

Data File : VW006806.D
Acq On : 12 Nov 2018 13:41
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Nov 12 14:08:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 12:19:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106229	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	7.89	113	117267	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.33	98	506817	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.62	95	186144	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	131635	49.560	ug/l	97
3) Chloromethane	2.21	50	149869	47.000	ug/l	100
4) Vinyl Chloride	2.36	62	163712	48.836	ug/l	100
5) Bromomethane	2.78	94	111922	49.526	ug/l	97
6) Chloroethane	2.92	64	101058	46.064	ug/l	100
7) Trichlorofluoromethane	3.26	101	208965	49.611	ug/l	99
8) Diethyl Ether	3.69	74	58876	48.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	135788	48.518	ug/l	99
10) Methyl Iodide	4.28	142	211665	54.438	ug/l	99
11) Tert butyl alcohol	5.21	59	38595	244.922	ug/l	99
12) 1,1-Dichloroethene	4.04	96	119976	51.410	ug/l	97
13) Acrolein	3.90	56	36085	219.873	ug/l	99
14) Allyl chloride	4.68	41	157475	50.057	ug/l	99
15) Acrylonitrile	5.38	53	118541	241.688	ug/l	100
16) Acetone	4.14	43	79968	230.742	ug/l	97
17) Carbon Disulfide	4.39	76	388900	50.518	ug/l	99
18) Methyl Acetate	4.68	43	54208	44.572	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	287523	50.302	ug/l	99
20) Methylene Chloride	4.92	84	158309	47.250	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	138251	49.527	ug/l	99
22) Diisopropyl ether	6.32	45	332730	50.187	ug/l	98
23) Vinyl Acetate	6.26	43	937987	248.066	ug/l	99
24) 1,1-Dichloroethane	6.22	63	212858	49.079	ug/l	99
25) 2-Butanone	7.18	43	138441	241.935	ug/l	98
26) 2,2-Dichloropropane	7.17	77	208456	50.447	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	147709	49.384	ug/l	100
28) Bromochloromethane	7.51	49	73113	45.008	ug/l	98
29) Tetrahydrofuran	7.54	42	89428	238.443	ug/l	98
30) Chloroform	7.68	83	233013	48.488	ug/l	99
31) Cyclohexane	7.96	56	216873	48.554	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	226883	49.746	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196827	51.342	ug/l	99
37) Ethyl Acetate	7.26	43	63597	46.713	ug/l	99
38) Carbon Tetrachloride	8.07	117	212117	51.786	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	265138	54.320	ug/l	100
40) Benzene	8.33	78	553774	51.155	ug/l	99
41) Methacrylonitrile	7.49	41	40291	51.011	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142736	48.440	ug/l	99
43) Isopropyl Acetate	8.43	43	125525	49.182	ug/l	99
44) Trichloroethene	9.10	130	170832	51.325	ug/l	97
45) 1,2-Dichloropropane	9.37	63	128039	50.361	ug/l	98
46) Dibromomethane	9.46	93	69198	48.478	ug/l	98
47) Bromodichloromethane	9.65	83	174198	50.292	ug/l	100
48) Methyl methacrylate	9.44	41	61933	51.524	ug/l	97
49) 1,4-Dioxane	9.48	88	23129	1082.313	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	321489	245.175	ug/l	98
52) Toluene	10.39	92	402717	52.913	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175752	52.328	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	208432	52.342	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	104056	49.484	ug/l	98
56) Ethyl methacrylate	10.65	69	123608	53.231	ug/l	100
57) 1,3-Dichloropropane	10.93	76	167230	49.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	296812	256.664	ug/l	100
59) 2-Hexanone	10.97	43	234394	263.764	ug/l	99
60) Dibromochloromethane	11.13	129	129913	51.397	ug/l	99
61) 1,2-Dibromoethane	11.24	107	99945	49.401	ug/l	98
64) Tetrachloroethene	10.87	164	170026	53.799	ug/l	98
65) Chlorobenzene	11.66	112	467952	53.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	147767	52.362	ug/l	100
67) Ethyl Benzene	11.73	91	809822	54.645	ug/l	98
68) m/p-Xylenes	11.84	106	660850	109.325	ug/l	100
69) o-Xylene	12.17	106	310434	55.783	ug/l	99
70) Styrene	12.18	104	497983	55.053	ug/l	100
71) Bromoform	12.35	173	81669	52.244	ug/l #	99
73) Isopropylbenzene	12.47	105	847938	55.649	ug/l	99
74) N-amyl acetate	12.28	43	129512	52.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114739	50.544	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	151968	87.993	ug/l #	100
77) Bromobenzene	12.75	156	209643	53.210	ug/l	99
78) n-propylbenzene	12.81	91	1005213	55.521	ug/l	100
79) 2-Chlorotoluene	12.90	91	559828	54.889	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	737282	55.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34733	53.472	ug/l	99
82) 4-Chlorotoluene	12.99	91	594884	54.573	ug/l	99
83) tert-Butylbenzene	13.21	119	652046	57.158	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	748846	55.362	ug/l	100
85) sec-Butylbenzene	13.39	105	921455	56.437	ug/l	100
86) p-Isopropyltoluene	13.51	119	846677	56.852	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	431961	53.965	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	426494	53.498	ug/l	99
89) n-Butylbenzene	13.83	91	774086	56.317	ug/l	99
90) Hexachloroethane	14.10	117	134215	57.445	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	373789	53.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18806	51.304	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111218\
Quantitation Report (Not Reviewed)

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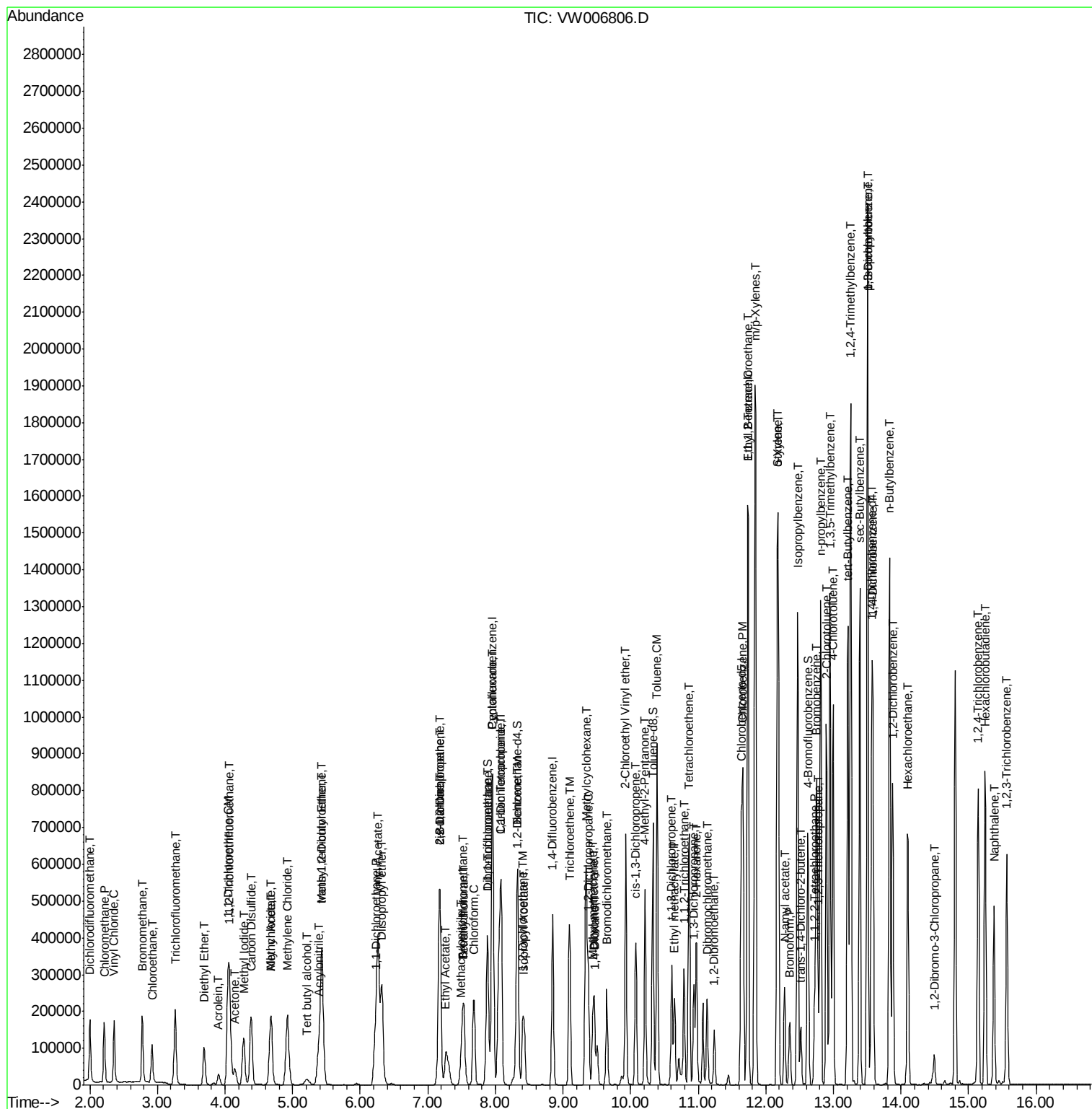
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	289678	55.883	ug/l	99
94) Hexachlorobutadiene	15.24	225	183386	56.214	ug/l	99
95) Naphthalene	15.38	128	440186	55.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	246137	54.892	ug/l	99

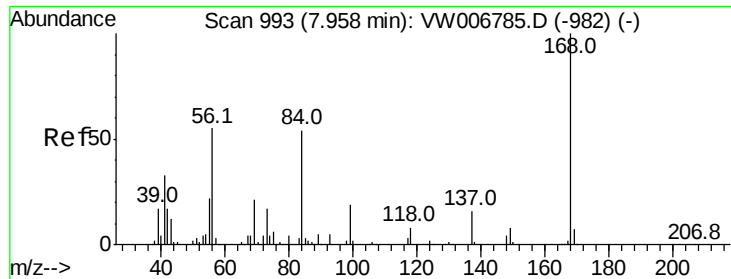
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

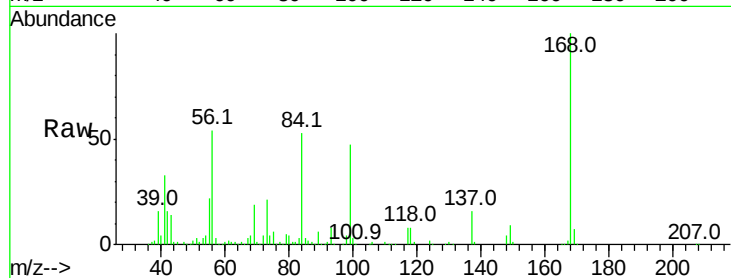
VSTDICCC050

Tgt Ion:168 Resp: 326683

Ion Ratio Lower Upper

168 100

99 46.6 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

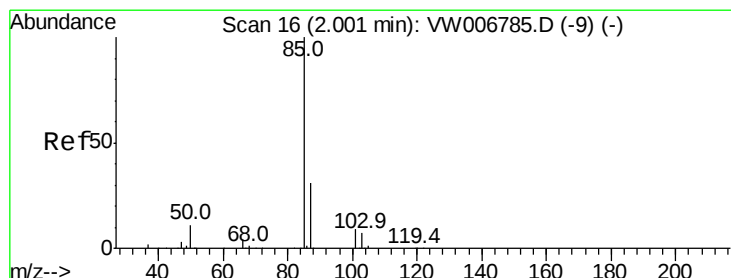
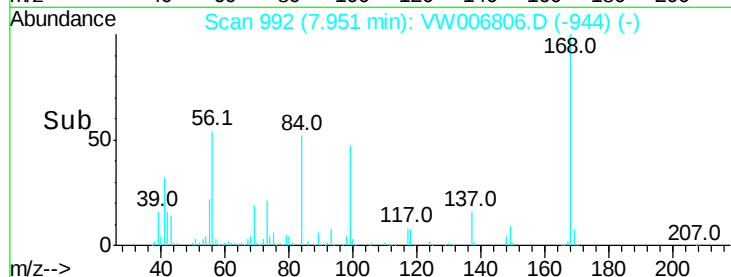
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.560 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006806.D

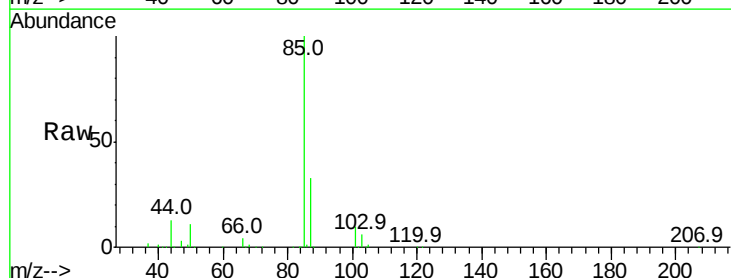
Acq: 12 Nov 2018 13:41

Tgt Ion: 85 Resp: 131635

Ion Ratio Lower Upper

85 100

87 32.9 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

100000

80000

60000

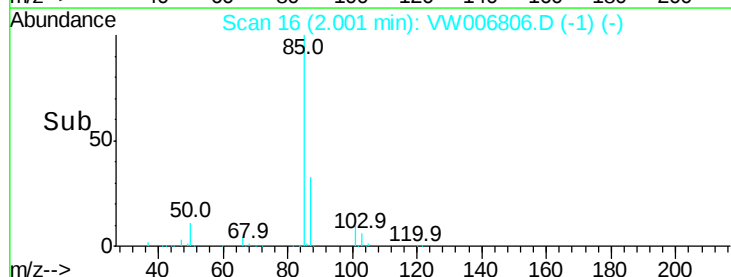
40000

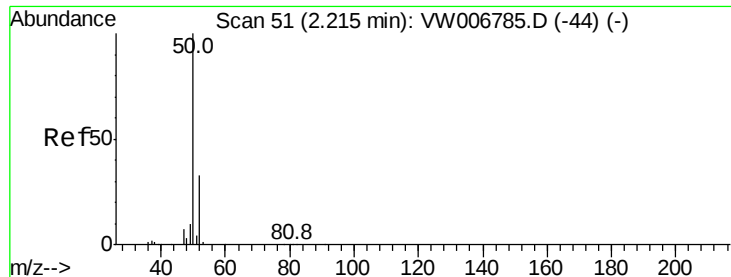
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.000 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

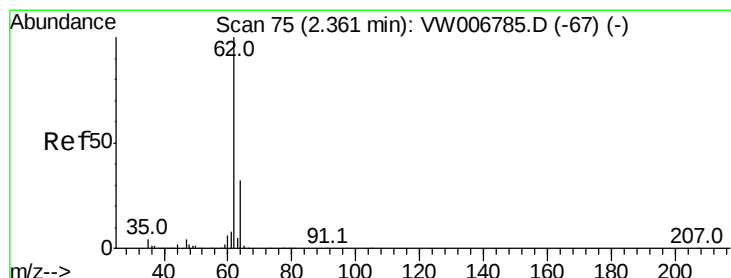
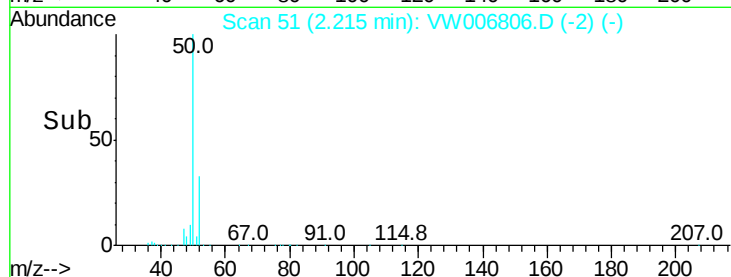
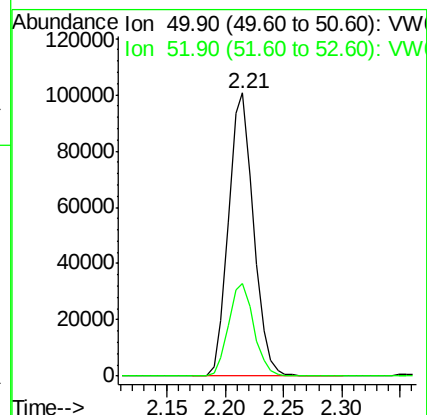
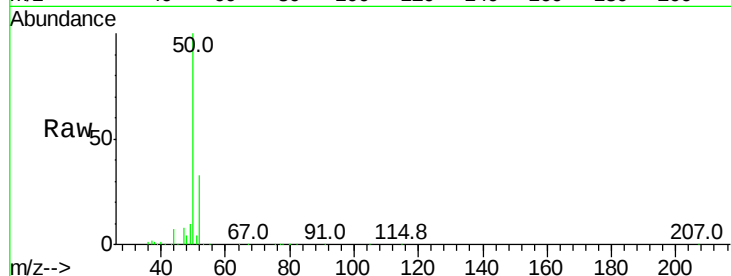
VSTDICCC050

Tgt Ion: 50 Resp: 149869

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 48.836 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006806.D

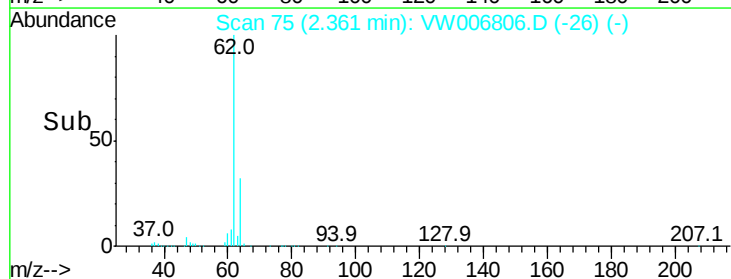
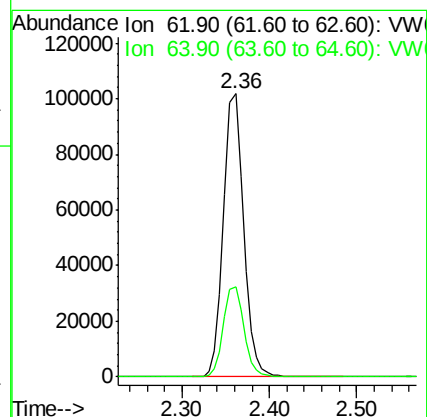
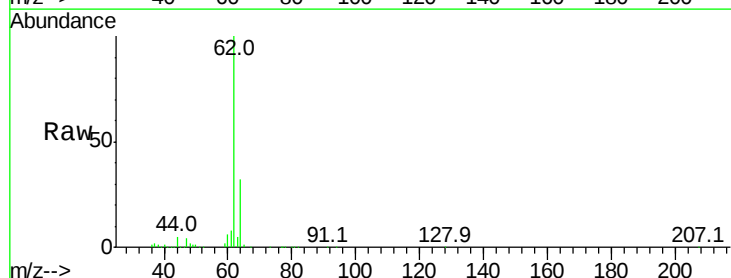
Acq: 12 Nov 2018 13:41

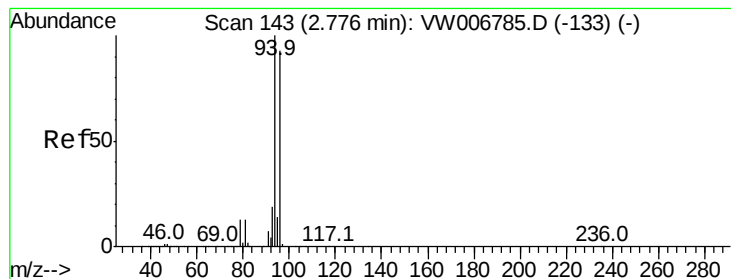
Tgt Ion: 62 Resp: 163712

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 49.526 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

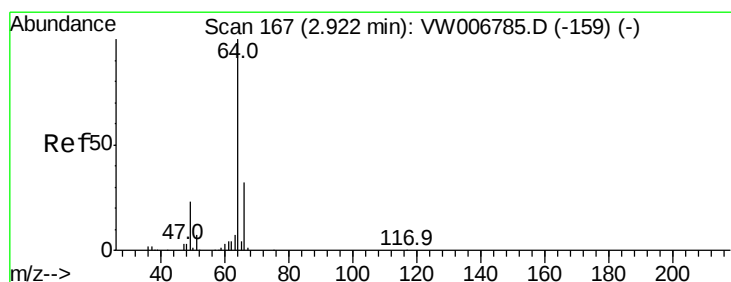
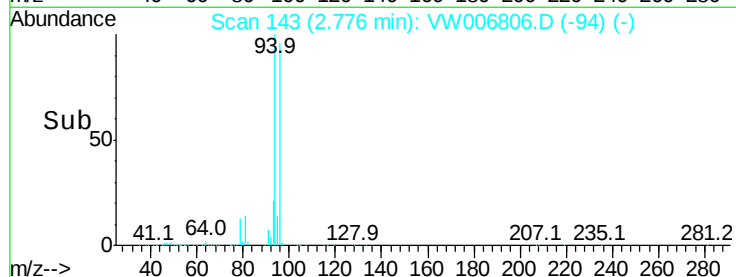
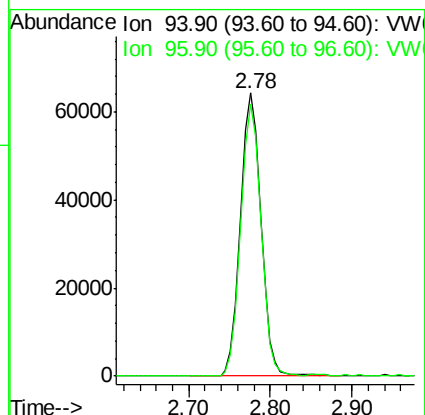
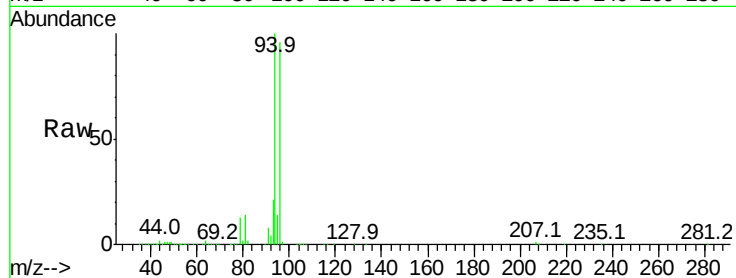
VSTDICCC050

Tgt Ion: 94 Resp: 111922

Ion Ratio Lower Upper

94 100

96 96.0 74.5 111.7



#6

Chloroethane

Concen: 46.064 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006806.D

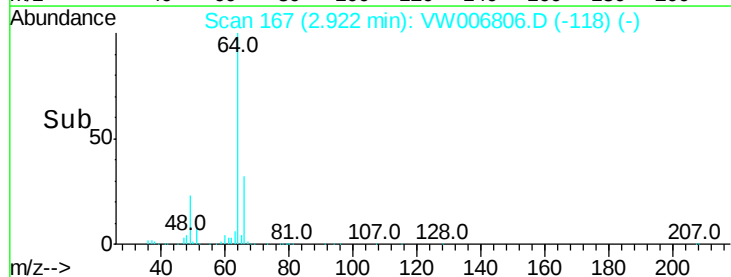
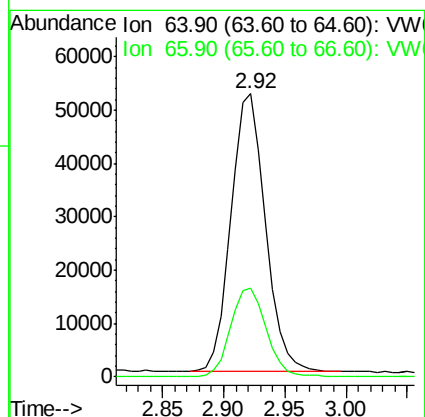
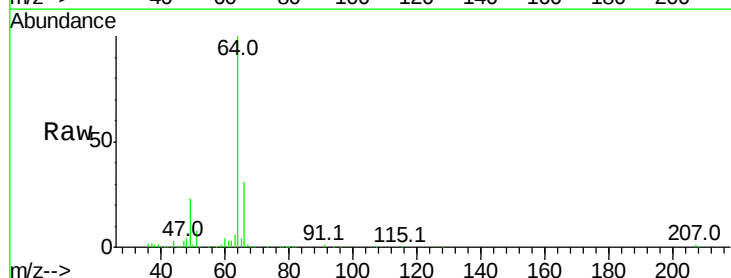
Acq: 12 Nov 2018 13:41

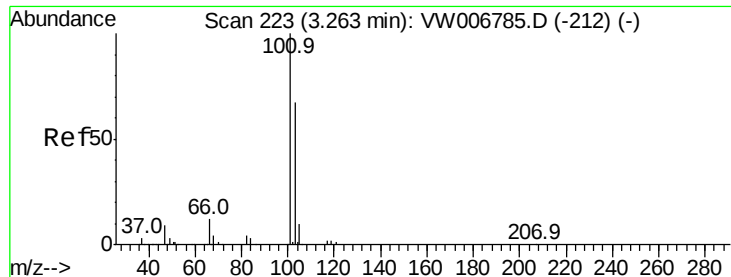
Tgt Ion: 64 Resp: 101058

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2



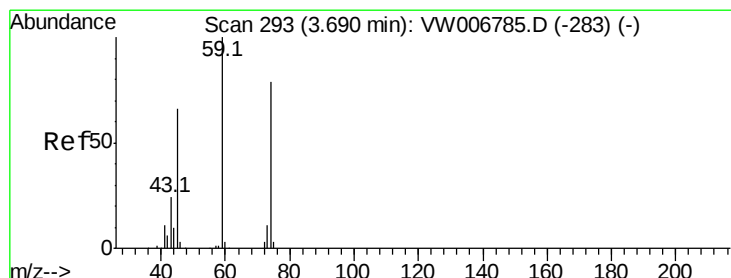
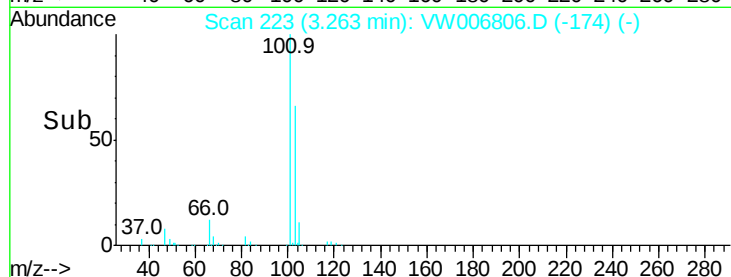
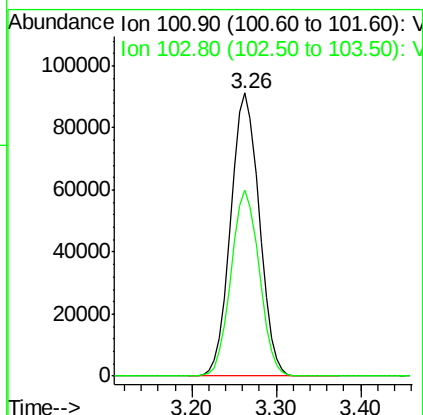
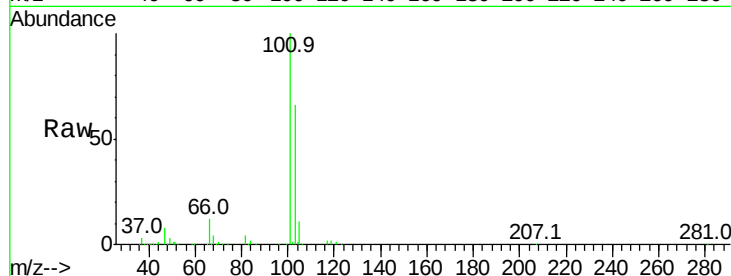


#7

Trichlorofluoromethane
 Concen: 49.611 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006806.D
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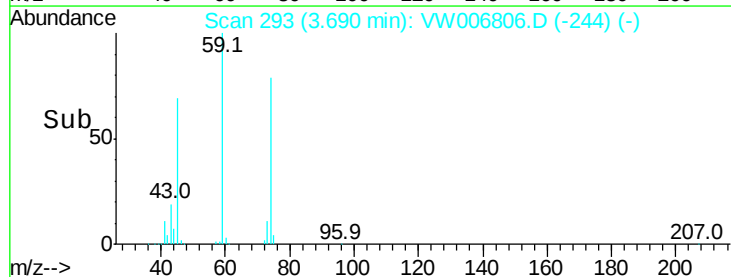
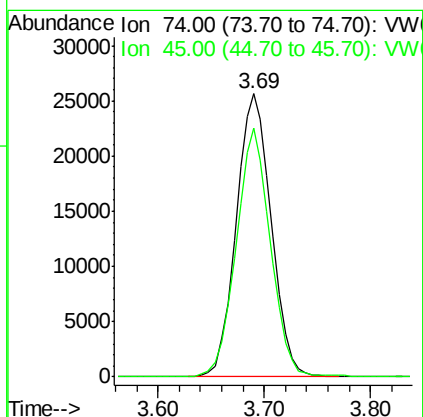
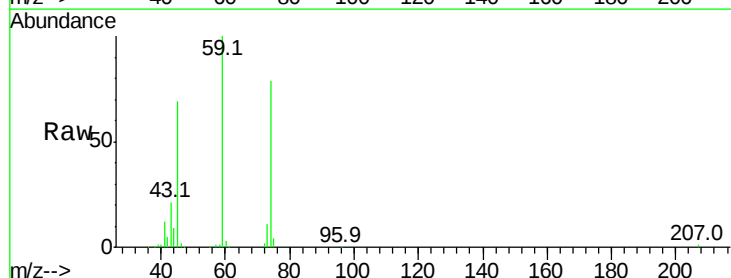
Tgt Ion: 101 Resp: 208965
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.4 80.0

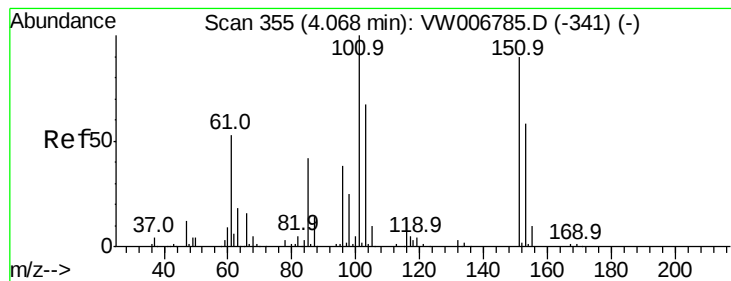


#8

Diethyl Ether
 Concen: 48.048 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 74 Resp: 58876
 Ion Ratio Lower Upper
 74 100
 45 86.3 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.518 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

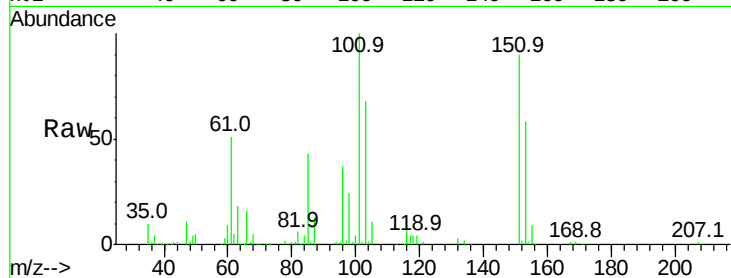
Tgt Ion:101 Resp: 135788

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

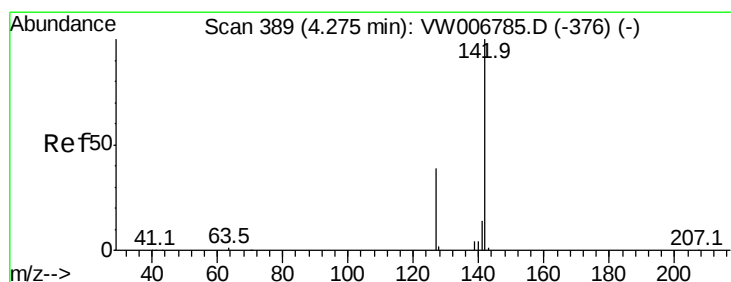
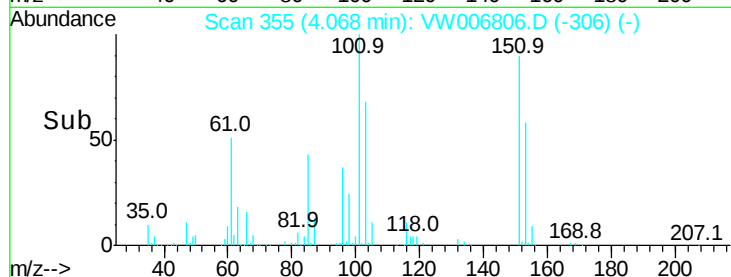
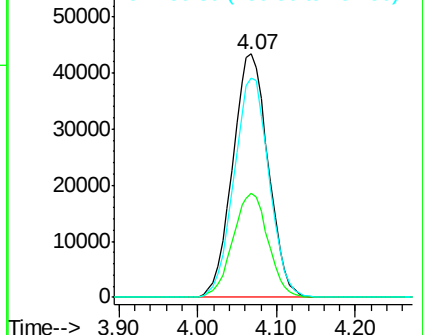
151 89.2 70.7 106.1



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: 54.438 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

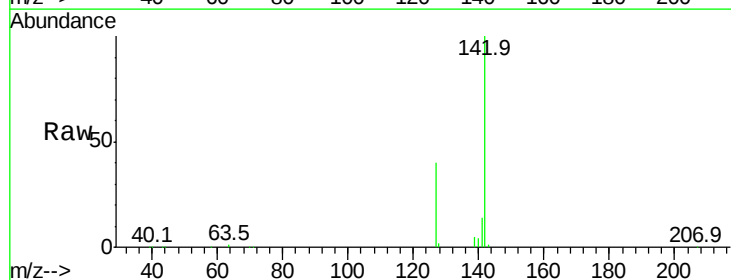
Tgt Ion:142 Resp: 211665

Ion Ratio Lower Upper

142 100

127 39.8 32.3 48.5

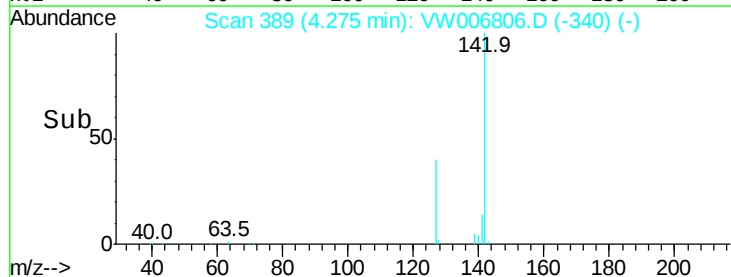
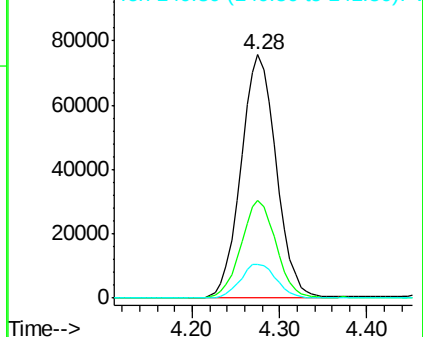
141 14.4 11.4 17.0

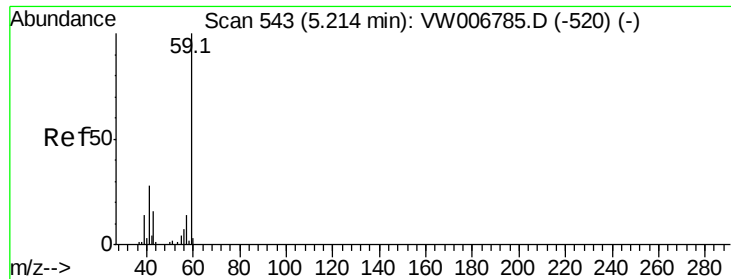


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



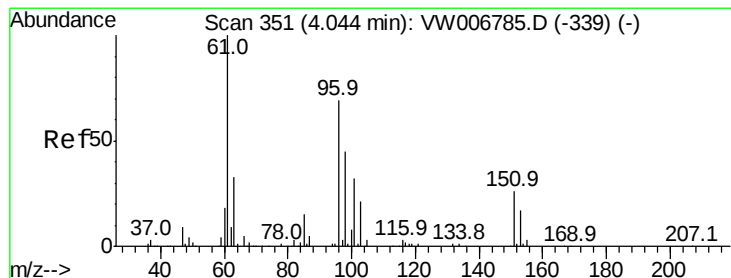
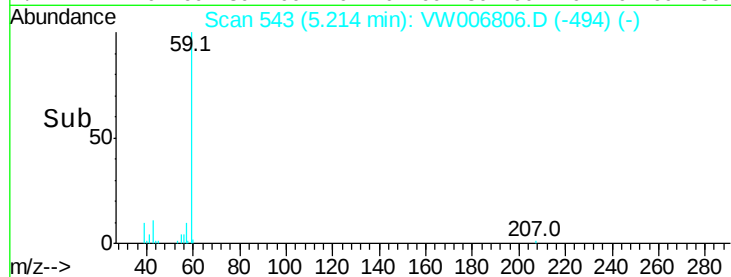
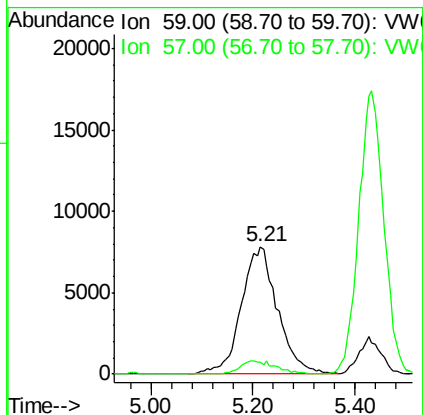
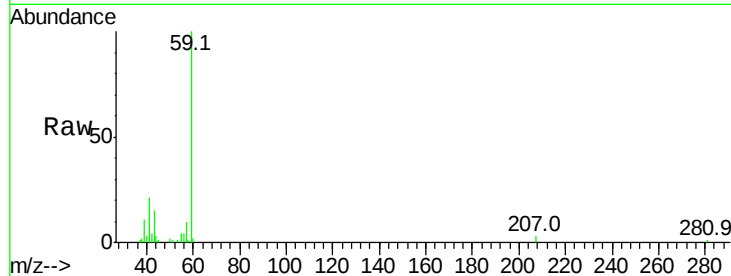


#11

Tert butyl alcohol
 Concen: 244.922 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

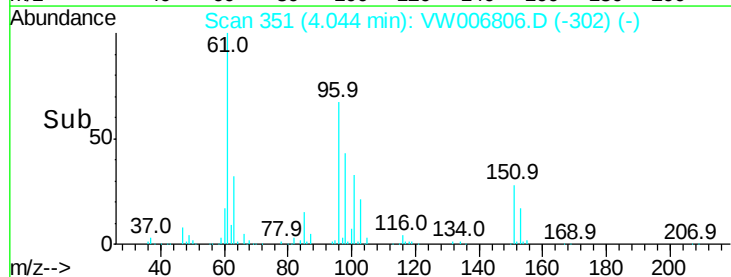
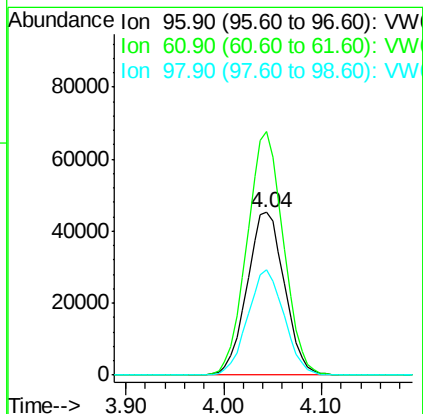
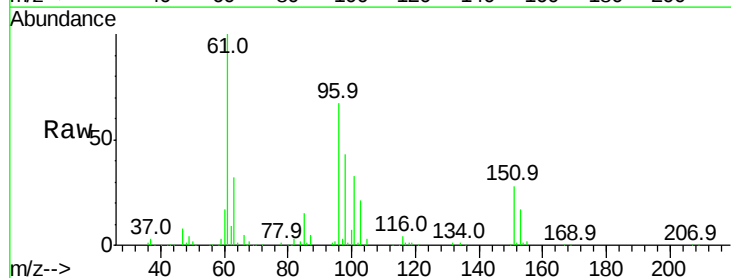
Tgt Ion: 59 Resp: 38595
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.7 13.1

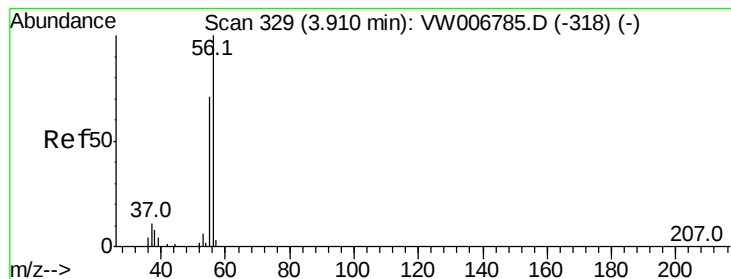


#12

1,1-Dichloroethene
 Concen: 51.410 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 96 Resp: 119976
 Ion Ratio Lower Upper
 96 100
 61 149.7 116.0 174.0
 98 64.4 52.0 78.0





#13

Acrolein

Concen: 219.873 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

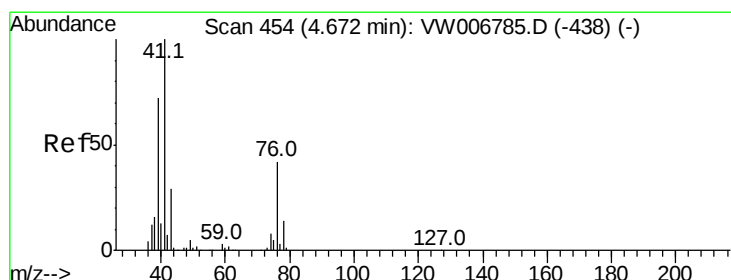
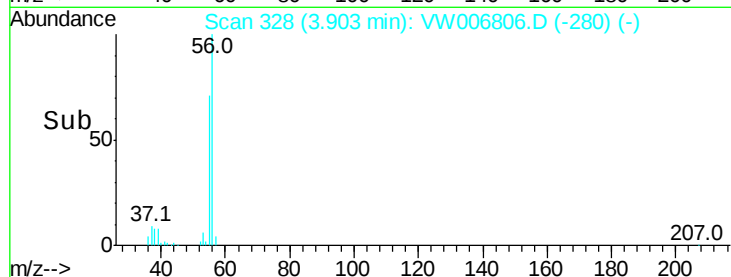
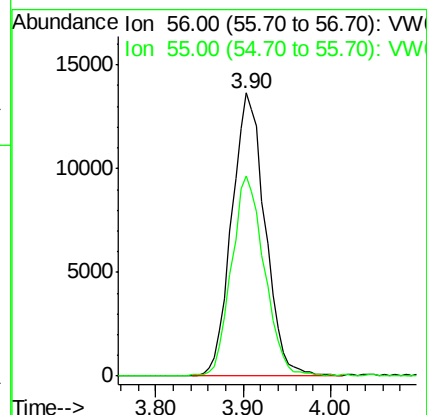
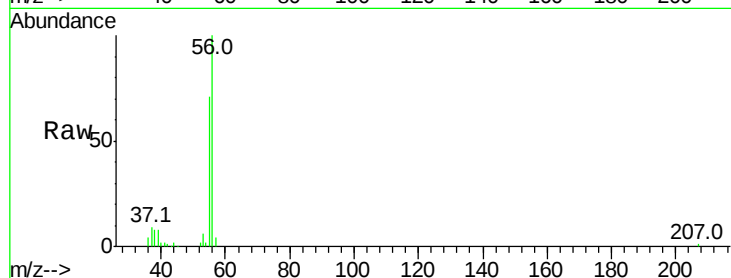
VSTDICCC050

Tgt Ion: 56 Resp: 36085

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 50.057 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

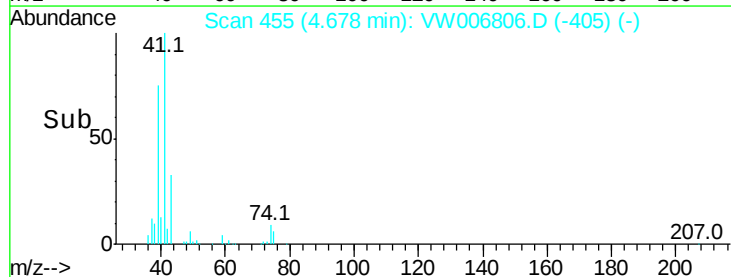
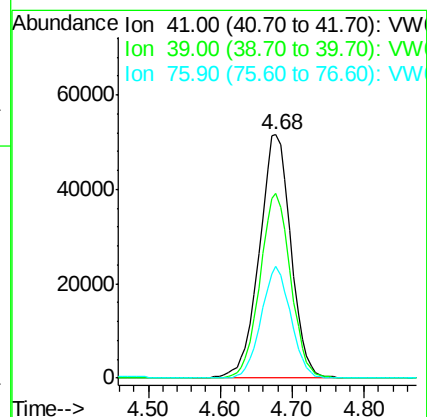
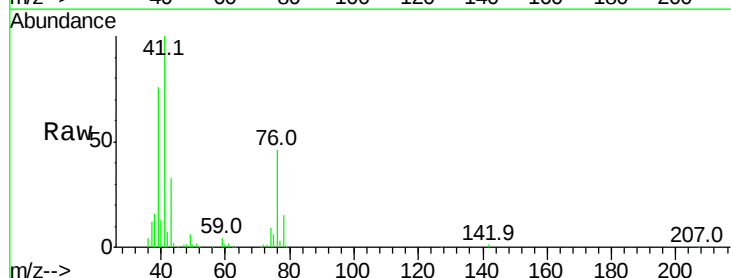
Tgt Ion: 41 Resp: 157475

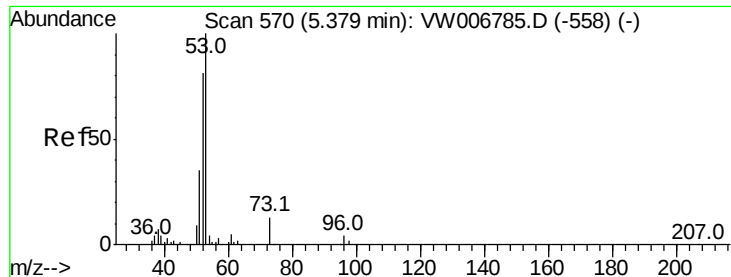
Ion Ratio Lower Upper

41 100

39 73.6 60.0 90.0

76 43.0 34.2 51.4





#15

Acrylonitrile

Concen: 241.688 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

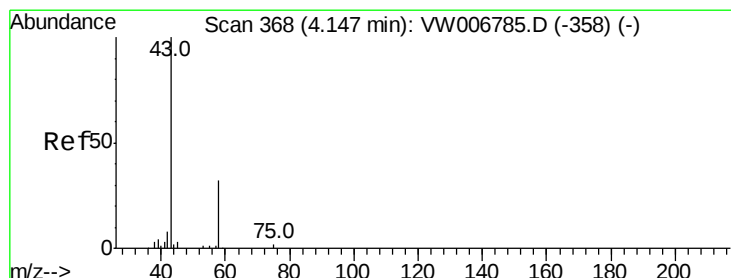
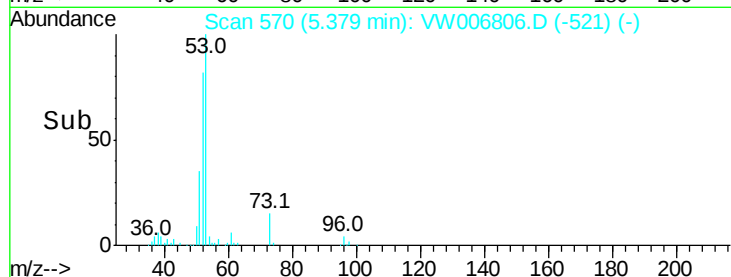
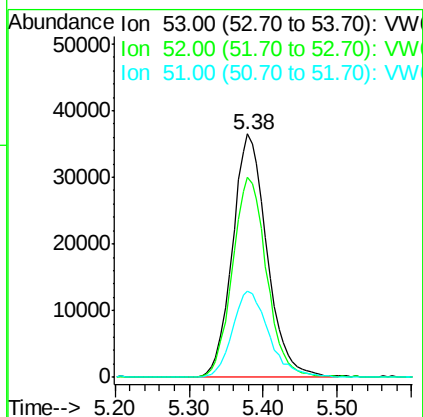
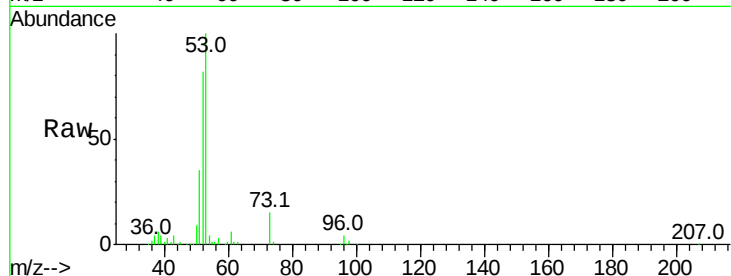
Tgt Ion: 53 Resp: 118541

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 37.5 30.2 45.4



#16

Acetone

Concen: 230.742 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006806.D

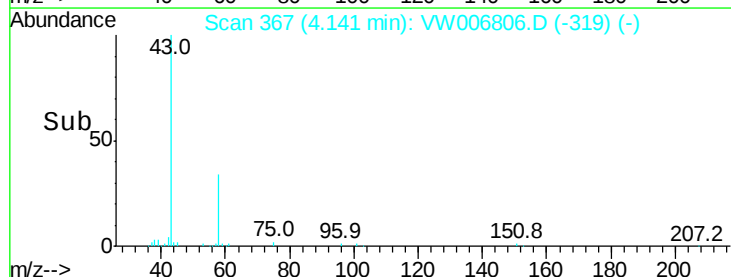
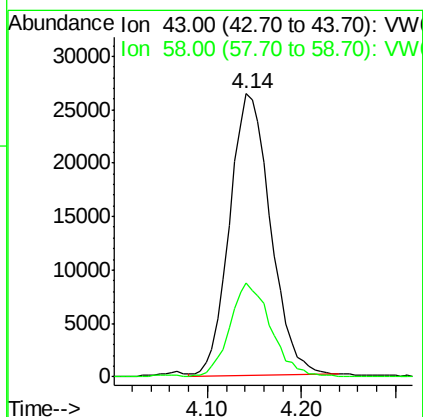
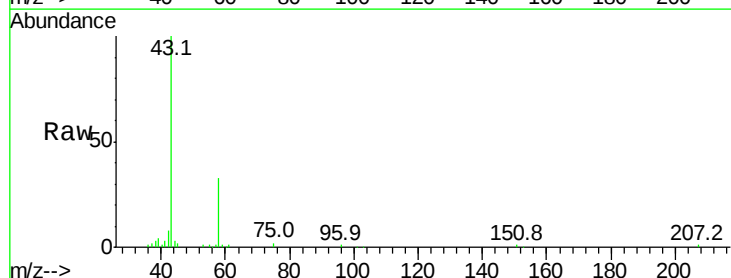
Acq: 12 Nov 2018 13:41

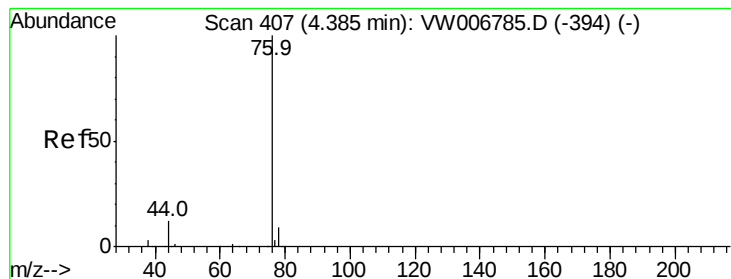
Tgt Ion: 43 Resp: 79968

Ion Ratio Lower Upper

43 100

58 33.1 25.4 38.0





#17

Carbon Disulfide

Concen: 50.518 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

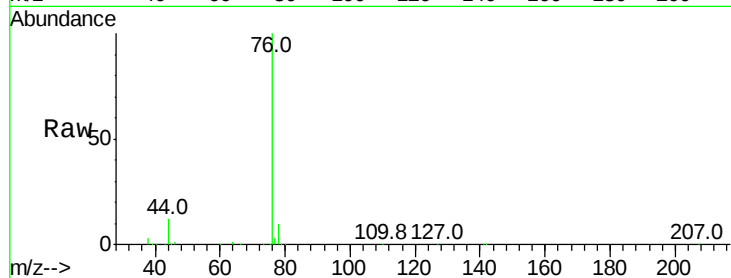
VSTDICCC050

Tgt Ion: 76 Resp: 388900

Ion Ratio Lower Upper

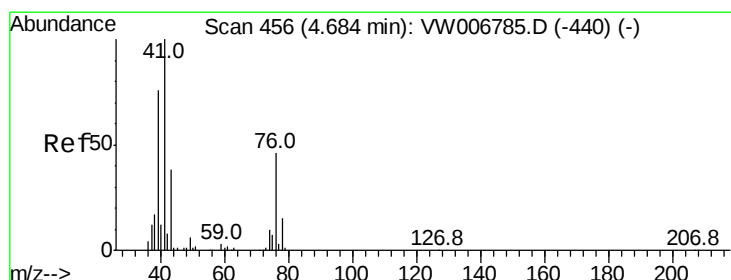
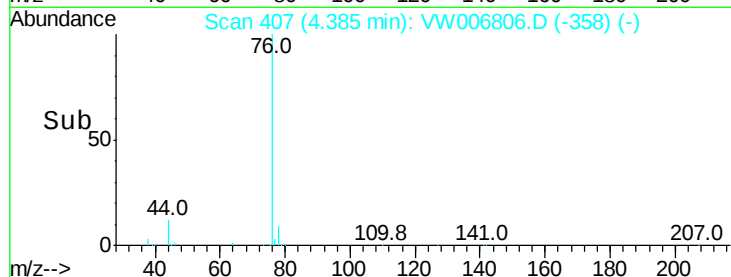
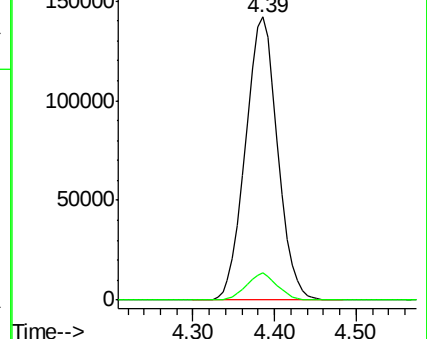
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 44.572 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006806.D

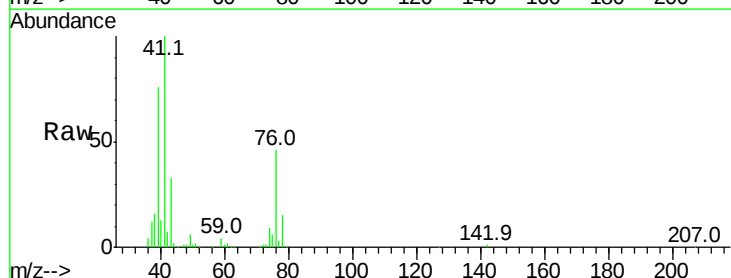
Acq: 12 Nov 2018 13:41

Tgt Ion: 43 Resp: 54208

Ion Ratio Lower Upper

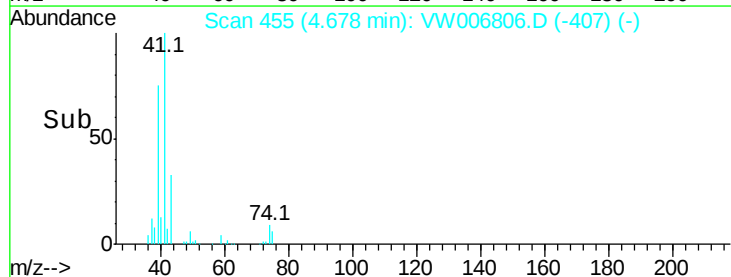
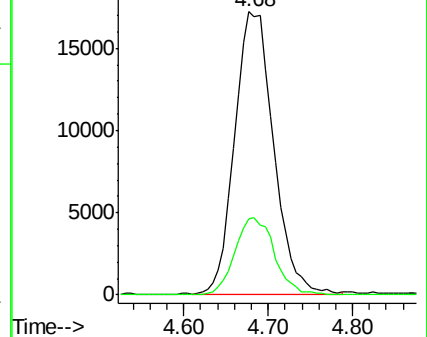
43 100

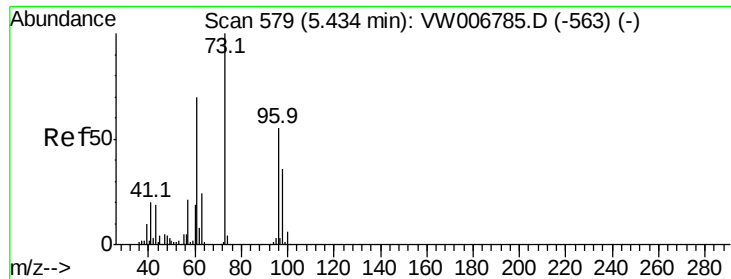
74 27.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

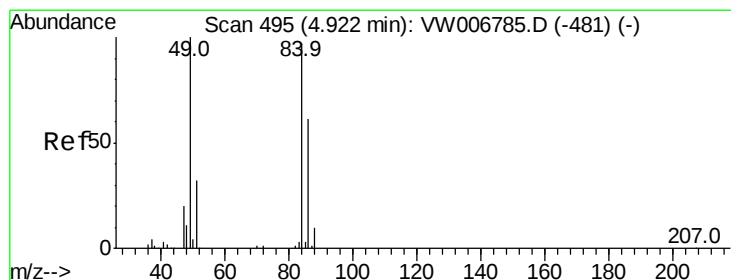
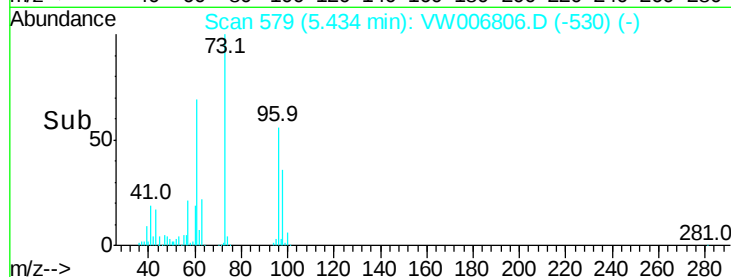
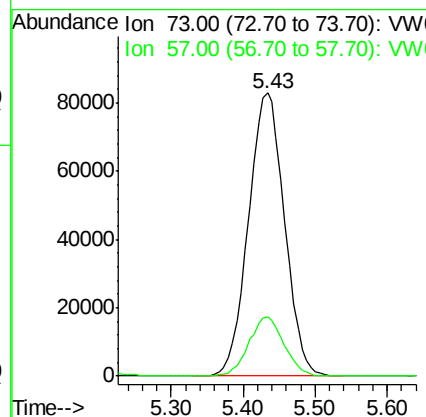
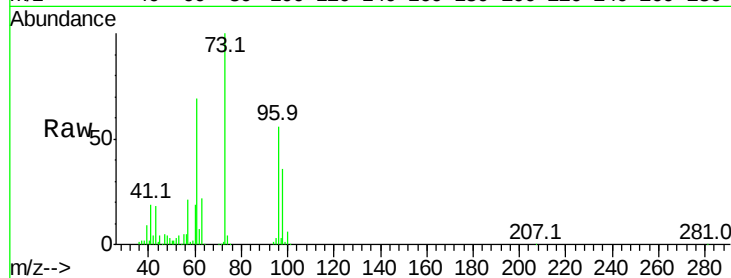




#19
Methyl tert-butyl Ether
Concen: 50.302 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

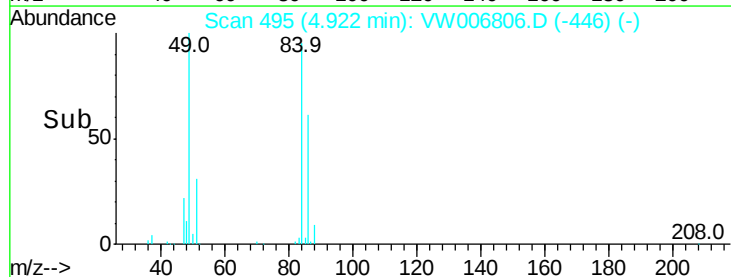
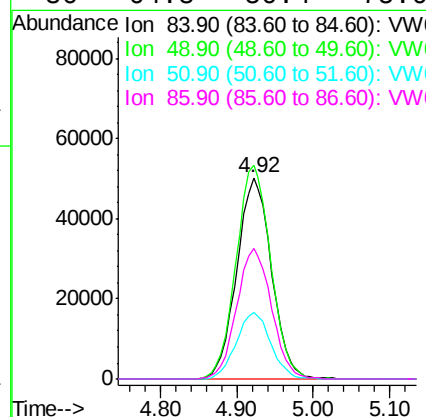
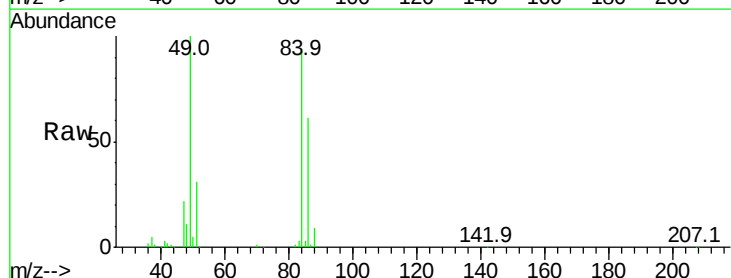
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

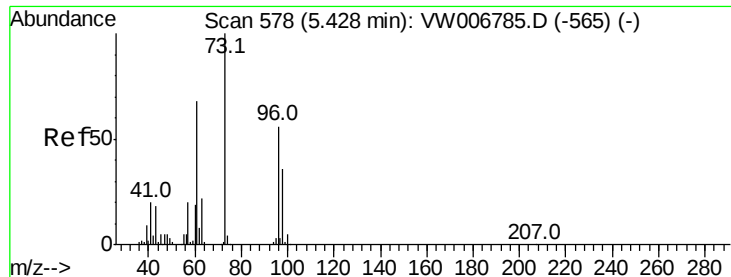
Tgt Ion: 73 Resp: 287523
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6



#20
Methylene Chloride
Concen: 47.250 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 84 Resp: 158309
Ion Ratio Lower Upper
84 100
49 106.0 82.4 123.6
51 32.8 26.7 40.1
86 64.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.527 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

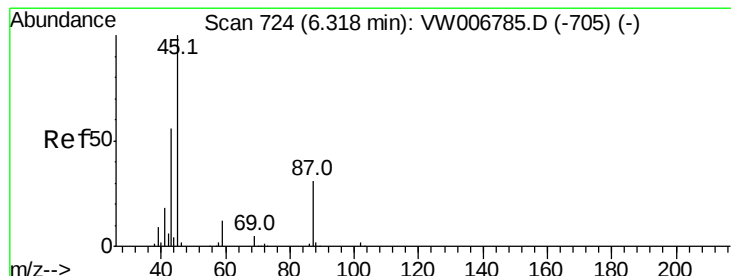
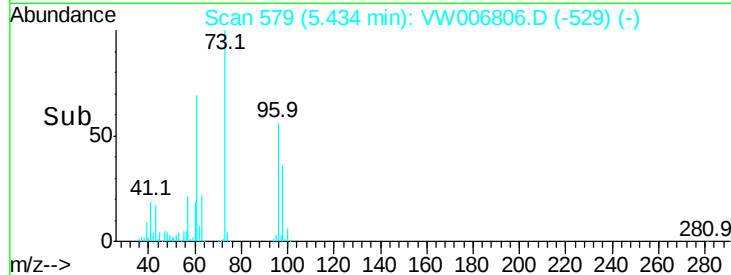
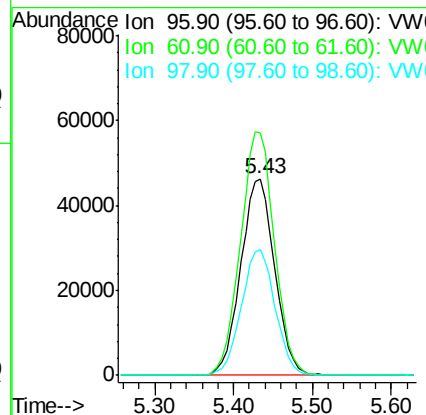
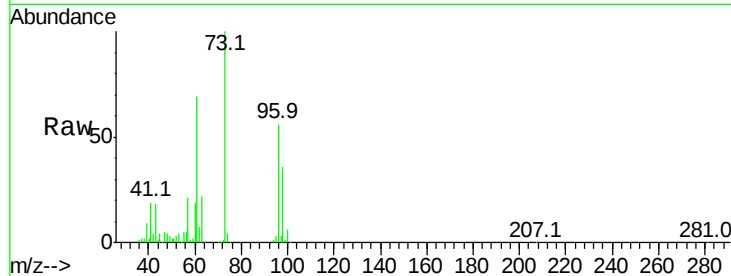
Tgt Ion: 96 Resp: 138251

Ion Ratio Lower Upper

96 100

61 123.4 97.6 146.4

98 64.0 51.6 77.4



#22

Diisopropyl ether

Concen: 50.187 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion: 45 Resp: 332730

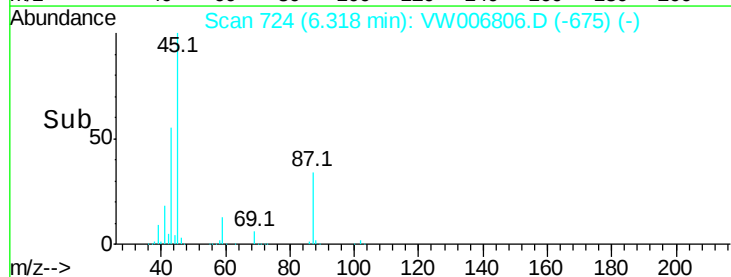
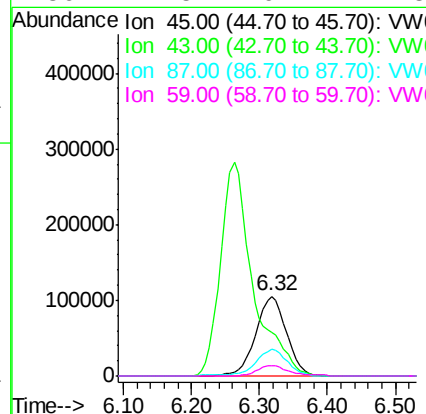
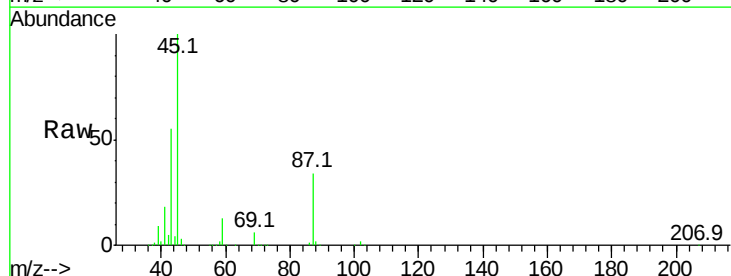
Ion Ratio Lower Upper

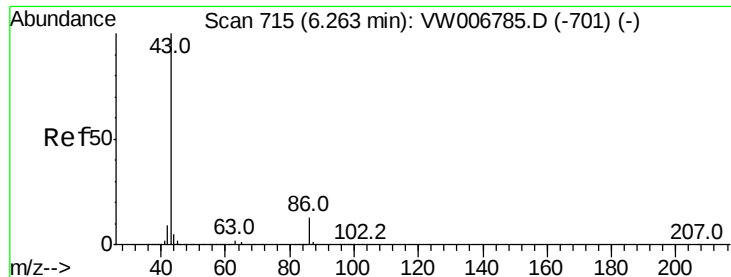
45 100

43 54.6 44.6 66.8

87 34.0 25.5 38.3

59 12.5 9.7 14.5





#23

Vinyl Acetate

Concen: 248.066 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

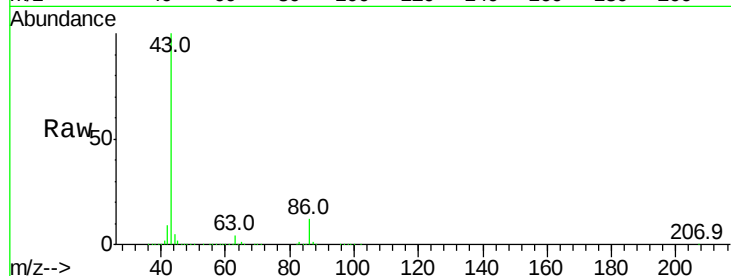
VSTDICCC050

Tgt Ion: 43 Resp: 937987

Ion Ratio Lower Upper

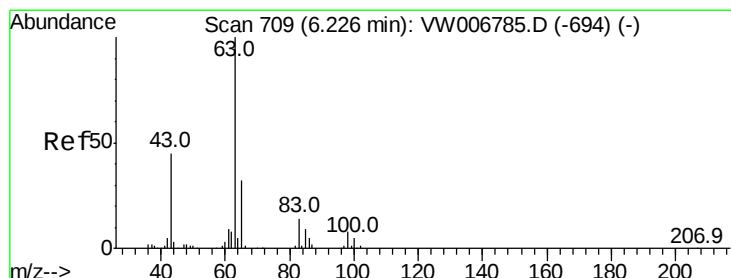
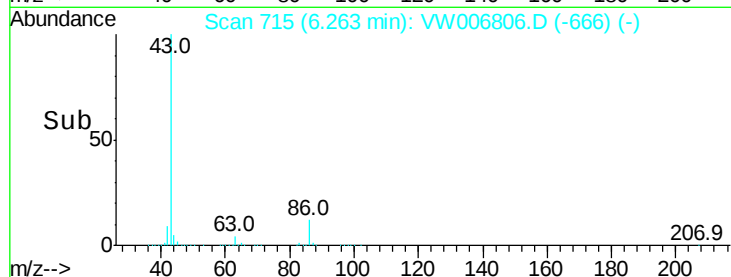
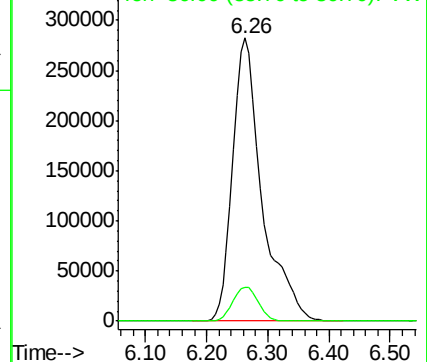
43 100

86 12.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.079 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

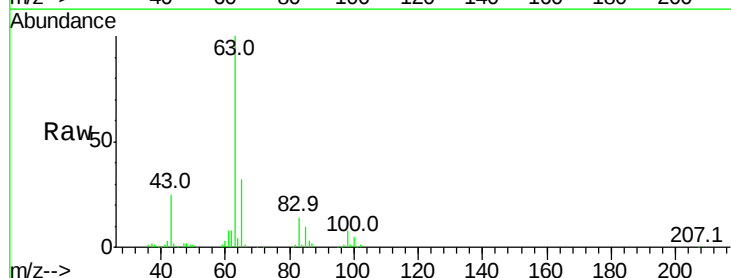
Tgt Ion: 63 Resp: 212858

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

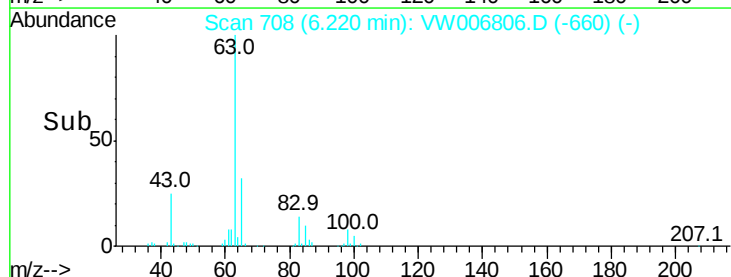
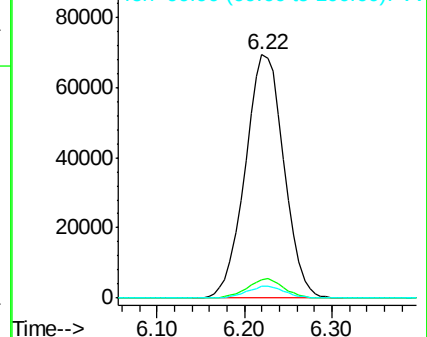
100 4.8 2.3 6.9

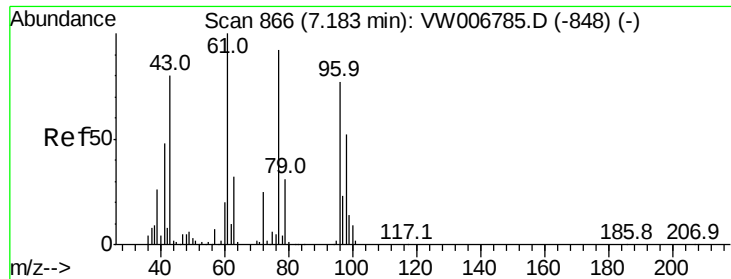


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 241.935 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

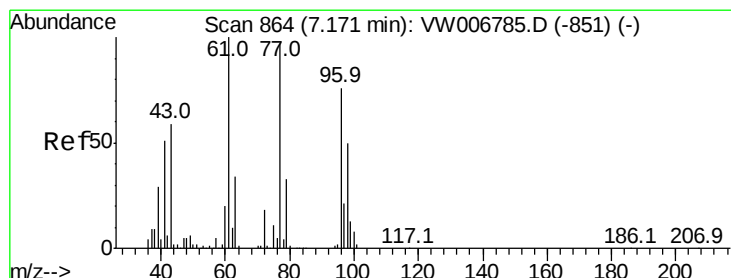
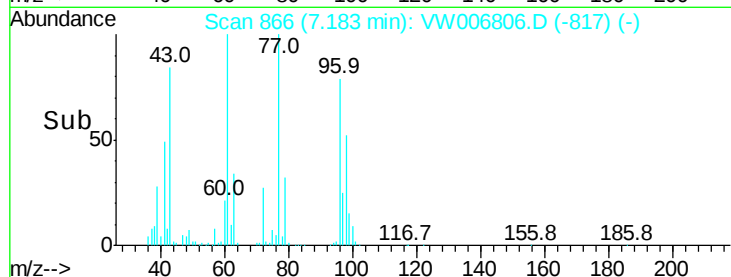
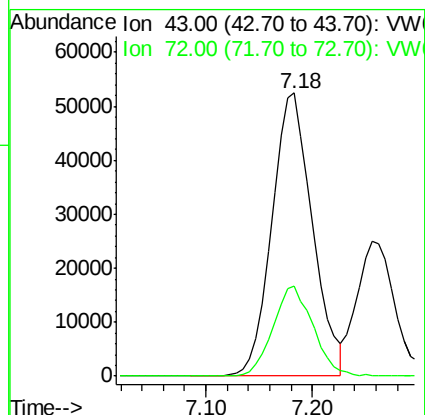
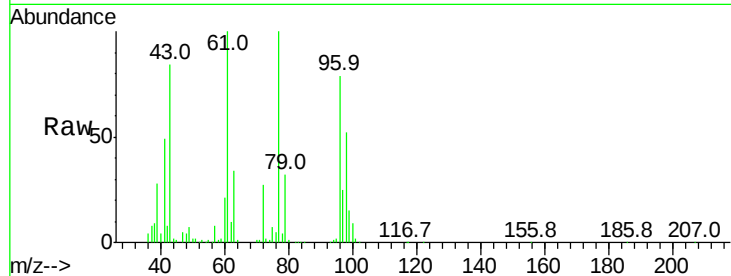
VSTDICCC050

Tgt Ion: 43 Resp: 138441

Ion Ratio Lower Upper

43 100

72 31.6 24.5 36.7



#26

2,2-Dichloropropane

Concen: 50.447 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006806.D

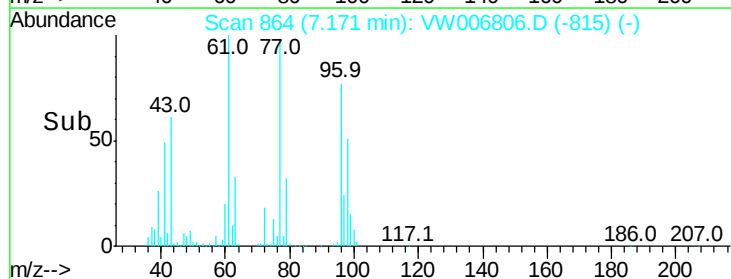
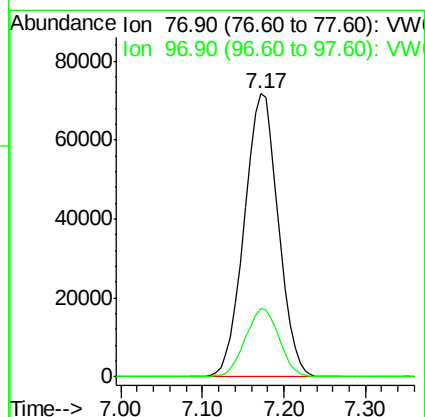
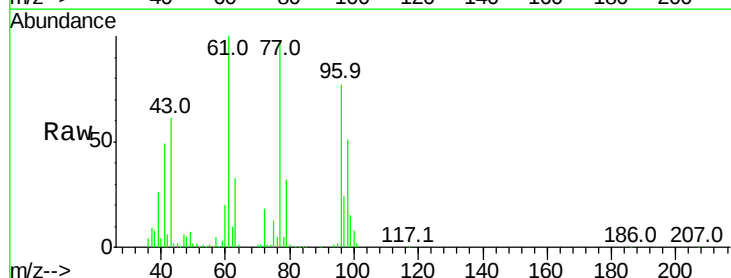
Acq: 12 Nov 2018 13:41

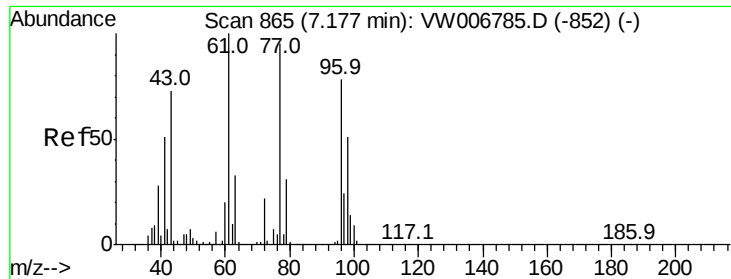
Tgt Ion: 77 Resp: 208456

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5



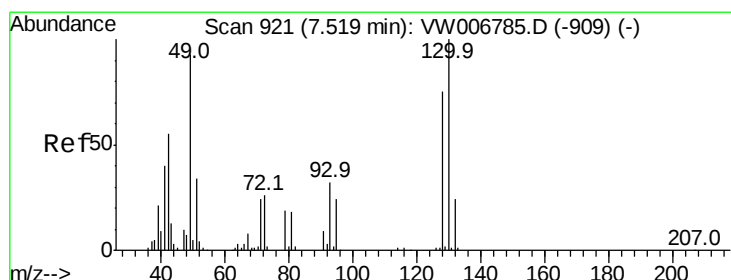
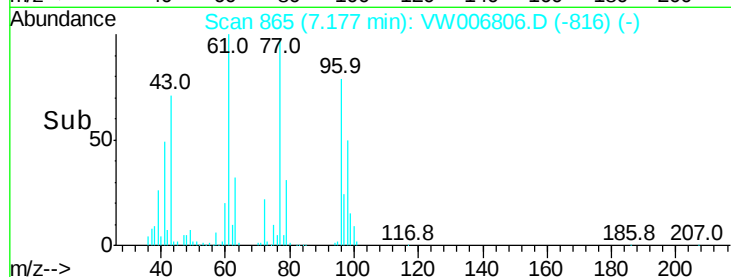
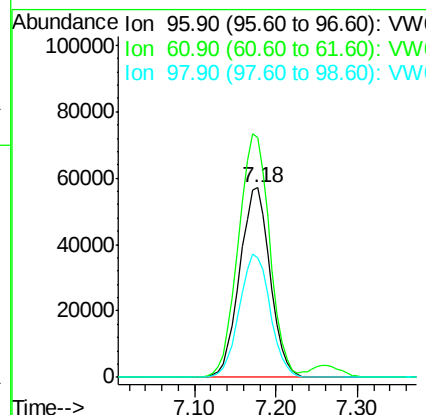
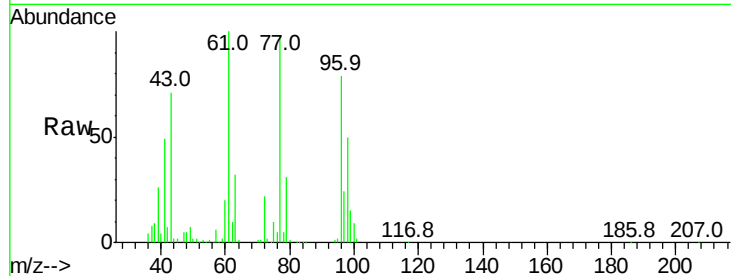


#27

cis-1,2-Dichloroethene
Concen: 49.384 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

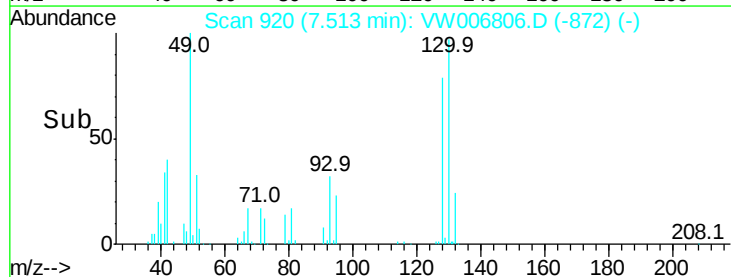
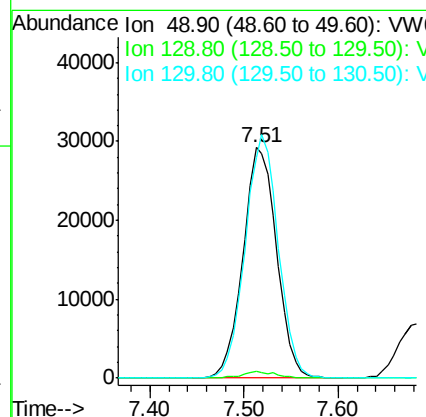
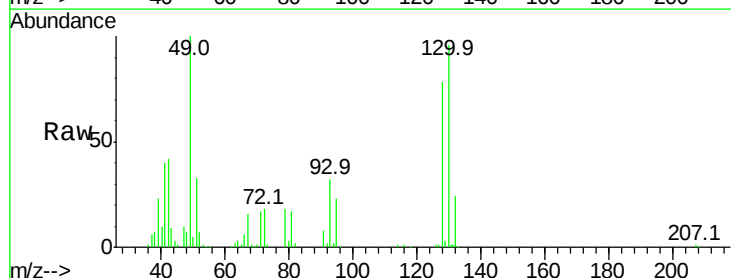
Tgt Ion: 96 Resp: 147709
Ion Ratio Lower Upper
96 100
61 132.0 0.0 264.4
98 65.5 0.0 130.0

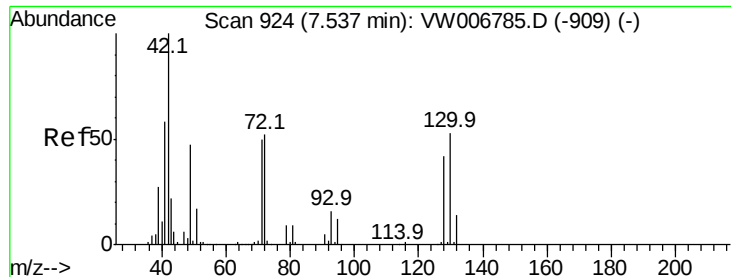


#28

Bromochloromethane
Concen: 45.008 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 49 Resp: 73113
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 104.1 81.5 122.3

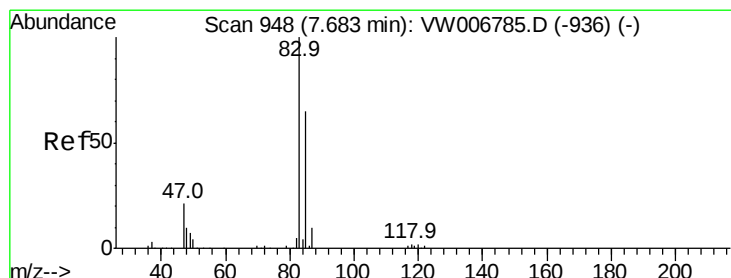
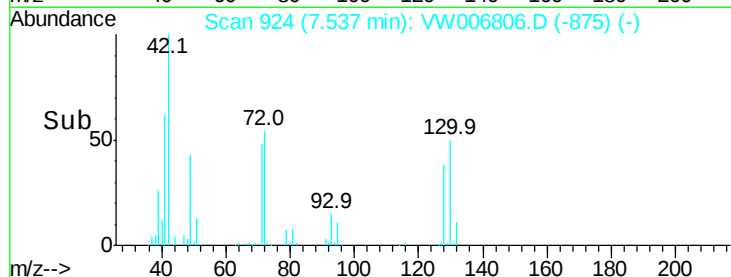
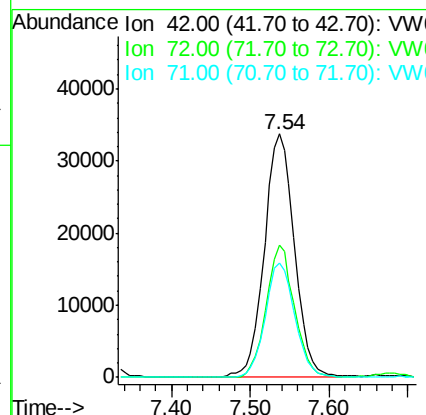
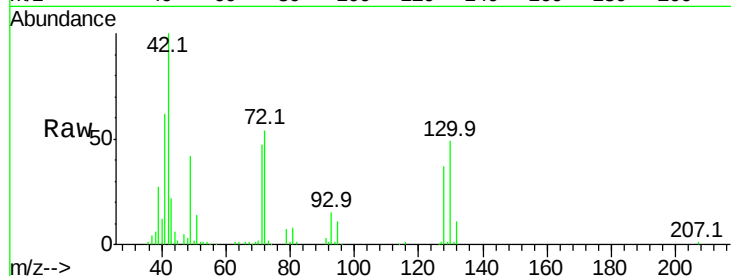




#29
Tetrahydrofuran
Concen: 238.443 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

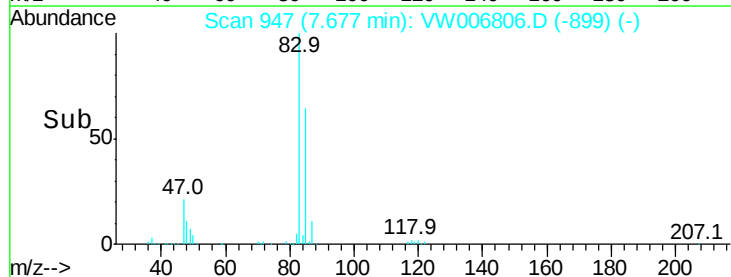
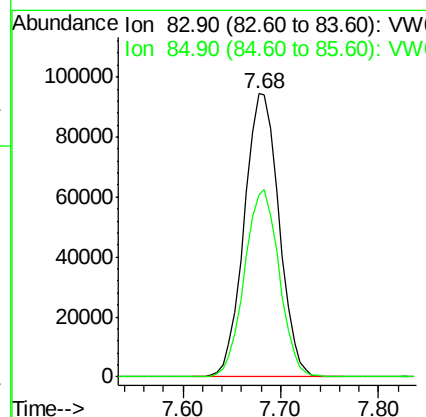
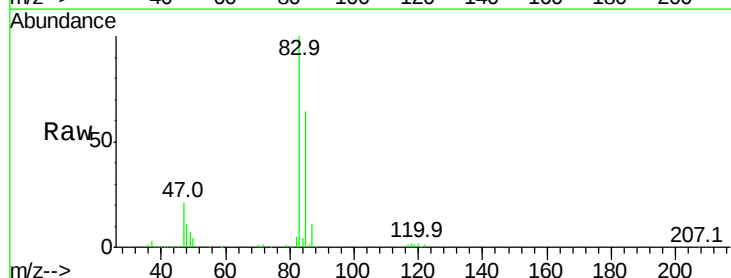
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

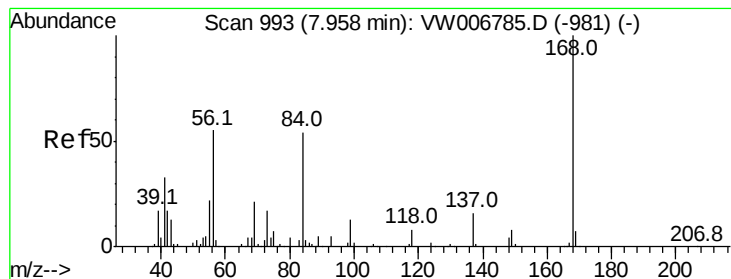
Tgt Ion: 42 Resp: 89428
Ion Ratio Lower Upper
42 100
72 51.1 39.8 59.8
71 46.1 37.8 56.6



#30
Chloroform
Concen: 48.488 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 83 Resp: 233013
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1





#31

Cyclohexane

Concen: 48.554 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

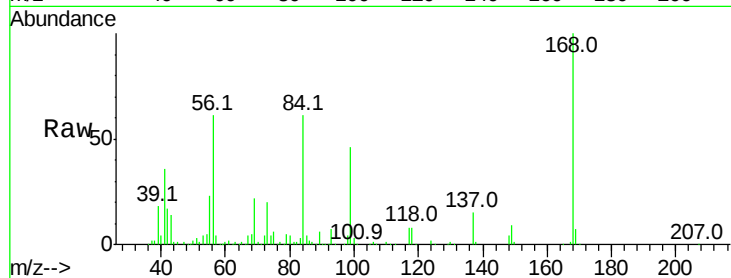
Tgt Ion: 56 Resp: 216873

Ion Ratio Lower Upper

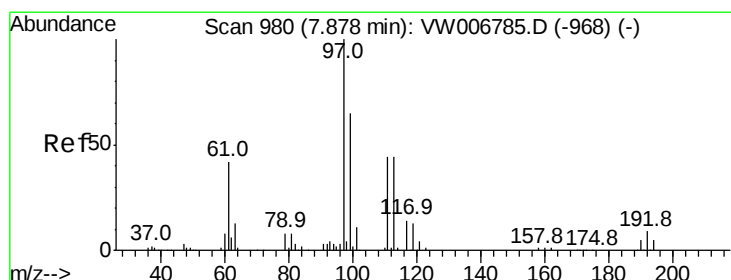
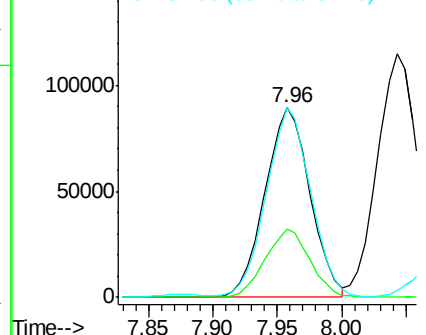
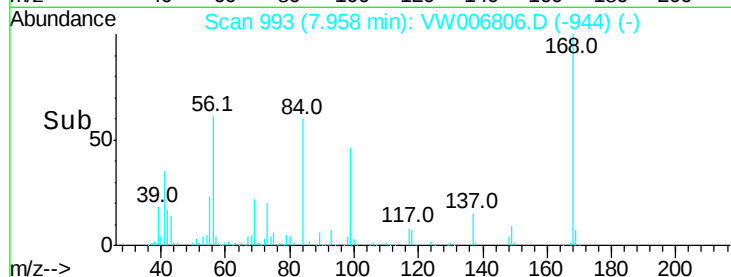
56 100

69 36.1 30.3 45.5

84 98.7 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: 49.746 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

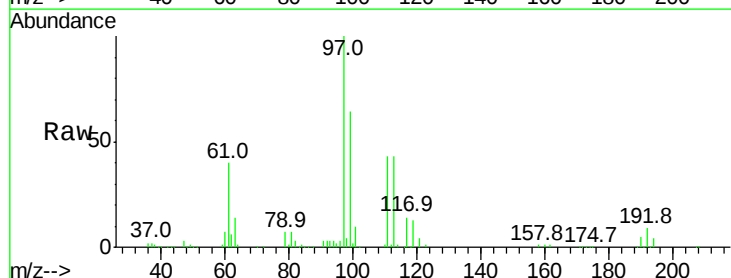
Tgt Ion: 97 Resp: 226883

Ion Ratio Lower Upper

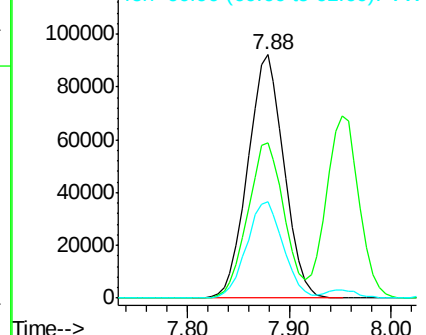
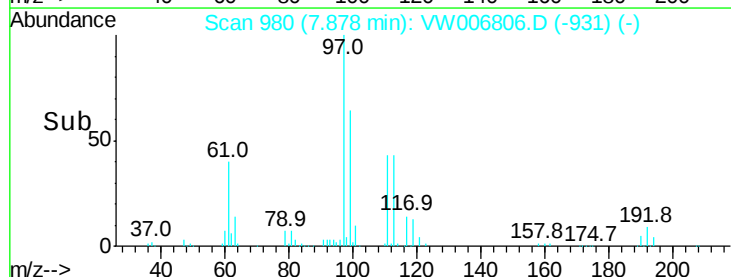
97 100

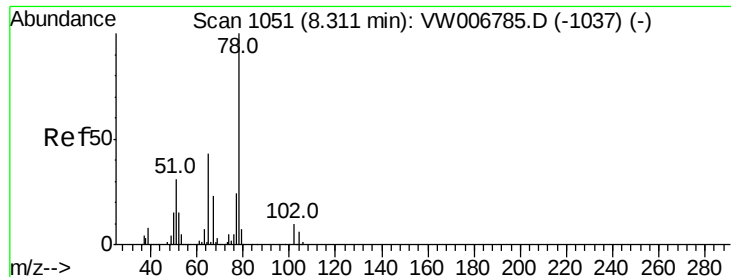
99 64.5 51.4 77.2

61 40.3 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

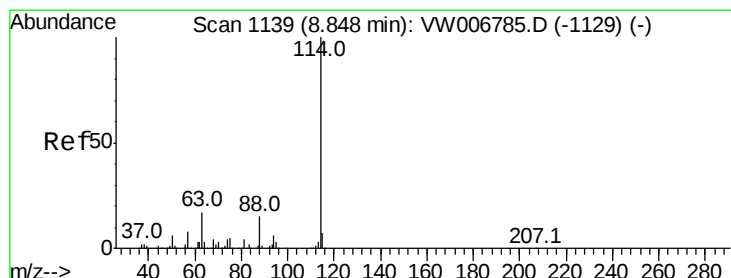
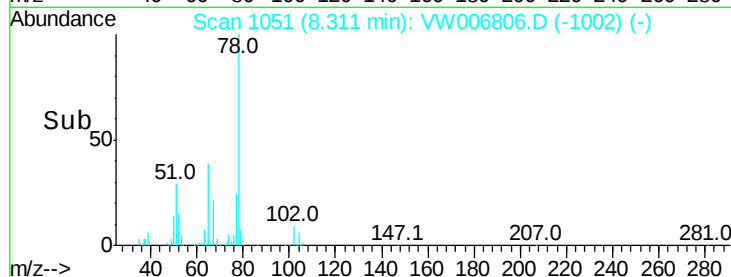
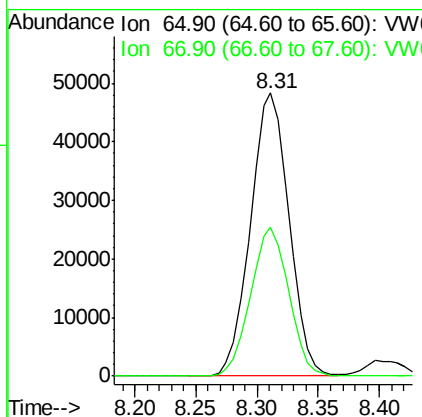
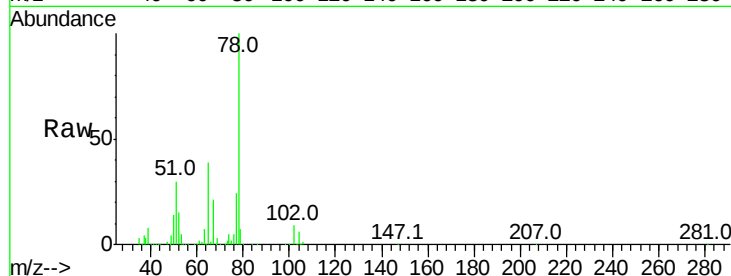




#33
 1,2-Dichloroethane-d4
 Concen: 44.369 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

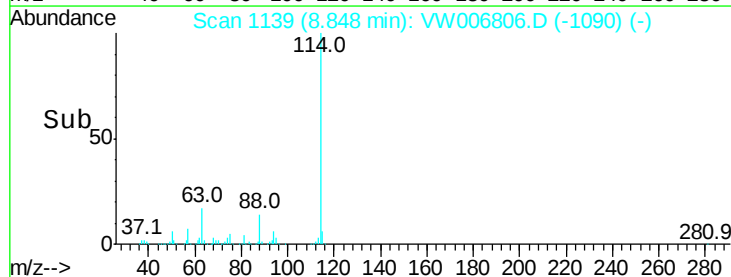
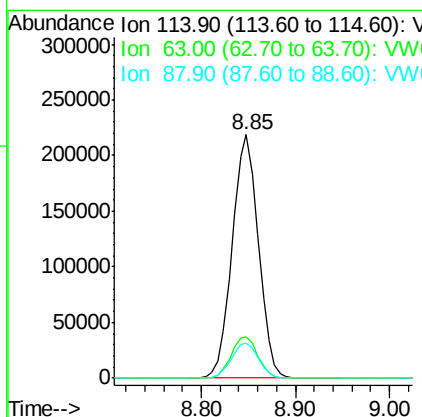
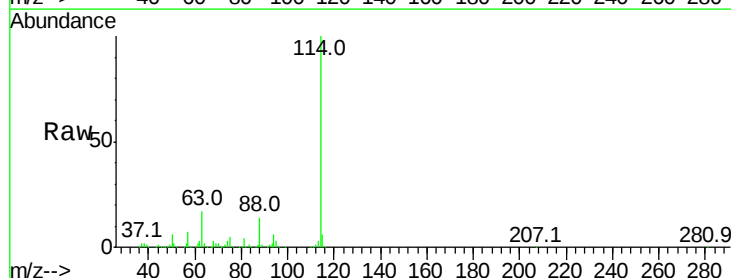
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

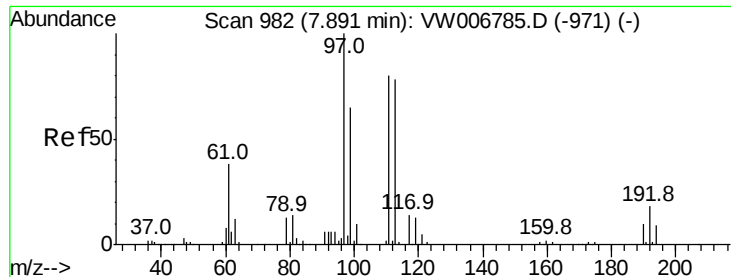
Tgt Ion: 65 Resp: 106229
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 114 Resp: 422479
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 34.0
 88 14.2 0.0 29.2

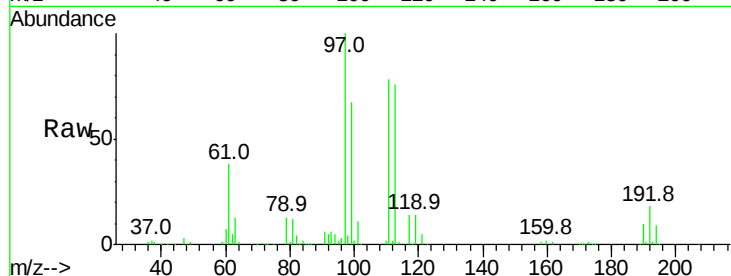




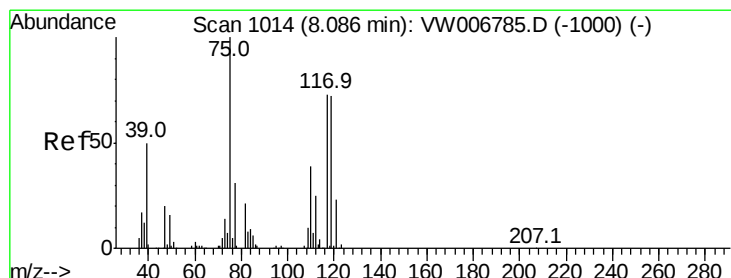
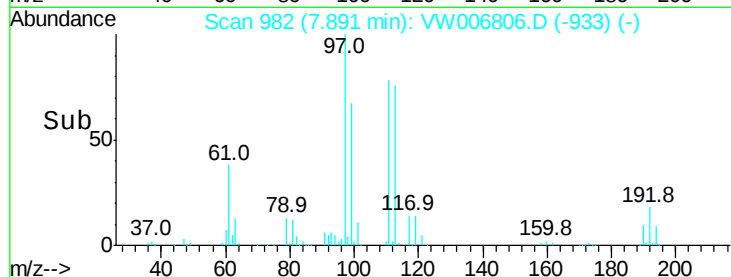
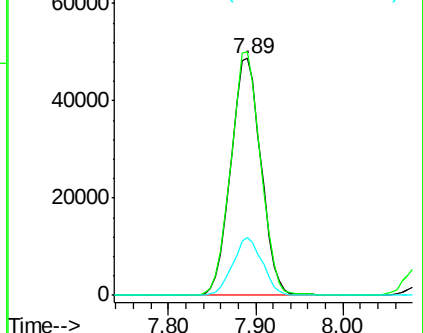
#35
Dibromofluoromethane
Concen: 48.766 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 117267
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.2
192 23.8 19.1 28.7

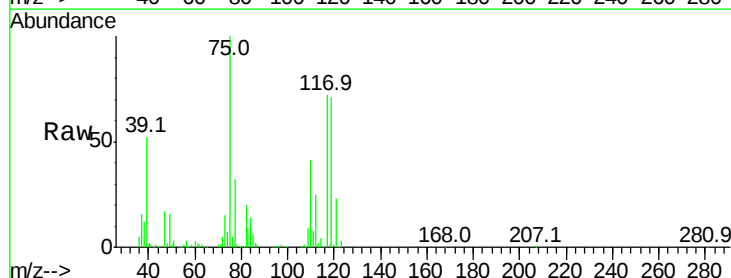


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

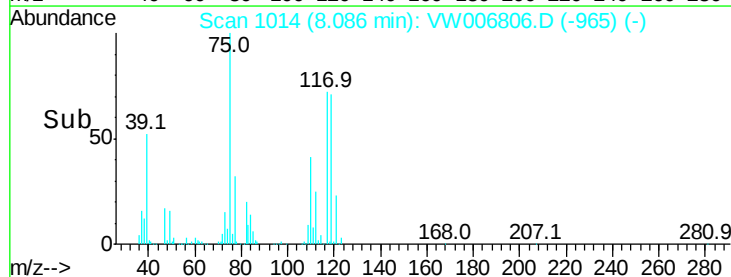
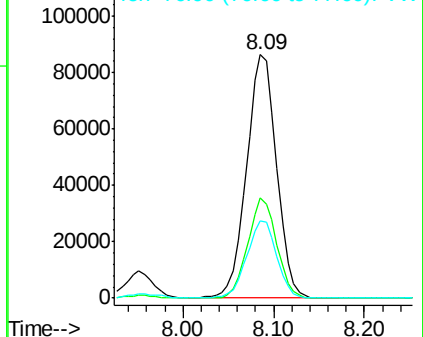


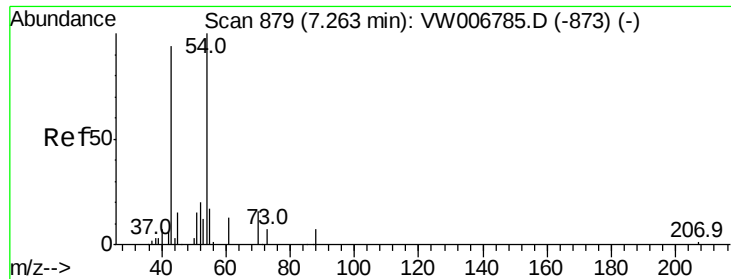
#36
1,1-Dichloropropene
Concen: 51.342 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 75 Resp: 196827
Ion Ratio Lower Upper
75 100
110 39.7 19.6 58.7
77 31.8 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

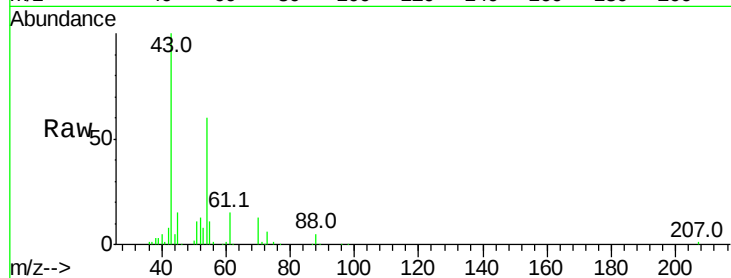




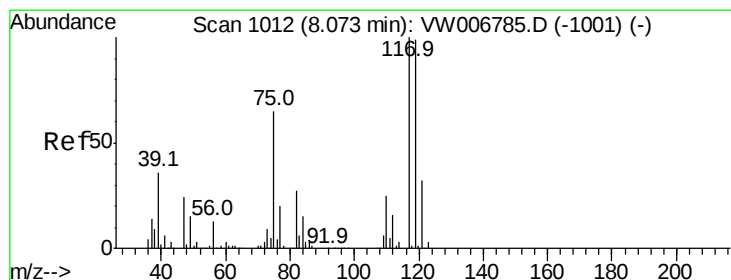
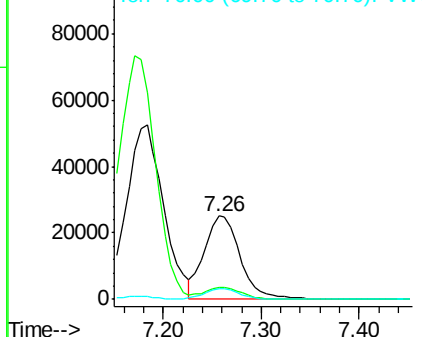
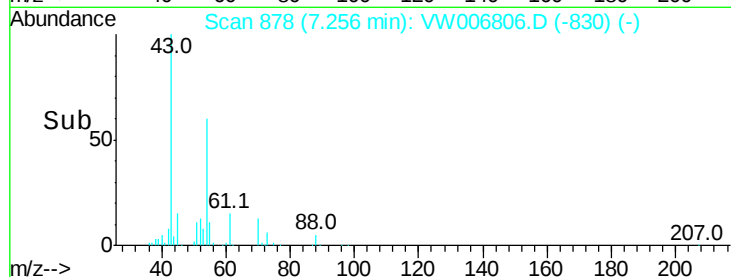
#37
Ethyl Acetate
Concen: 46.713 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 63597
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 12.5 9.8 14.8

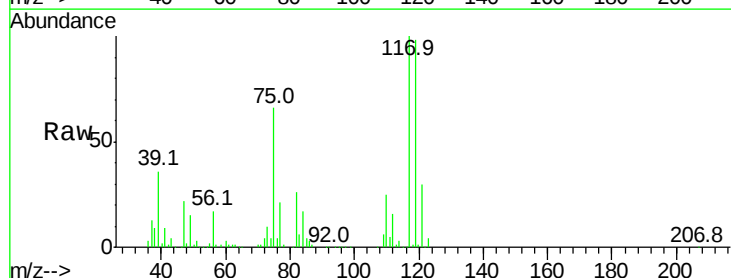


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

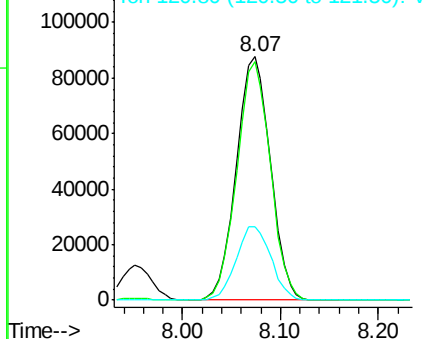
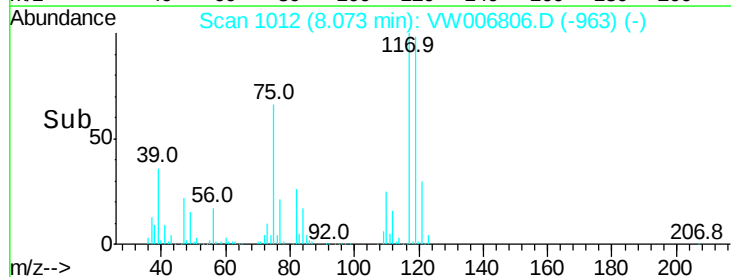


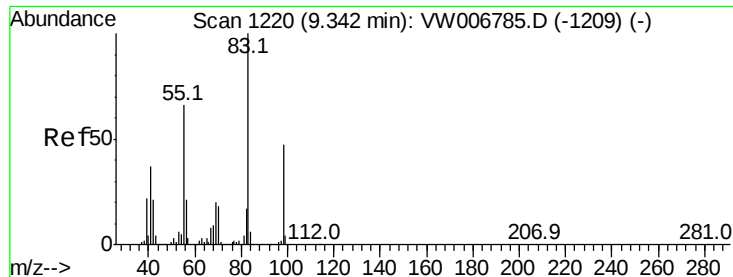
#38
Carbon Tetrachloride
Concen: 51.786 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 117 Resp: 212117
Ion Ratio Lower Upper
117 100
119 98.1 78.9 118.3
121 30.2 25.3 37.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

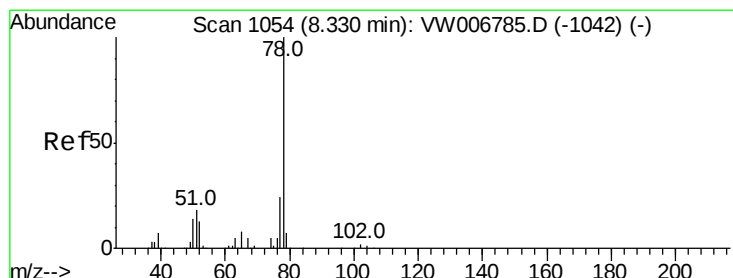
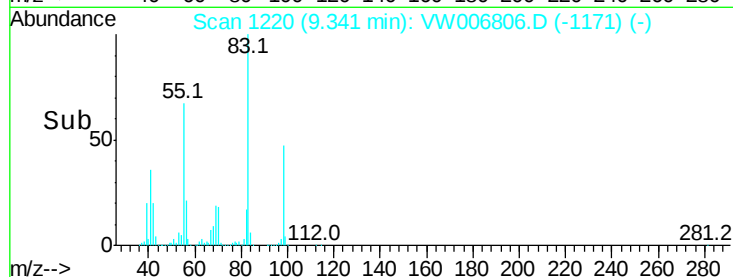
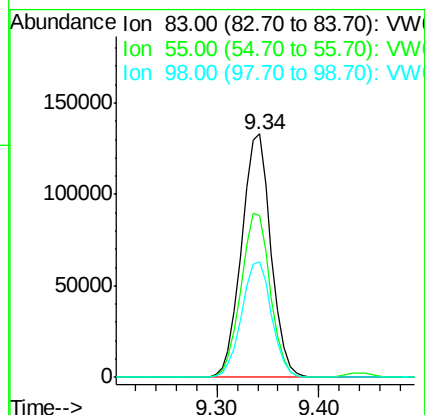
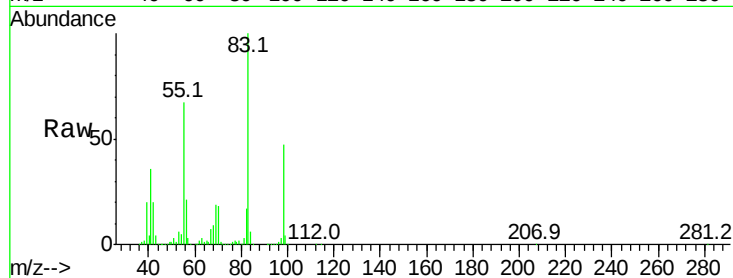




#39
Methylcyclohexane
Concen: 54.320 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

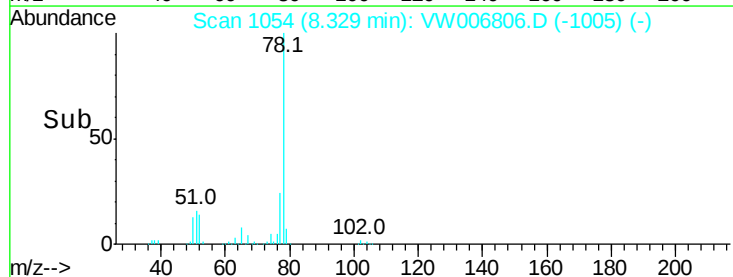
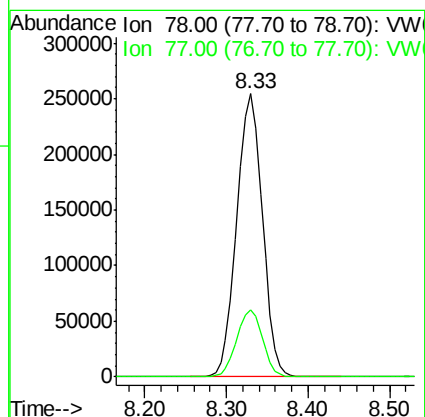
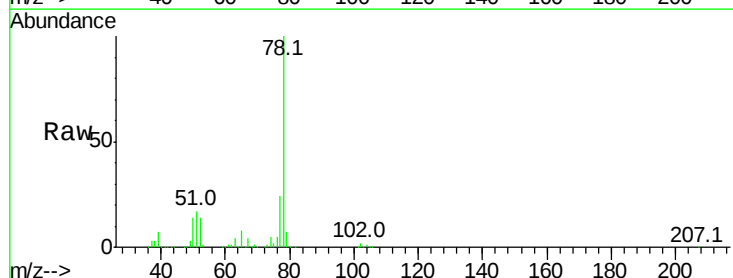
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

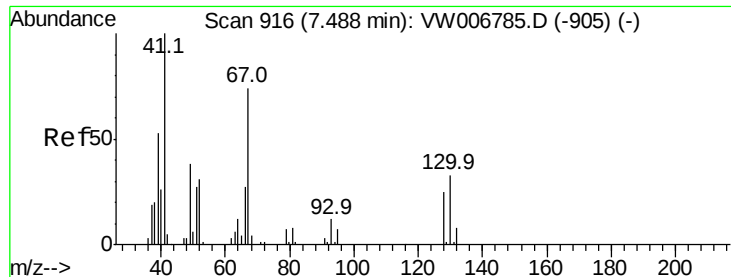
Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.0	79.4
98	47.4	37.9	56.9



#40
Benzene
Concen: 51.155 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





#41

Methacrylonitrile

Concen: 51.011 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 40291

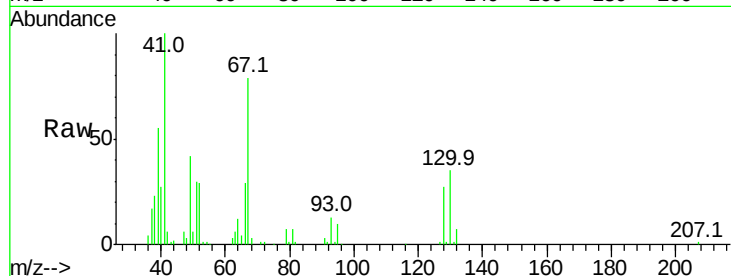
Ion Ratio Lower Upper

41 100

39 60.1 49.3 73.9

67 76.8 69.3 103.9

52 29.0 28.2 42.4

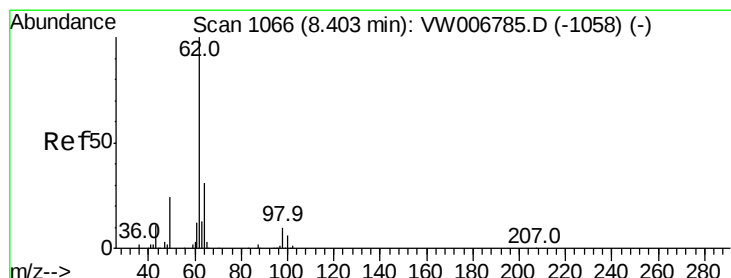
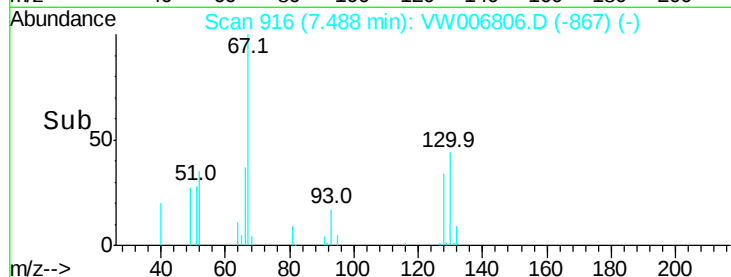
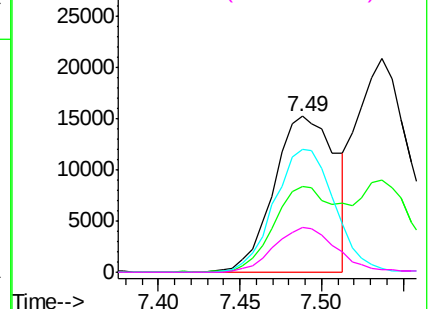


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 48.440 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006806.D

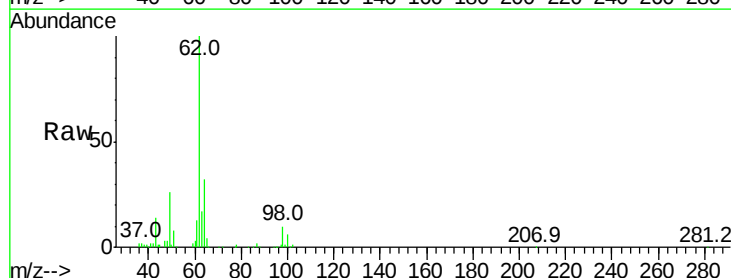
Acq: 12 Nov 2018 13:41

Tgt Ion: 62 Resp: 142736

Ion Ratio Lower Upper

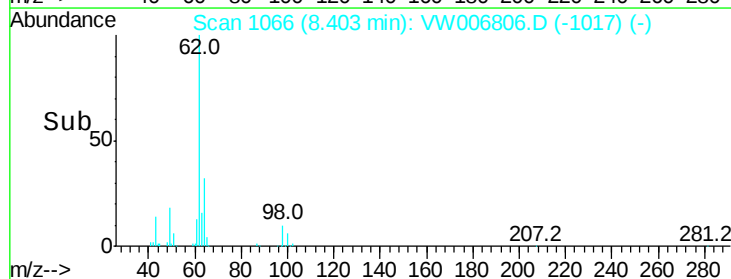
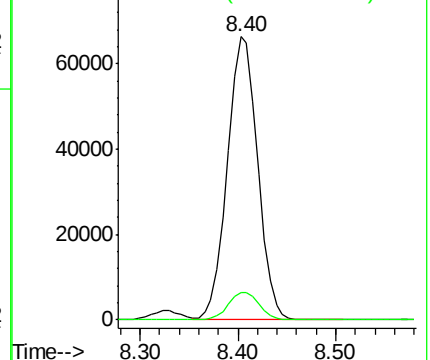
62 100

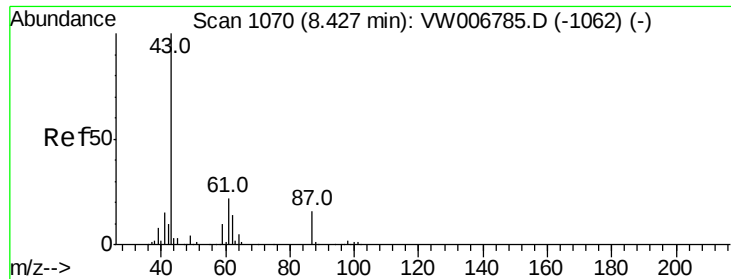
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.182 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

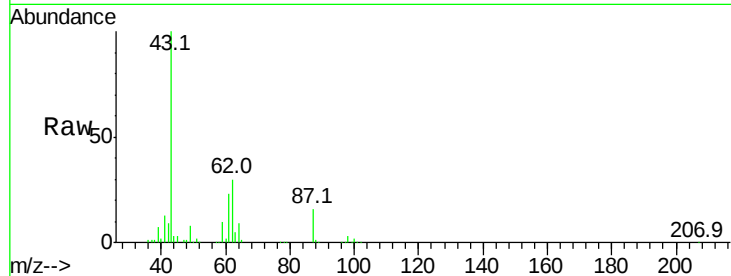
Tgt Ion: 43 Resp: 125525

Ion Ratio Lower Upper

43 100

61 33.7 26.5 39.7

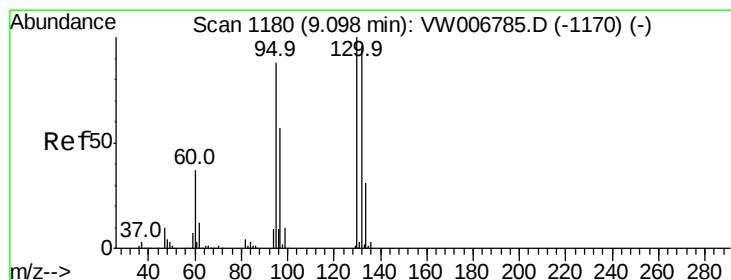
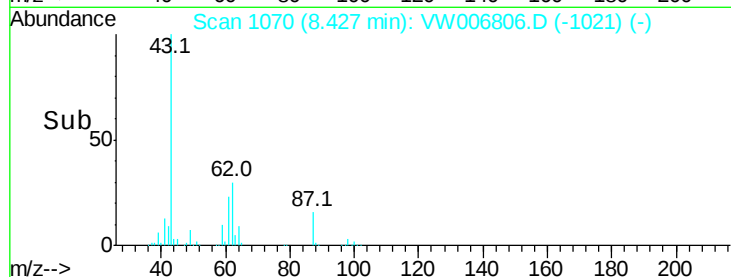
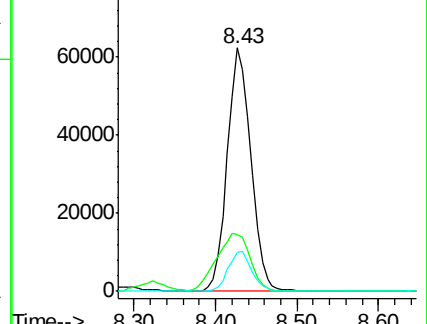
87 16.2 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.325 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006806.D

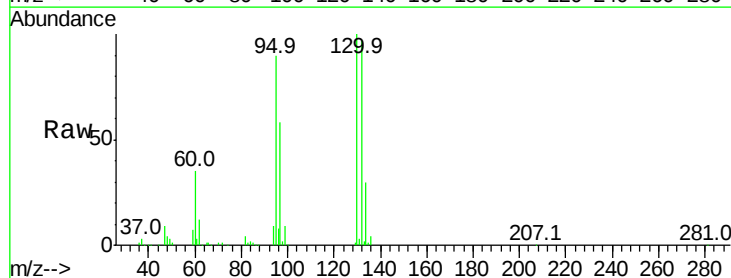
Acq: 12 Nov 2018 13:41

Tgt Ion: 130 Resp: 170832

Ion Ratio Lower Upper

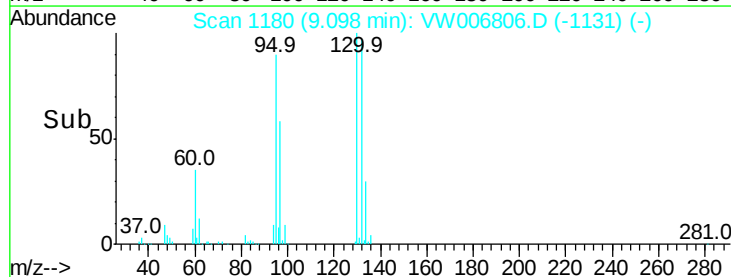
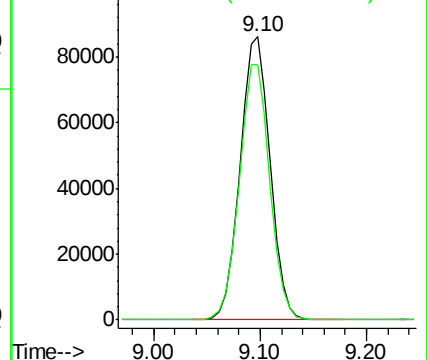
130 100

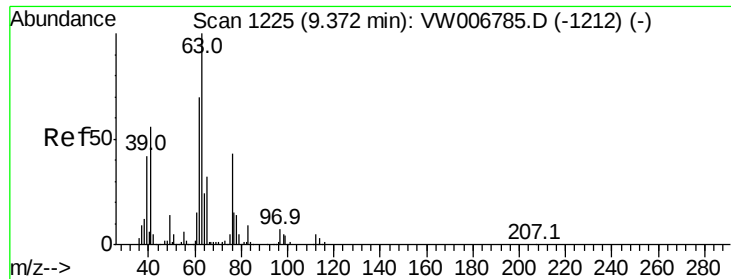
95 90.1 0.0 175.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.361 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

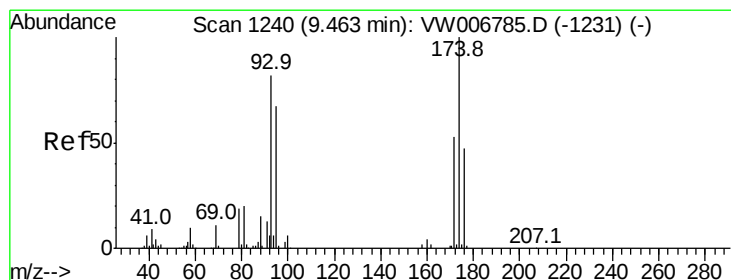
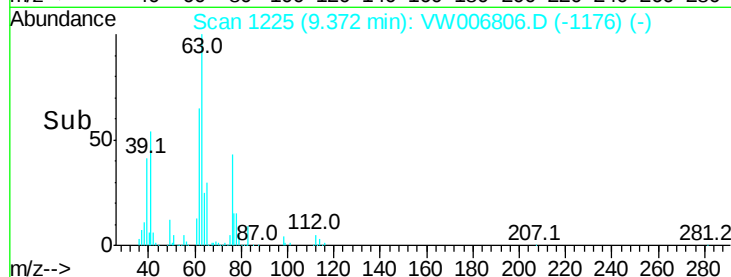
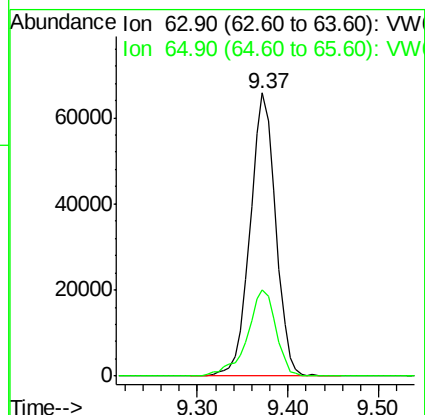
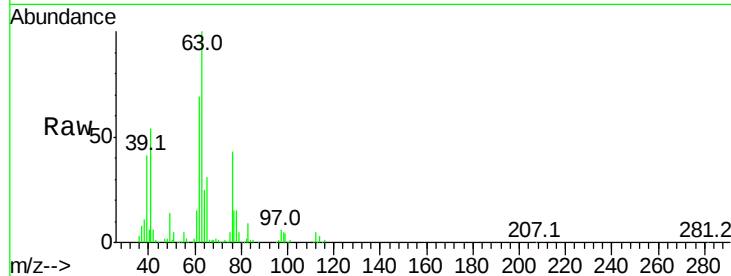
VSTDICCC050

Tgt Ion: 63 Resp: 128039

Ion Ratio Lower Upper

63 100

65 30.5 25.5 38.3



#46

Dibromomethane

Concen: 48.478 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

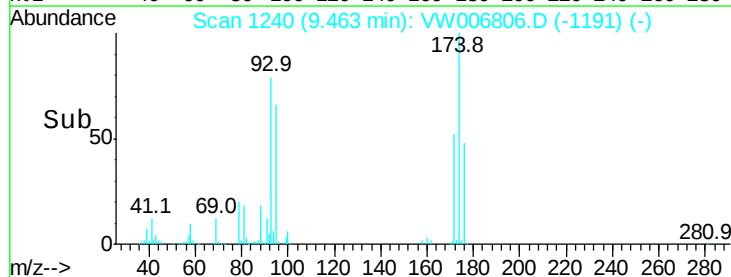
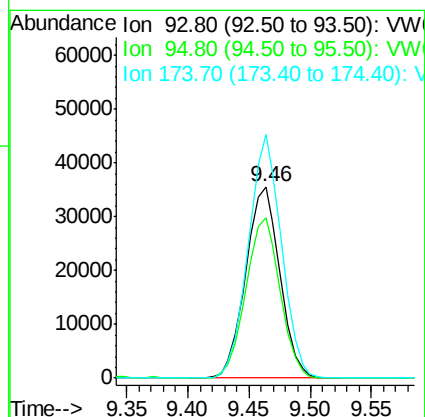
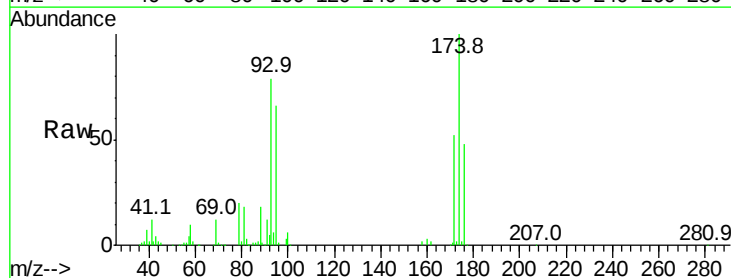
Tgt Ion: 93 Resp: 69198

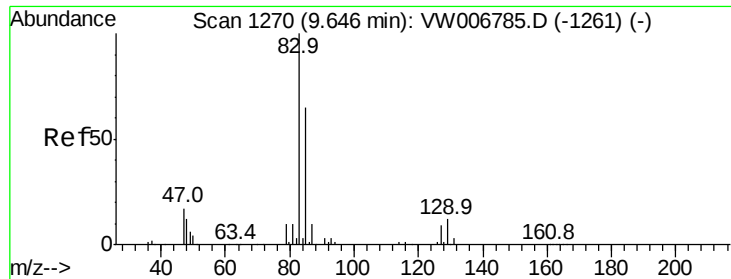
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 123.2 96.4 144.6





#47

Bromodichloromethane

Concen: 50.292 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

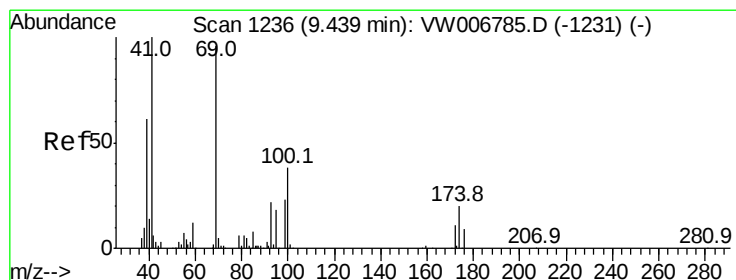
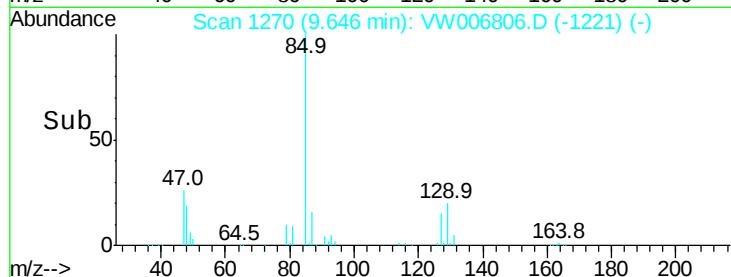
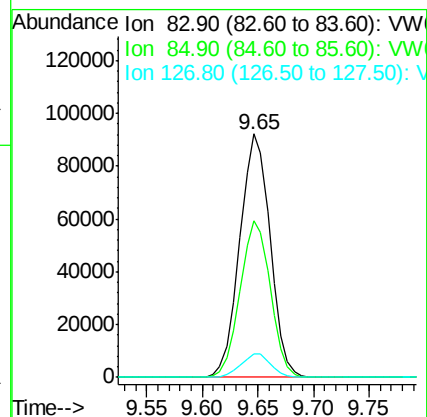
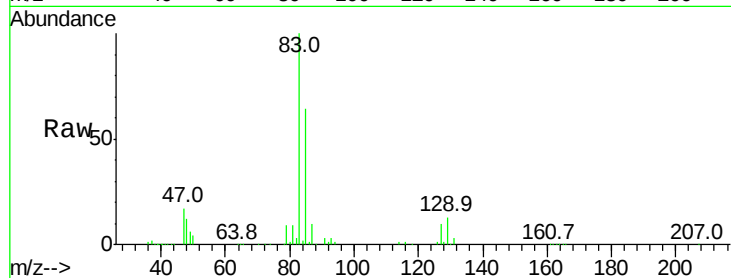
Tgt Ion: 83 Resp: 174198

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

127 9.5 7.4 11.2



#48

Methyl methacrylate

Concen: 51.524 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

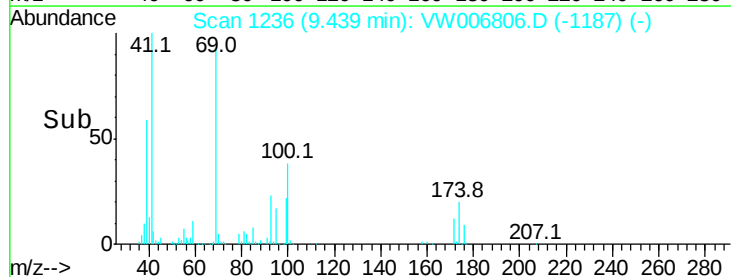
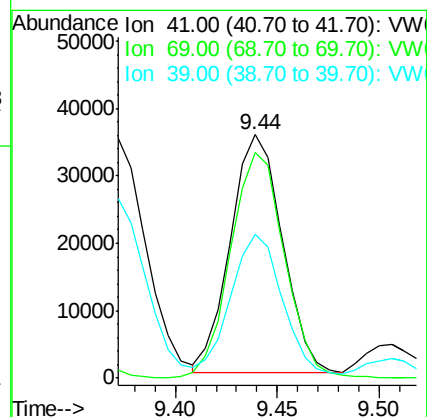
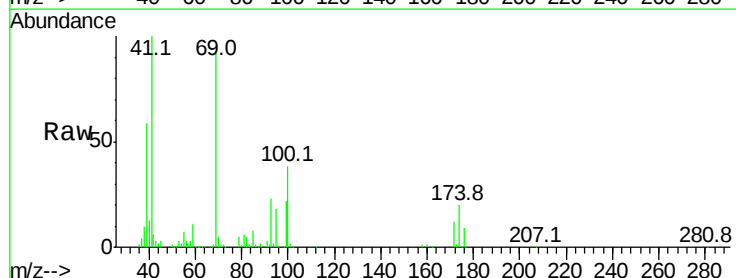
Tgt Ion: 41 Resp: 61933

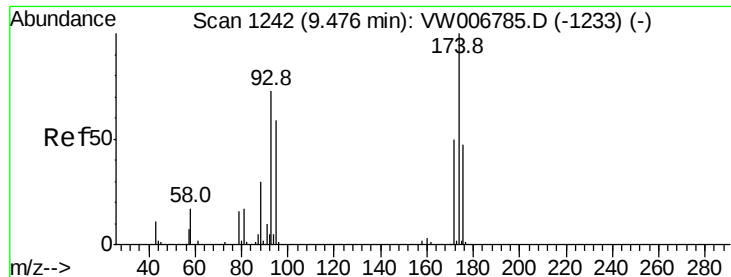
Ion Ratio Lower Upper

41 100

69 99.7 81.5 122.3

39 57.4 48.0 72.0





#49

1,4-Dioxane

Concen: 1082.313 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

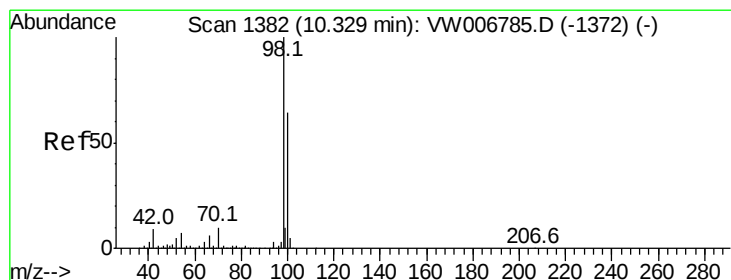
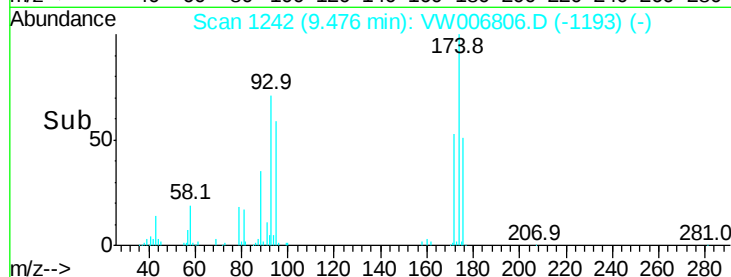
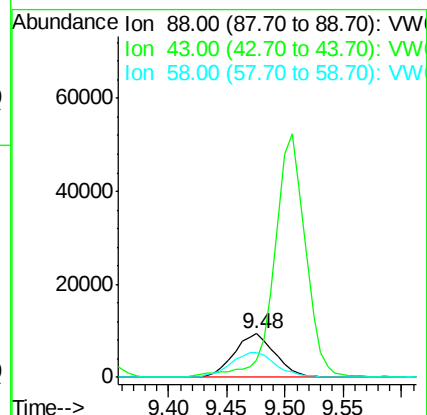
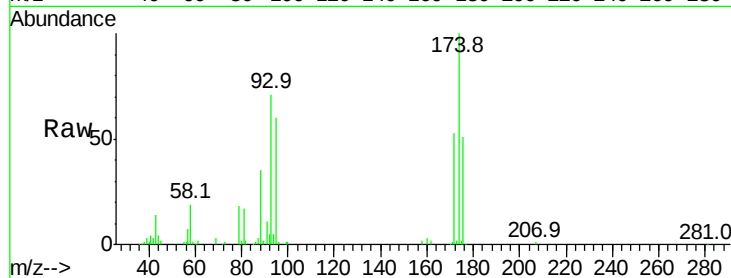
Tgt Ion: 88 Resp: 23129

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.2 53.7 80.5



#50

Toluene-d8

Concen: 50.079 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006806.D

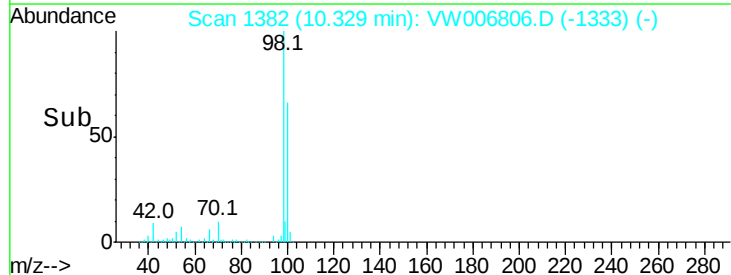
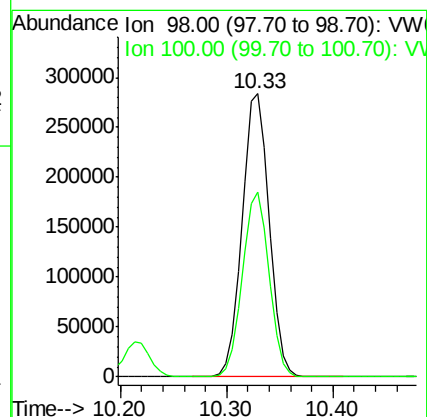
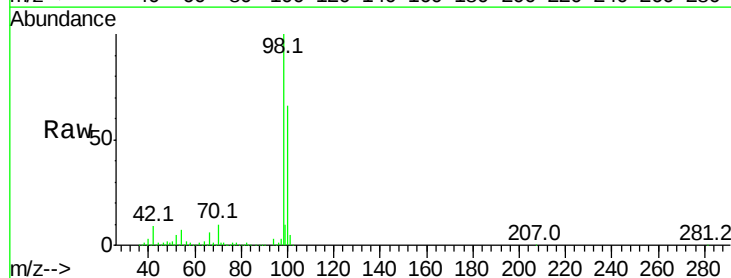
Acq: 12 Nov 2018 13:41

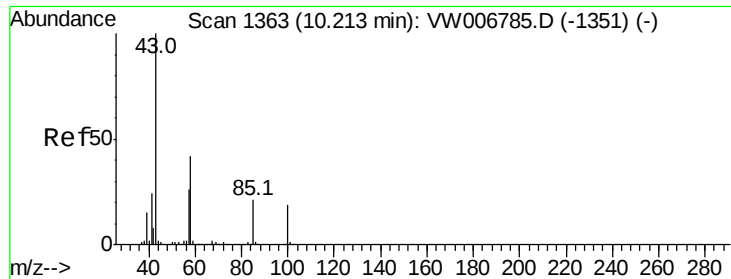
Tgt Ion: 98 Resp: 506817

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

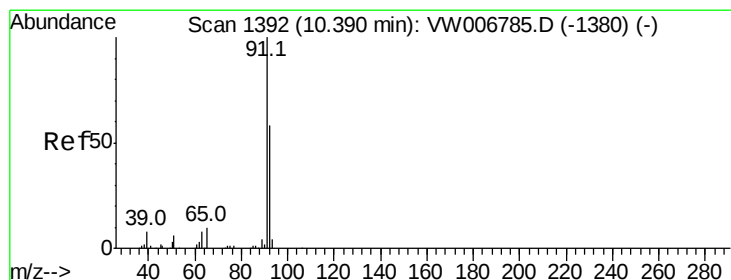
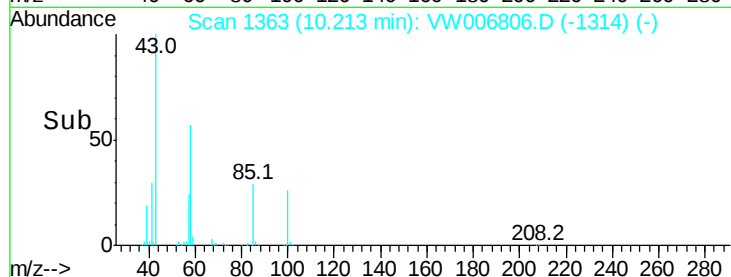
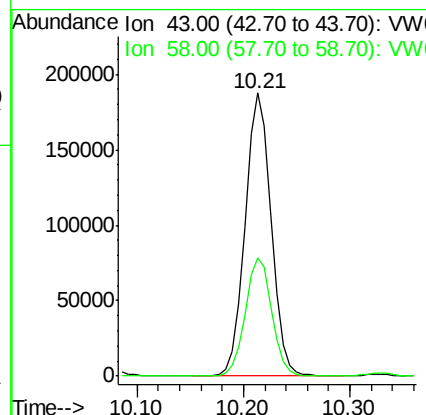
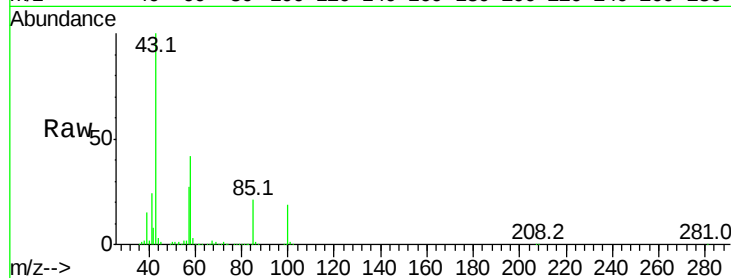




#51
 4-Methyl-2-Pentanone
 Concen: 245.175 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

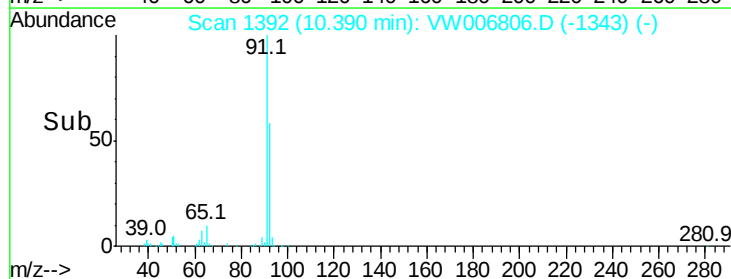
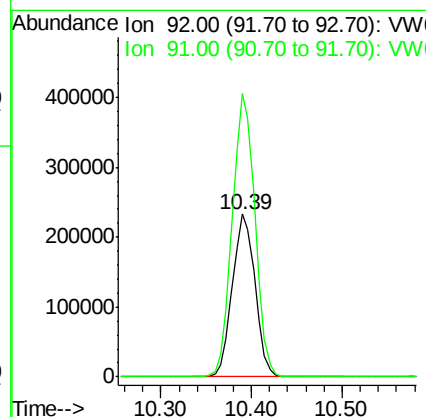
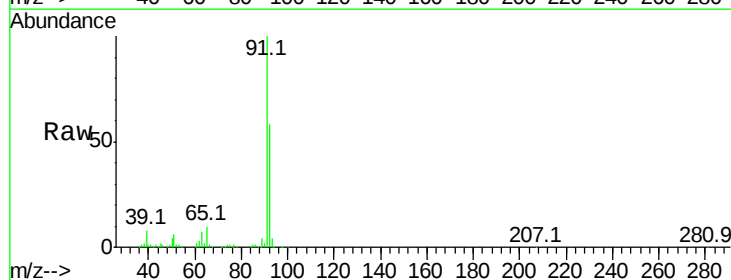
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

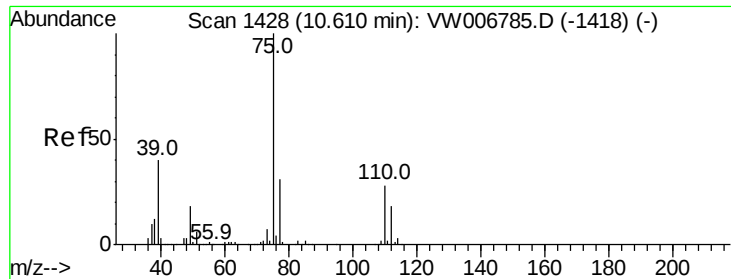
Tgt Ion: 43 Resp: 321489
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.2 49.8



#52
 Toluene
 Concen: 52.913 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 92 Resp: 402717
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.6 207.8

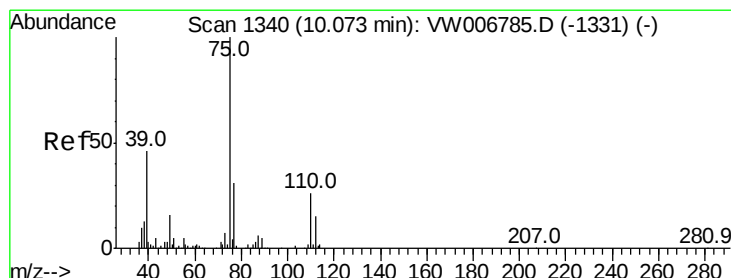
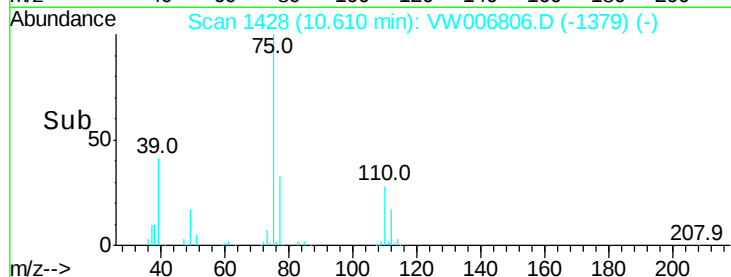
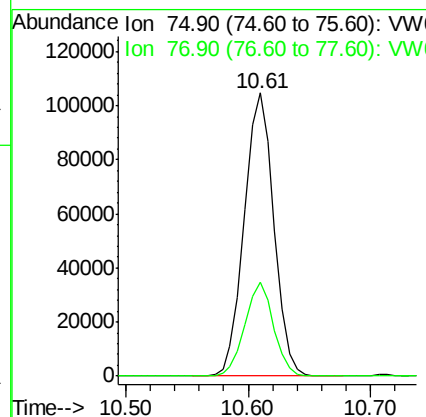
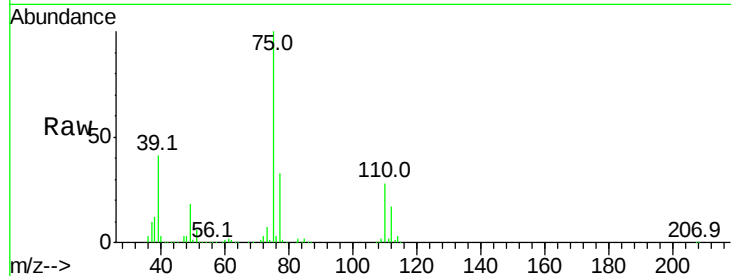




#53
 t-1,3-Dichloropropene
 Concen: 52.328 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

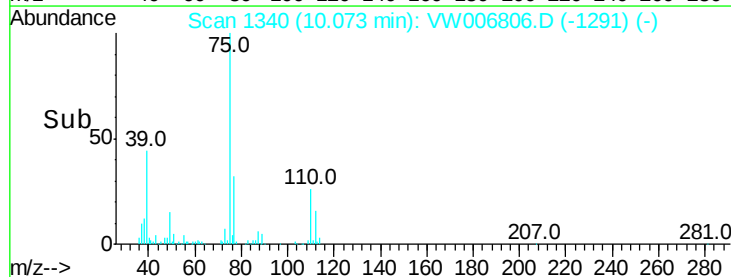
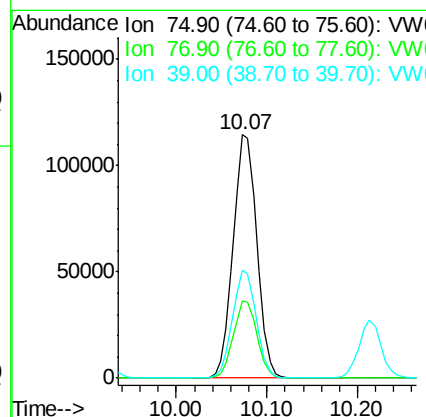
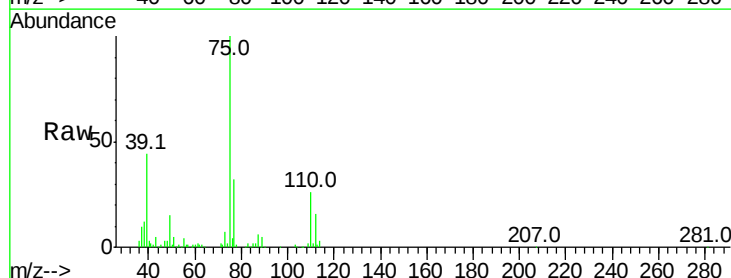
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

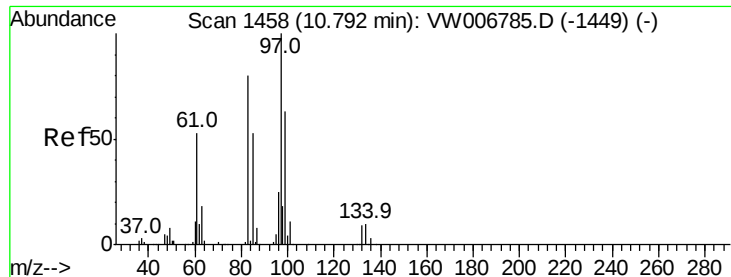
Tgt Ion: 75 Resp: 175752
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.342 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 75 Resp: 208432
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 44.1 37.1 55.7

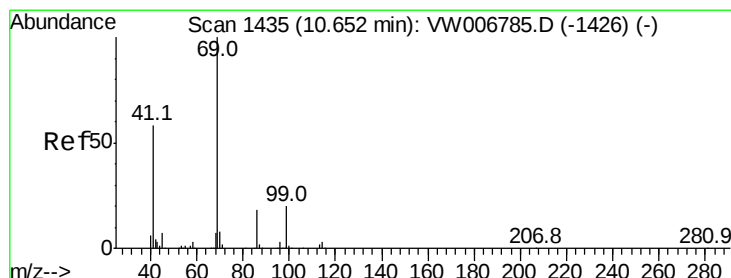
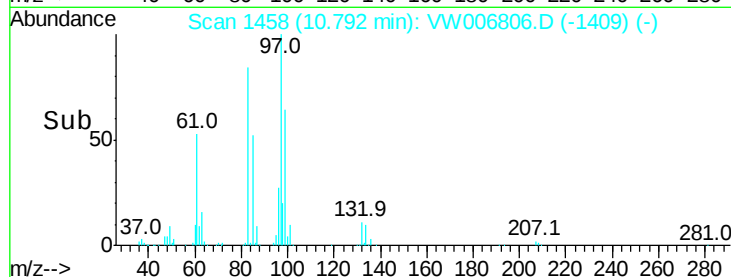
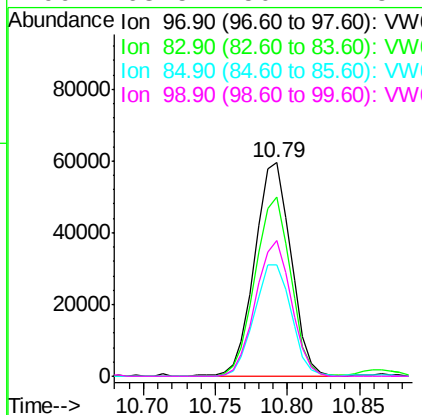
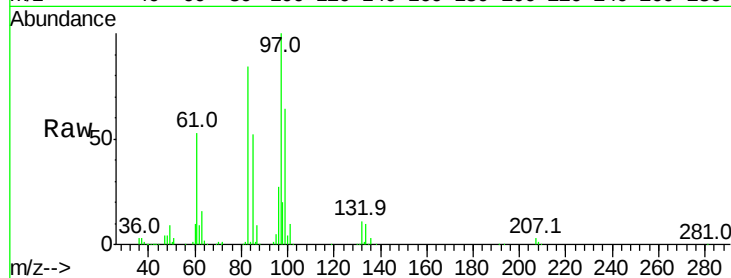




#55
 1,1,2-Trichloroethane
 Concen: 49.484 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

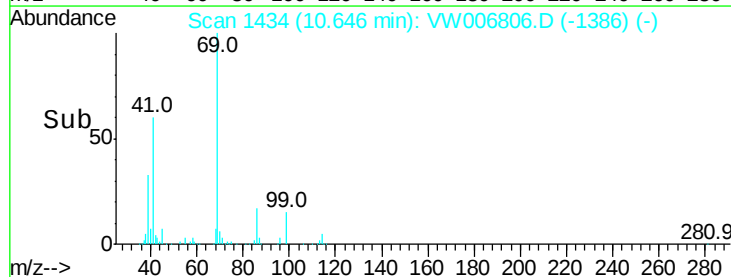
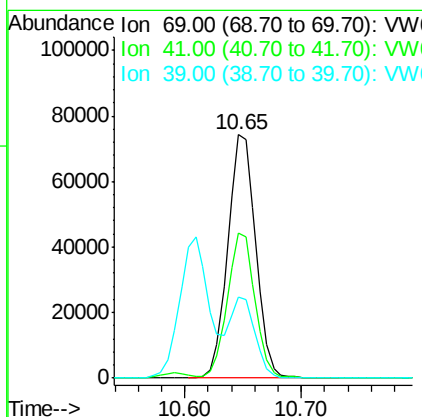
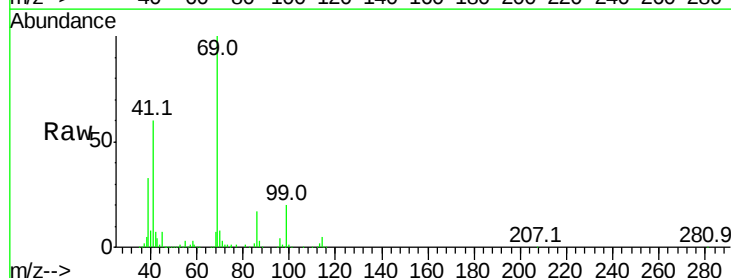
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

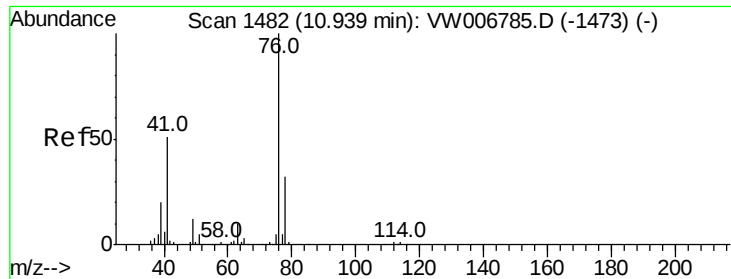
Tgt Ion:	97	Resp:	104056
Ion	Ratio	Lower	Upper
97	100		
83	83.7	64.4	96.6
85	52.1	42.6	63.8
99	63.5	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 53.231 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion:	69	Resp:	123608
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.2	70.8
39	28.9	23.4	35.0





#57

1,3-Dichloropropane

Concen: 49.747 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampled :

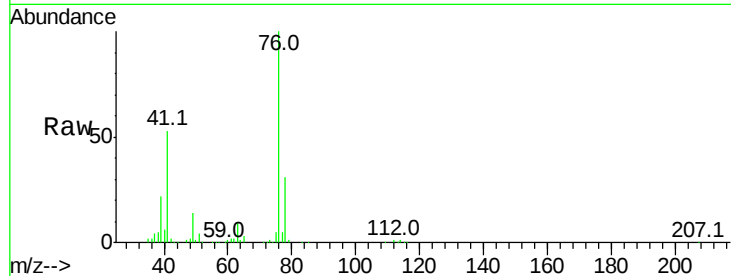
VSTDICCC050

Tgt Ion: 76 Resp: 167230

Ion Ratio Lower Upper

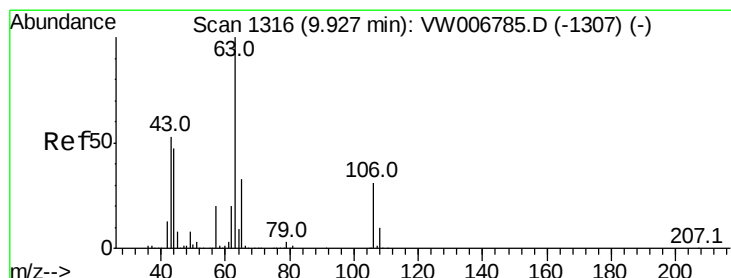
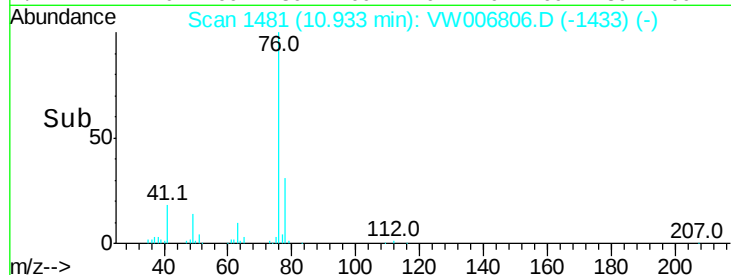
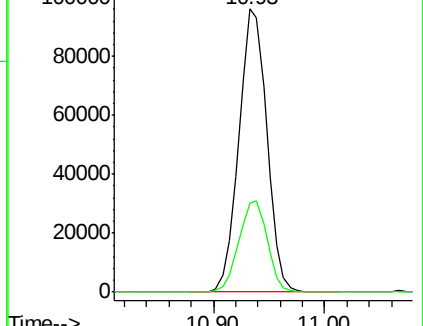
76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 256.664 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006806.D

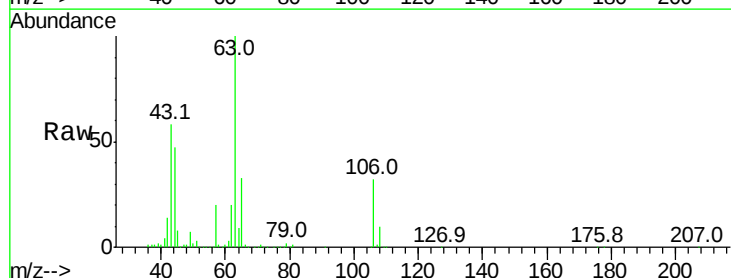
Acq: 12 Nov 2018 13:41

Tgt Ion: 63 Resp: 296812

Ion Ratio Lower Upper

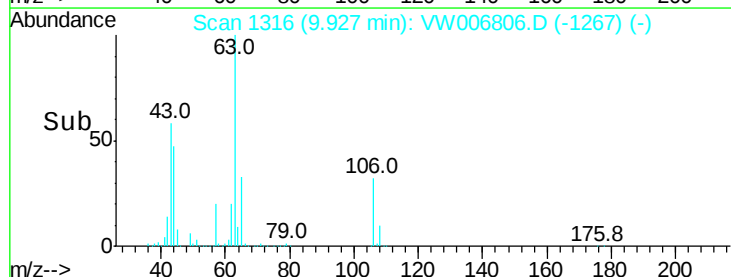
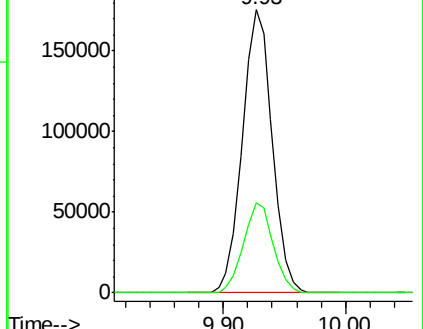
63 100

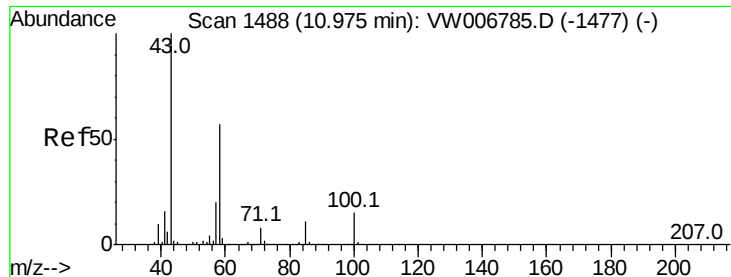
106 31.7 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

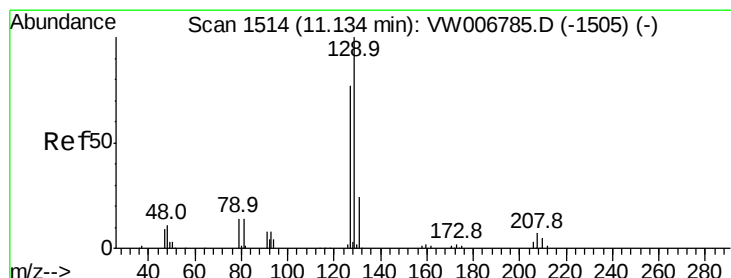
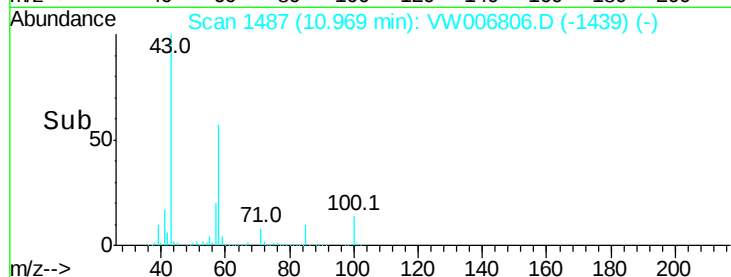
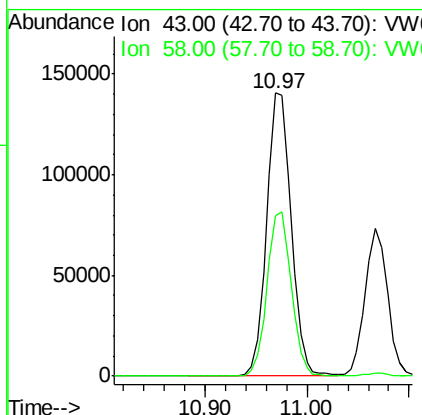
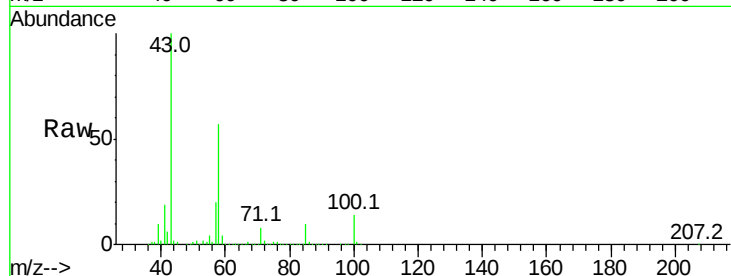




#59
2-Hexanone
Concen: 263.764 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

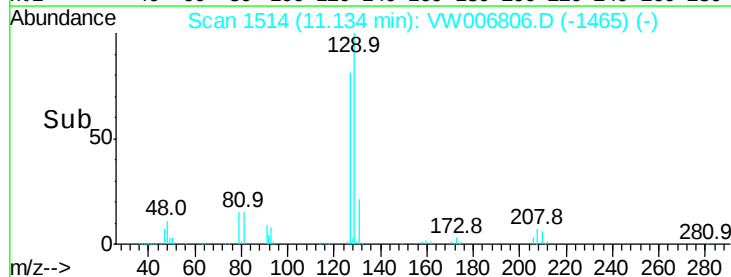
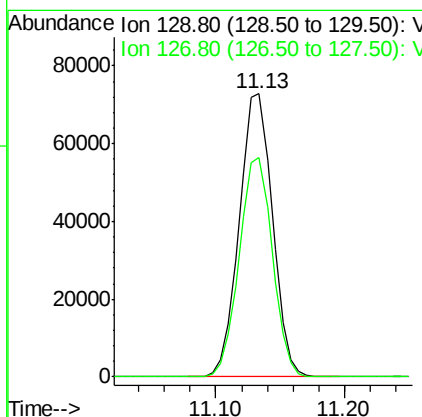
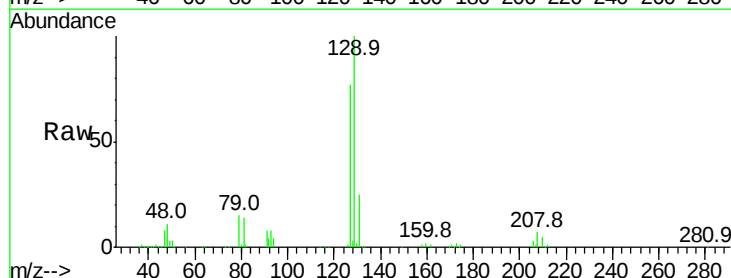
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

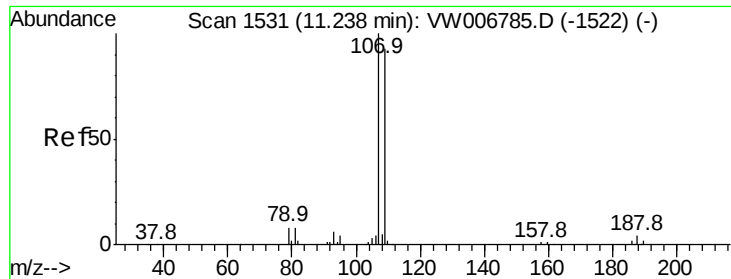
Tgt Ion: 43 Resp: 234394
Ion Ratio Lower Upper
43 100
58 57.4 28.5 85.5



#60
Dibromochloromethane
Concen: 51.397 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 129 Resp: 129913
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

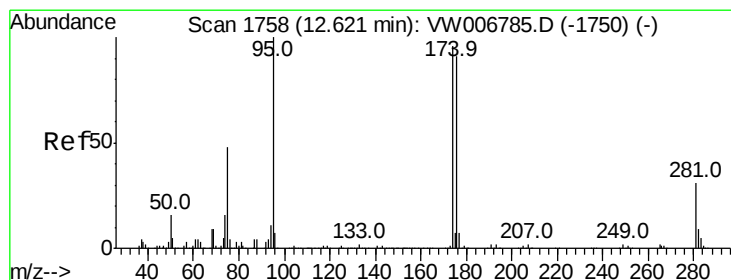
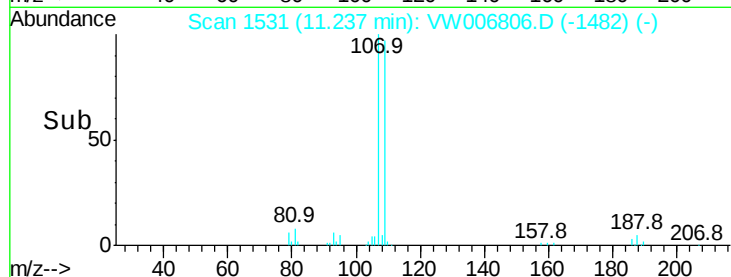
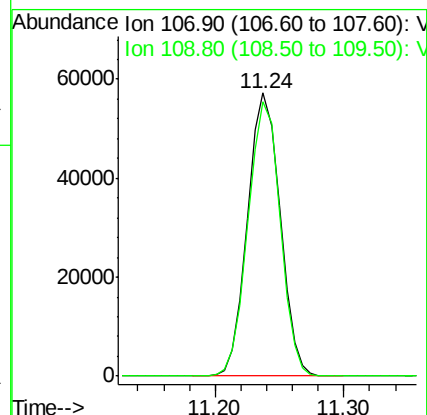
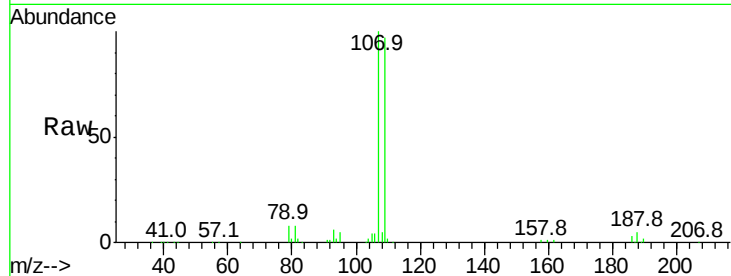




#61
 1,2-Dibromoethane
 Concen: 49.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

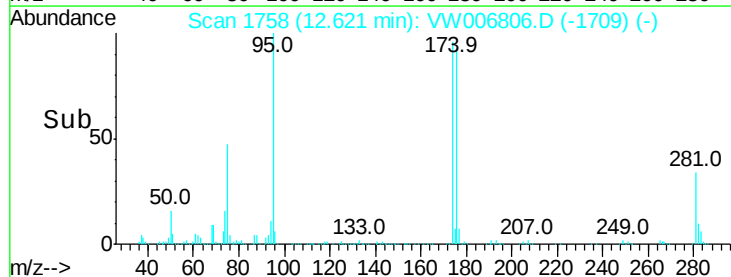
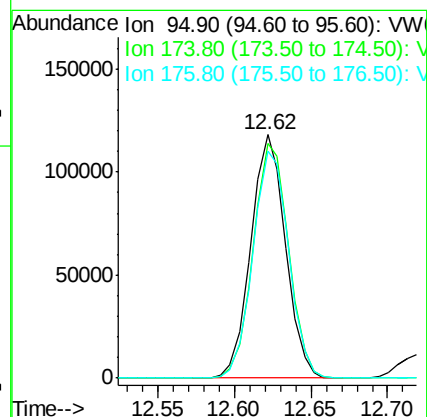
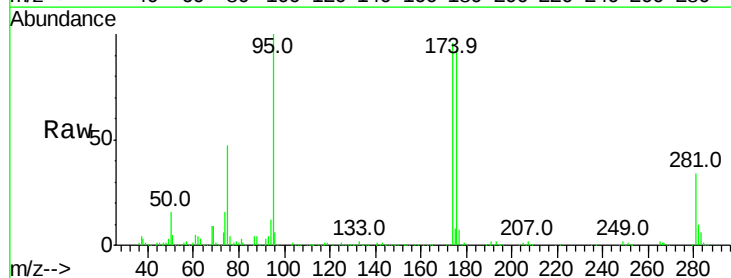
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

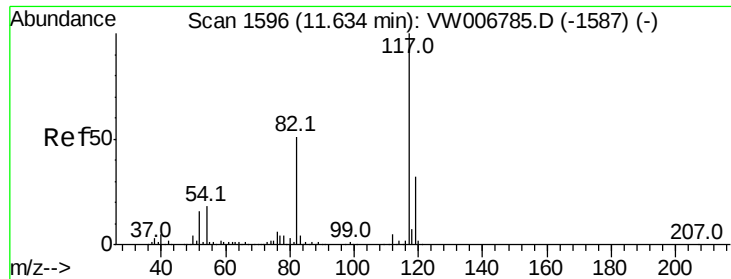
Tgt Ion: 107 Resp: 99945
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 95 Resp: 186144
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 196.2
 176 95.8 0.0 190.8

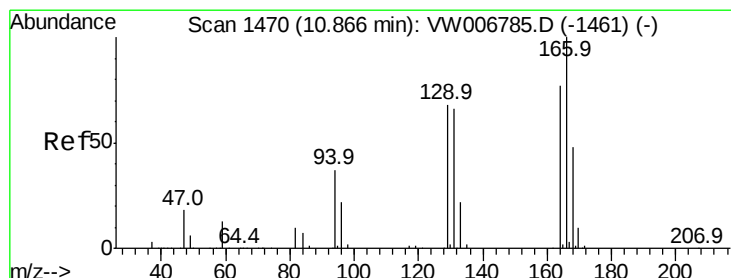
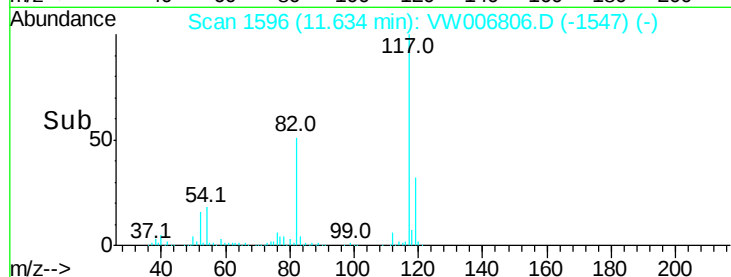
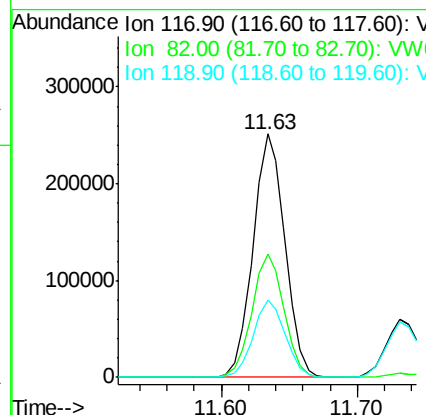
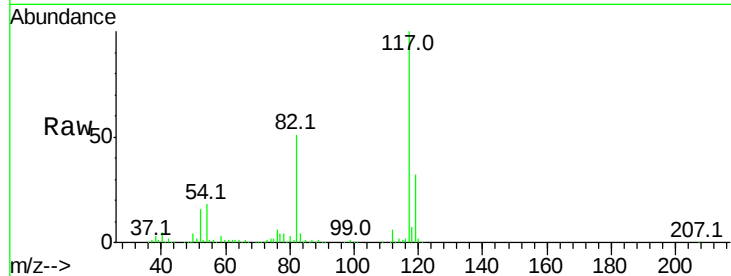




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

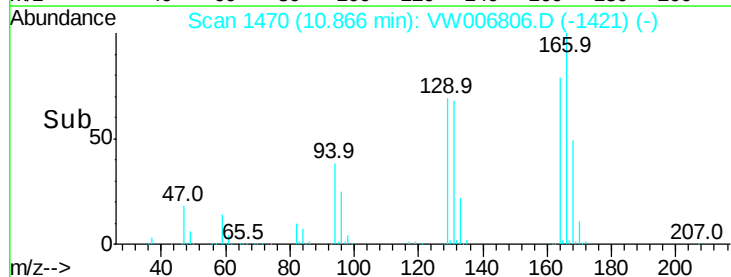
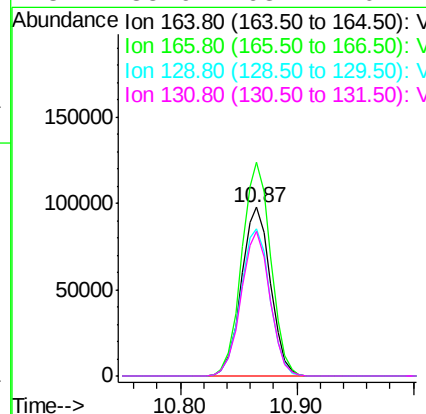
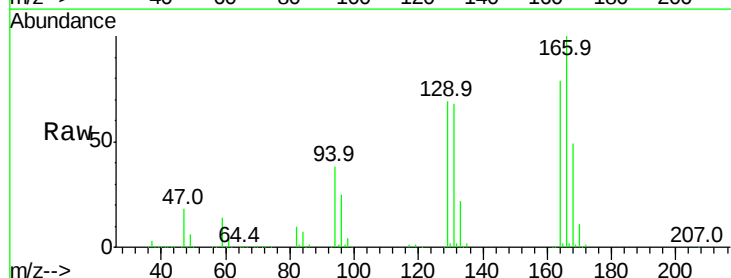
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

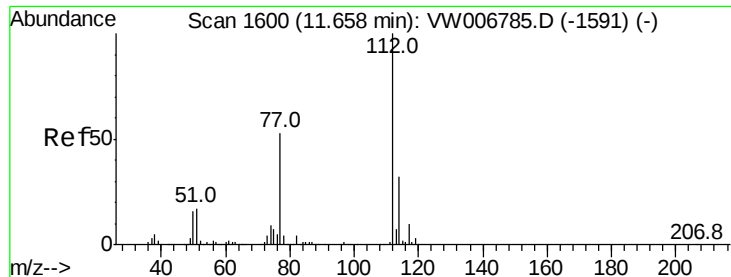
Tgt Ion:117 Resp: 413865
Ion Ratio Lower Upper
117 100
82 50.8 40.9 61.3
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 53.799 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion:164 Resp: 170026
Ion Ratio Lower Upper
164 100
166 126.6 103.7 155.5
129 87.0 70.4 105.6
131 85.9 68.2 102.2

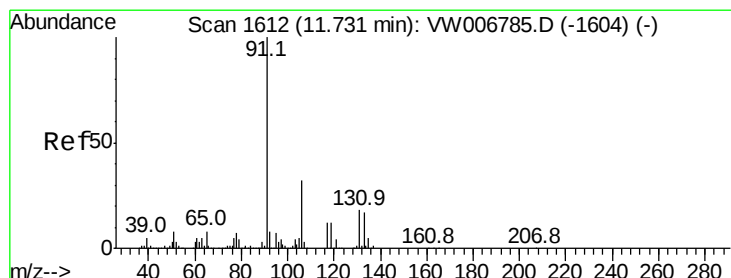
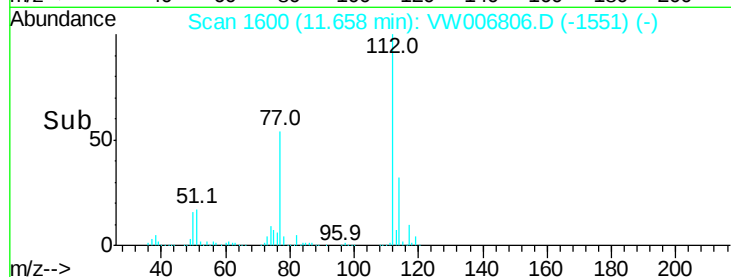
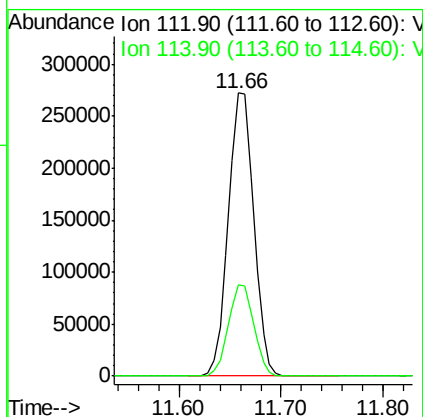
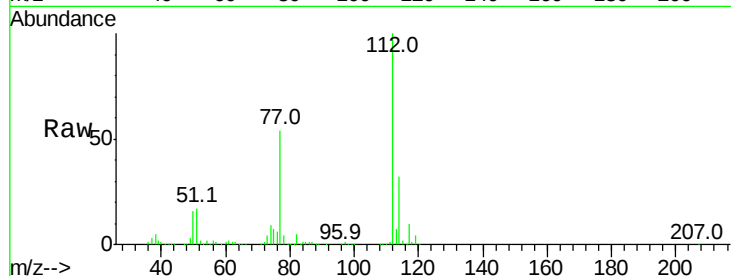




#65
Chlorobenzene
Concen: 53.120 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

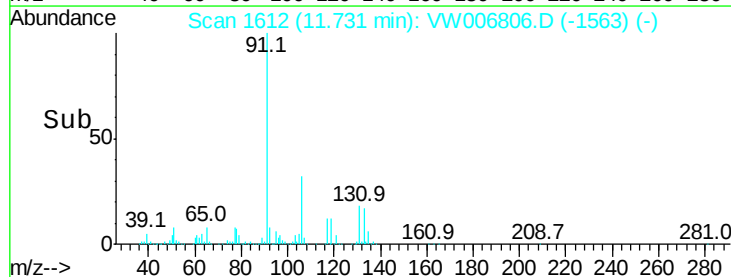
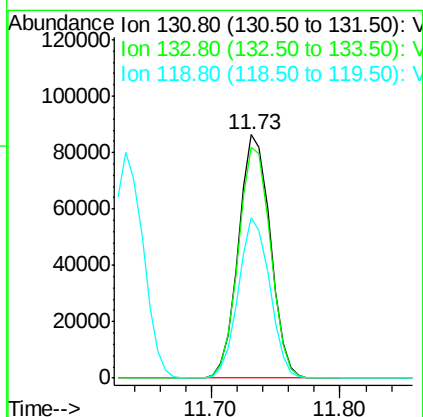
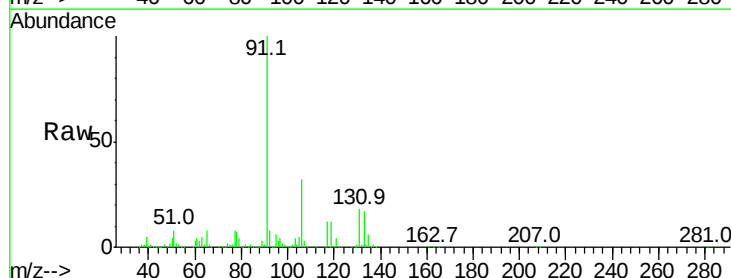
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

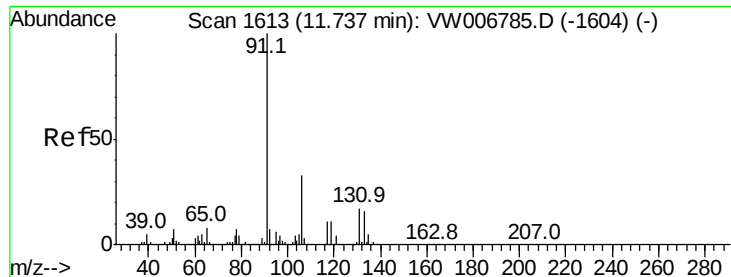
Tgt Ion:112 Resp: 467952
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion:131 Resp: 147767
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 64.8 32.3 96.8

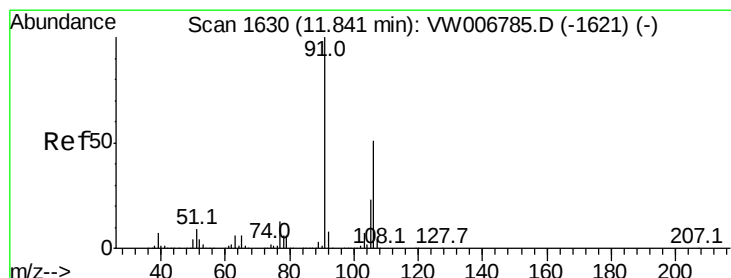
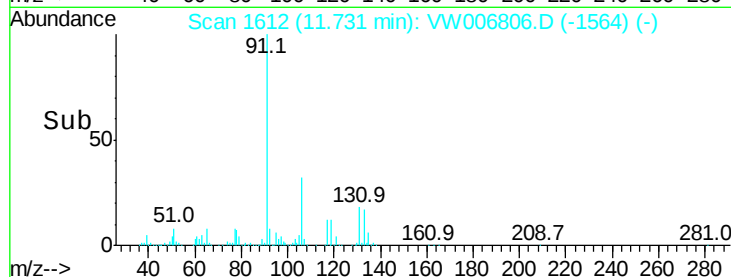
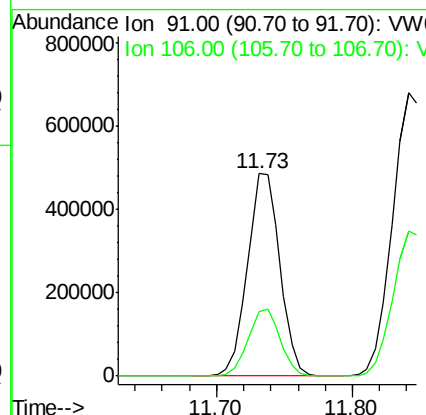
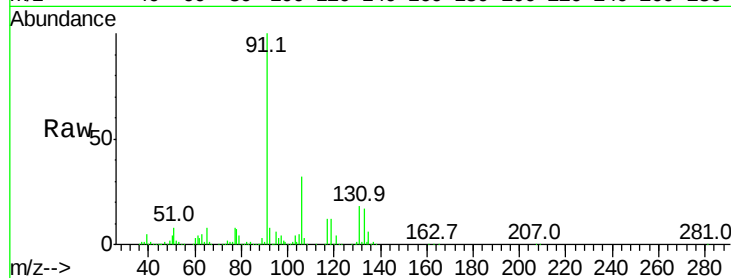




#67
Ethyl Benzene
Concen: 54.645 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

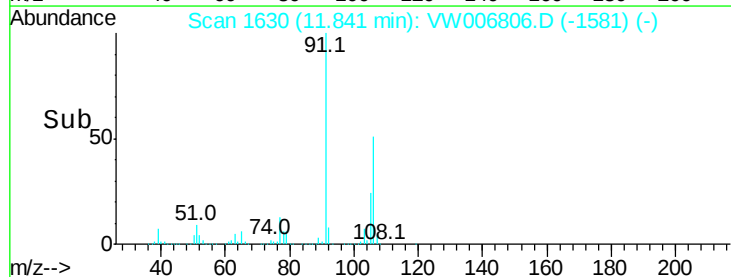
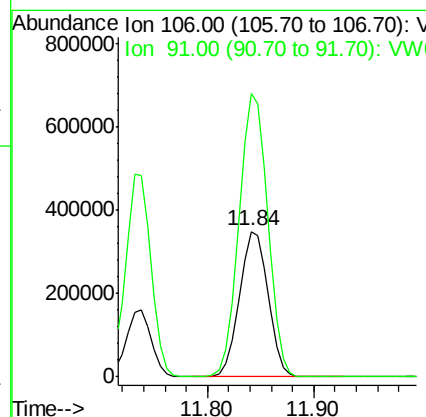
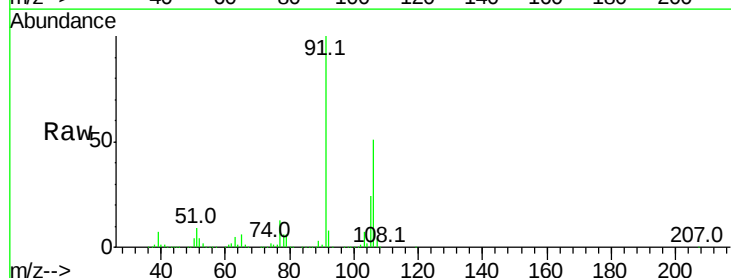
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

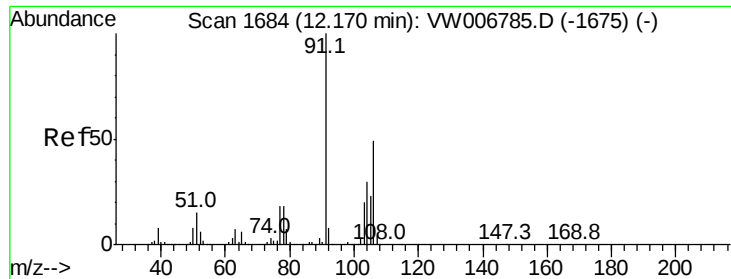
Tgt Ion: 91 Resp: 809822
Ion Ratio Lower Upper
91 100
106 31.7 26.3 39.5



#68
m/p-Xylenes
Concen: 109.325 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 106 Resp: 660850
Ion Ratio Lower Upper
106 100
91 194.6 155.3 232.9

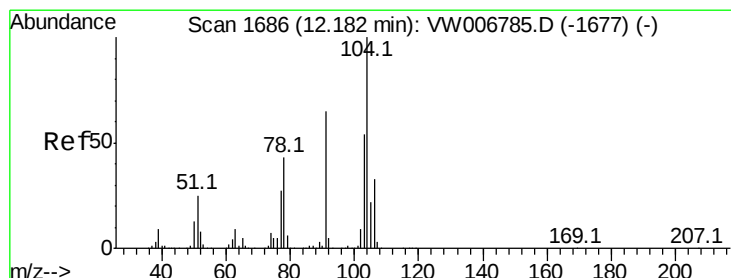
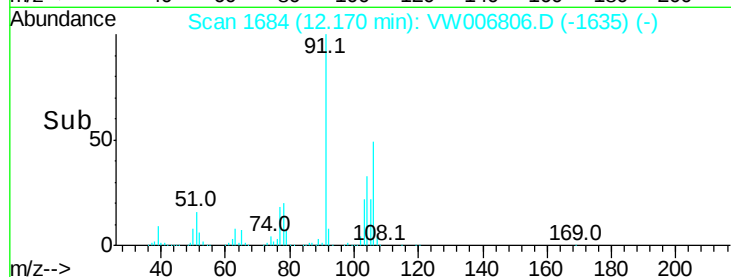
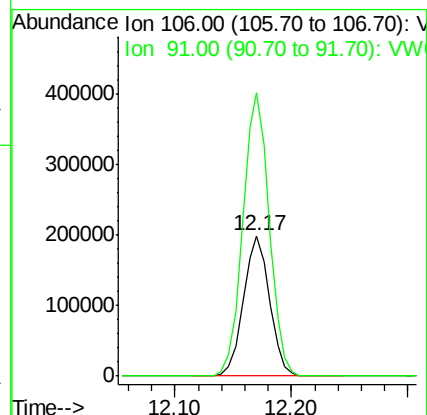
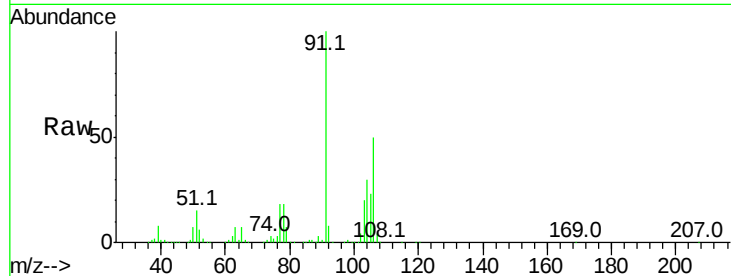




#69
o-Xylene
Concen: 55.783 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

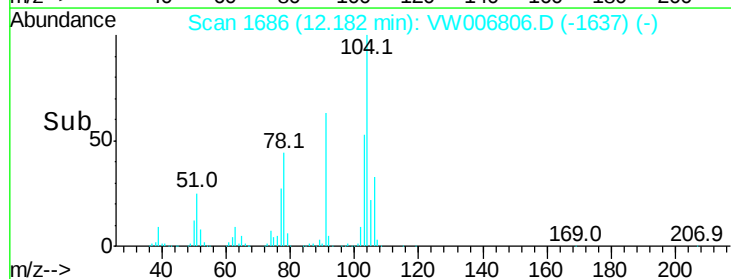
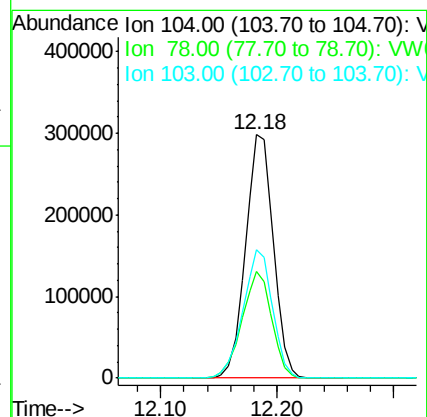
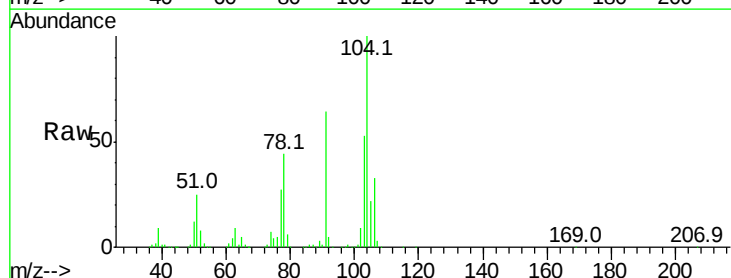
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

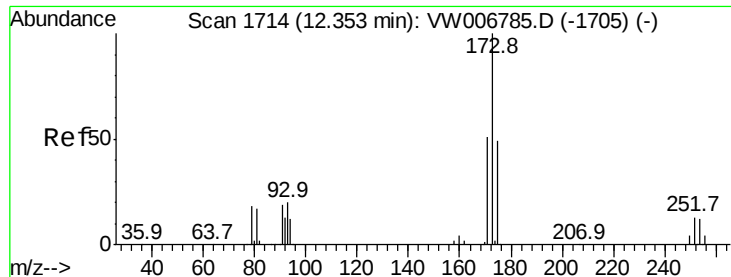
Tgt Ion:106 Resp: 310434
Ion Ratio Lower Upper
106 100
91 203.8 103.0 308.9



#70
Styrene
Concen: 55.053 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion:104 Resp: 497983
Ion Ratio Lower Upper
104 100
78 46.6 37.1 55.7
103 55.7 44.4 66.6





#71

Bromoform

Concen: 52.244 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

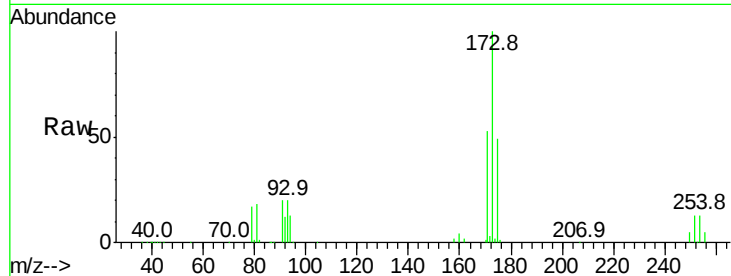
Tgt Ion:173 Resp: 81669

Ion Ratio Lower Upper

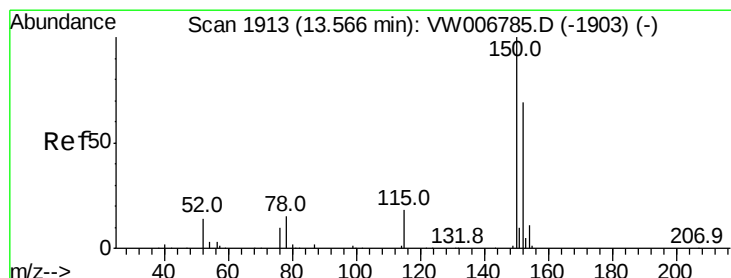
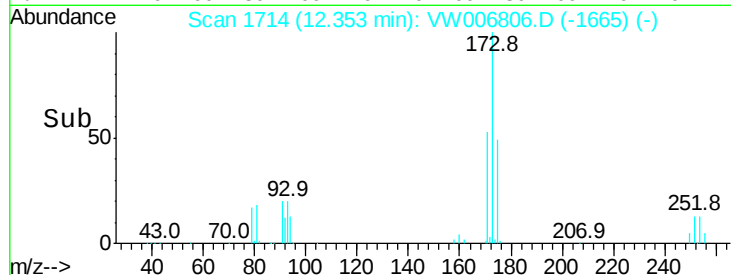
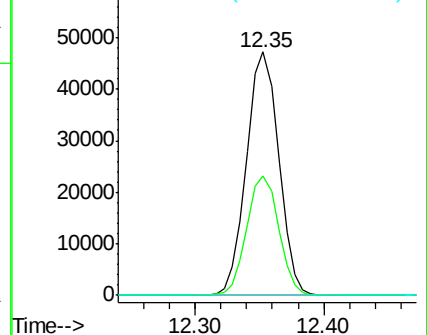
173 100

175 48.9 24.3 72.8

254 0.1 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: VW006806.D

Acq: 12 Nov 2018 13:41

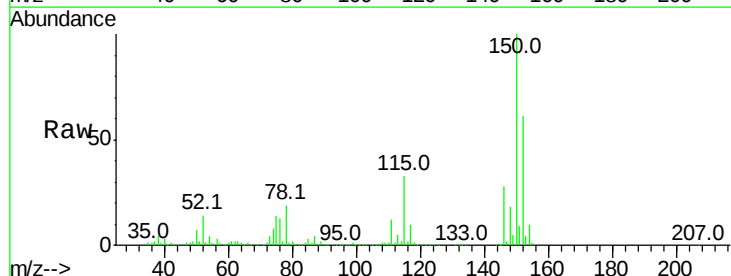
Tgt Ion:152 Resp: 236824

Ion Ratio Lower Upper

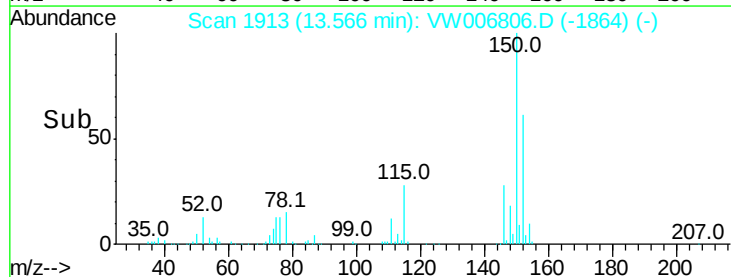
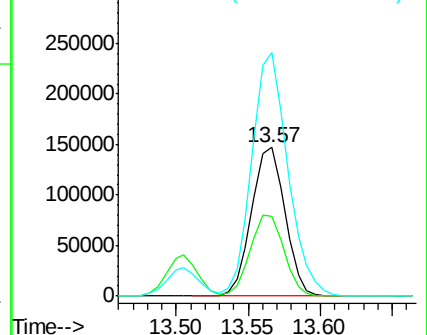
152 100

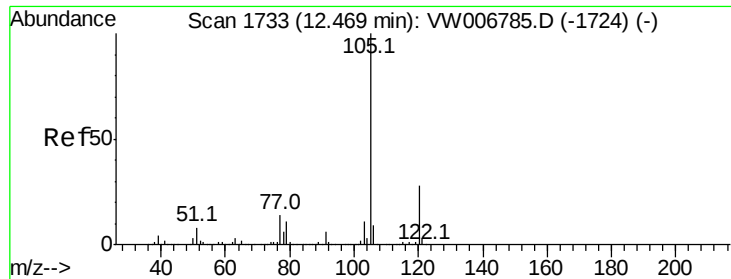
115 54.5 26.7 80.0

150 176.5 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: 55.649 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

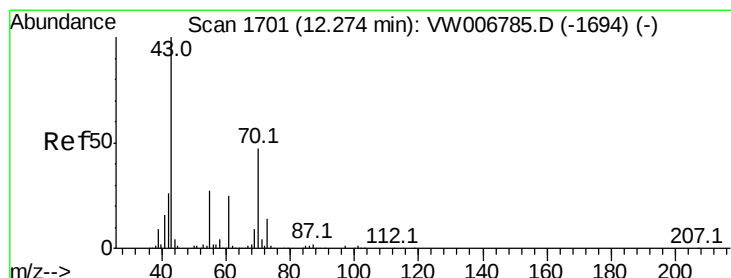
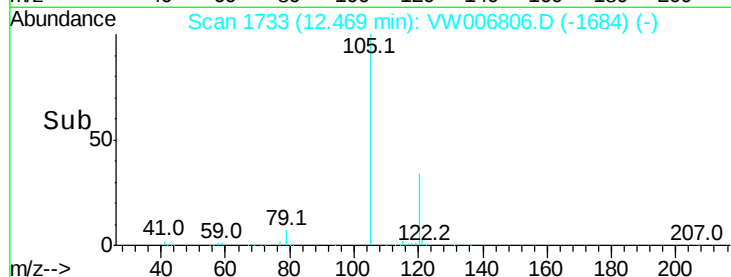
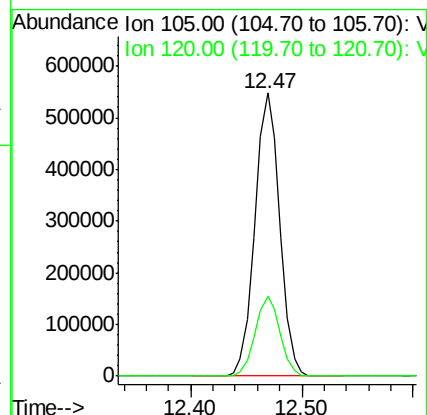
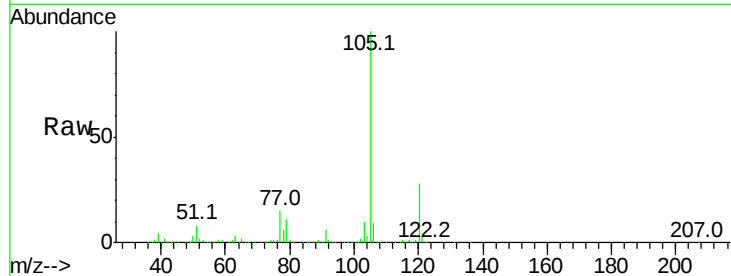
VSTDICCC050

Tgt Ion:105 Resp: 847938

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.6



#74

N-ethyl acetate

Concen: 52.146 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion: 43 Resp: 129512

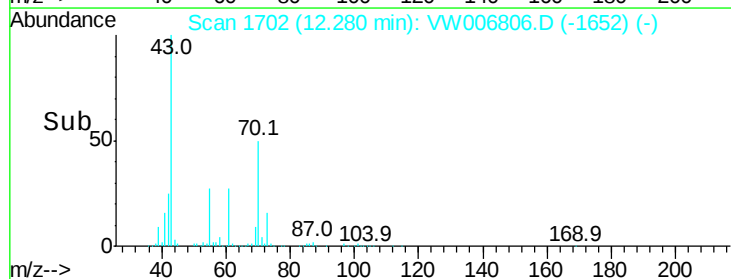
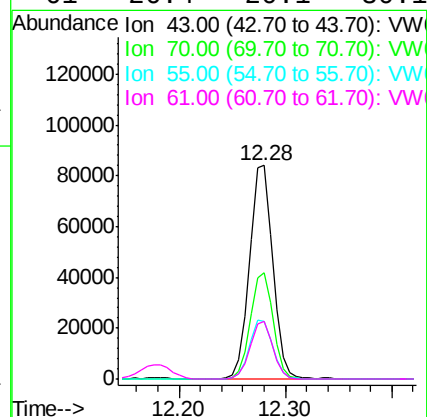
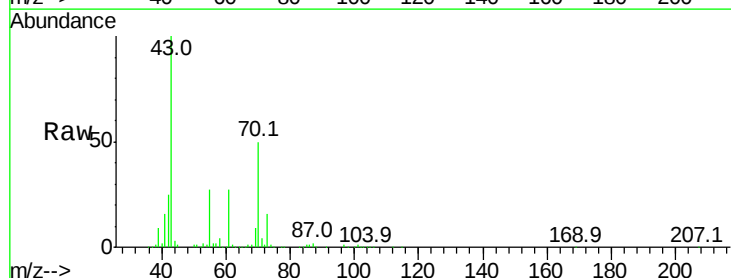
Ion Ratio Lower Upper

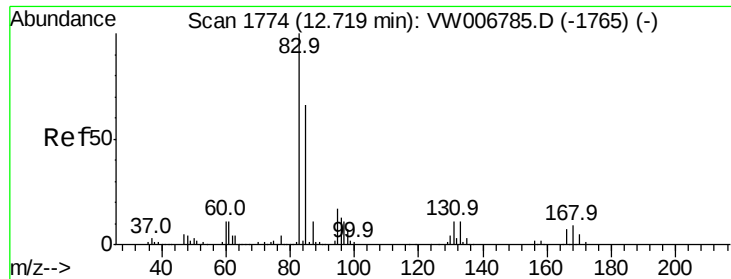
43 100

70 48.7 38.3 57.5

55 27.6 22.3 33.5

61 26.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.544 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

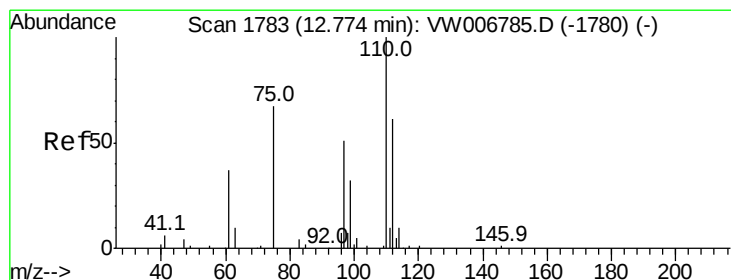
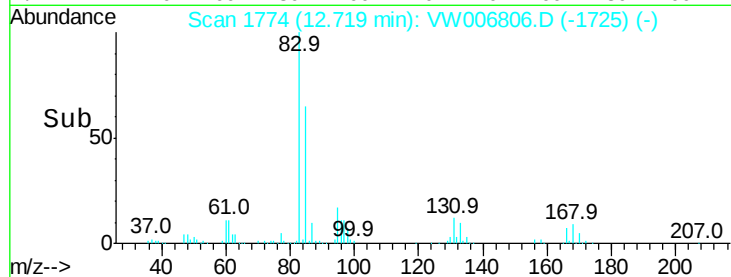
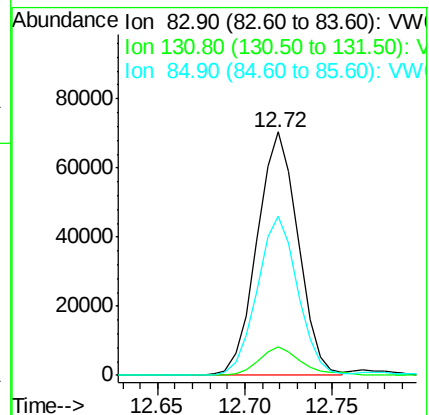
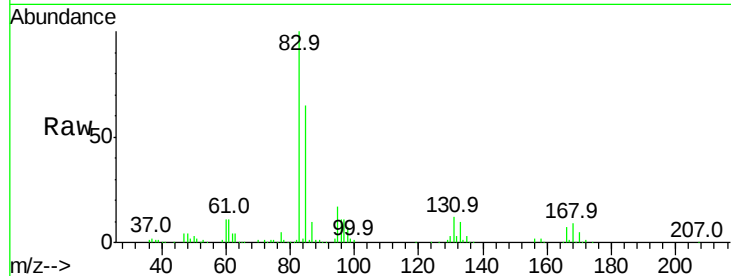
Tgt Ion: 83 Resp: 114739

Ion Ratio Lower Upper

83 100

131 12.2 6.0 18.0

85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 87.993 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006806.D

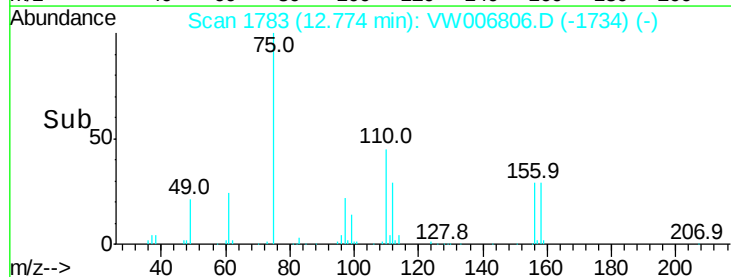
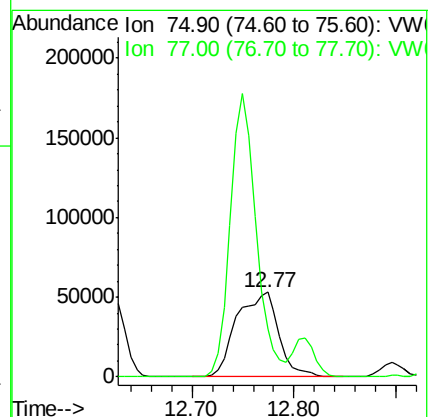
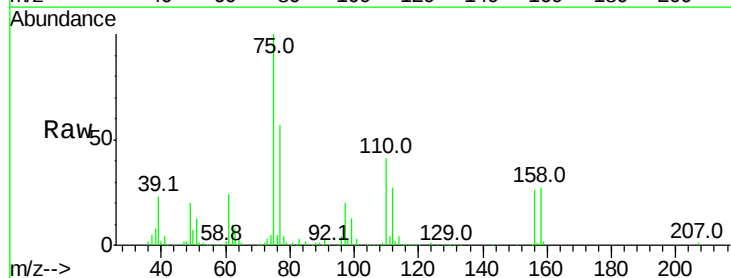
Acq: 12 Nov 2018 13:41

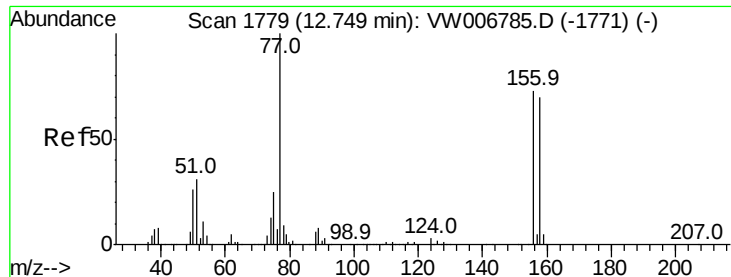
Tgt Ion: 75 Resp: 151968

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.210 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

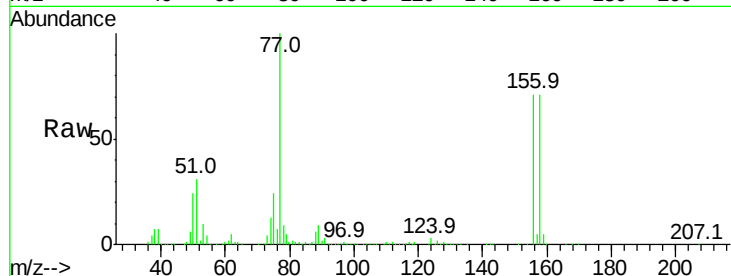
Tgt Ion:156 Resp: 209643

Ion Ratio Lower Upper

156 100

77 150.5 75.4 226.3

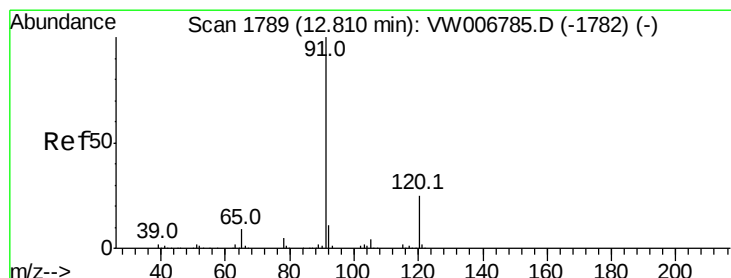
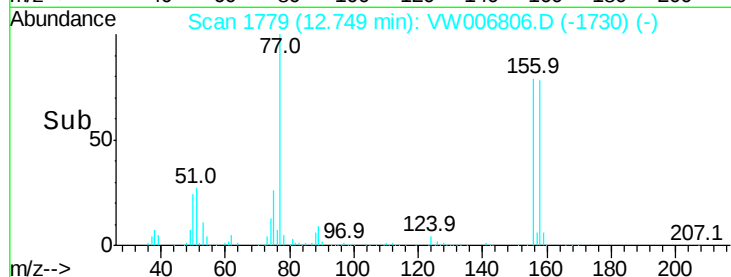
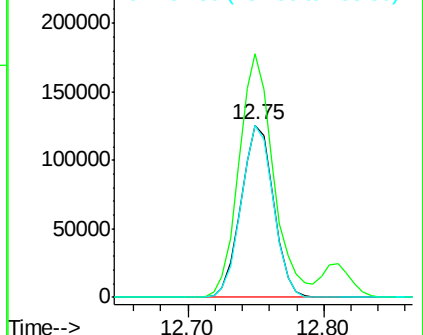
158 98.4 48.7 146.1



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: 55.521 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006806.D

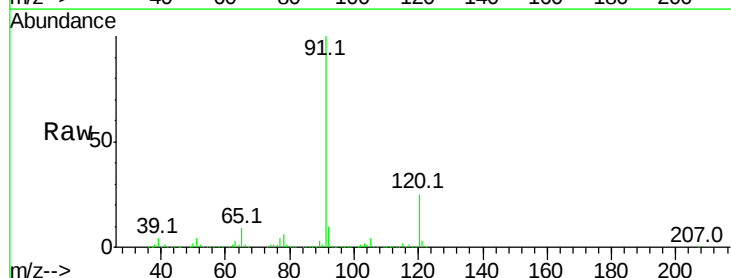
Acq: 12 Nov 2018 13:41

Tgt Ion: 91 Resp: 1005213

Ion Ratio Lower Upper

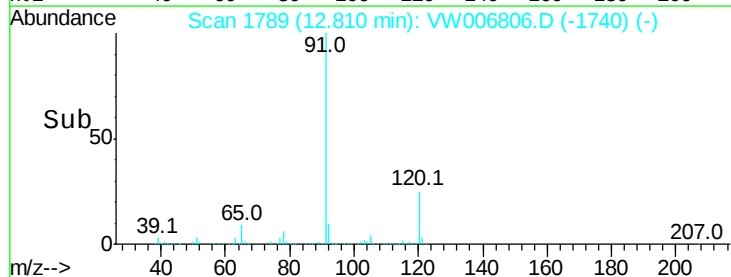
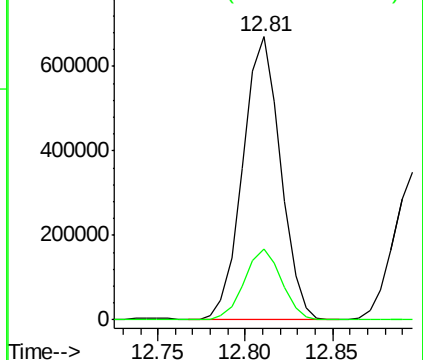
91 100

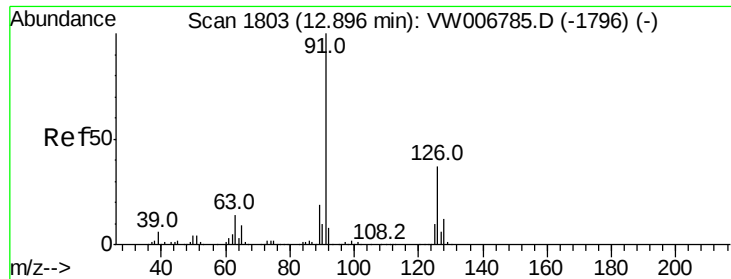
120 24.9 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

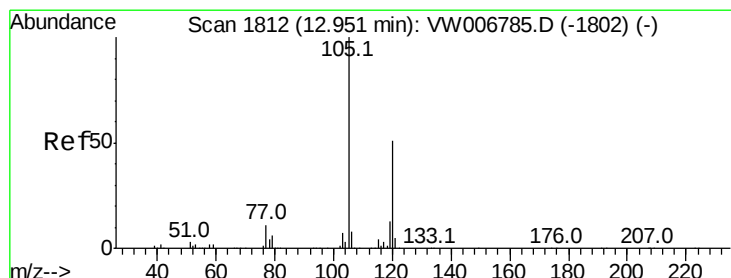
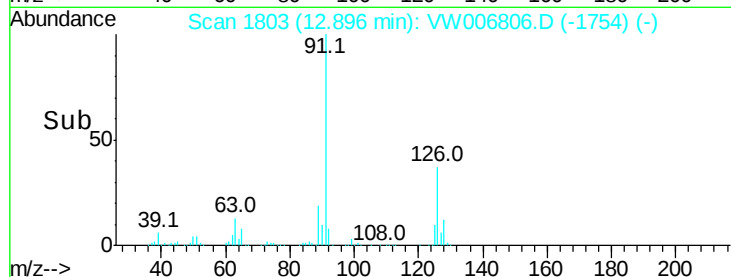
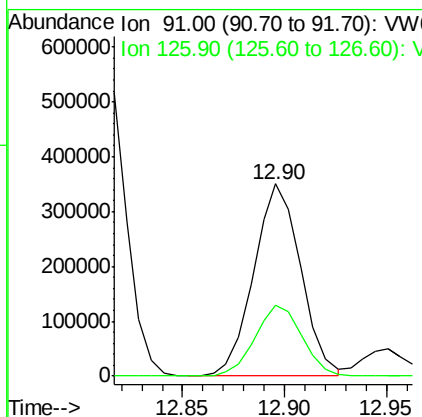
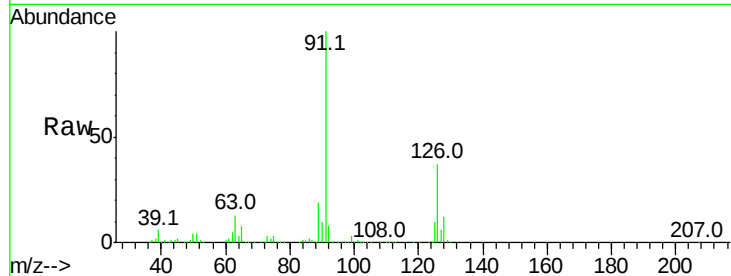




#79
 2-Chlorotoluene
 Concen: 54.889 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

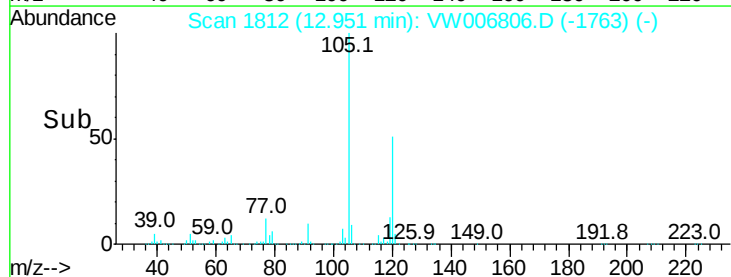
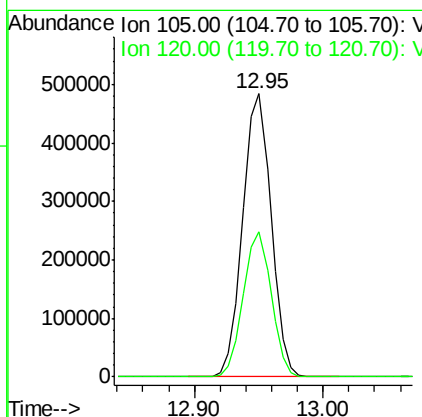
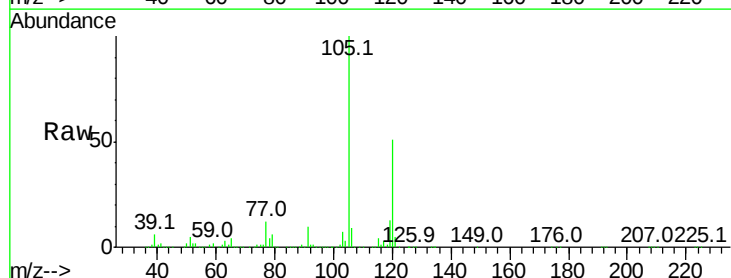
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

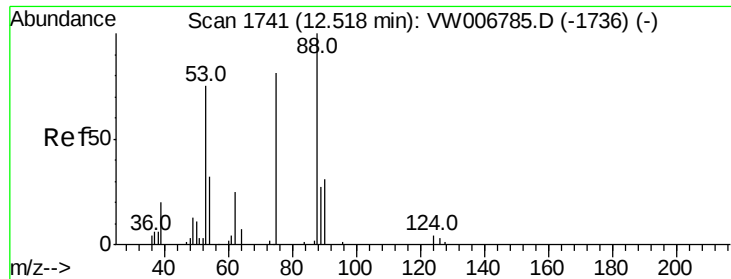
Tgt Ion: 91 Resp: 559828
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 55.845 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 105 Resp: 737282
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.472 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

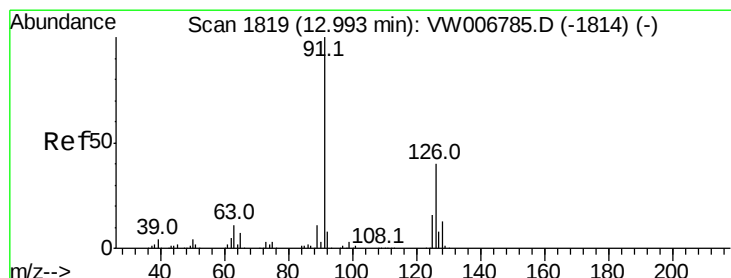
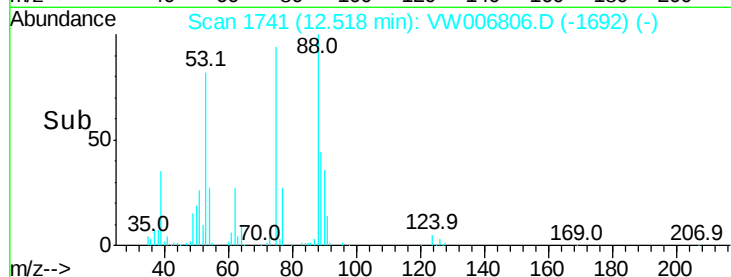
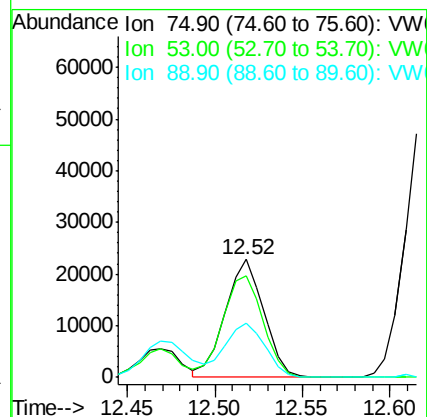
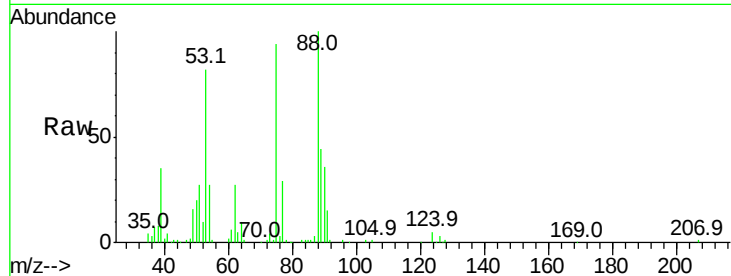
Tgt Ion: 75 Resp: 34733

Ion Ratio Lower Upper

75 100

53 91.1 74.0 111.0

89 48.4 38.1 57.1



#82

4-Chlorotoluene

Concen: 54.573 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006806.D

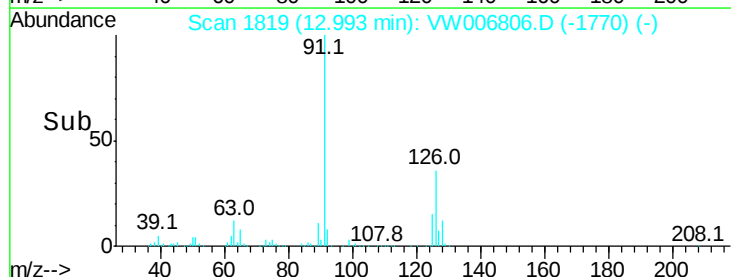
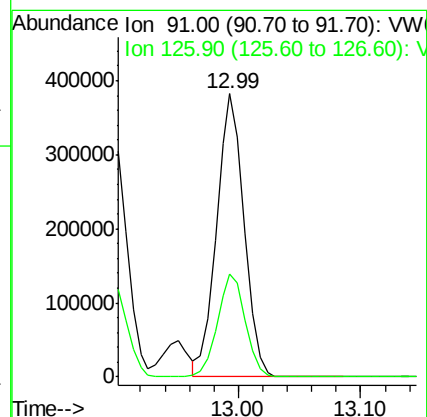
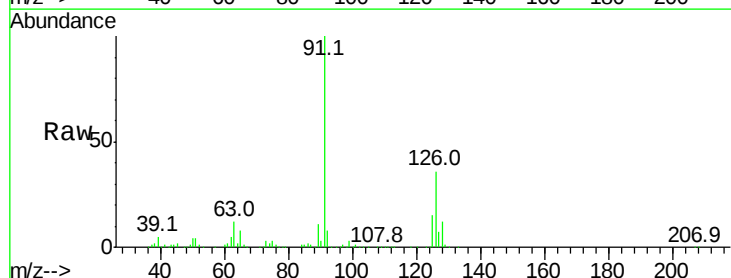
Acq: 12 Nov 2018 13:41

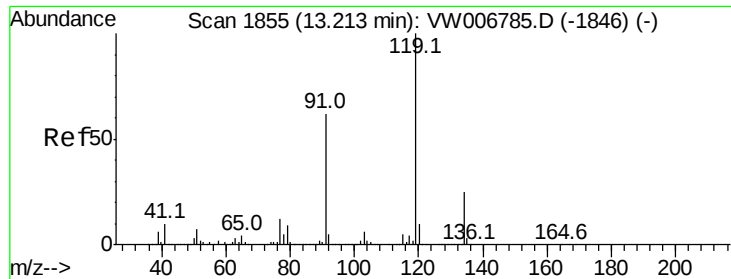
Tgt Ion: 91 Resp: 594884

Ion Ratio Lower Upper

91 100

126 36.8 18.6 55.6

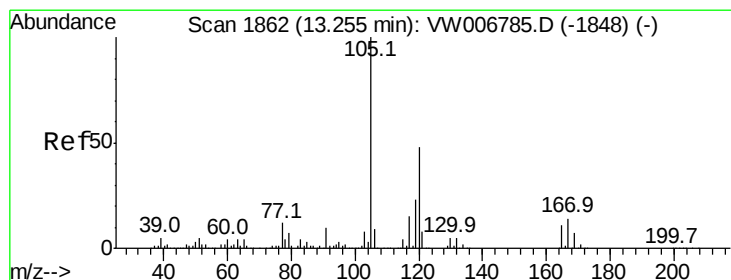
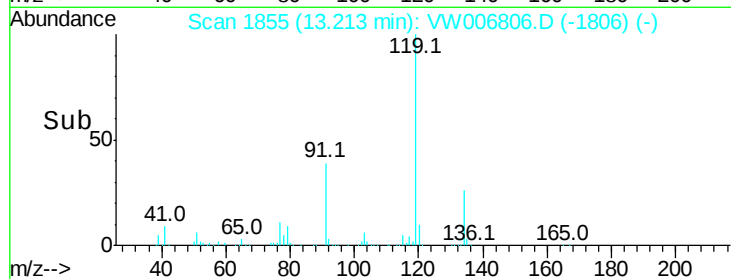
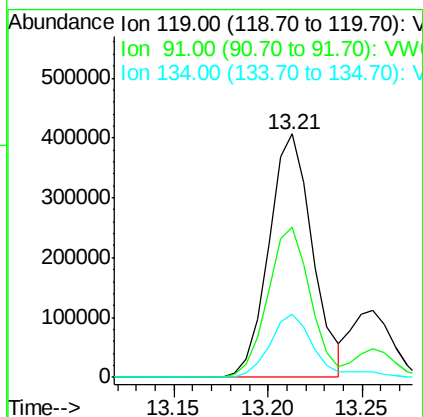
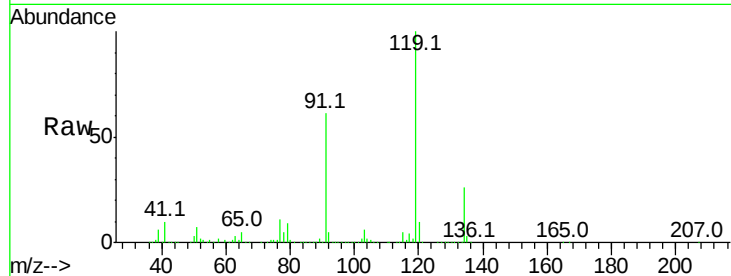




#83
 tert-Butylbenzene
 Concen: 57.158 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

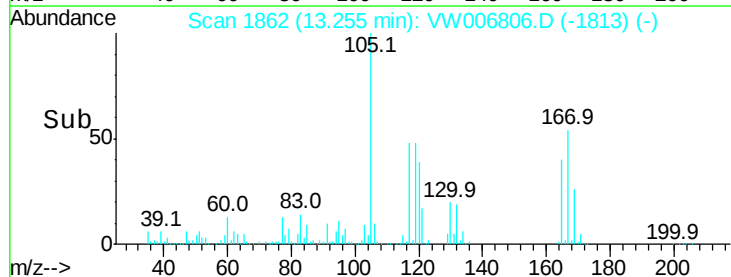
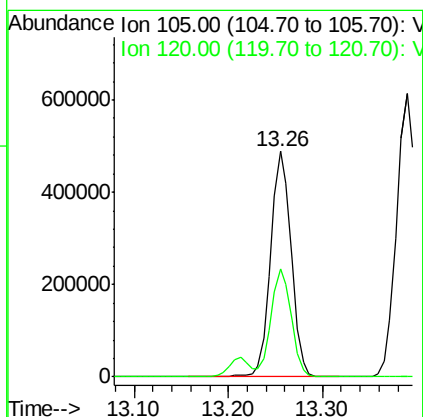
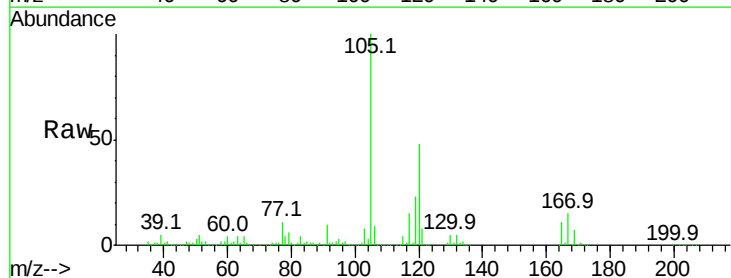
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

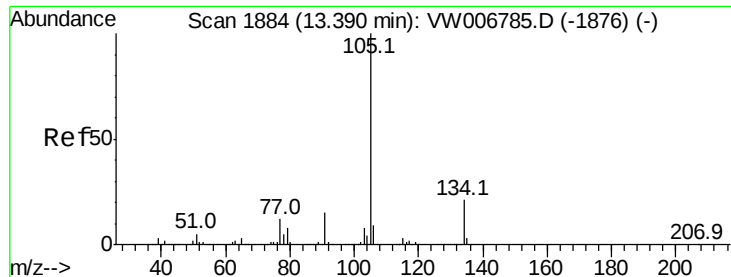
Tgt Ion:119 Resp: 652046
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.4 91.2
 134 26.8 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 55.362 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion:105 Resp: 748846
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0

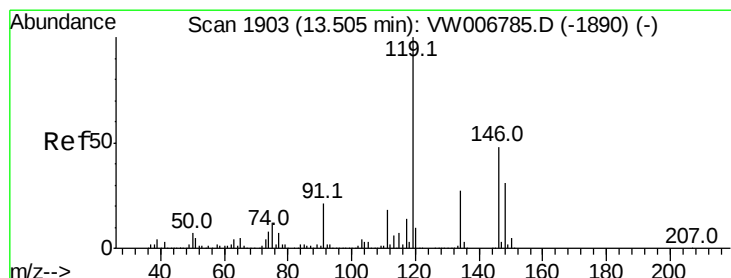
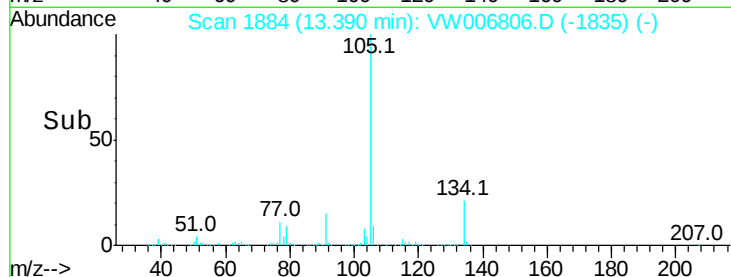
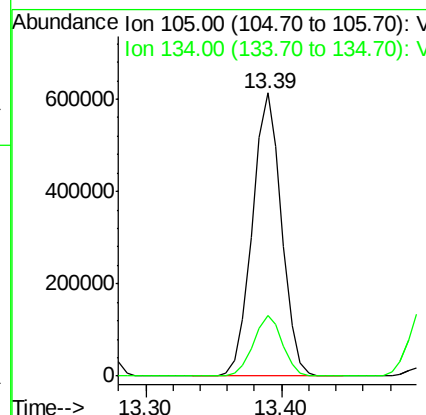
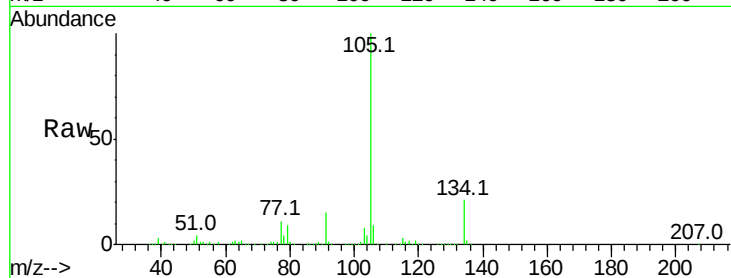




#85
 sec-Butylbenzene
 Concen: 56.437 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

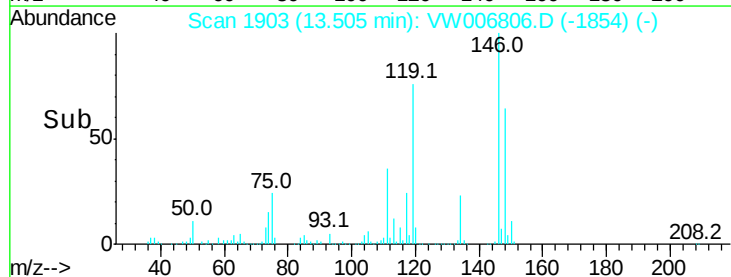
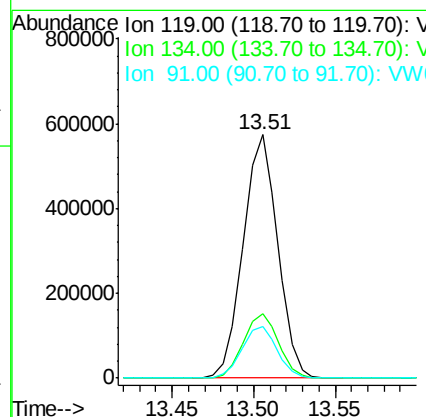
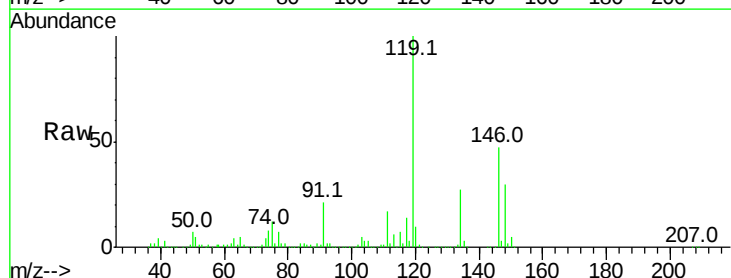
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

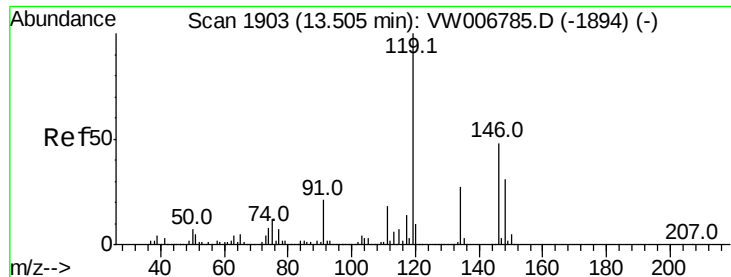
Tgt Ion:105 Resp: 921455
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 56.852 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion:119 Resp: 846677
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.6 10.8 32.4

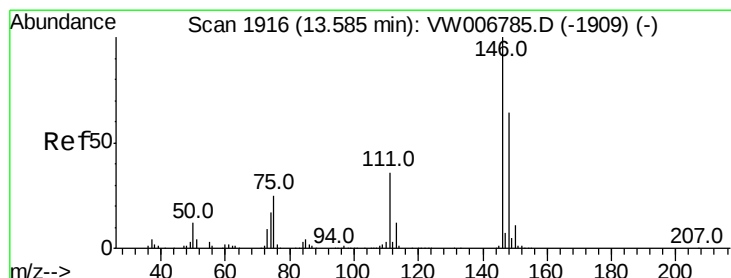
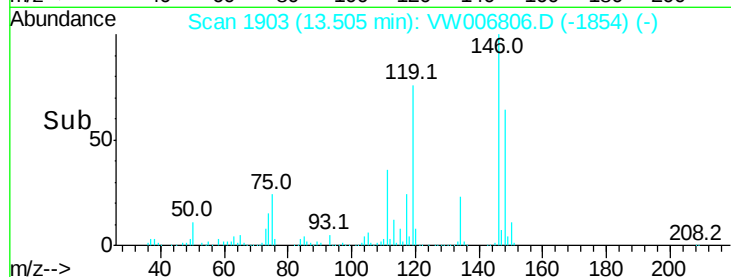
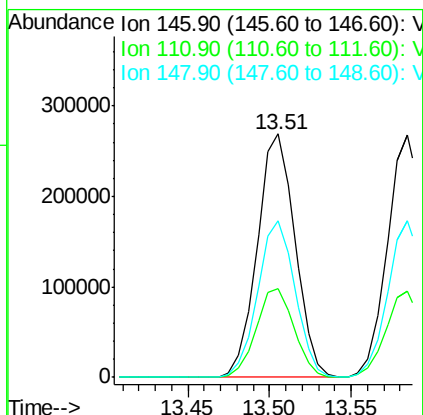
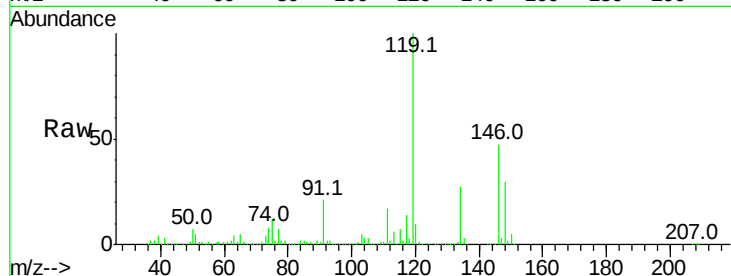




#87
 1,3-Dichlorobenzene
 Concen: 53.965 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

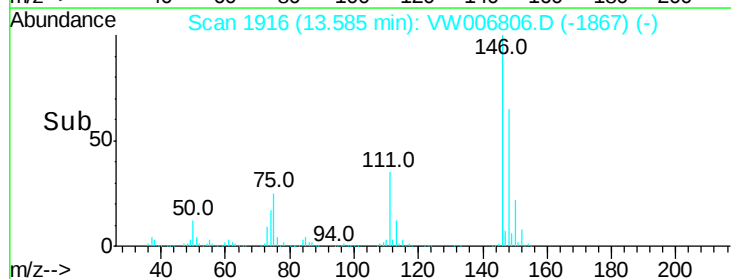
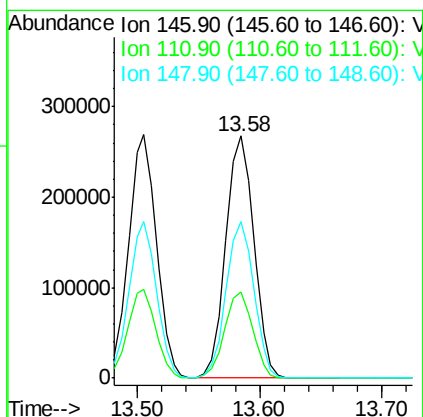
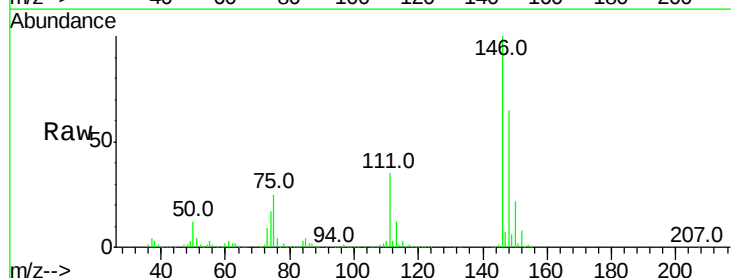
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

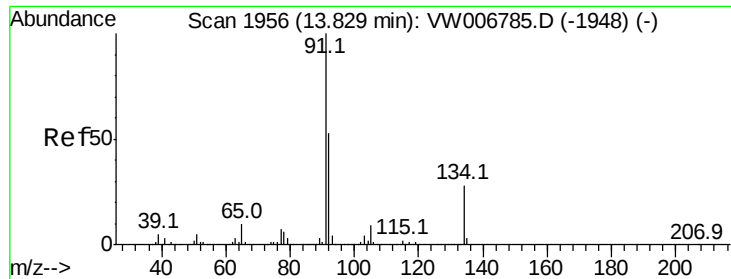
Tgt Ion:146 Resp: 431961
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 53.498 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion:146 Resp: 426494
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.1
 148 64.0 32.2 96.6

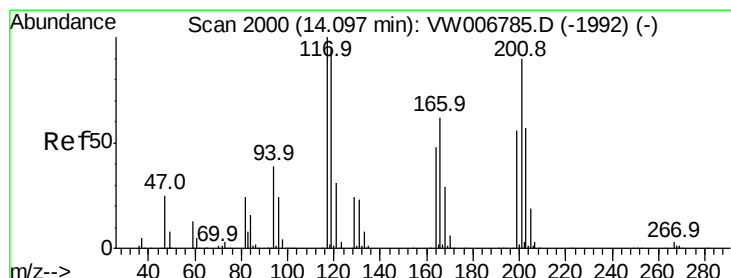
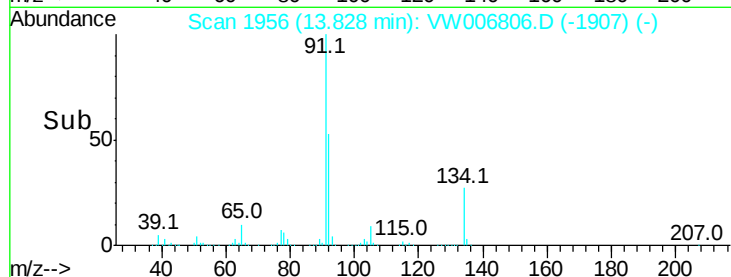
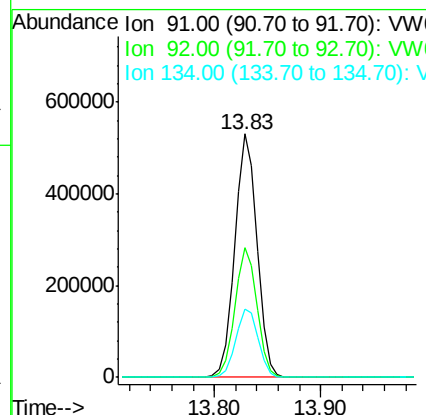
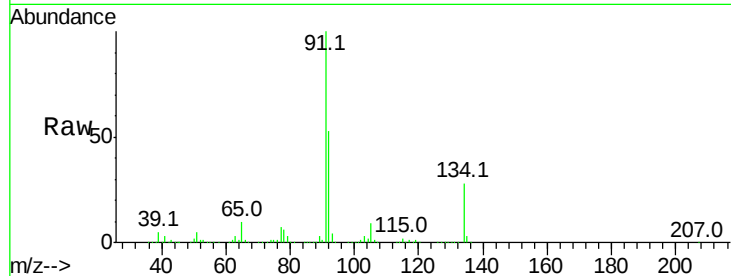




#89
n-Butylbenzene
Concen: 56.317 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

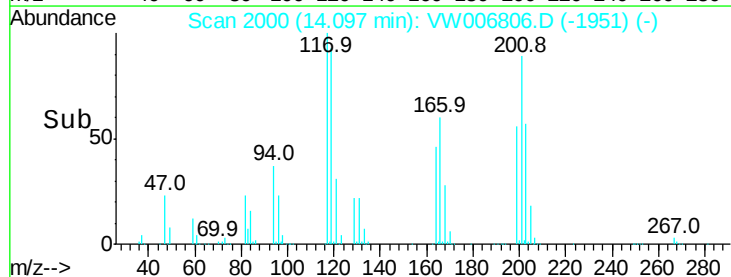
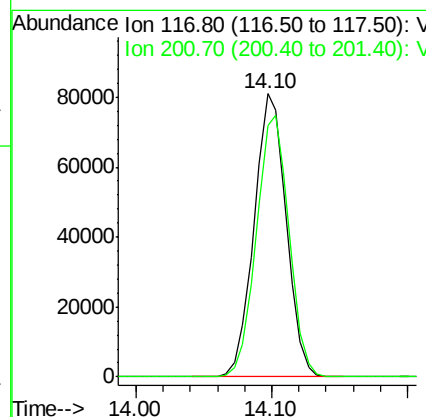
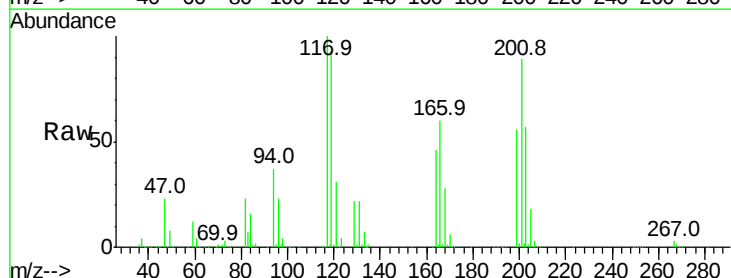
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

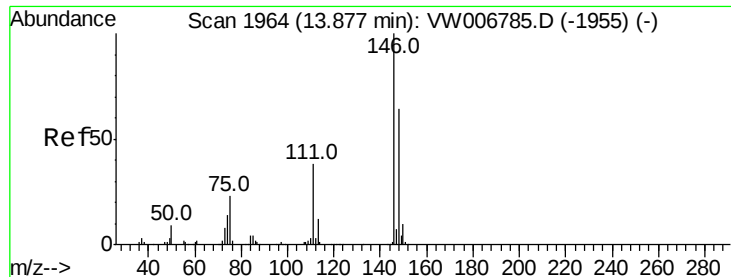
Tgt Ion: 91 Resp: 774086
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 28.8 14.2 42.8



#90
Hexachloroethane
Concen: 57.445 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 117 Resp: 134215
Ion Ratio Lower Upper
117 100
201 93.7 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 53.380 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

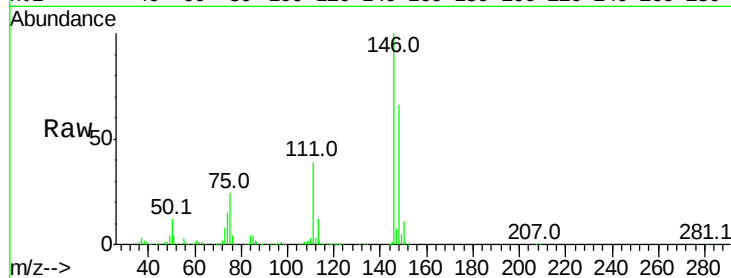
Tgt Ion:146 Resp: 373789

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

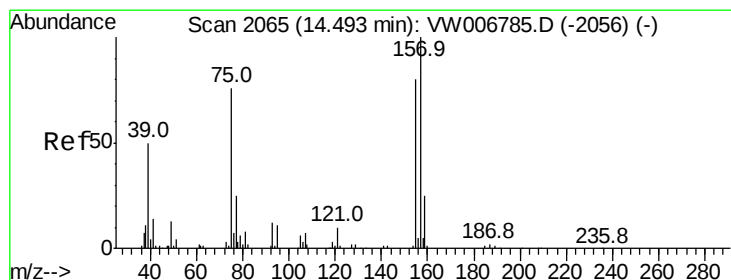
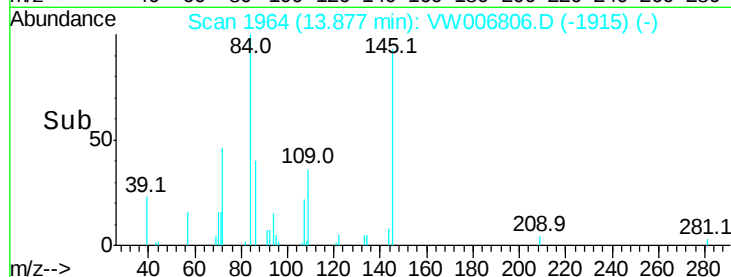
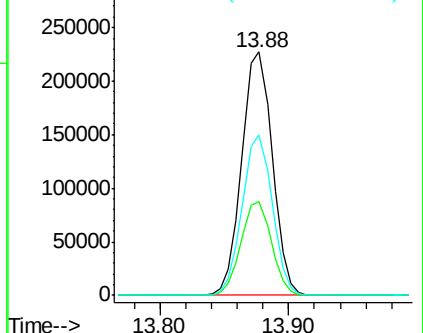
148 64.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.304 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

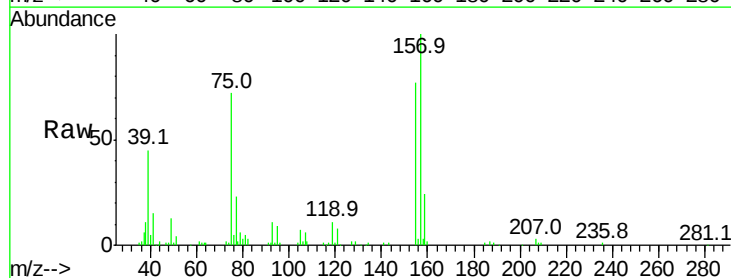
Tgt Ion: 75 Resp: 18806

Ion Ratio Lower Upper

75 100

155 102.1 51.0 153.1

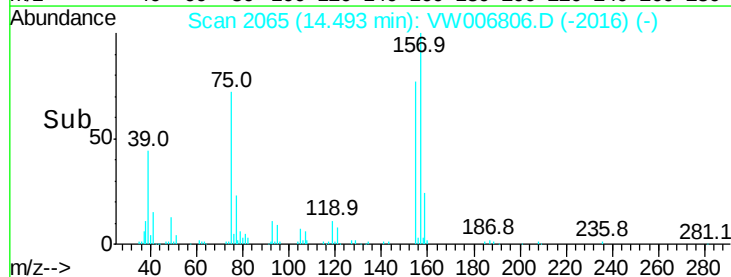
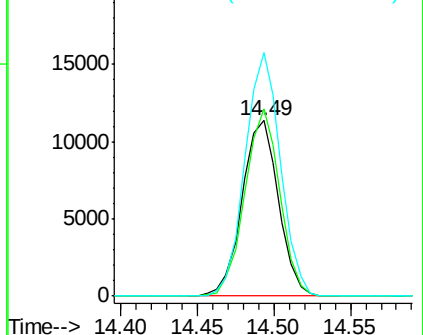
157 134.8 65.5 196.5

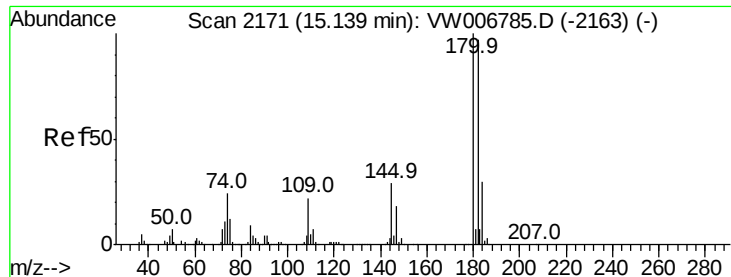


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

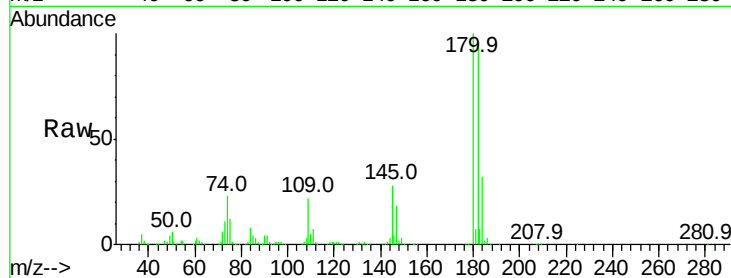




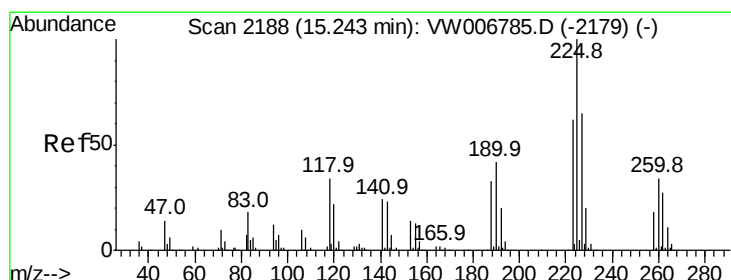
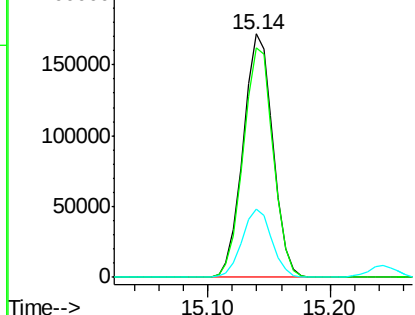
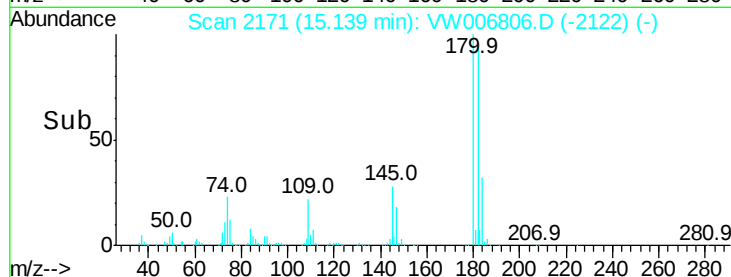
#93
 1,2,4-Trichlorobenzene
 Concen: 55.883 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 289678
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 27.9 14.1 42.3

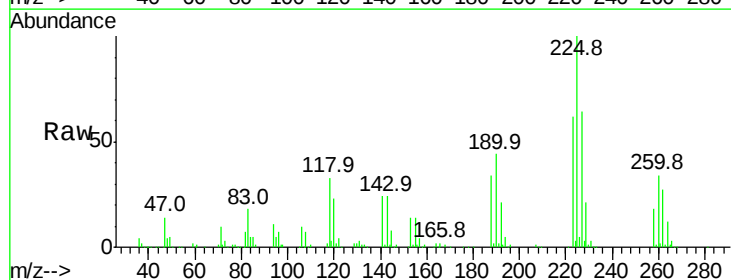


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

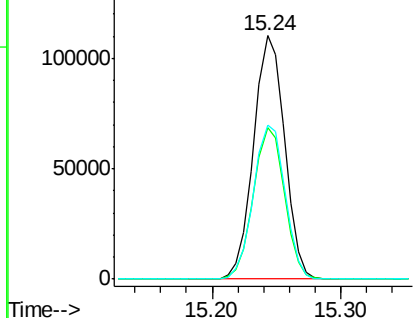
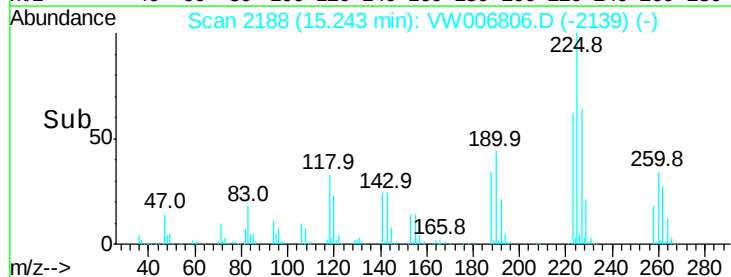


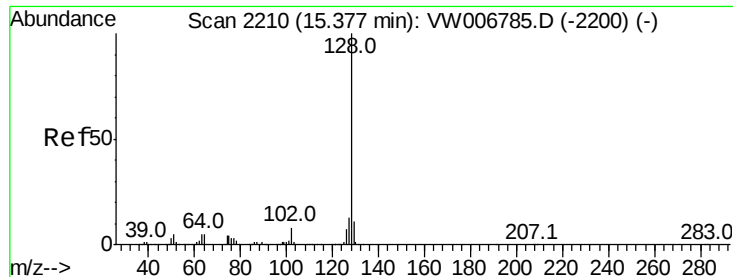
#94
 Hexachlorobutadiene
 Concen: 56.214 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion:225 Resp: 183386
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.5
 227 64.6 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: 55.498 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

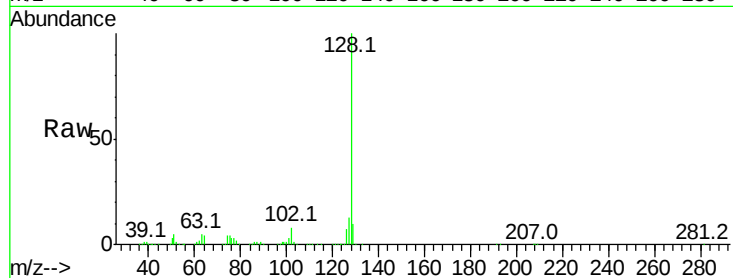
Tgt Ion:128 Resp: 440186

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

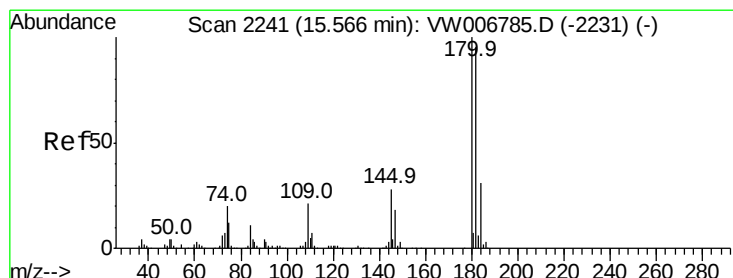
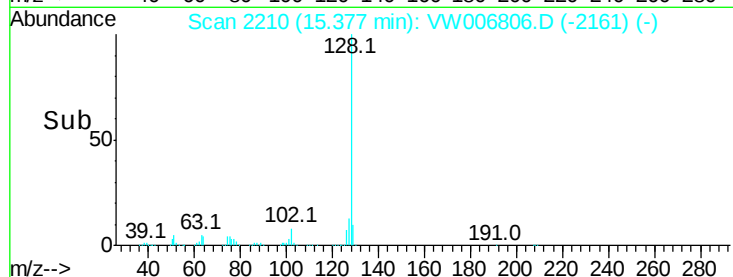
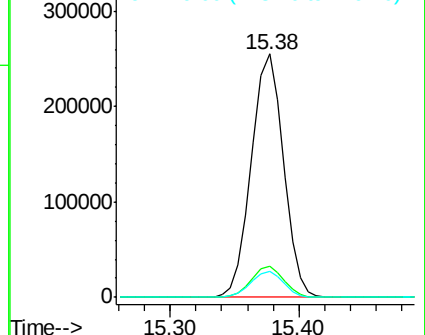
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.892 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

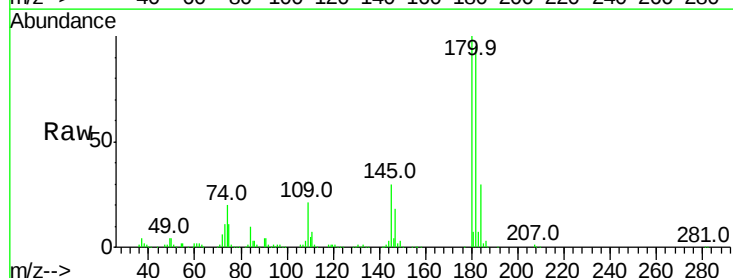
Tgt Ion:180 Resp: 246137

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

145 30.3 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

