

Data File : VW007185.D
Acq On : 04 Dec 2018 13:45
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Dec 05 00:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165834	160.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.08%	
35) Dibromofluoromethane	7.88	113	161295	160.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.74%	
50) Toluene-d8	10.33	98	655164	147.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.76%	
62) 4-Bromofluorobenzene	12.62	95	247097	147.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	154745	127.087	ug/l	99
3) Chloromethane	2.21	50	197868	128.320	ug/l	100
4) Vinyl Chloride	2.35	62	127729	132.298	ug/l	99
5) Bromomethane	2.73	94	67253	139.011	ug/l	99
6) Chloroethane	2.90	64	72783	134.358	ug/l	95
7) Trichlorofluoromethane	3.25	101	275551	146.390	ug/l	99
8) Diethyl Ether	3.68	74	84024	160.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	168058	147.799	ug/l	99
10) Methyl Iodide	4.27	142	170804	176.335	ug/l	98
11) Tert butyl alcohol	5.17	59	72064	595.883	ug/l	99
12) 1,1-Dichloroethene	4.04	96	156343	146.719	ug/l	97
13) Acrolein	3.90	56	58485	805.526	ug/l	100
14) Allyl chloride	4.67	41	254356	148.916	ug/l	99
15) Acrylonitrile	5.37	53	173844	792.573	ug/l	99
16) Acetone	4.12	43	187101	762.743	ug/l	98
17) Carbon Disulfide	4.38	76	522572	148.774	ug/l	100
18) Methyl Acetate	4.67	43	89211	159.328	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	392737	156.539	ug/l	99
20) Methylene Chloride	4.92	84	172282	118.105	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	177866	149.487	ug/l	98
22) Diisopropyl ether	6.31	45	448459	146.257	ug/l	98
23) Vinyl Acetate	6.26	43	1313496	785.077	ug/l	99
24) 1,1-Dichloroethane	6.22	63	299865	152.582	ug/l	99
25) 2-Butanone	7.17	43	226905	797.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	271491	143.753	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	194679	152.629	ug/l	99
28) Bromochloromethane	7.51	49	109336	154.290	ug/l	100
29) Tetrahydrofuran	7.53	42	143058	814.136	ug/l	99
30) Chloroform	7.68	83	311972	152.744	ug/l	99
31) Cyclohexane	7.96	56	268387	130.522	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	280558	145.963	ug/l	98
36) 1,1-Dichloropropene	8.09	75	234987	137.487	ug/l	100
37) Ethyl Acetate	7.26	43	92790	150.086	ug/l	98
38) Carbon Tetrachloride	8.07	117	244977	140.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	318124	139.040	ug/l	98
40) Benzene	8.32	78	660881	141.011	ug/l	99
41) Methacrylonitrile	7.49	41	55880	150.899	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	199231	152.104	ug/l	99
43) Isopropyl Acetate	8.43	43	190263	158.453	ug/l	99
44) Trichloroethene	9.09	130	183632	139.390	ug/l	95
45) 1,2-Dichloropropane	9.37	63	155425	142.509	ug/l	97
46) Dibromomethane	9.46	93	88159	155.559	ug/l	97
47) Bromodichloromethane	9.65	83	223298	149.791	ug/l	98
48) Methyl methacrylate	9.44	41	100820	161.778	ug/l	98
49) 1,4-Dioxane	9.45	88	27569	2784.717	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	457500	773.151	ug/l	99
52) Toluene	10.39	92	458050	140.499	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	228438	152.417	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	262370	149.376	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	116863	144.969	ug/l	97
56) Ethyl methacrylate	10.65	69	167044	158.857	ug/l	96
57) 1,3-Dichloropropane	10.93	76	204598	150.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	276194	653.924	ug/l	99
59) 2-Hexanone	10.97	43	312056	727.474	ug/l	97
60) Dibromochloromethane	11.13	129	152767	154.191	ug/l	97
61) 1,2-Dibromoethane	11.24	107	116465	150.630	ug/l	100
64) Tetrachloroethene	10.87	164	162343	140.353	ug/l	95
65) Chlorobenzene	11.66	112	489895	138.554	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	158115	144.797	ug/l	99
67) Ethyl Benzene	11.73	91	902060	139.978	ug/l	92
68) m/p-Xylenes	11.84	106	714761	282.723	ug/l	99
69) o-Xylene	12.17	106	336716	142.554	ug/l	98
70) Styrene	12.18	104	544656	140.864	ug/l	99
71) Bromoform	12.35	173	85854	157.059	ug/l #	99
73) Isopropylbenzene	12.47	105	926277	146.012	ug/l	98
74) N-amyl acetate	12.27	43	177834	158.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	124277	150.842	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	183232	174.784	ug/l #	100
77) Bromobenzene	12.75	156	200118	146.142	ug/l	97
78) n-propylbenzene	12.81	91	1101585	145.753	ug/l	96
79) 2-Chlorotoluene	12.90	91	603452	141.391	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	769392	141.770	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	45578	162.658	ug/l	100
82) 4-Chlorotoluene	12.99	91	674970	148.658	ug/l	94
83) tert-Butylbenzene	13.21	119	697262	147.020	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	770790	139.137	ug/l	96
85) sec-Butylbenzene	13.39	105	940077	138.846	ug/l	98
86) p-Isopropyltoluene	13.51	119	835409	138.606	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	388712	138.280	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	414210	145.875	ug/l	97
89) n-Butylbenzene	13.83	91	808287	143.511	ug/l	99
90) Hexachloroethane	14.10	117	138312	150.589	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	348744	143.307	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24898	156.000	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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	248431	147.309	ug/l	98
94) Hexachlorobutadiene	15.24	225	129912	142.849	ug/l	98
95) Naphthalene	15.38	128	474718	157.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	212379	149.346	ug/l	98

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

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ALS Vial      : 8      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

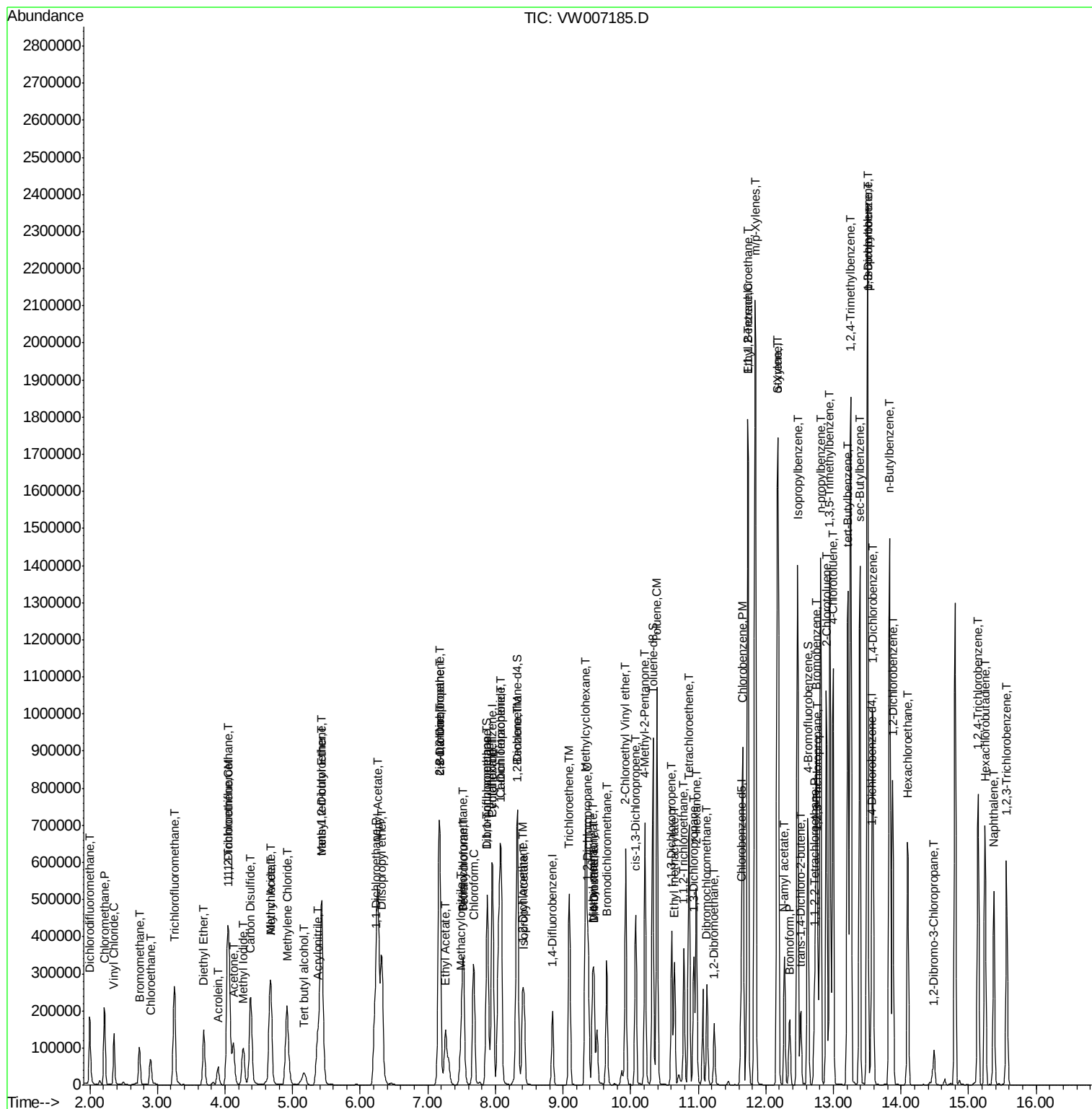
Quant Time: Dec 05 00:50:18 2018

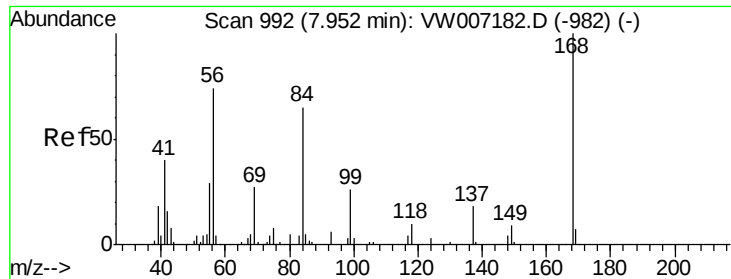
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W120418S.M

Quant Title : SW846 8260

QLast Update : Wed Dec 05 00:43:04 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

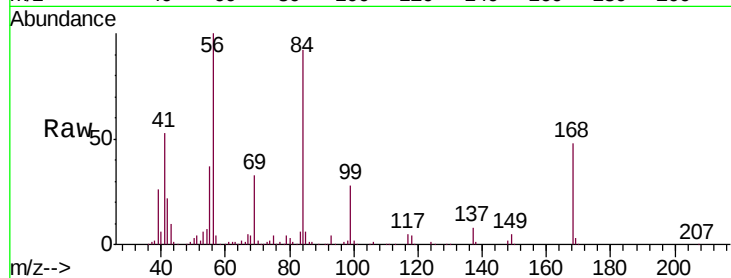
VSTDIC150

Tgt Ion:168 Resp: 111293

Ion Ratio Lower Upper

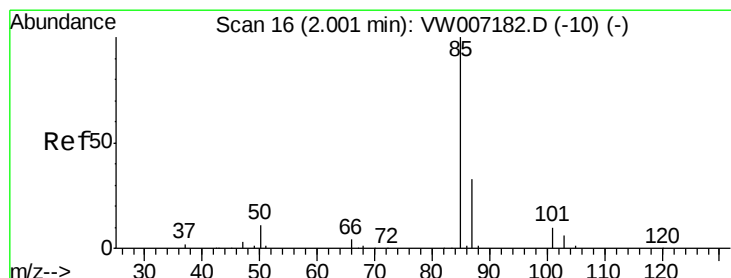
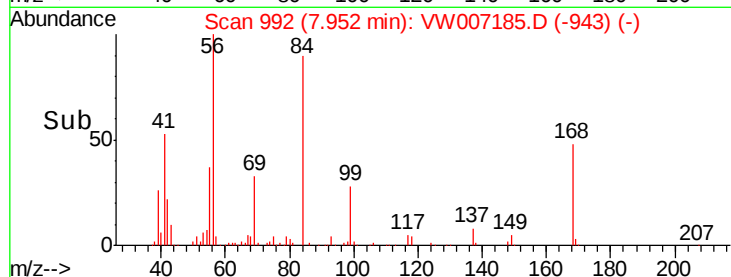
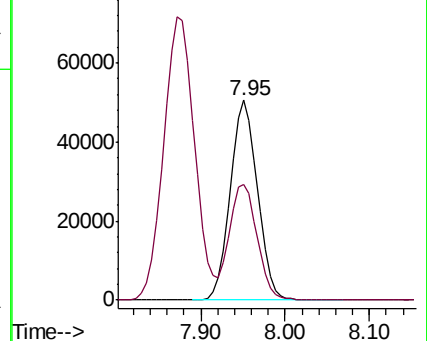
168 100

99 57.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 127.087 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007185.D

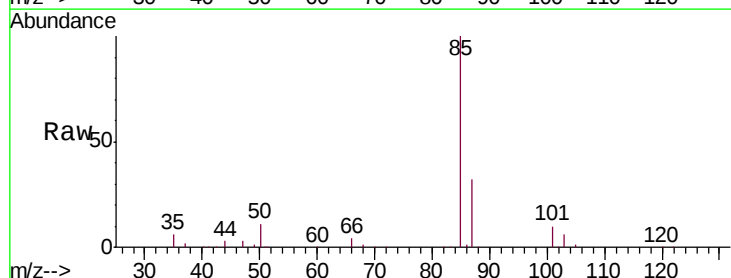
Acq: 04 Dec 2018 13:45

Tgt Ion: 85 Resp: 154745

Ion Ratio Lower Upper

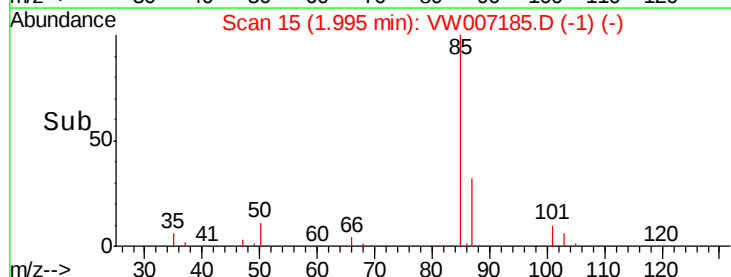
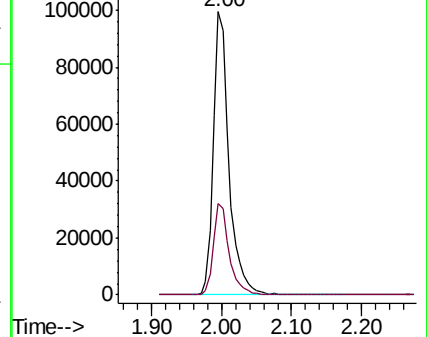
85 100

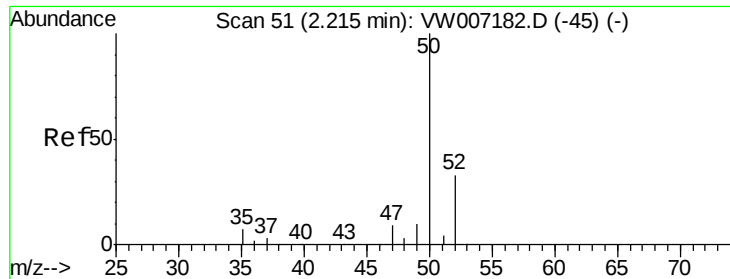
87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 128.320 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

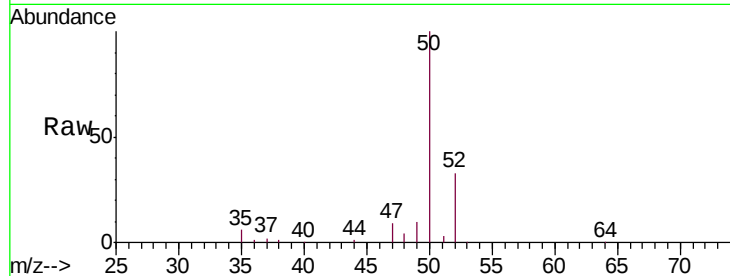
VSTDIC150

Tgt Ion: 50 Resp: 197868

Ion Ratio Lower Upper

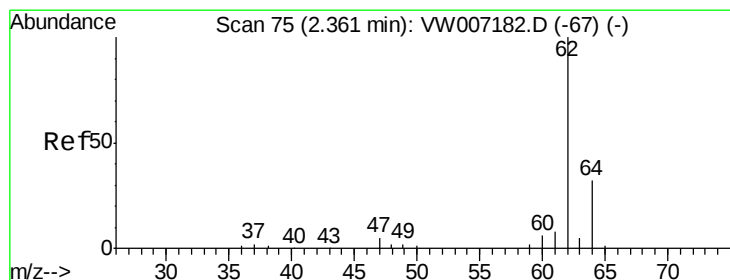
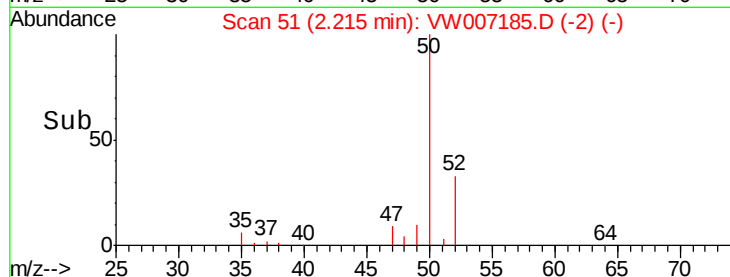
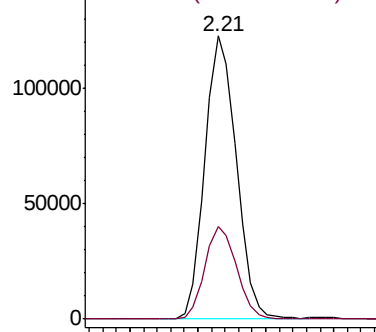
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 132.298 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007185.D

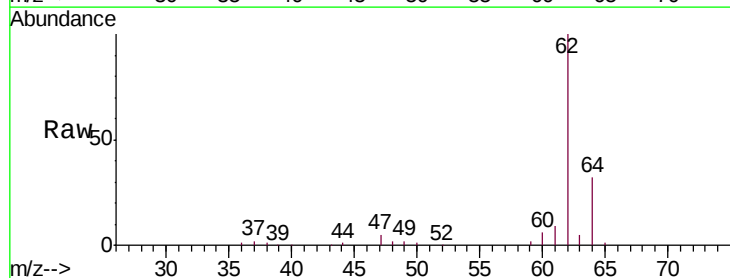
Acq: 04 Dec 2018 13:45

Tgt Ion: 62 Resp: 127729

Ion Ratio Lower Upper

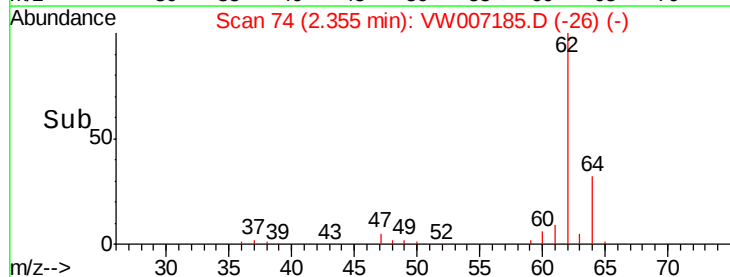
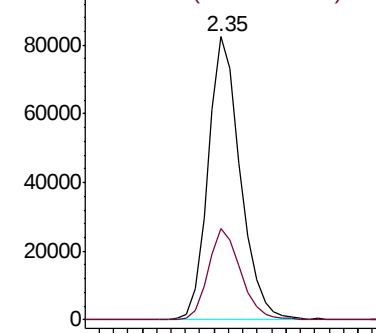
62 100

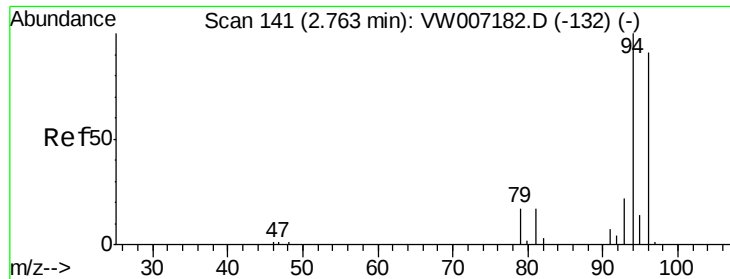
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 139.011 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

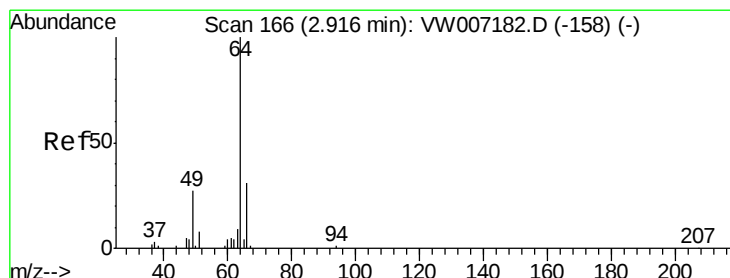
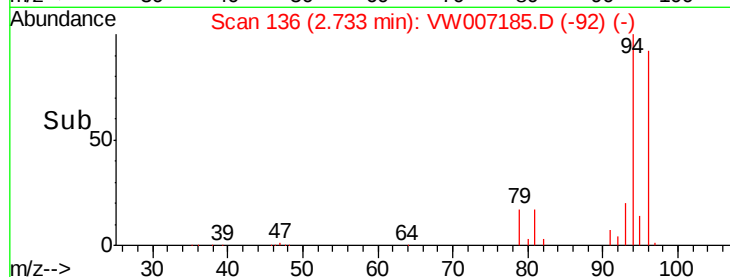
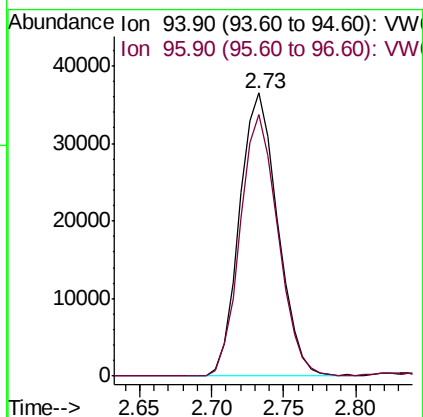
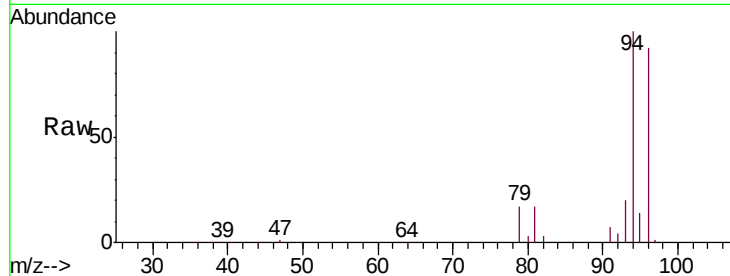
VSTDIC150

Tgt Ion: 94 Resp: 67253

Ion Ratio Lower Upper

94 100

96 92.4 72.8 109.2



#6

Chloroethane

Concen: 134.358 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW007185.D

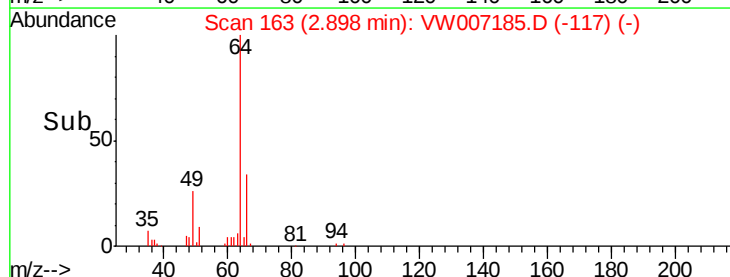
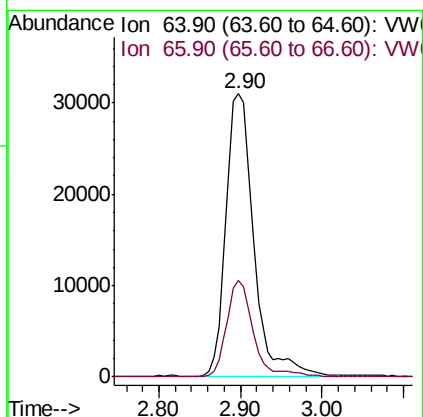
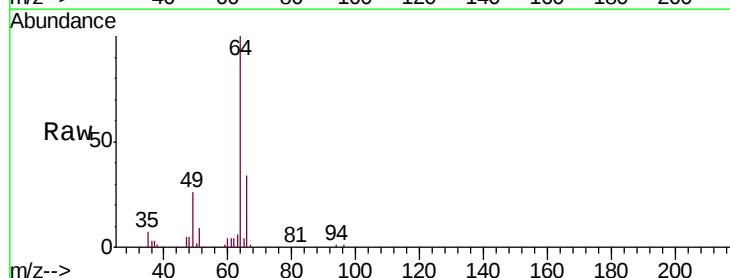
Acq: 04 Dec 2018 13:45

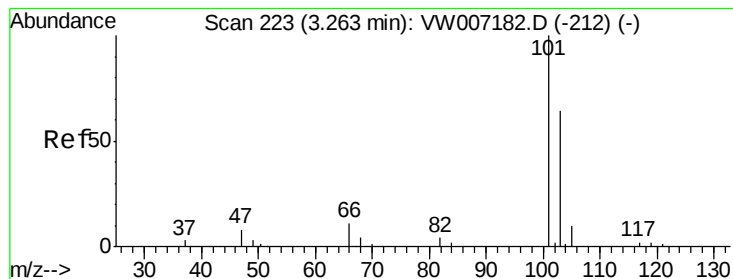
Tgt Ion: 64 Resp: 72783

Ion Ratio Lower Upper

64 100

66 34.0 25.0 37.6



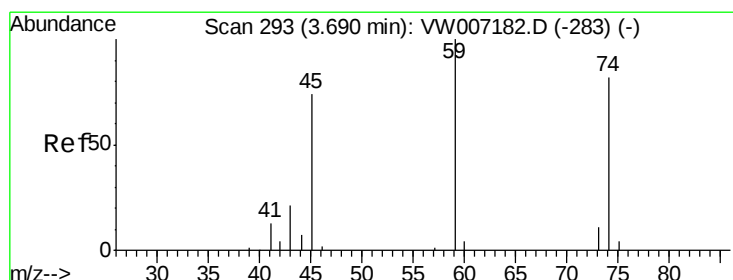
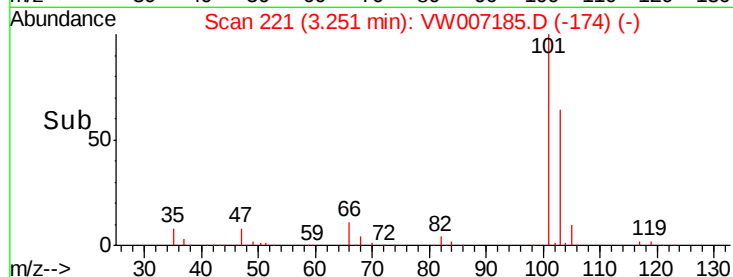
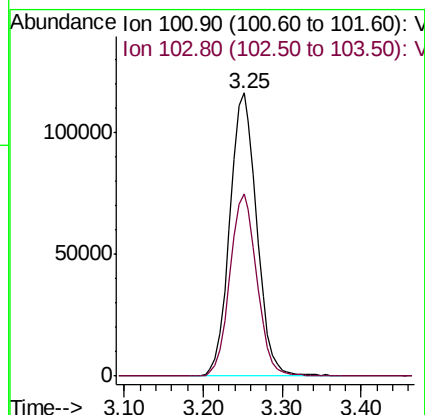
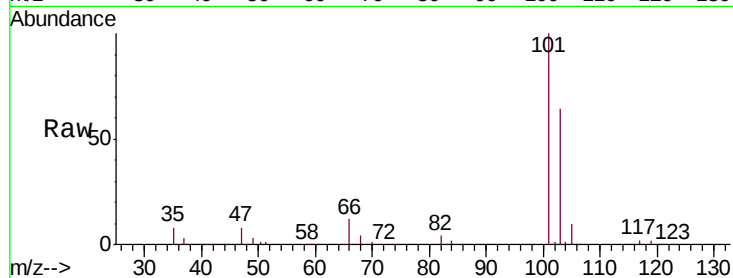


#7

Trichlorofluoromethane
 Concen: 146.390 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
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 VSTDIC150

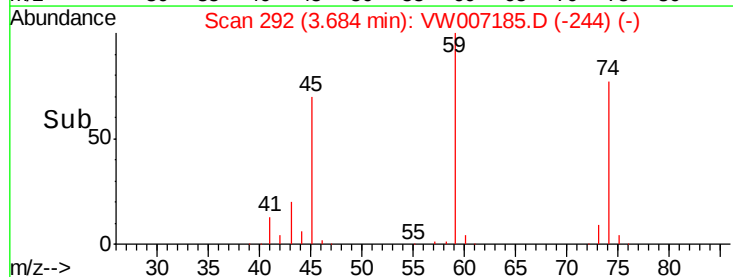
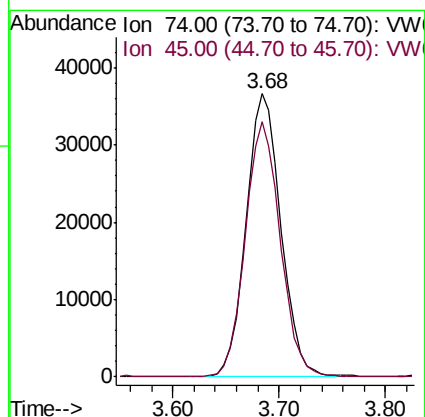
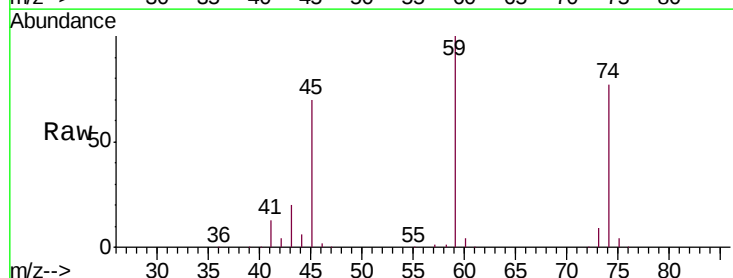
Tgt Ion: 101 Resp: 275551
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3

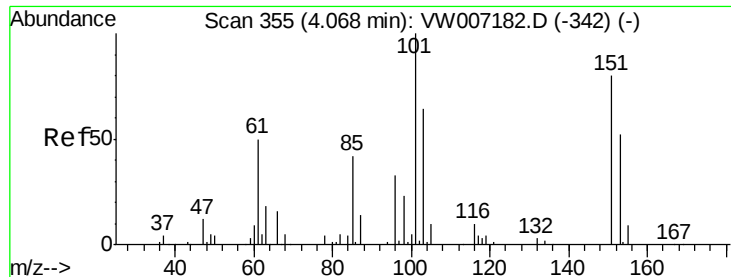


#8

Diethyl Ether
 Concen: 160.144 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 74 Resp: 84024
 Ion Ratio Lower Upper
 74 100
 45 90.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.799 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

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VSTDIC150

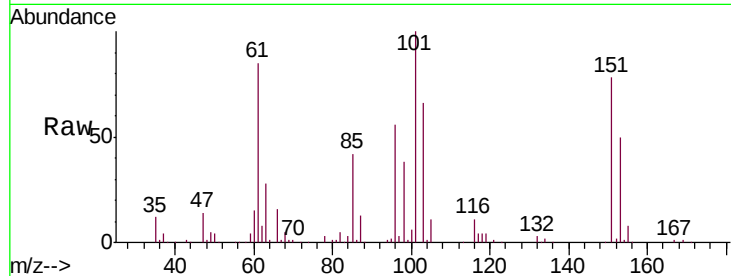
Tgt Ion:101 Resp: 168058

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.2

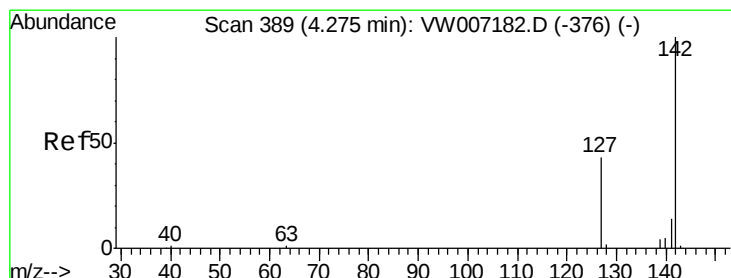
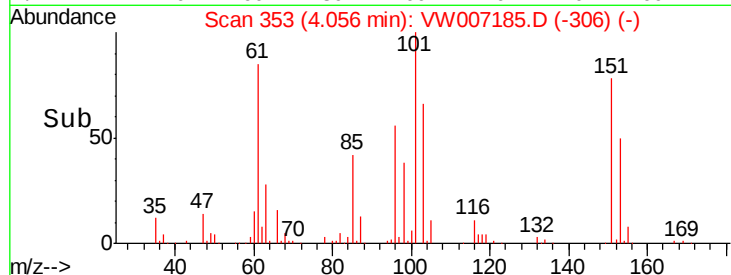
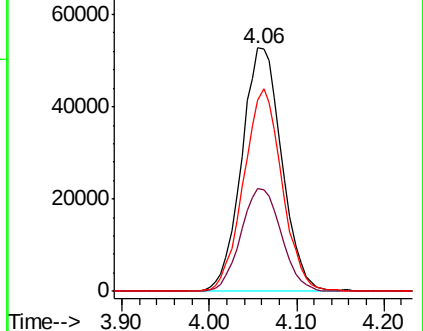
151 79.7 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 176.335 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

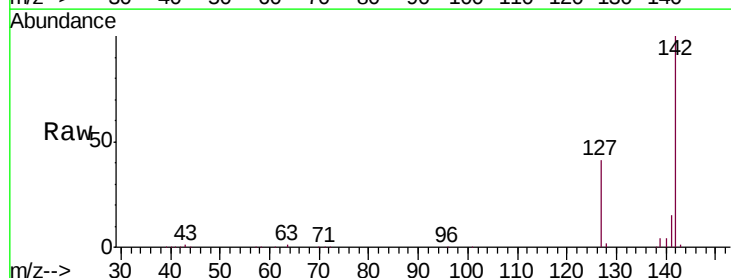
Tgt Ion:142 Resp: 170804

Ion Ratio Lower Upper

142 100

127 41.9 34.9 52.3

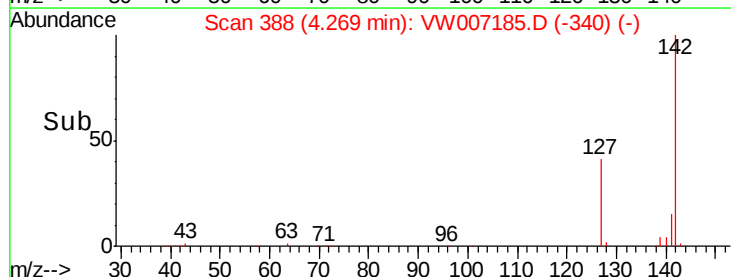
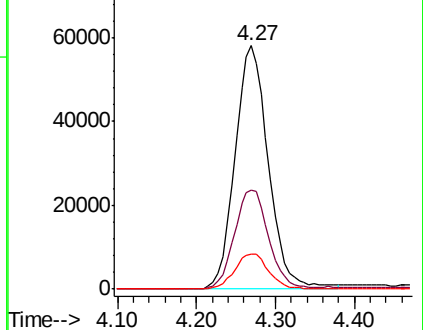
141 14.9 11.7 17.5

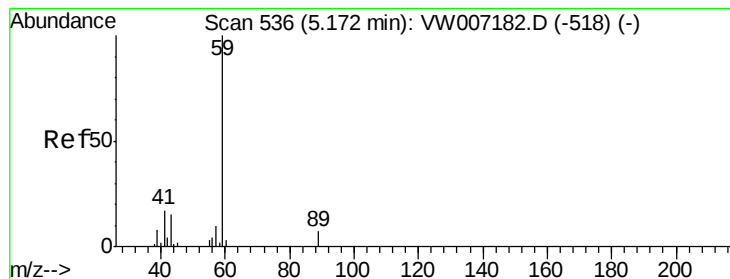


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



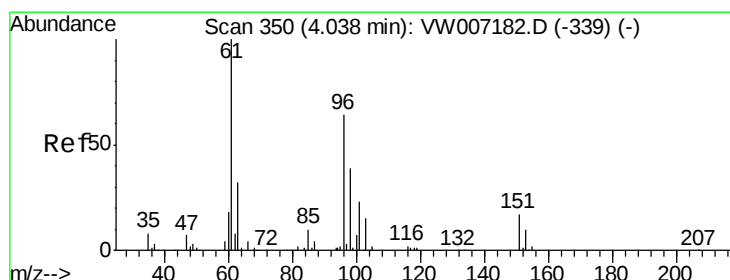
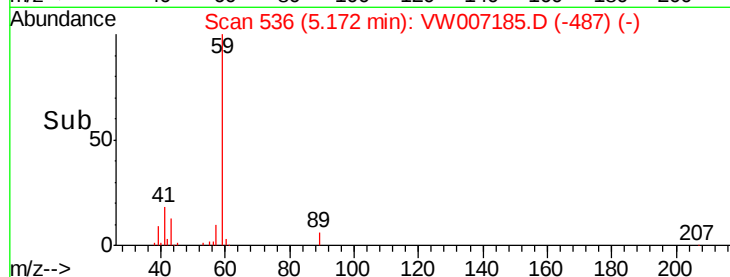
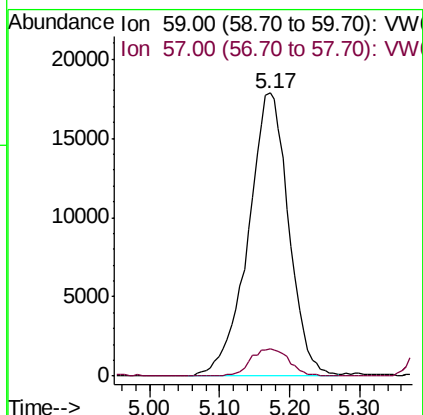
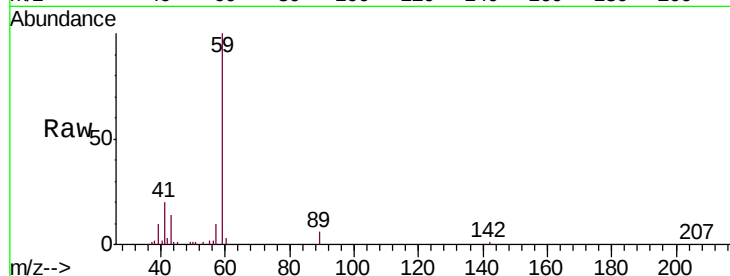


#11

Tert butyl alcohol
 Concen: 595.883 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

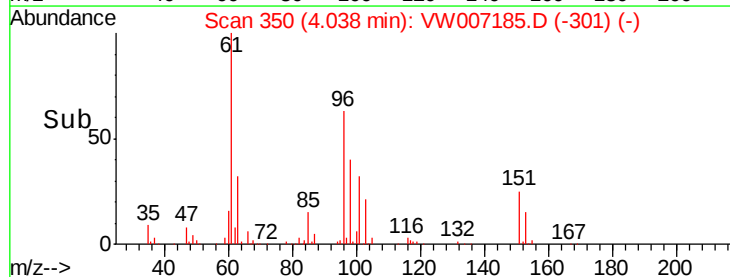
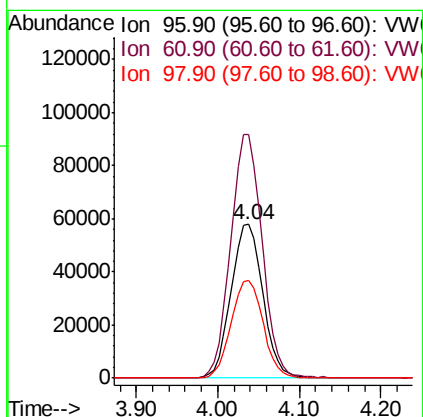
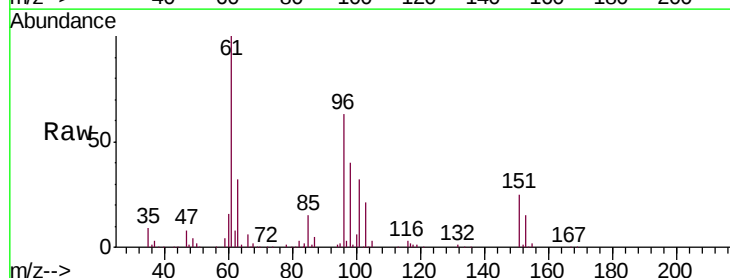
Tgt Ion: 59 Resp: 72064
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.1 10.7

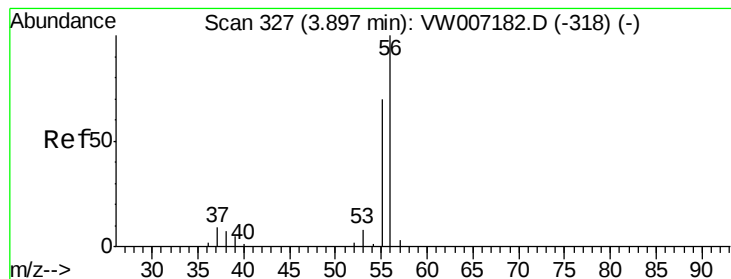


#12

1,1-Dichloroethene
 Concen: 146.719 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 96 Resp: 156343
 Ion Ratio Lower Upper
 96 100
 61 158.5 124.1 186.1
 98 63.4 48.6 72.8





#13

Acrolein

Concen: 805.526 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

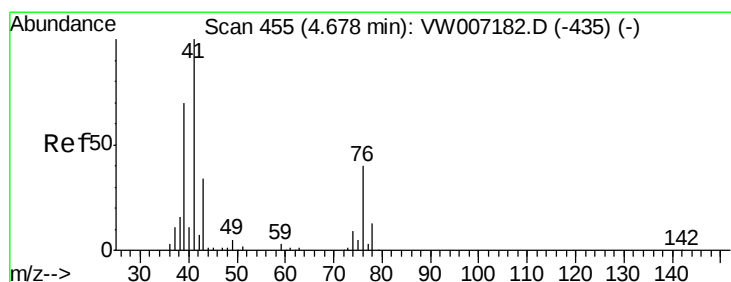
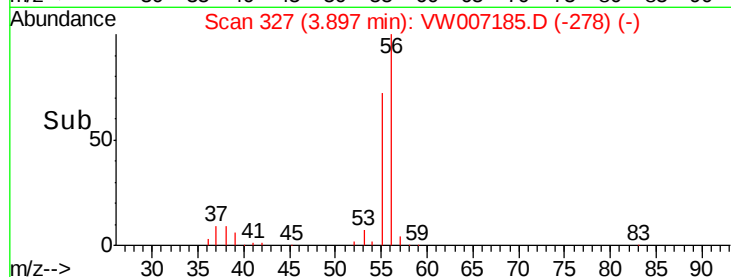
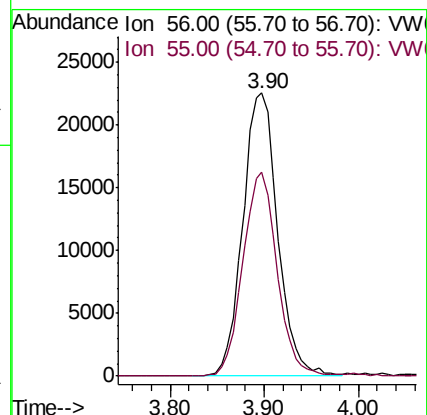
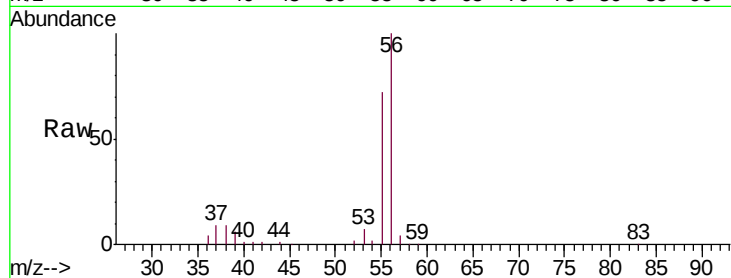
VSTDIC150

Tgt Ion: 56 Resp: 58485

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 148.916 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

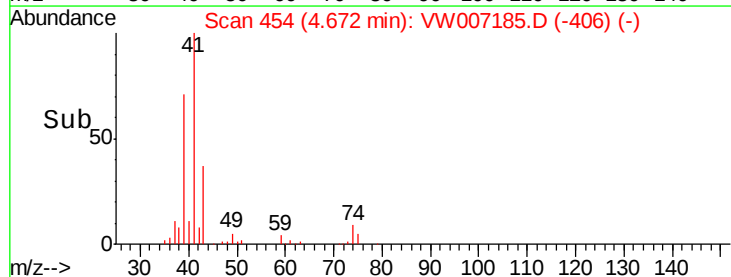
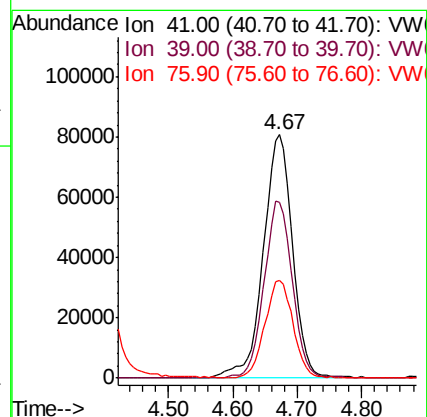
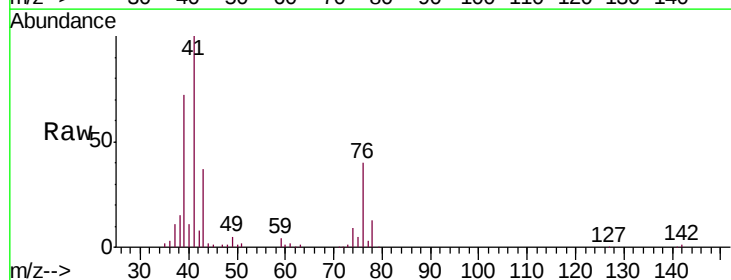
Tgt Ion: 41 Resp: 254356

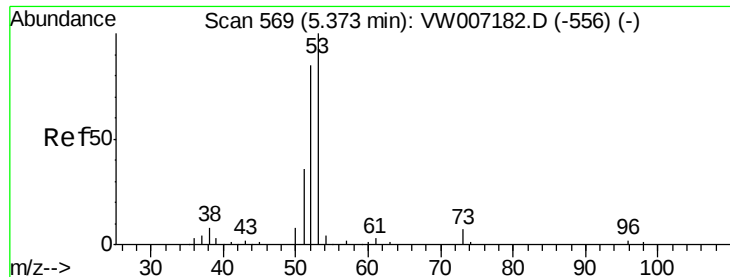
Ion Ratio Lower Upper

41 100

39 70.8 55.9 83.9

76 37.9 30.8 46.2





#15

Acrylonitrile

Concen: 792.573 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

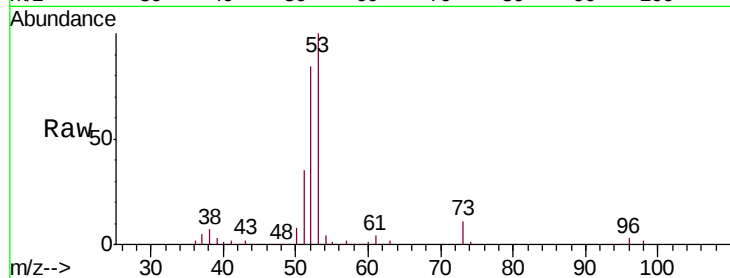
Tgt Ion: 53 Resp: 173844

Ion Ratio Lower Upper

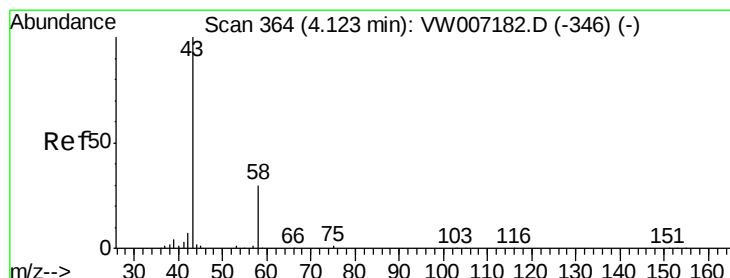
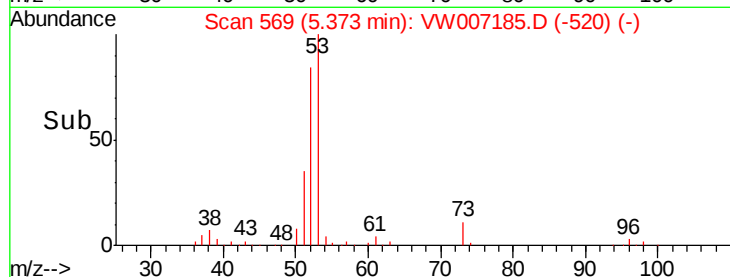
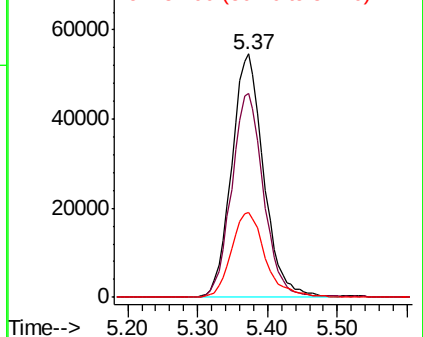
53 100

52 83.0 66.1 99.1

51 37.0 30.3 45.5



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



#16

Acetone

Concen: 762.743 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007185.D

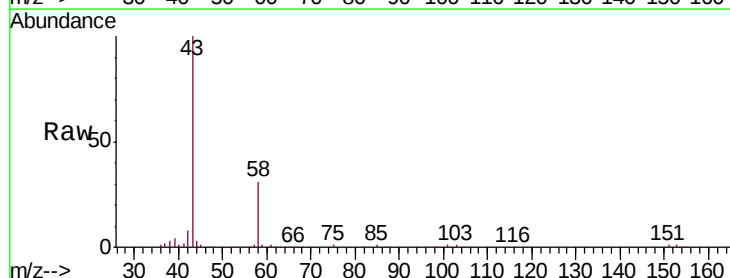
Acq: 04 Dec 2018 13:45

Tgt Ion: 43 Resp: 187101

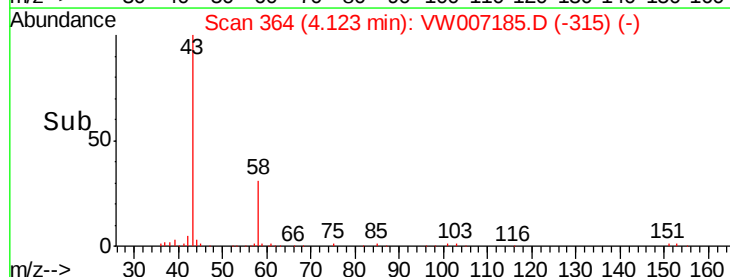
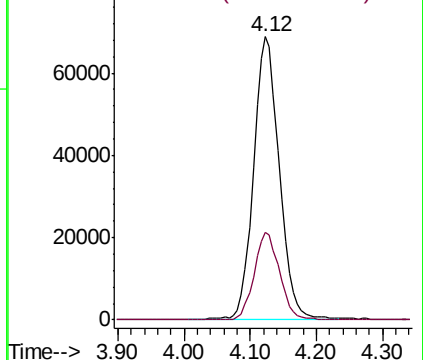
Ion Ratio Lower Upper

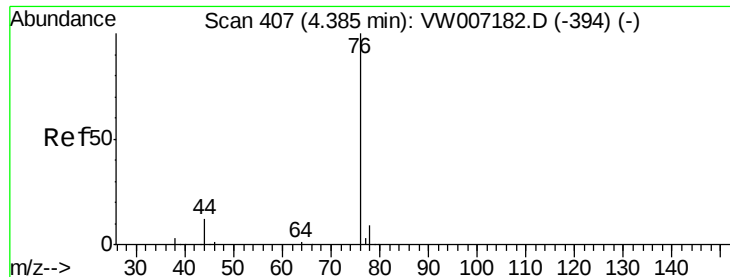
43 100

58 30.8 23.8 35.8



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

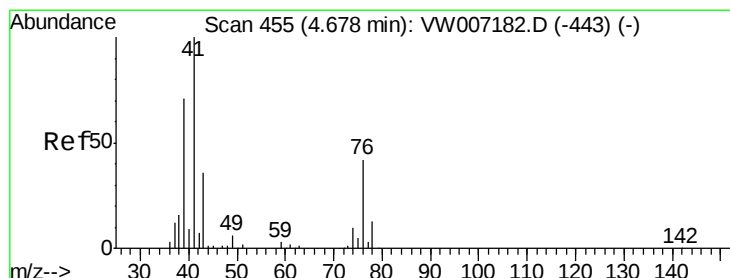
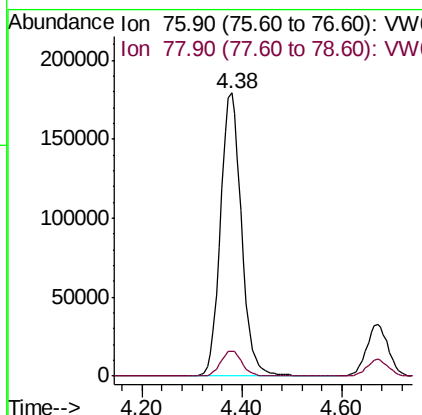
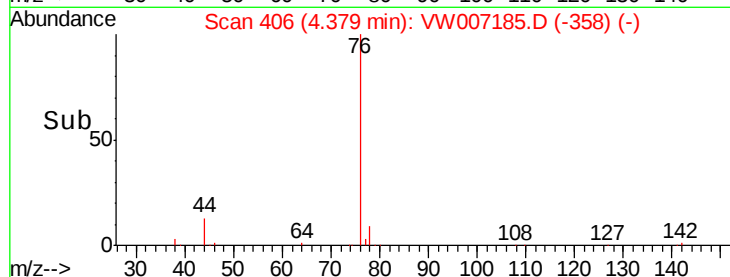
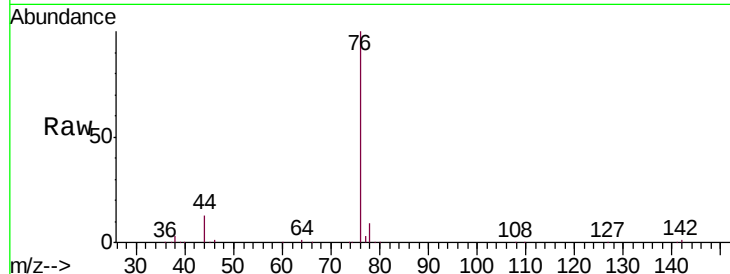




#17
Carbon Disulfide
Concen: 148.774 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

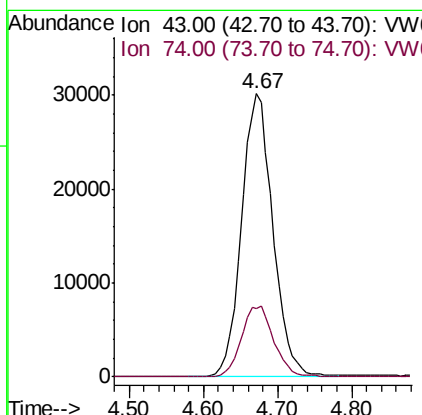
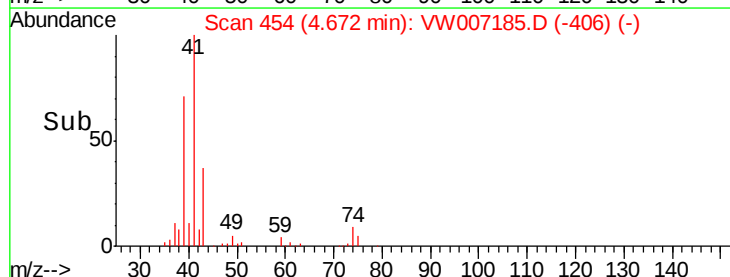
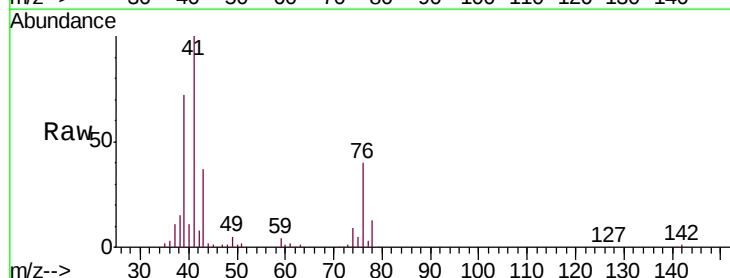
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

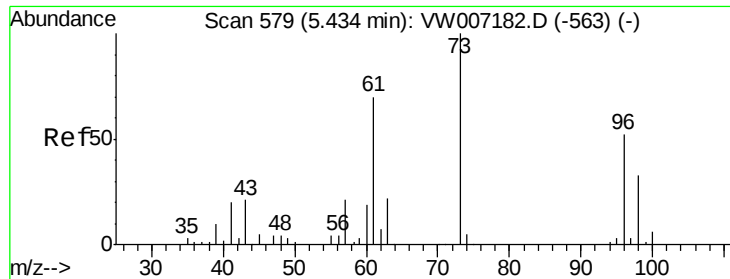
Tgt Ion: 76 Resp: 522572
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 159.328 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 43 Resp: 89211
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1

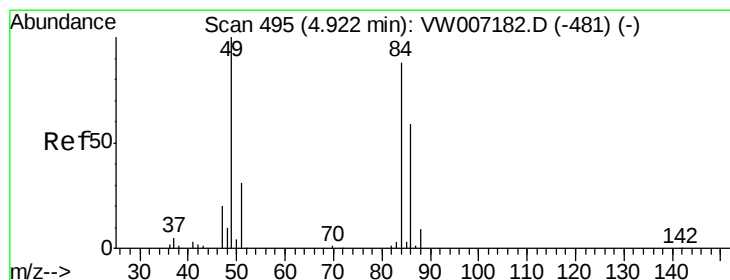
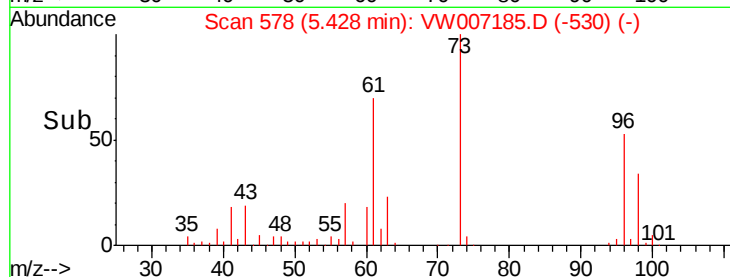
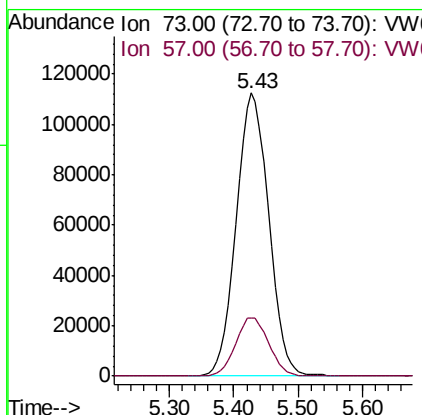
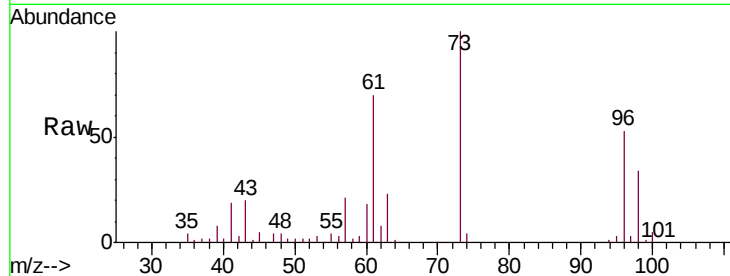




#19
Methyl tert-butyl Ether
Concen: 156.539 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

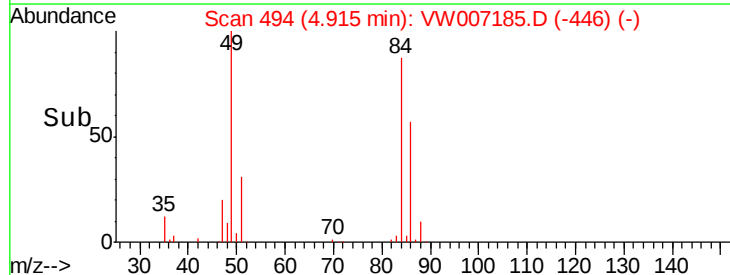
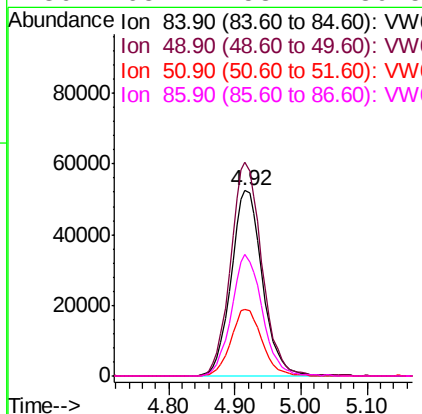
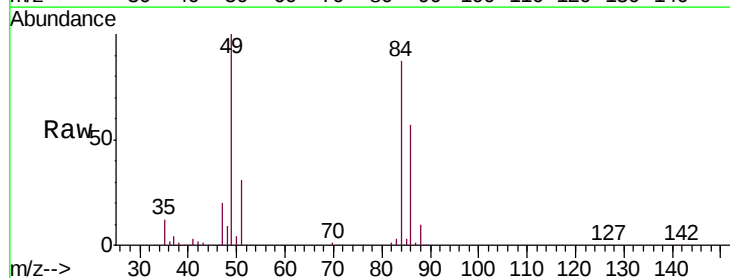
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

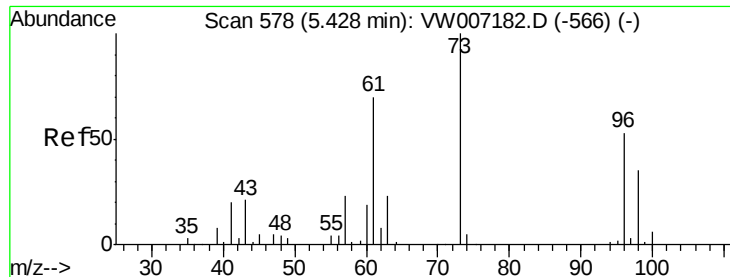
Tgt Ion: 73 Resp: 392737
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0



#20
Methylene Chloride
Concen: 118.105 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 84 Resp: 172282
Ion Ratio Lower Upper
84 100
49 115.2 90.6 135.8
51 35.9 27.6 41.4
86 65.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 149.487 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

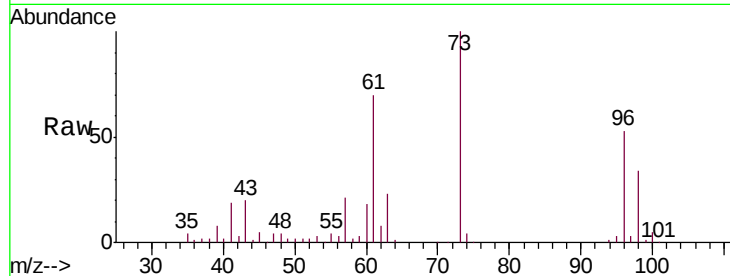
Tgt Ion: 96 Resp: 177866

Ion Ratio Lower Upper

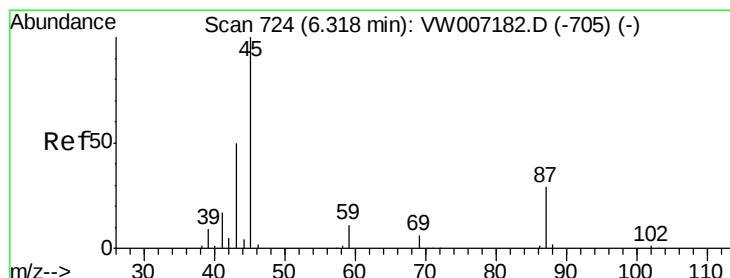
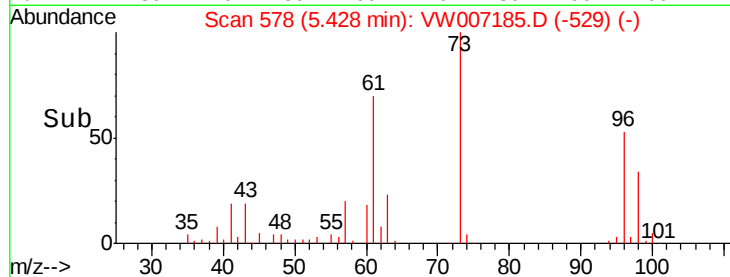
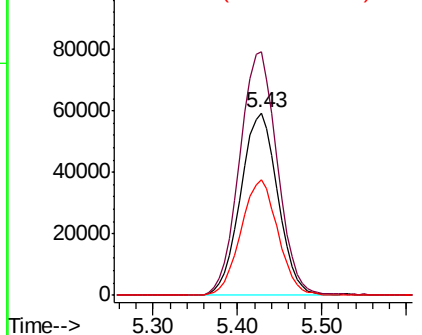
96 100

61 133.7 105.5 158.3

98 63.7 52.6 79.0



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



#22

Diisopropyl ether

Concen: 146.257 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion: 45 Resp: 448459

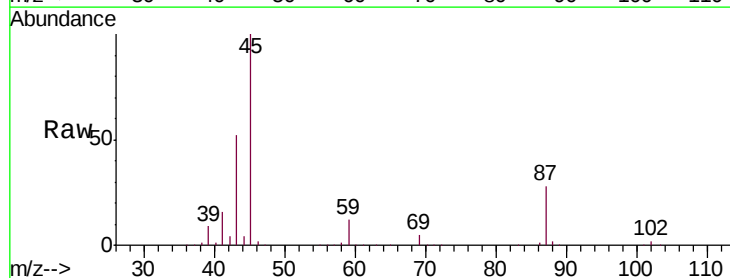
Ion Ratio Lower Upper

45 100

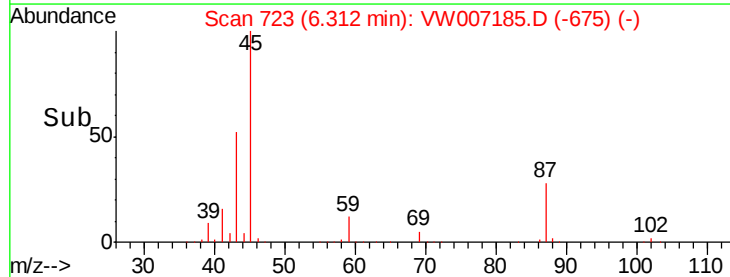
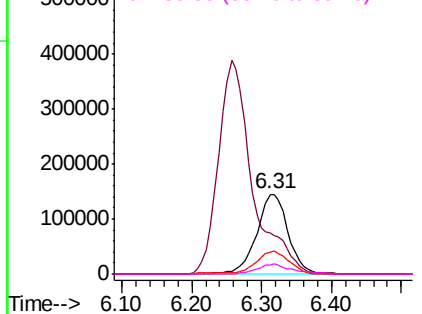
43 50.8 40.8 61.2

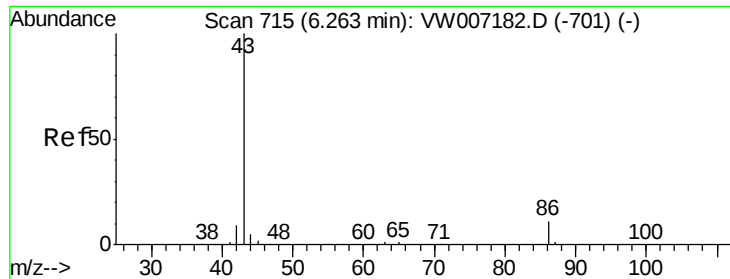
87 27.5 24.0 36.0

59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 785.077 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

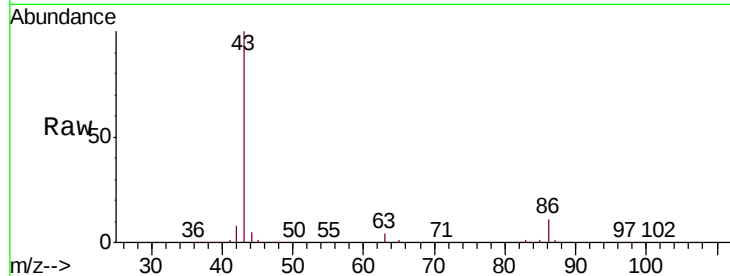
VSTDIC150

Tgt Ion: 43 Resp: 1313496

Ion Ratio Lower Upper

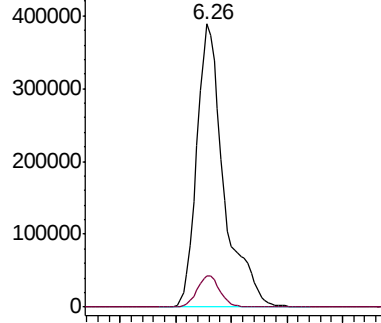
43 100

86 11.0 9.0 13.6

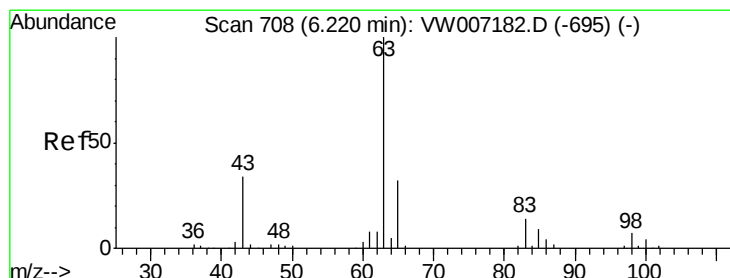
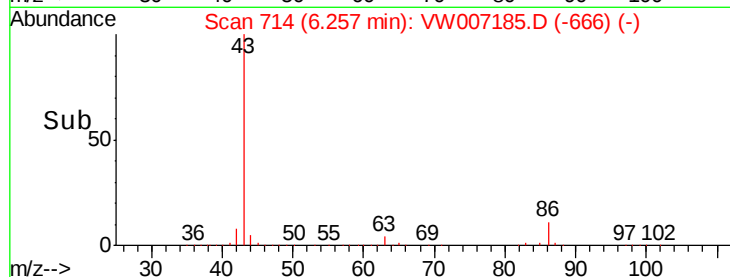


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 152.582 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

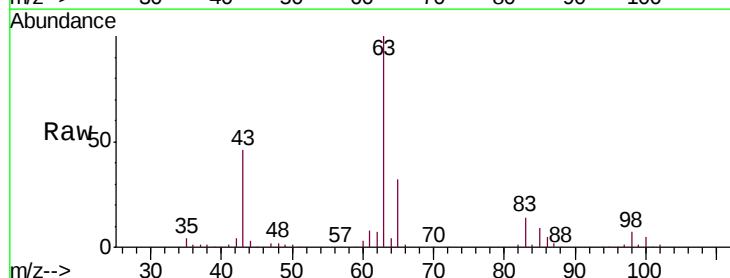
Tgt Ion: 63 Resp: 299865

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

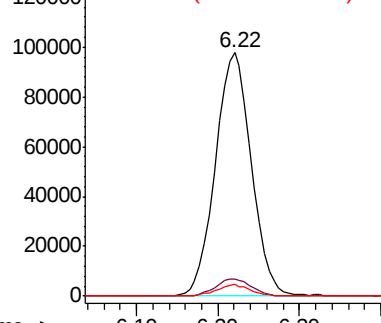
100 4.7 2.1 6.2



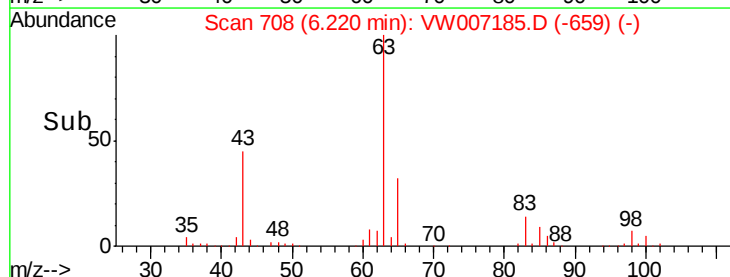
Abundance Ion 62.90 (62.60 to 63.60): VW

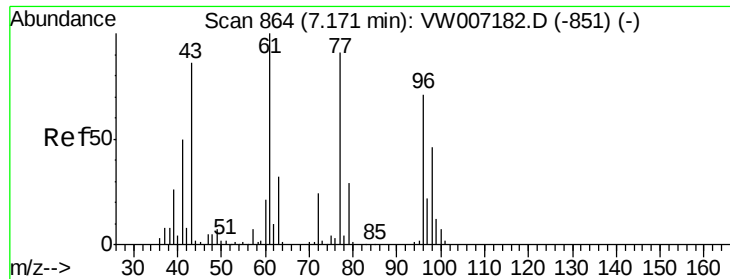
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 797.970 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

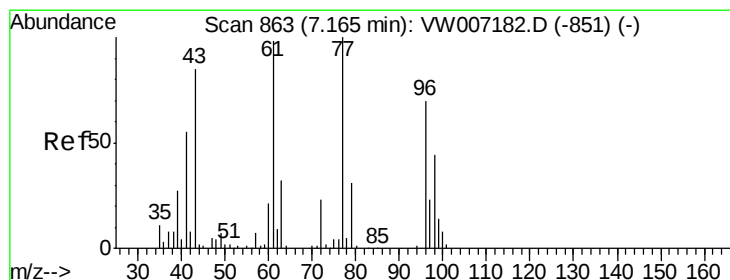
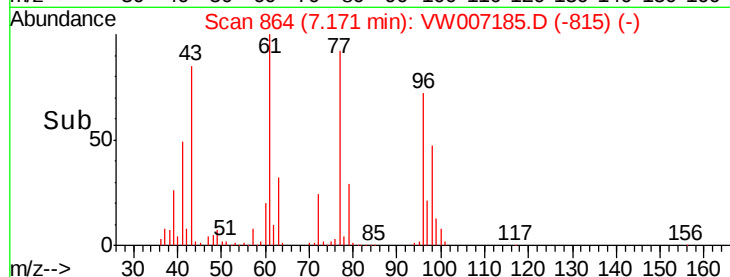
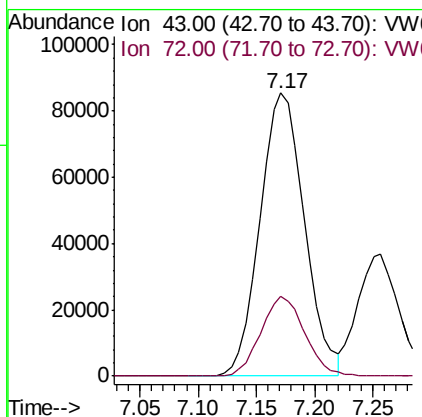
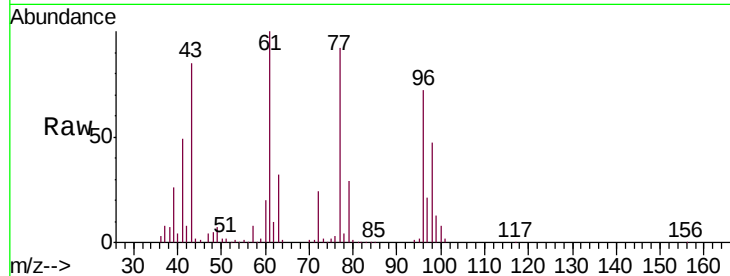
VSTDIC150

Tgt Ion: 43 Resp: 226905

Ion Ratio Lower Upper

43 100

72 28.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 143.753 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007185.D

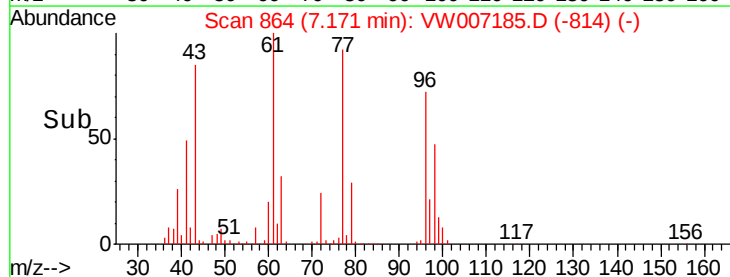
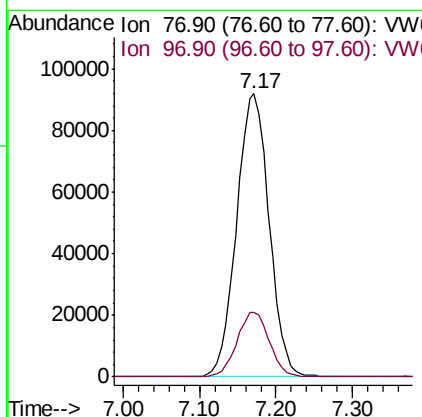
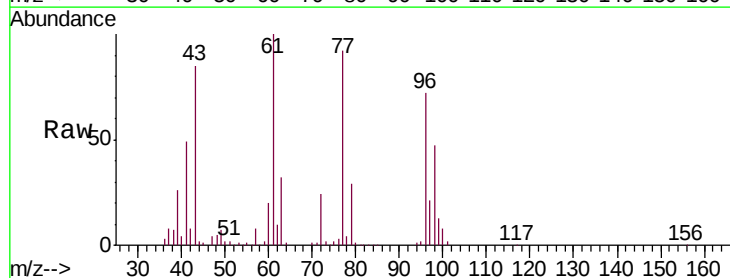
Acq: 04 Dec 2018 13:45

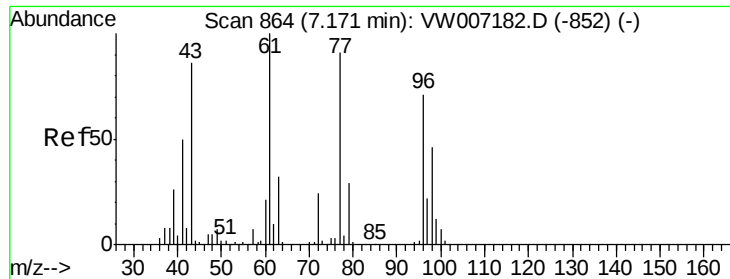
Tgt Ion: 77 Resp: 271491

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4



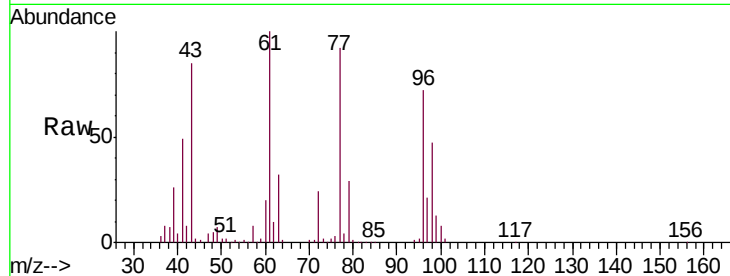


#27

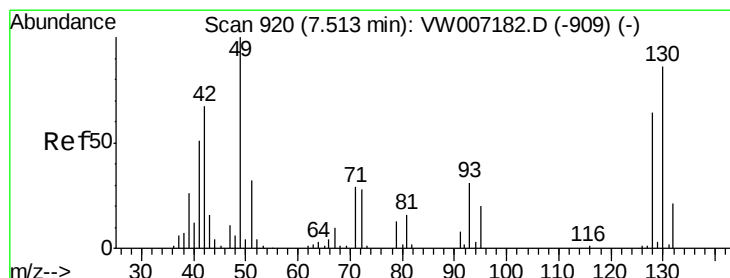
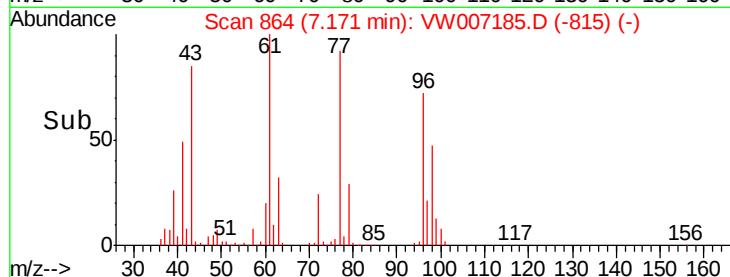
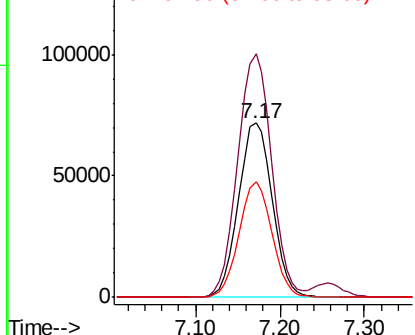
cis-1,2-Dichloroethene
Concen: 152.629 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 194679
Ion Ratio Lower Upper
96 100
61 140.2 0.0 282.4
98 64.5 0.0 129.8



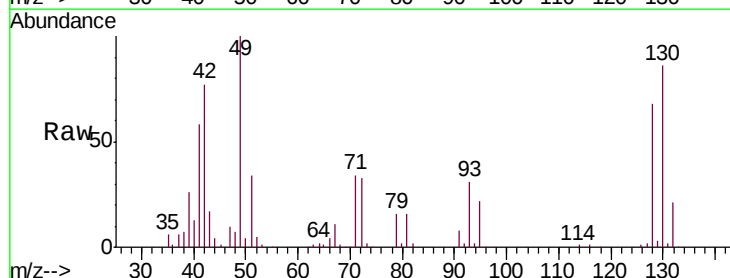
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



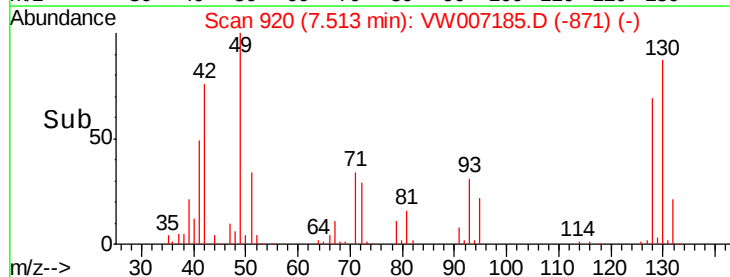
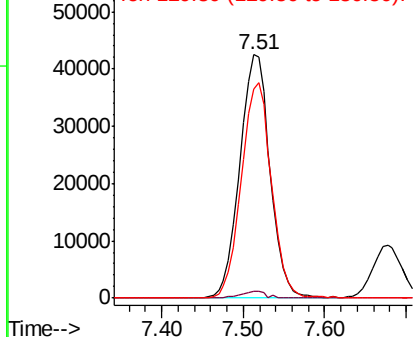
#28

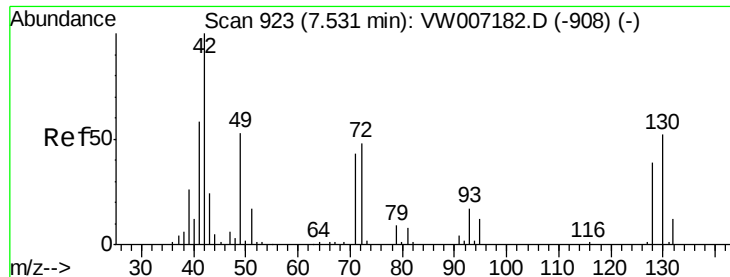
Bromochloromethane
Concen: 154.290 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 49 Resp: 109336
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 88.2 70.3 105.5



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





#29

Tetrahydrofuran

Concen: 814.136 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

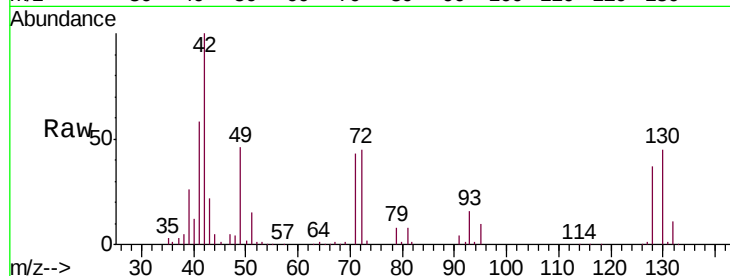
Tgt Ion: 42 Resp: 143058

Ion Ratio Lower Upper

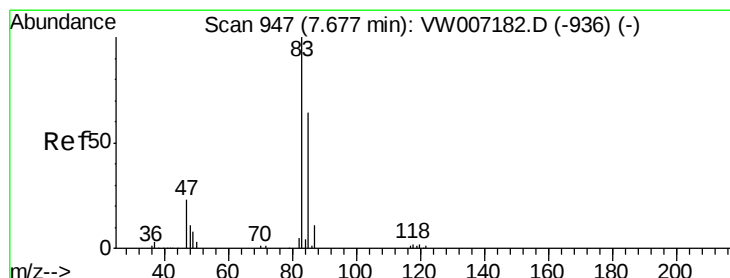
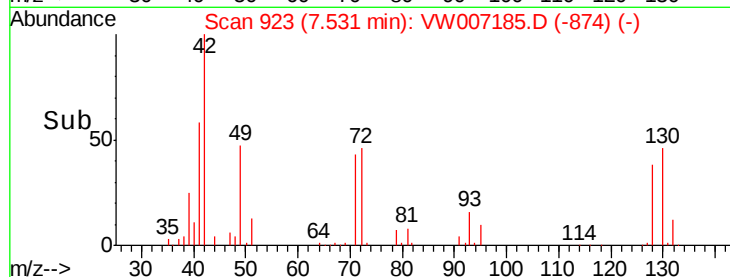
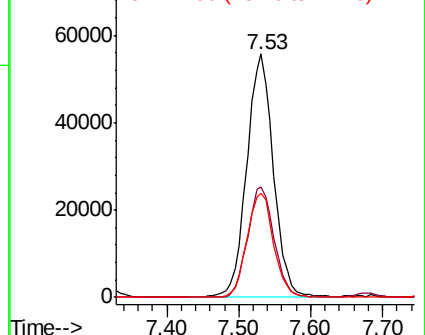
42 100

72 45.0 36.6 55.0

71 42.8 34.8 52.2



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



#30

Chloroform

Concen: 152.744 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007185.D

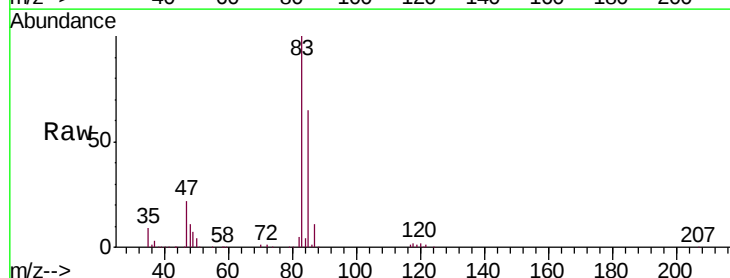
Acq: 04 Dec 2018 13:45

Tgt Ion: 83 Resp: 311972

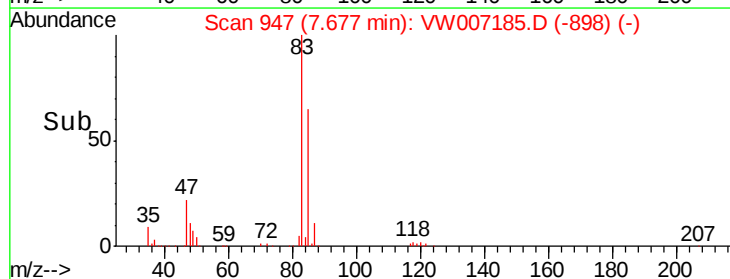
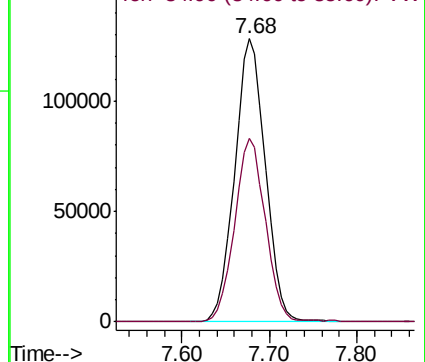
Ion Ratio Lower Upper

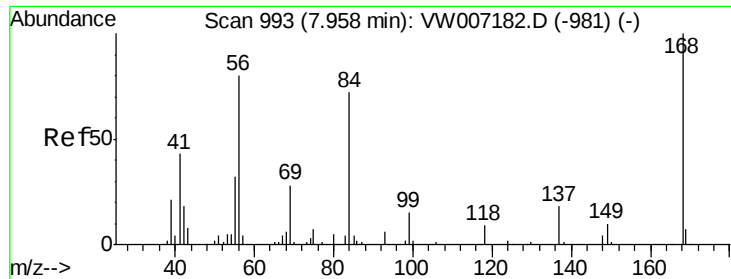
83 100

85 64.8 51.5 77.3



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

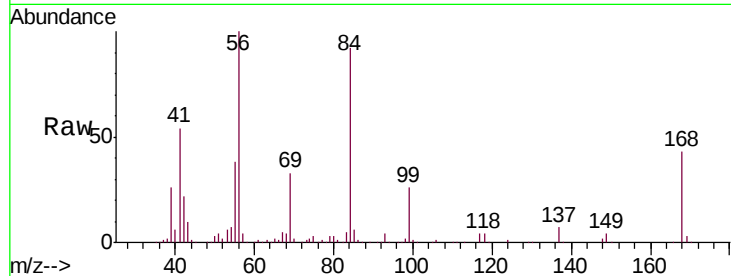




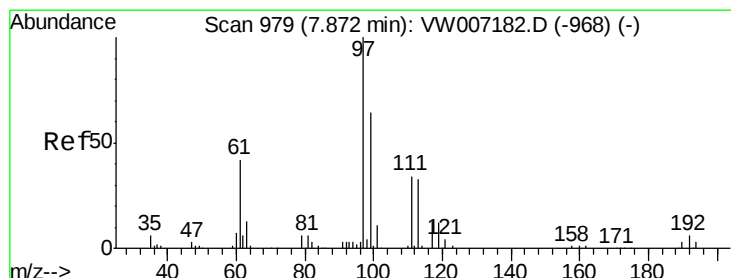
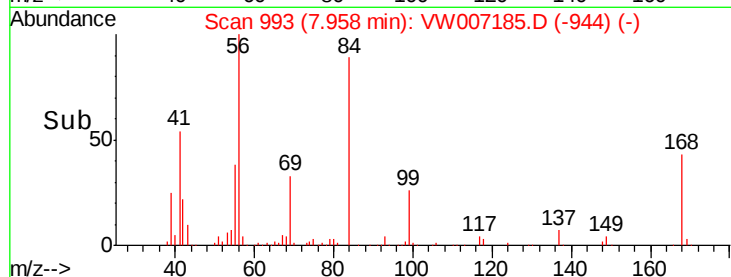
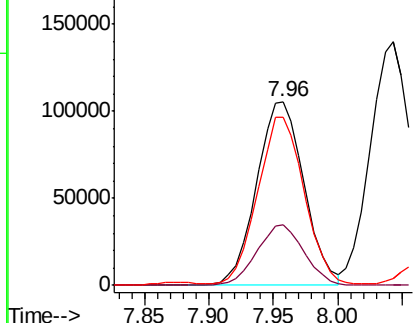
#31
Cyclohexane
Concen: 130.522 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 268387
Ion Ratio Lower Upper
56 100
69 32.8 28.2 42.2
84 90.4 72.1 108.1

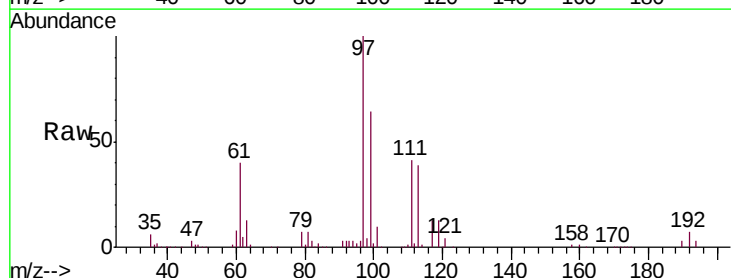


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

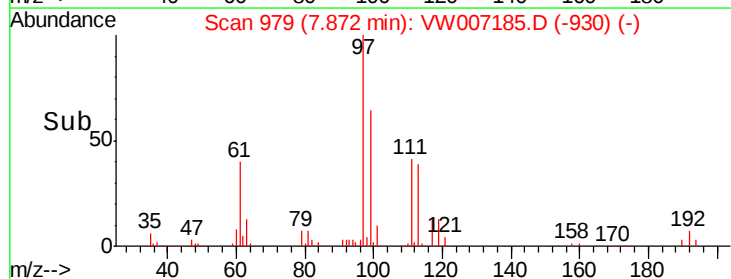
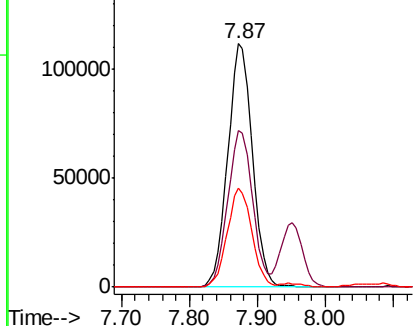


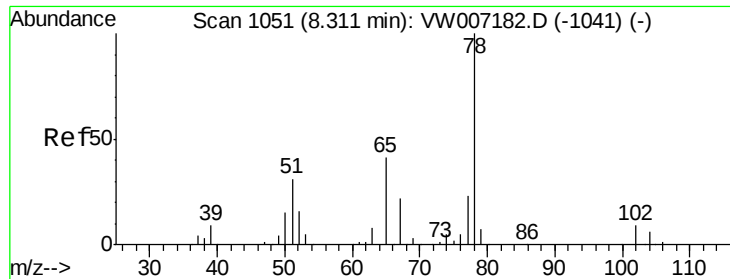
#32
1,1,1-Trichloroethane
Concen: 145.963 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 97 Resp: 280558
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 40.5 33.2 49.8



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

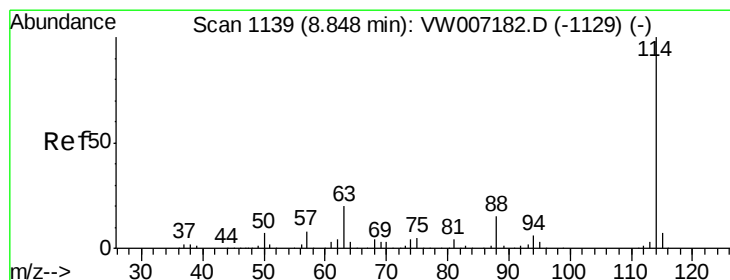
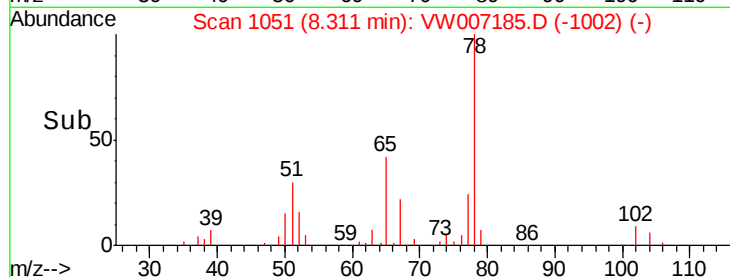
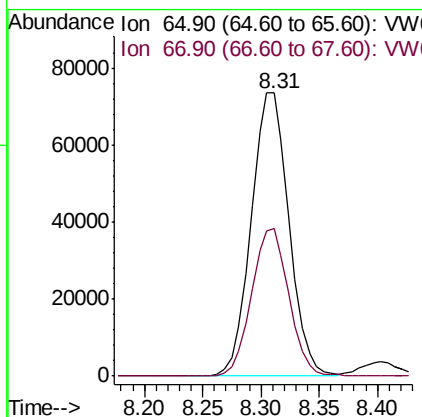
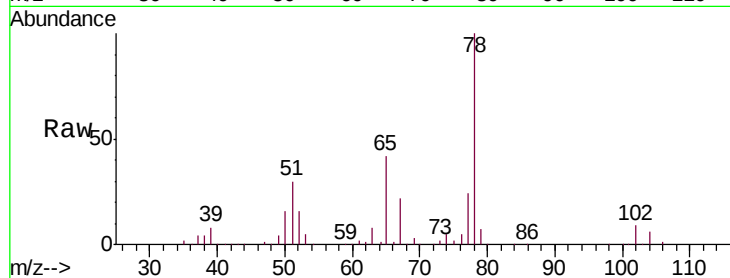




#33
 1,2-Dichloroethane-d4
 Concen: 160.043 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

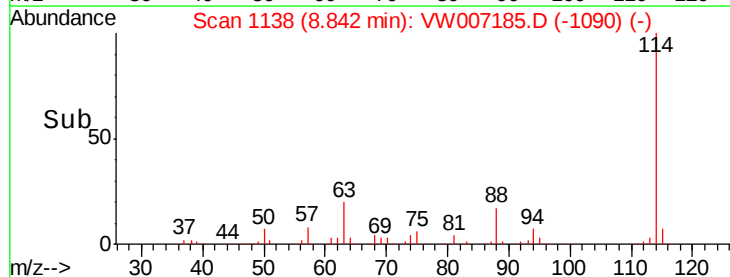
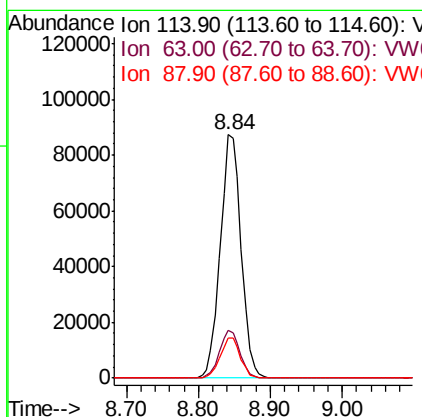
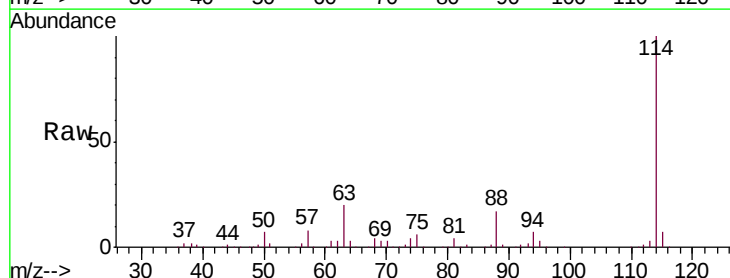
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

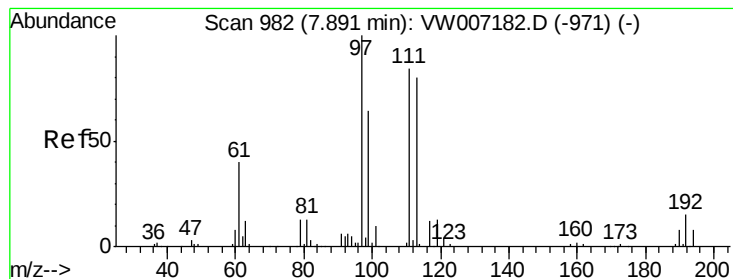
Tgt Ion: 65 Resp: 165834
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 114 Resp: 175655
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.2
 88 16.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 160.366 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

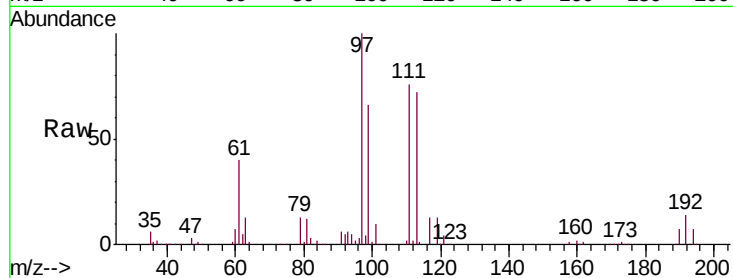
Tgt Ion:113 Resp: 161295

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

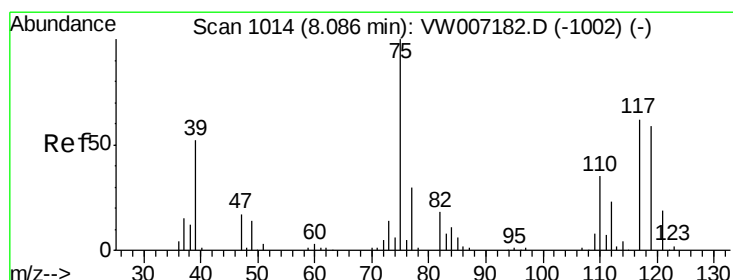
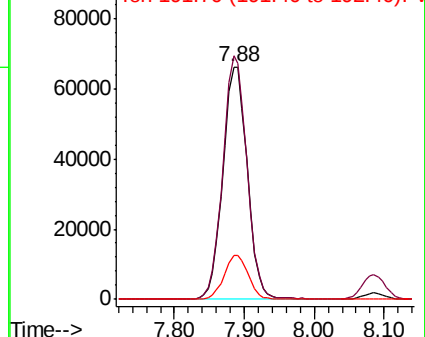
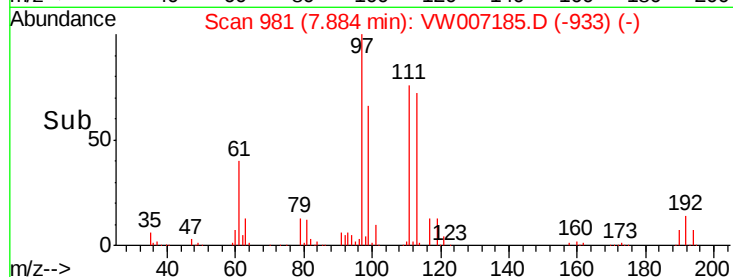
192 18.6 14.4 21.6



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: 137.487 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

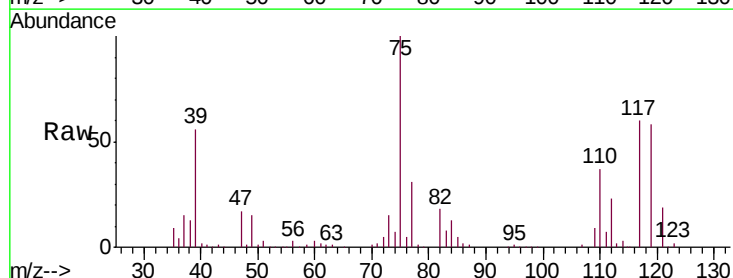
Tgt Ion: 75 Resp: 234987

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.9

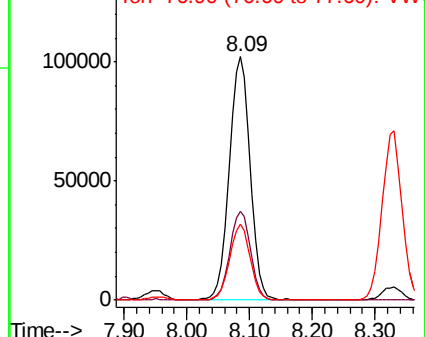
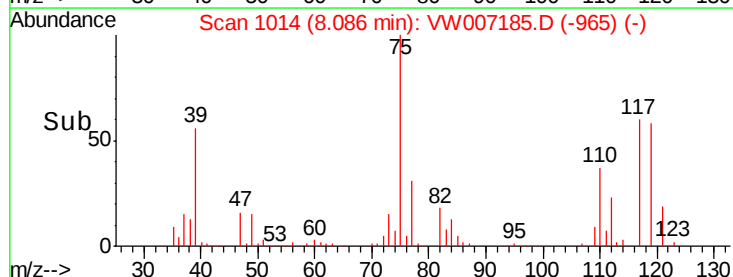
77 30.9 24.9 37.3

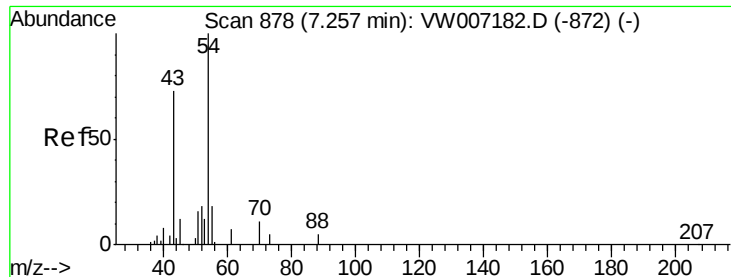


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 150.086 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

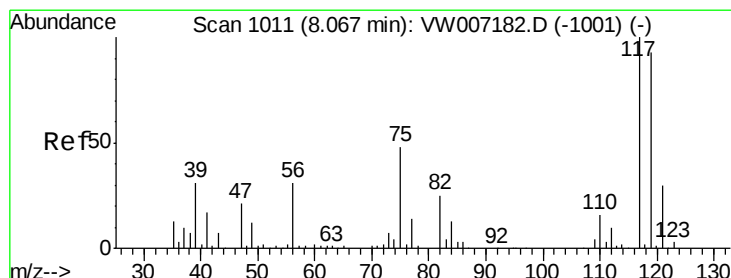
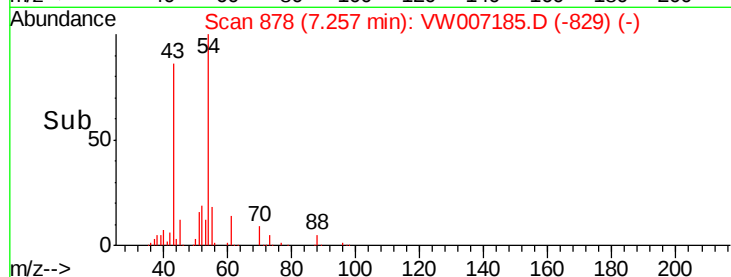
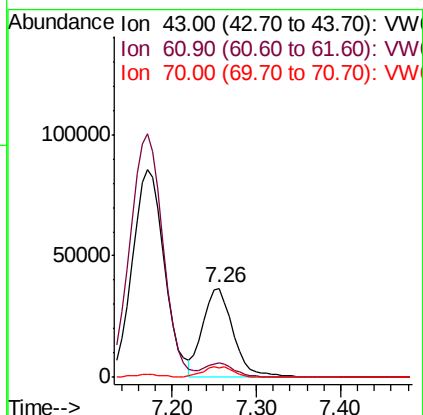
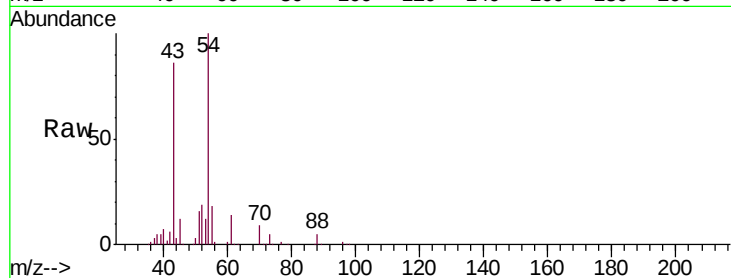
Tgt Ion: 43 Resp: 92790

Ion Ratio Lower Upper

43 100

61 16.1 12.1 18.1

70 12.1 9.1 13.7



#38

Carbon Tetrachloride

Concen: 140.430 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

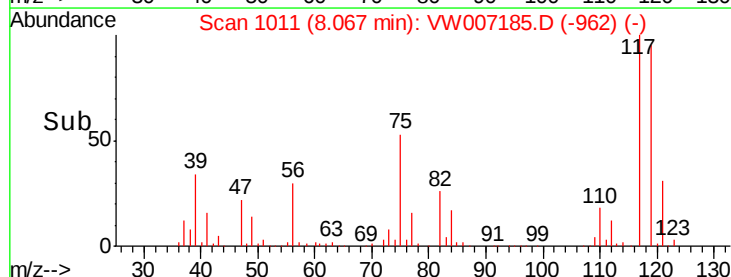
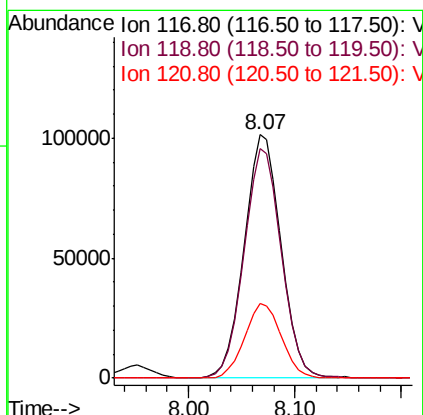
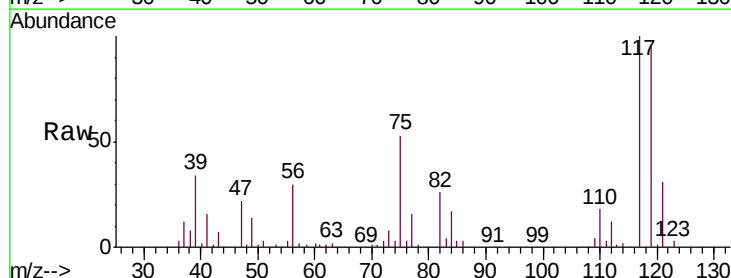
Tgt Ion: 117 Resp: 244977

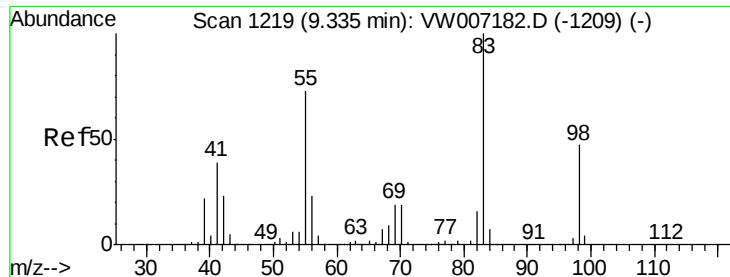
Ion Ratio Lower Upper

117 100

119 94.6 74.1 111.1

121 30.9 23.9 35.9

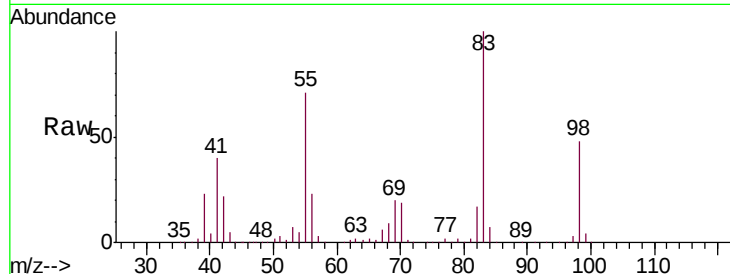




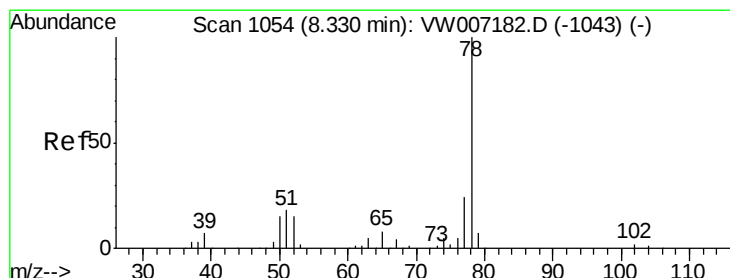
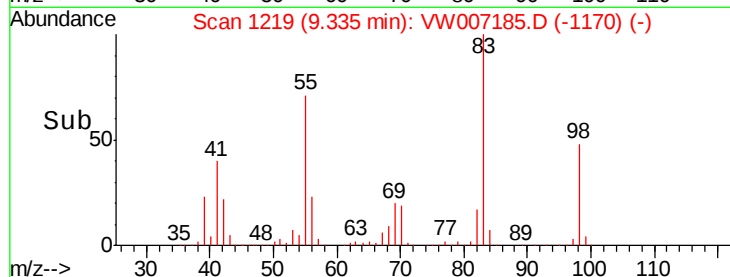
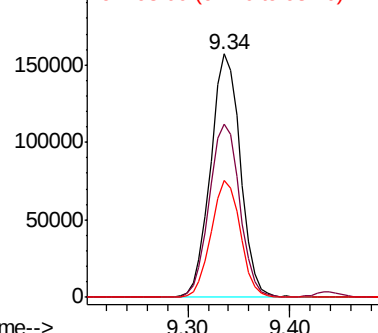
#39
Methylcyclohexane
Concen: 139.040 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 318124
Ion Ratio Lower Upper
83 100
55 71.0 58.1 87.1
98 47.9 37.3 55.9

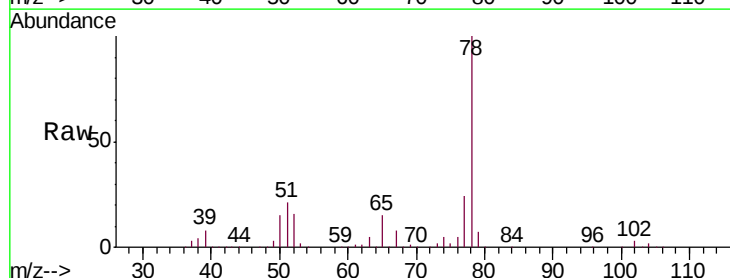


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

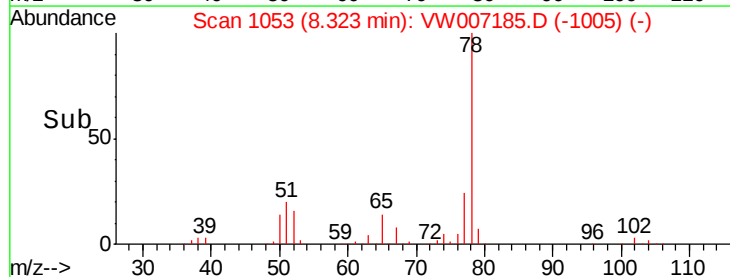
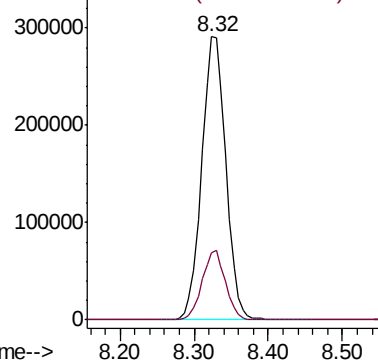


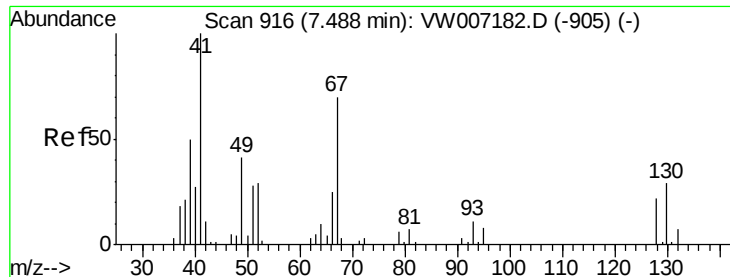
#40
Benzene
Concen: 141.011 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 78 Resp: 660881
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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

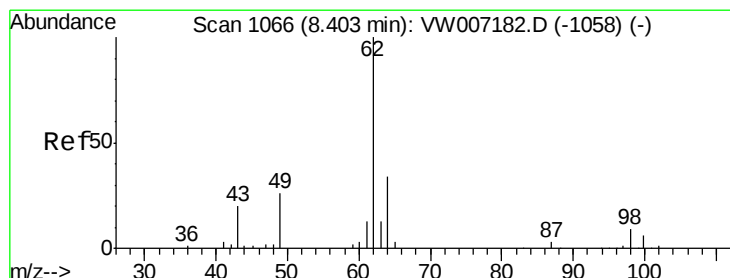
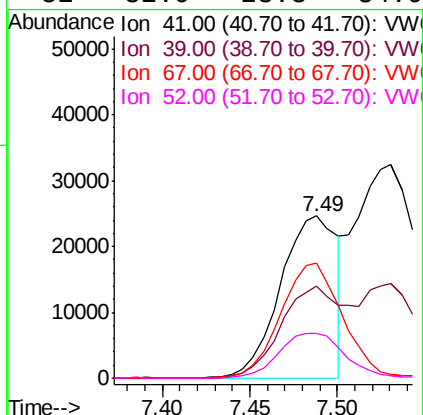
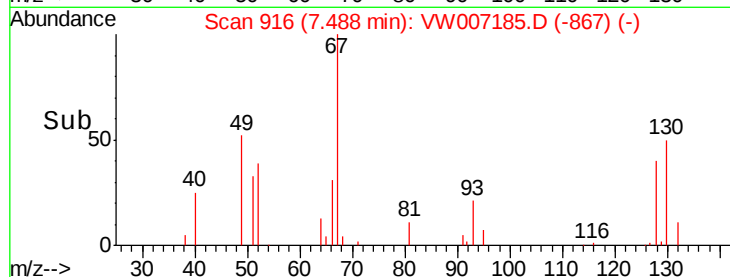
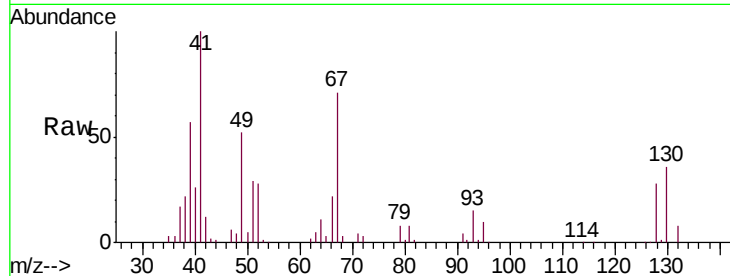




#41
Methacrylonitrile
Concen: 150.899 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

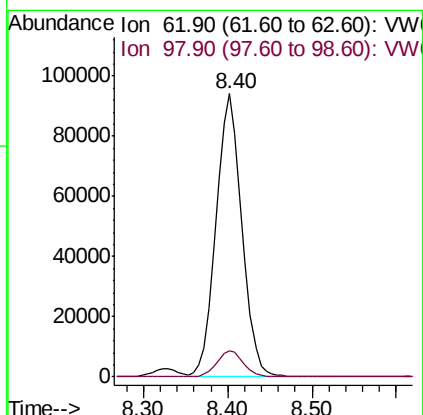
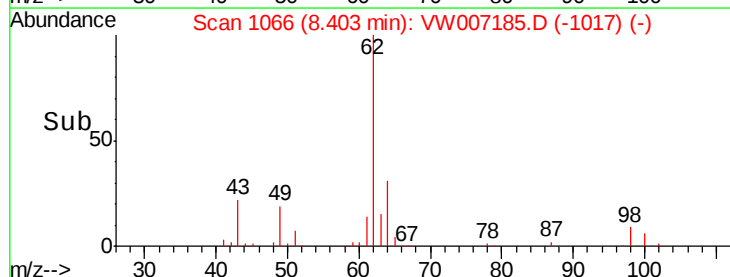
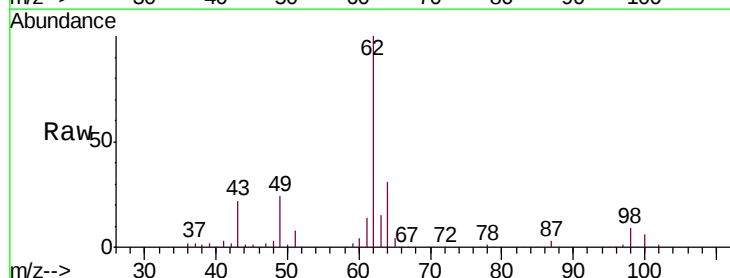
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

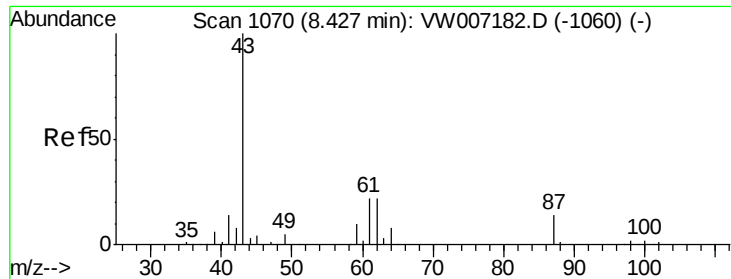
Tgt Ion: 41 Resp: 55880
Ion Ratio Lower Upper
41 100
39 69.5 43.4 65.0#
67 77.5 57.4 86.0
52 32.9 23.3 34.9



#42
1,2-Dichloroethane
Concen: 152.104 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 62 Resp: 199231
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 158.453 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

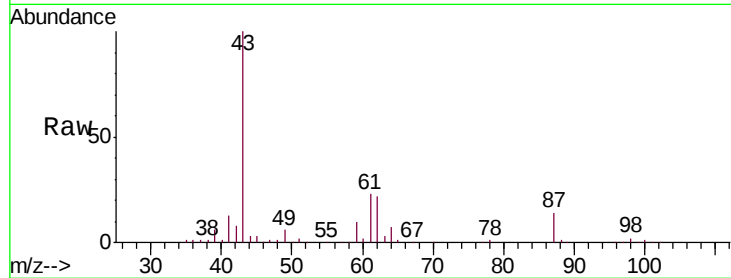
Tgt Ion: 43 Resp: 190263

Ion Ratio Lower Upper

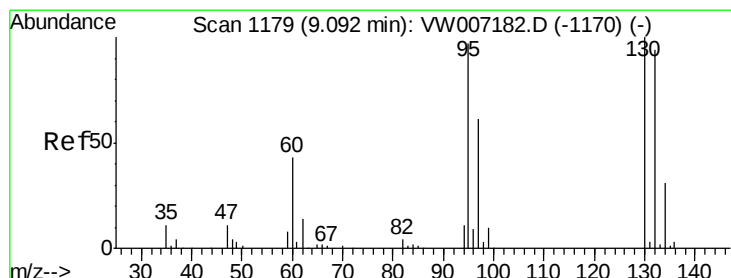
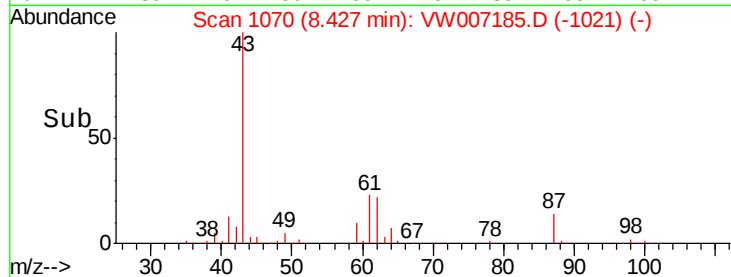
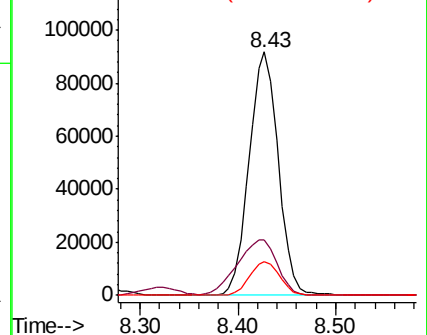
43 100

61 31.1 25.4 38.0

87 14.3 11.4 17.0



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: 139.390 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007185.D

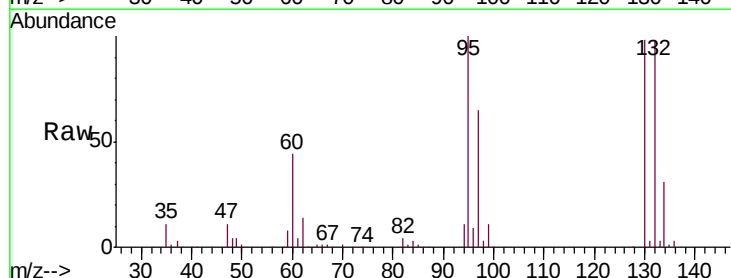
Acq: 04 Dec 2018 13:45

Tgt Ion: 130 Resp: 183632

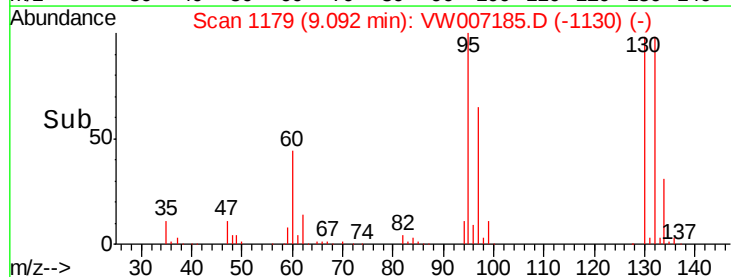
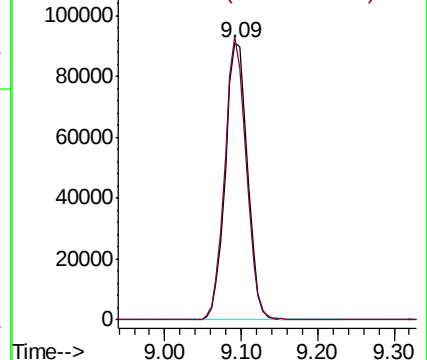
Ion Ratio Lower Upper

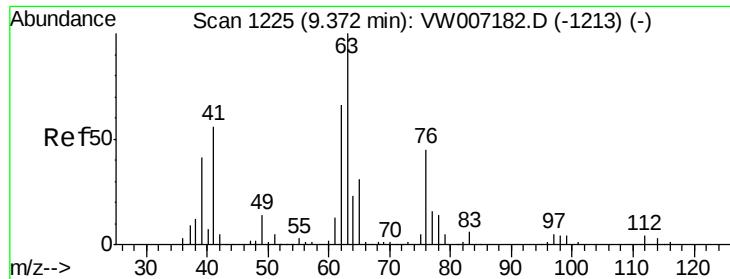
130 100

95 102.0 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

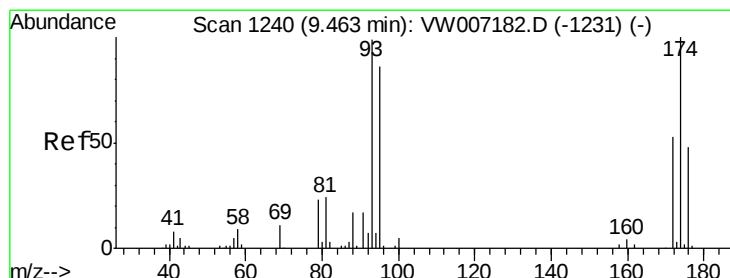
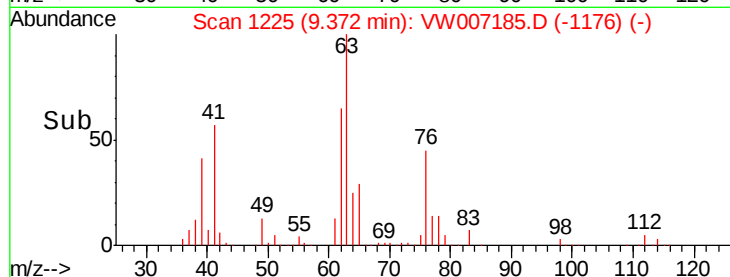
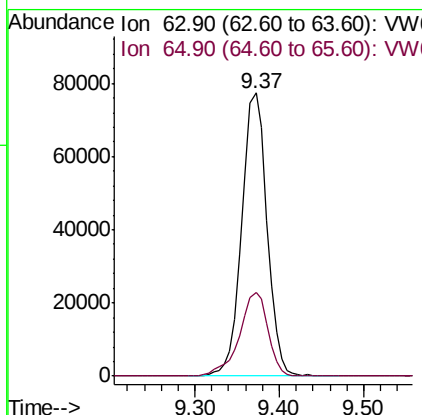
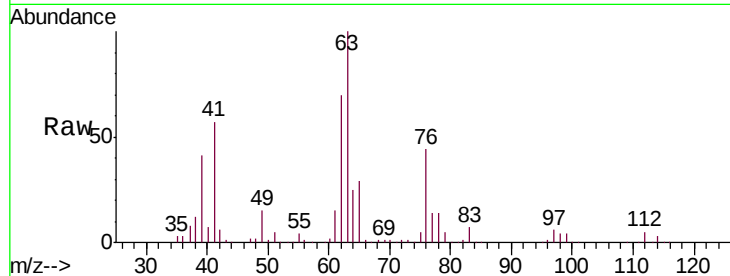




#45
 1,2-Dichloropropane
 Concen: 142.509 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

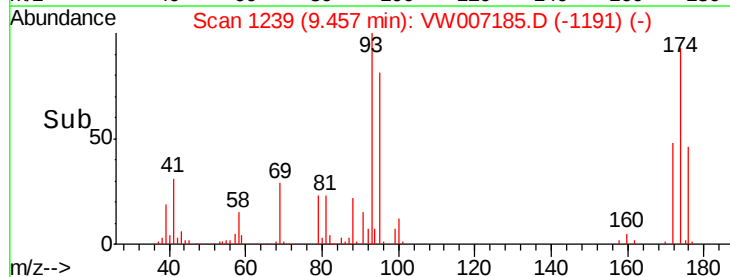
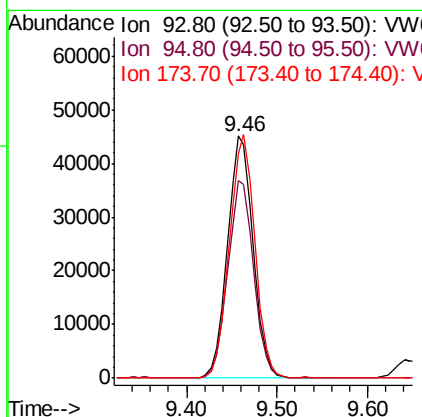
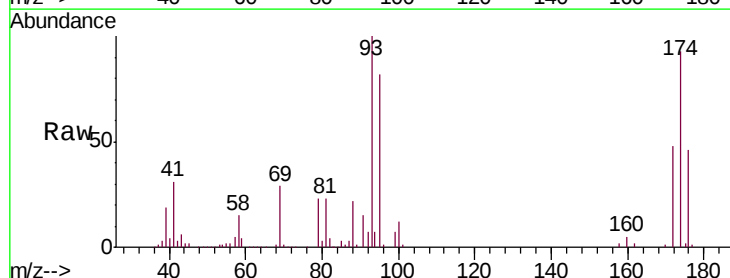
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

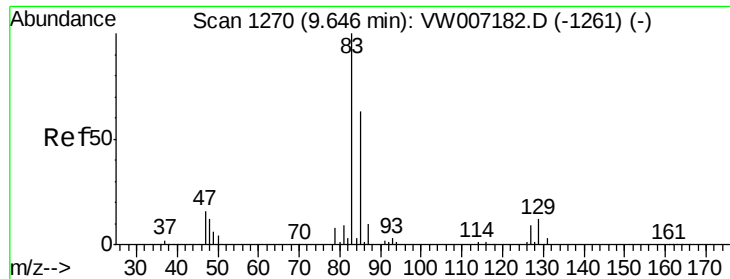
Tgt Ion: 63 Resp: 155425
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4



#46
 Dibromomethane
 Concen: 155.559 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 93 Resp: 88159
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.7 103.1
 174 100.2 82.9 124.3





#47

Bromodichloromethane

Concen: 149.791 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

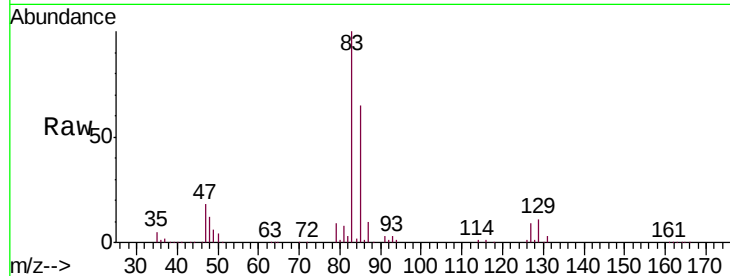
Tgt Ion: 83 Resp: 223298

Ion Ratio Lower Upper

83 100

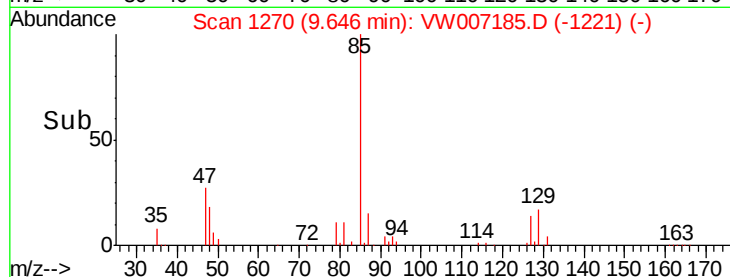
85 65.1 50.6 76.0

127 8.9 7.3 10.9

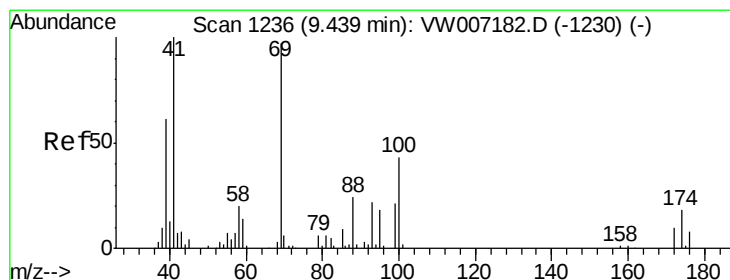


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

9.65



Time--> 9.50 9.60 9.70 9.80



#48

Methyl methacrylate

Concen: 161.778 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

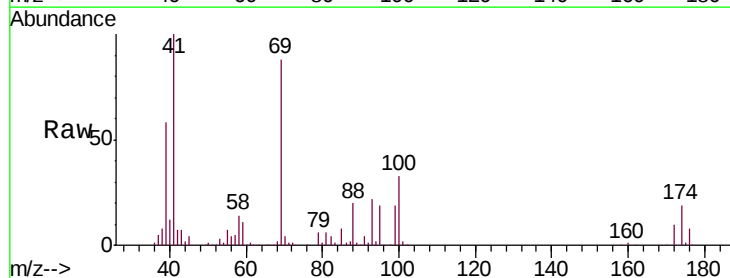
Tgt Ion: 41 Resp: 100820

Ion Ratio Lower Upper

41 100

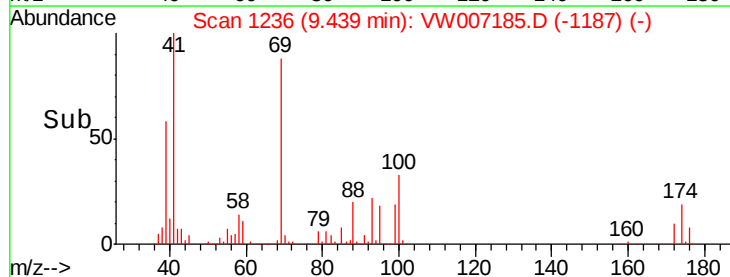
69 85.2 69.6 104.4

39 53.6 42.4 63.6

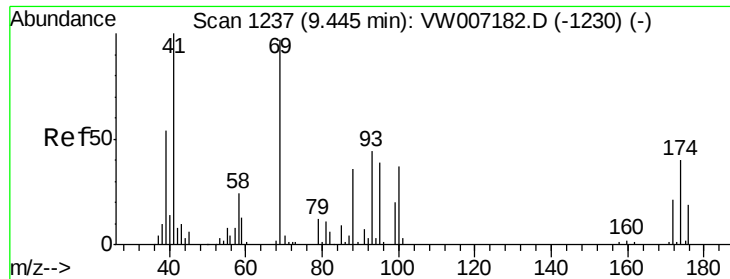


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

9.44



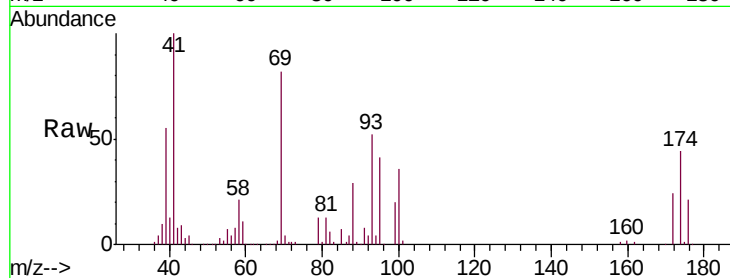
Time--> 9.40 9.45 9.50



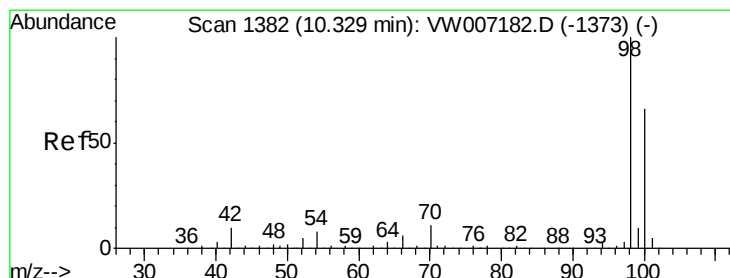
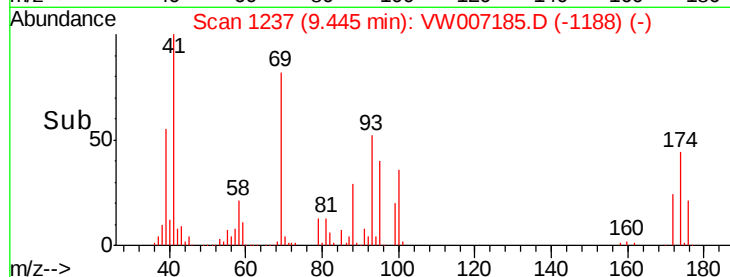
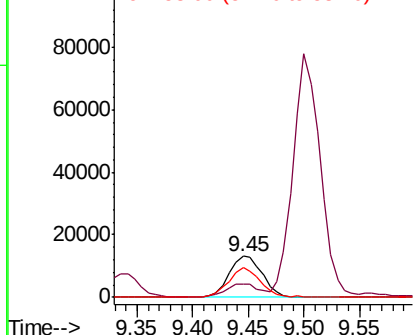
#49
 1,4-Dioxane
 Concen: 2784.717 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 27569
 Ion Ratio Lower Upper
 88 100
 43 33.0 25.8 38.8
 58 69.6 58.9 88.3

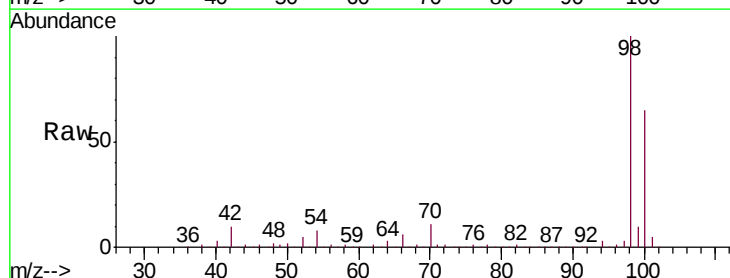


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

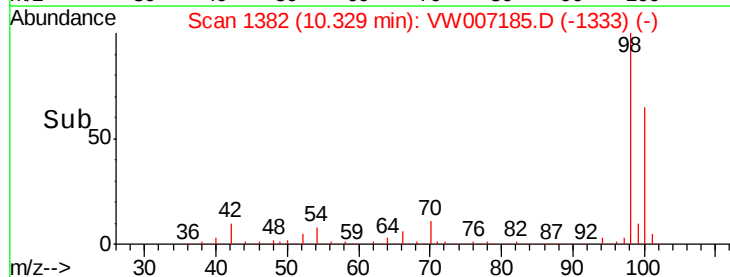
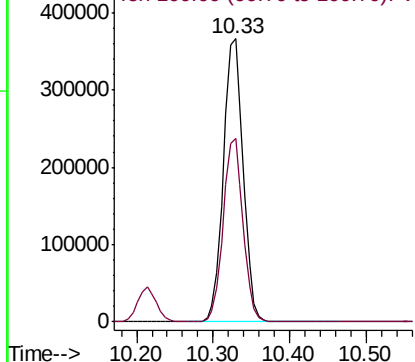


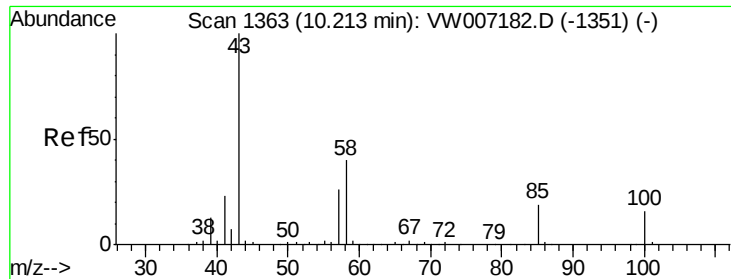
#50
 Toluene-d8
 Concen: 147.875 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 98 Resp: 655164
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

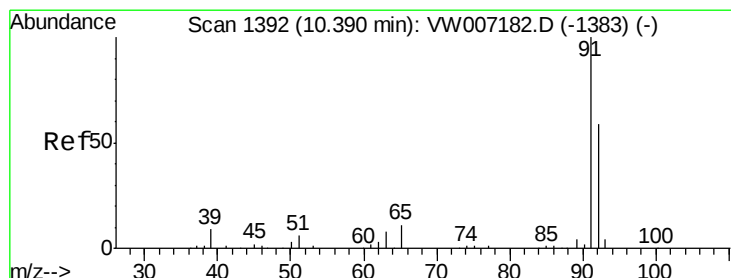
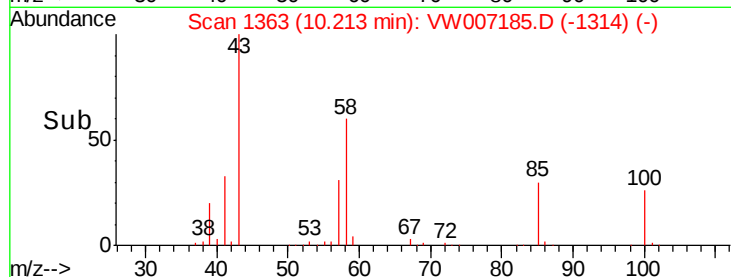
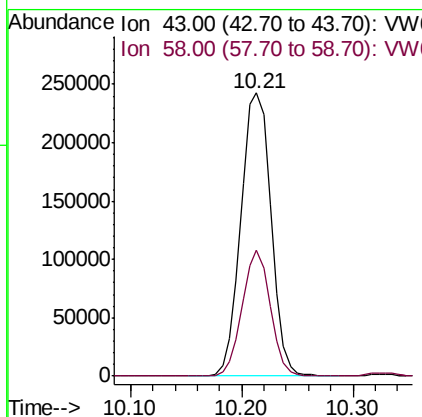
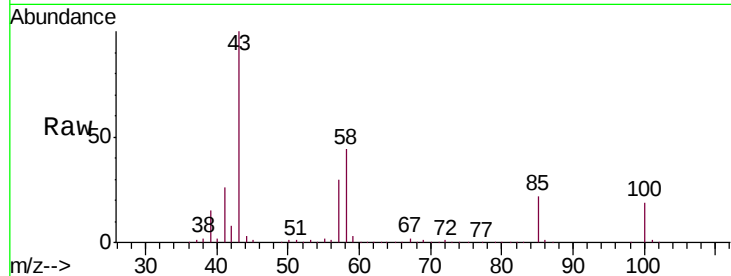




#51
 4-Methyl-2-Pentanone
 Concen: 773.151 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

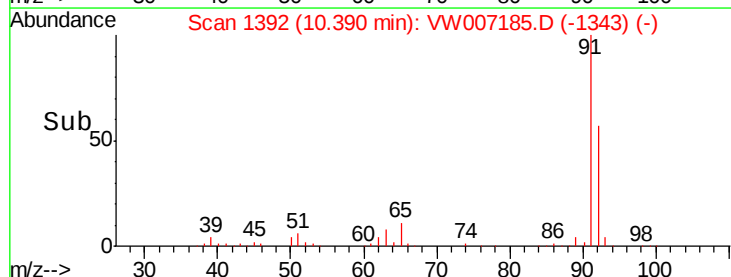
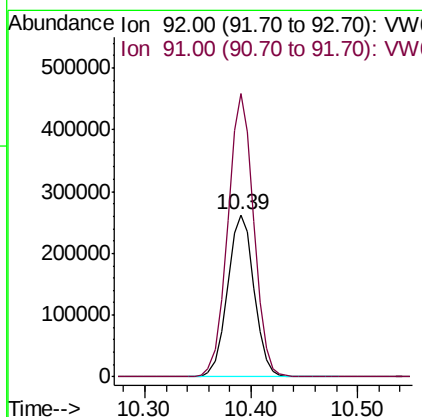
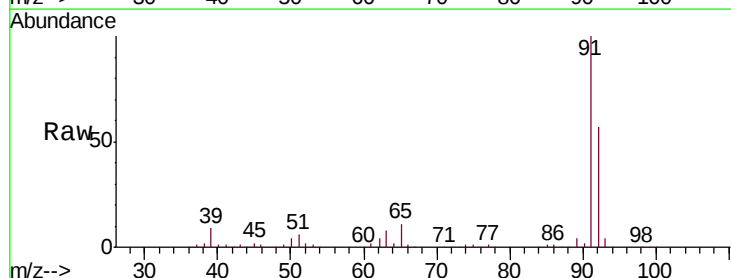
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

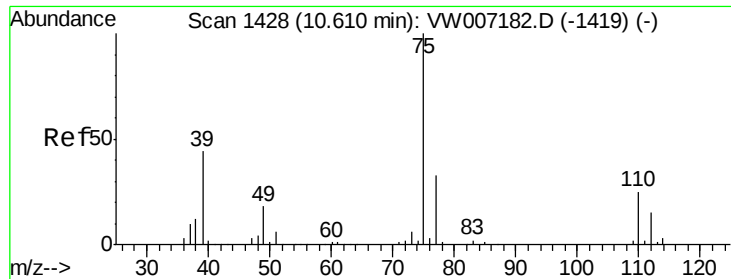
Tgt Ion: 43 Resp: 457500
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.3 48.5



#52
 Toluene
 Concen: 140.499 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 92 Resp: 458050
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.0 204.0

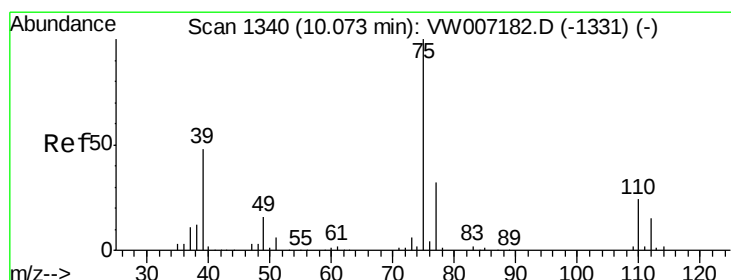
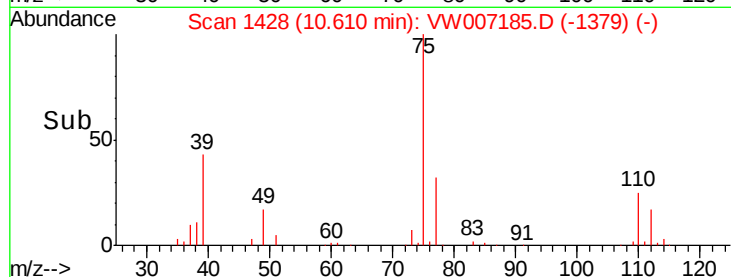
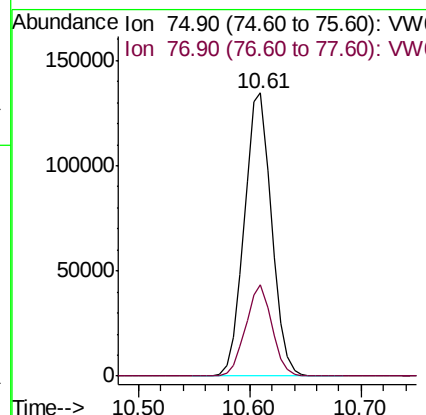
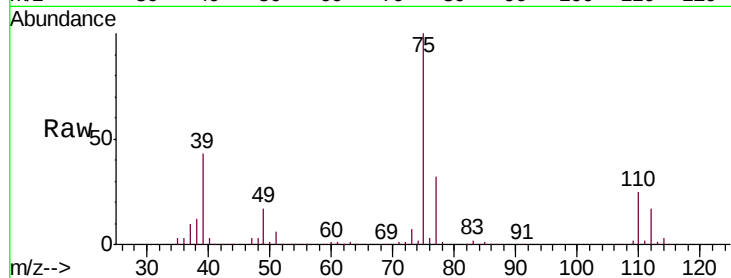




#53
 t-1,3-Dichloropropene
 Concen: 152.417 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

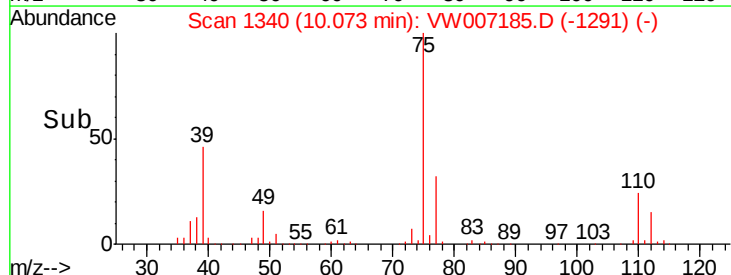
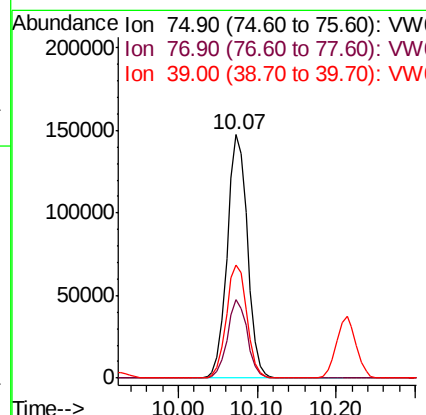
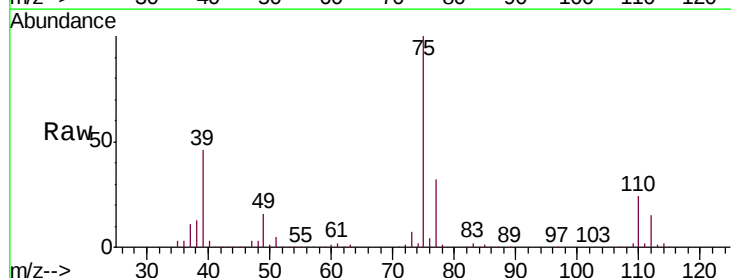
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

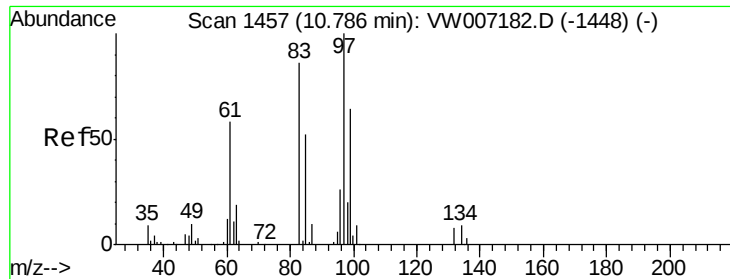
Tgt Ion: 75 Resp: 228438
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 149.376 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 75 Resp: 262370
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0
 39 46.3 38.0 57.0

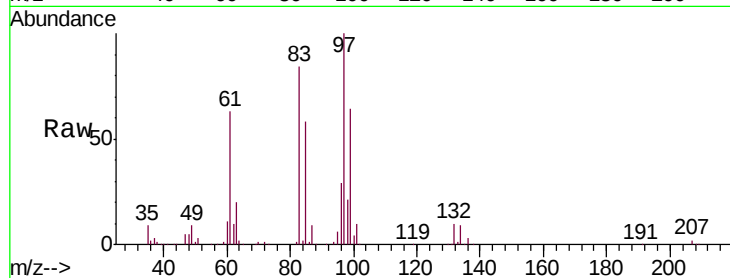




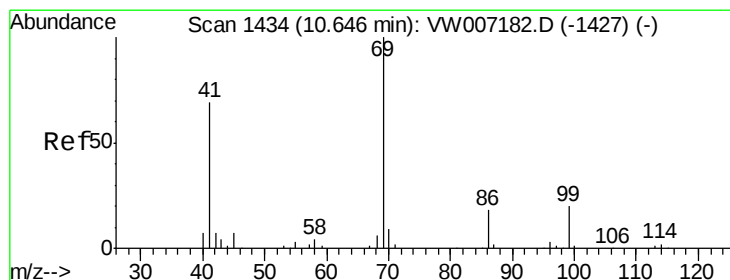
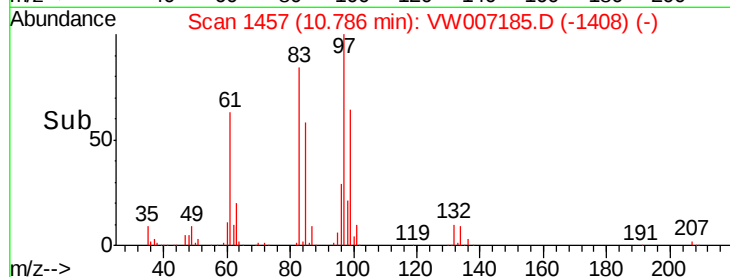
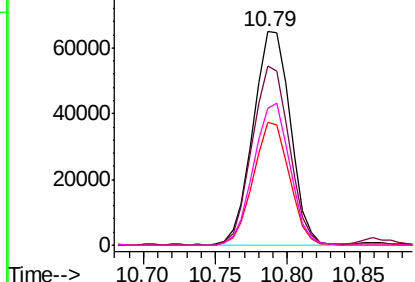
#55
 1,1,2-Trichloroethane
 Concen: 144.969 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	116863
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.6	102.8
85	57.6	41.4	62.2
99	64.4	51.2	76.8

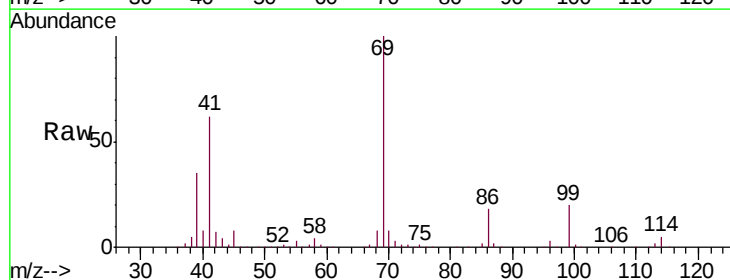


Abundance Ion 96.90 (96.60 to 97.60): VW
 100000 Ion 82.90 (82.60 to 83.60): VW
 80000 Ion 84.90 (84.60 to 85.60): VW
 60000 Ion 98.90 (98.60 to 99.60): VW
 40000
 20000
 0

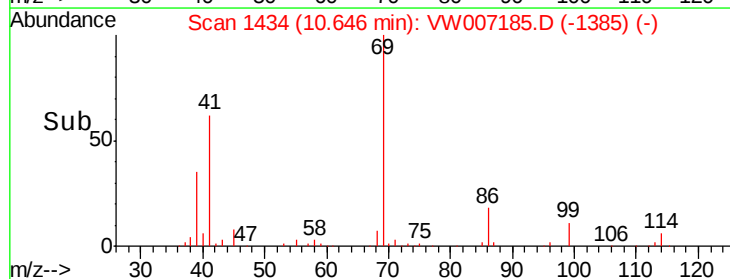
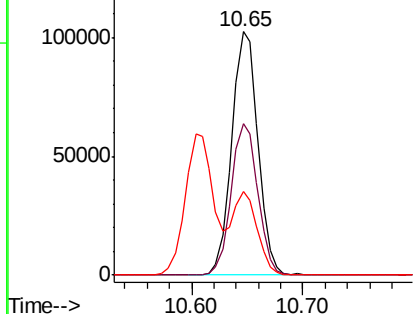


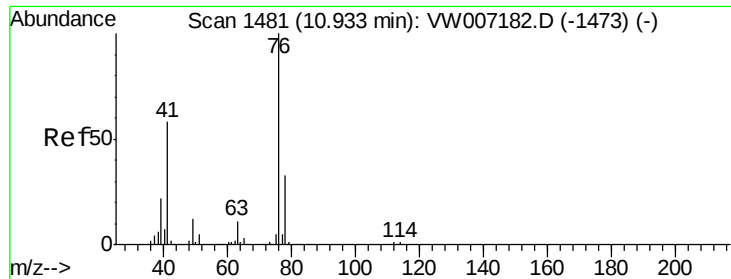
#56
 Ethyl methacrylate
 Concen: 158.857 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion:	69	Resp:	167044
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.8	77.6
39	33.4	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VW
 100000 Ion 41.00 (40.70 to 41.70): VW
 80000 Ion 39.00 (38.70 to 39.70): VW
 60000
 40000
 20000
 0

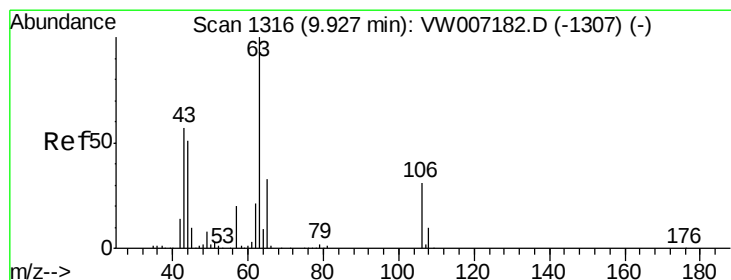
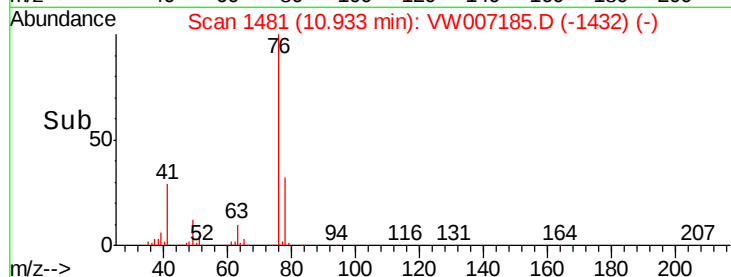
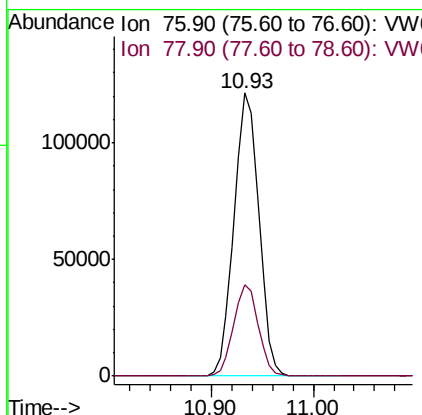
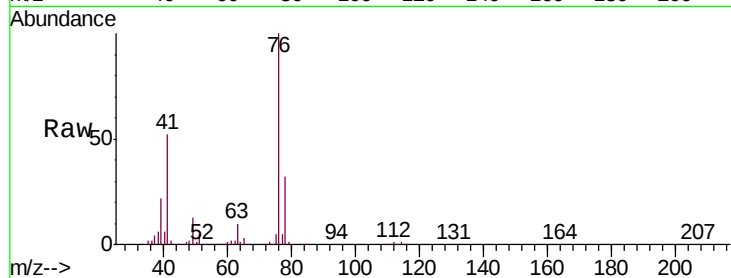




#57
 1,3-Dichloropropane
 Concen: 150.332 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

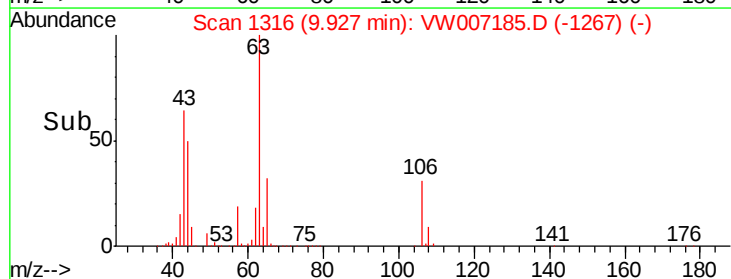
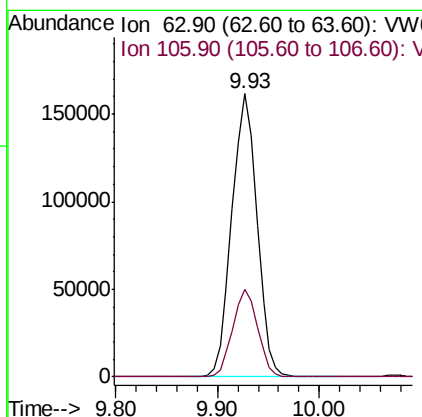
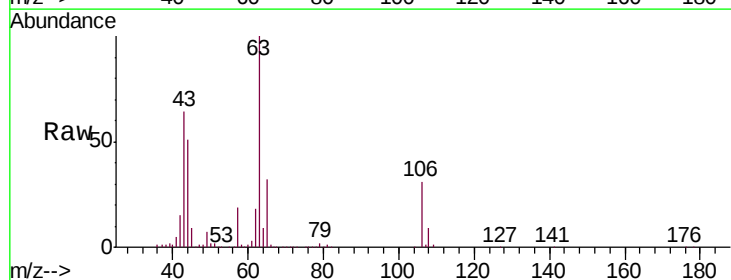
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

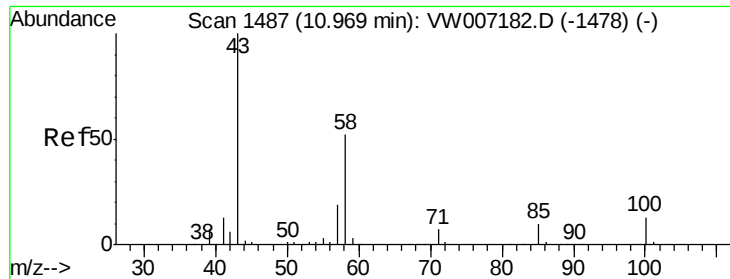
Tgt Ion: 76 Resp: 204598
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 653.924 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 63 Resp: 276194
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.1 36.1

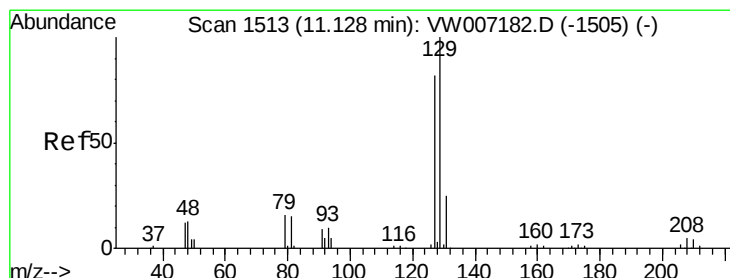
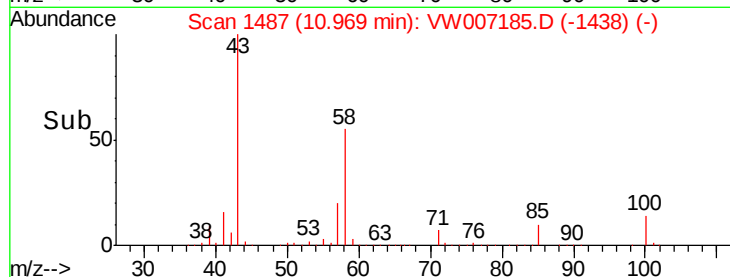
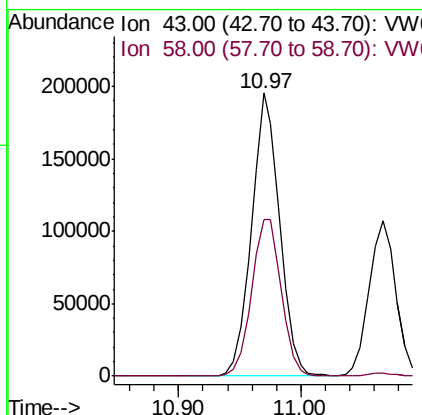
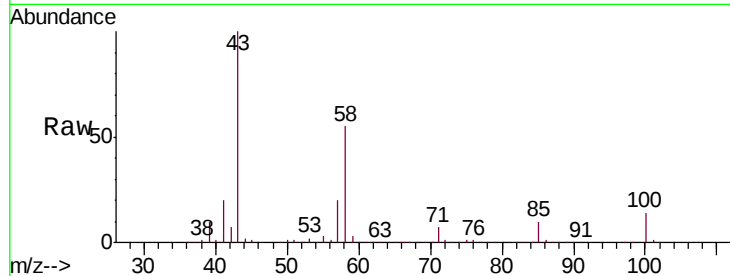




#59
2-Hexanone
Concen: 727.474 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

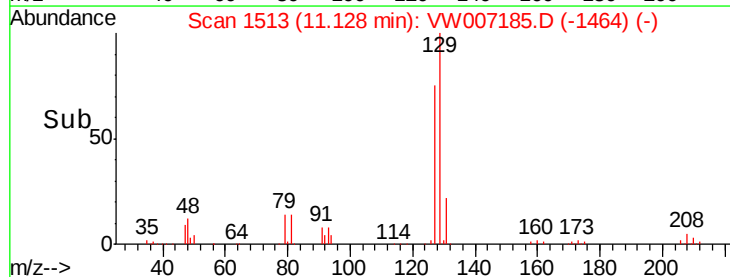
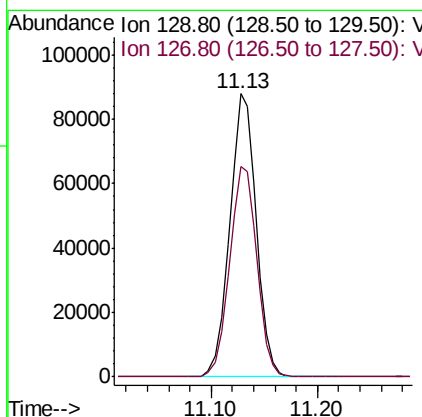
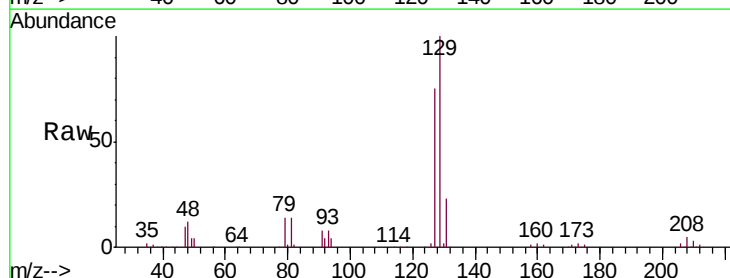
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

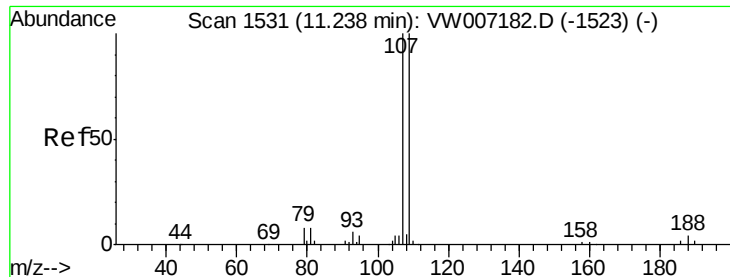
Tgt Ion: 43 Resp: 312056
Ion Ratio Lower Upper
43 100
58 58.5 28.1 84.4



#60
Dibromochloromethane
Concen: 154.191 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 129 Resp: 152767
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4

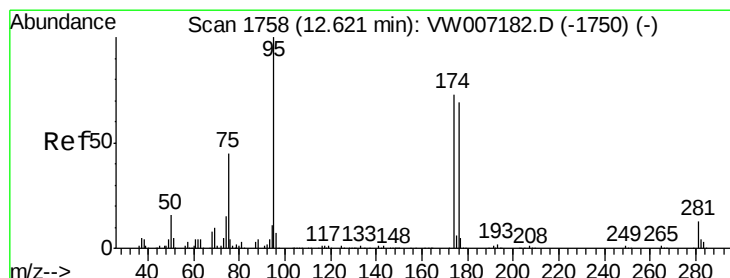
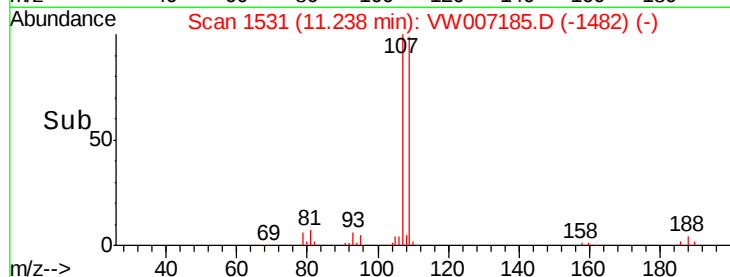
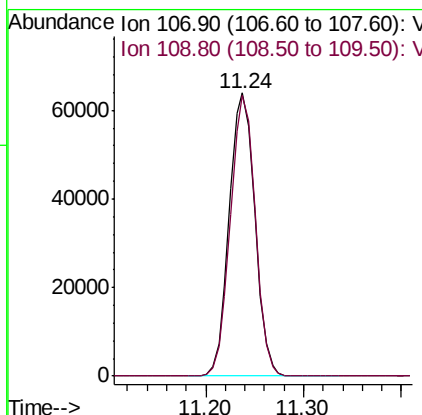
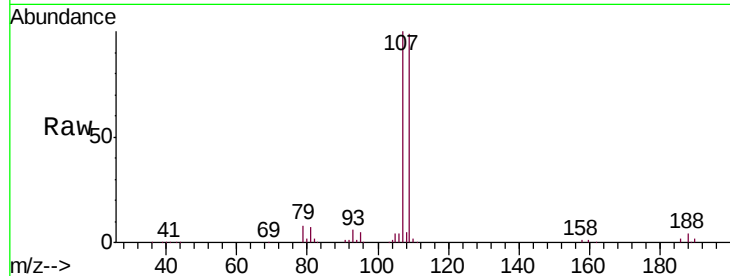




#61
 1,2-Dibromoethane
 Concen: 150.630 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

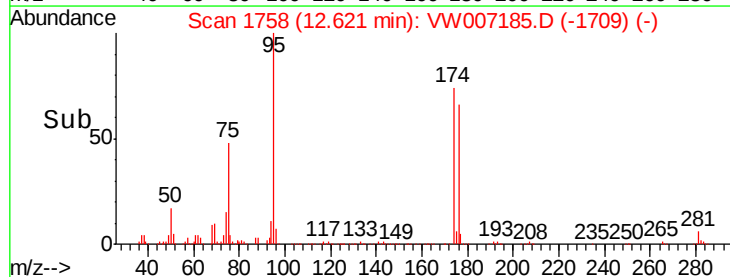
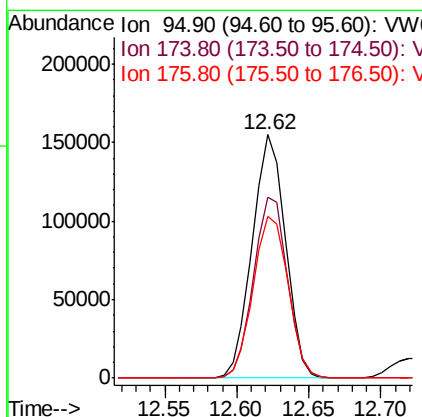
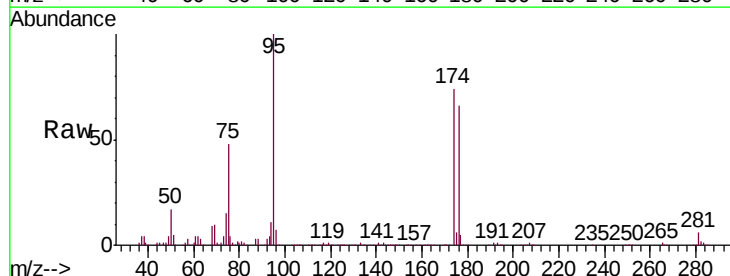
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

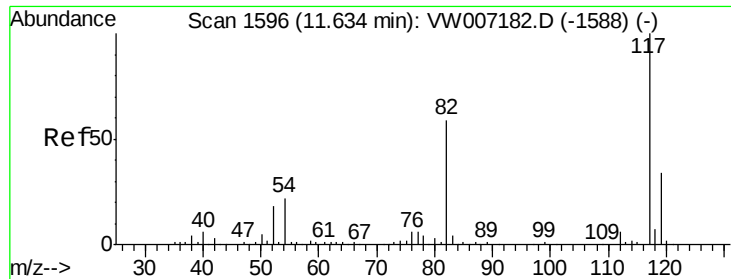
Tgt Ion: 107 Resp: 116465
 Ion Ratio Lower Upper
 107 100
 109 96.4 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 147.761 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 95 Resp: 247097
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 148.0
 176 70.1 0.0 139.4

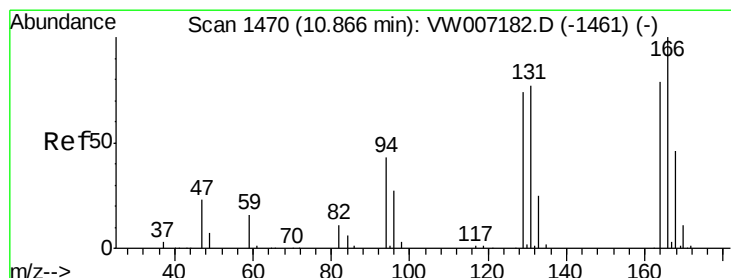
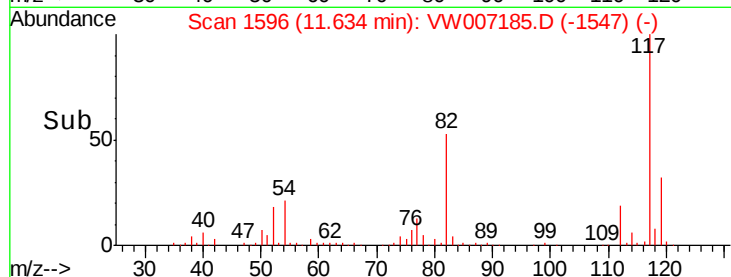
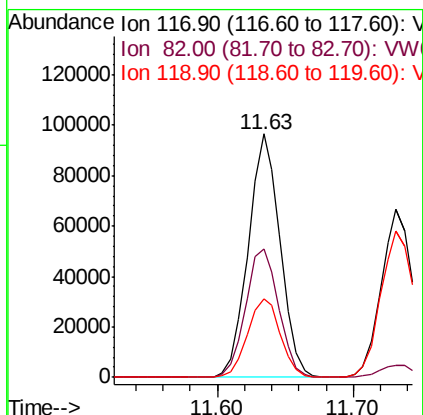
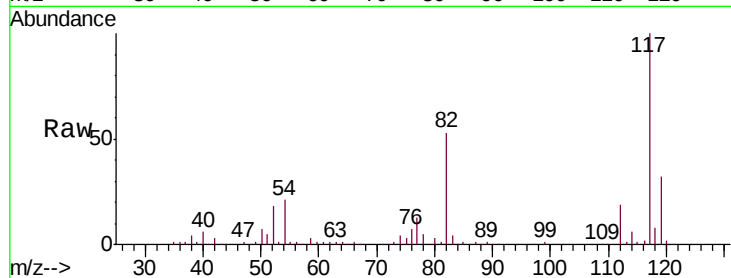




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

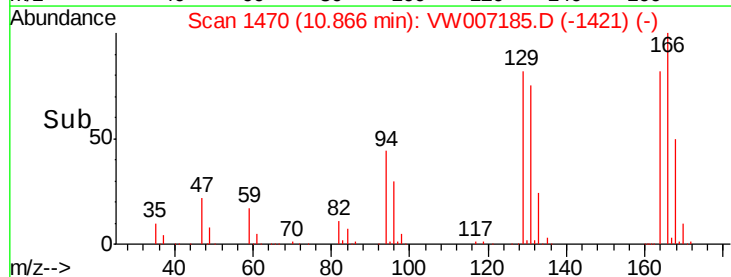
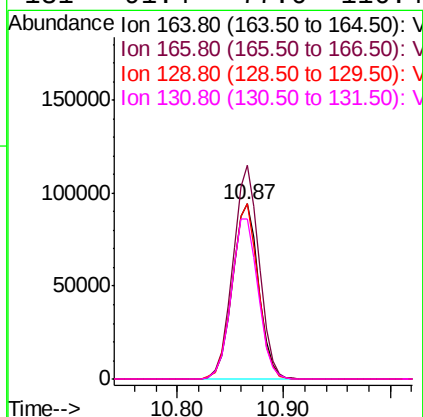
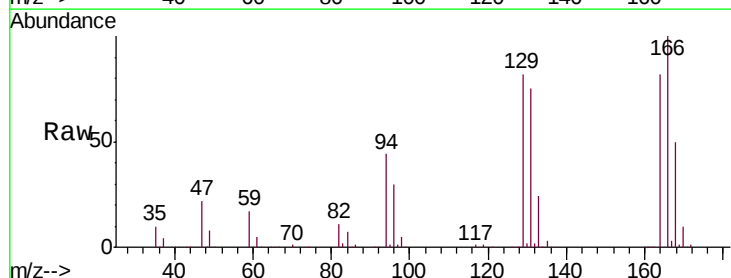
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

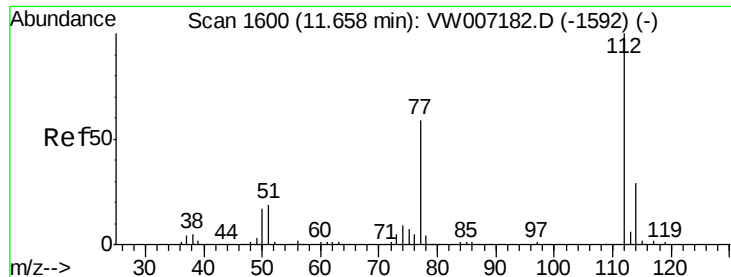
Tgt Ion:117 Resp: 158316
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 32.3 26.8 40.2



#64
Tetrachloroethene
Concen: 140.353 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:164 Resp: 162343
Ion Ratio Lower Upper
164 100
166 122.0 101.0 151.4
129 100.2 74.6 111.8
131 91.4 77.6 116.4

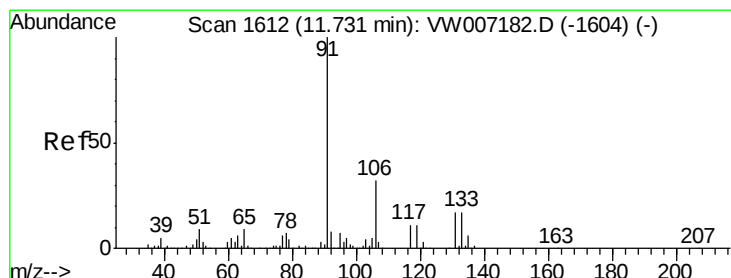
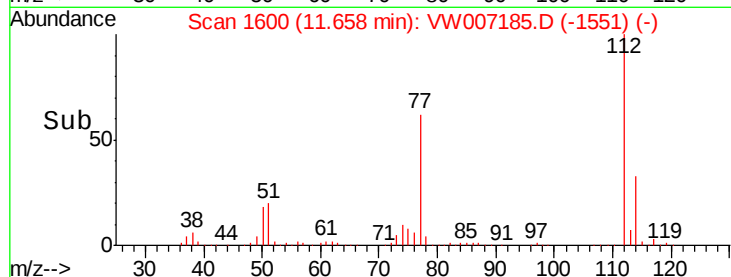
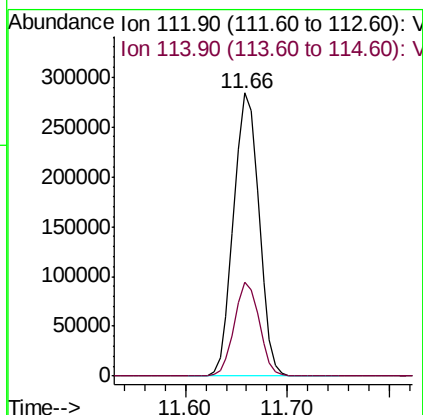
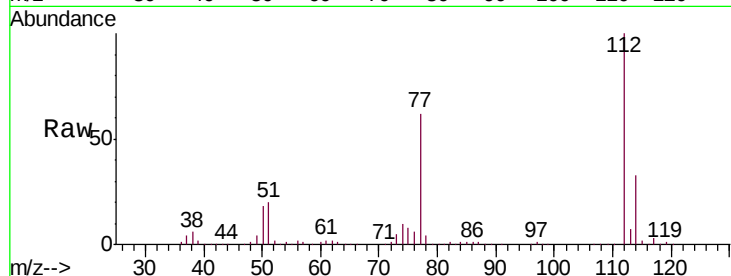




#65
Chlorobenzene
Concen: 138.554 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

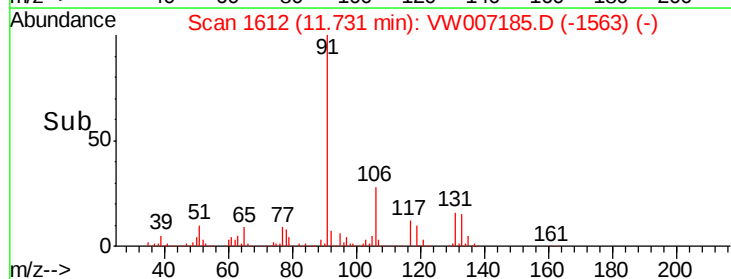
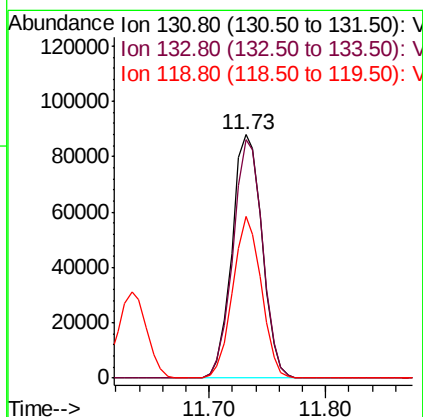
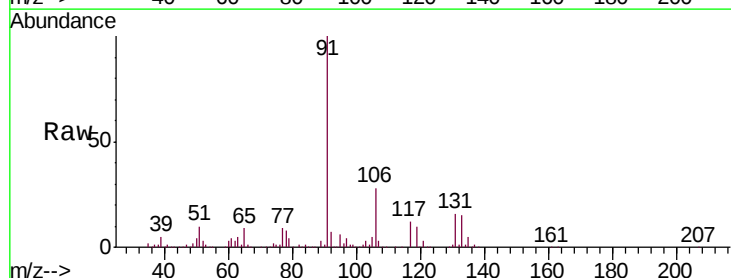
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

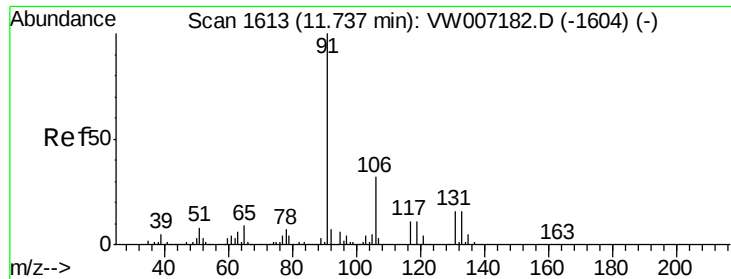
Tgt Ion:112 Resp: 489895
Ion Ratio Lower Upper
112 100
114 33.1 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 144.797 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:131 Resp: 158115
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 63.3 32.8 98.4

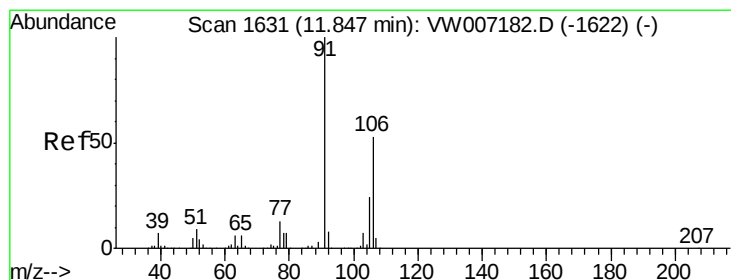
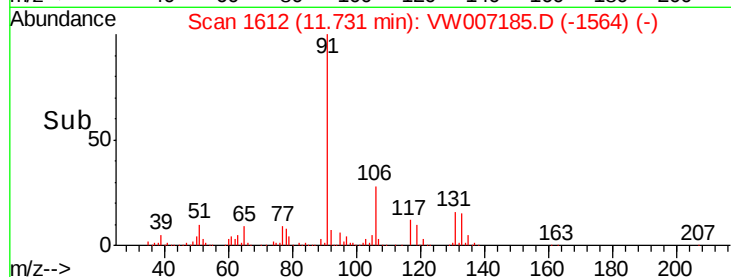
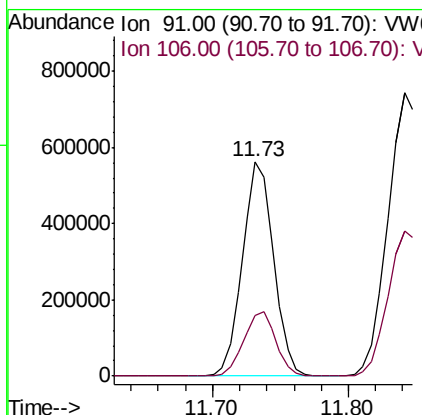
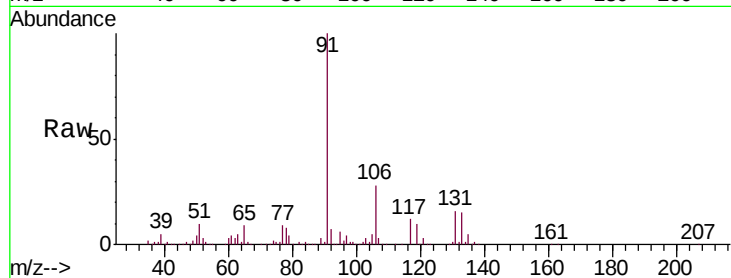




#67
Ethyl Benzene
Concen: 139.978 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

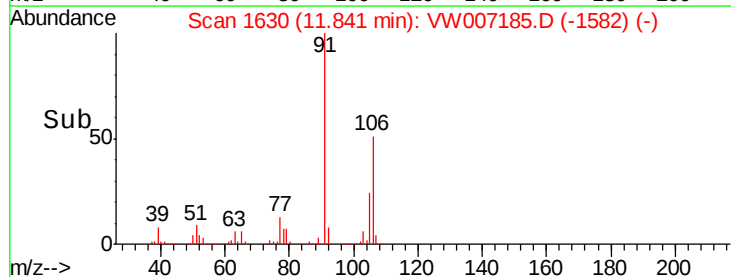
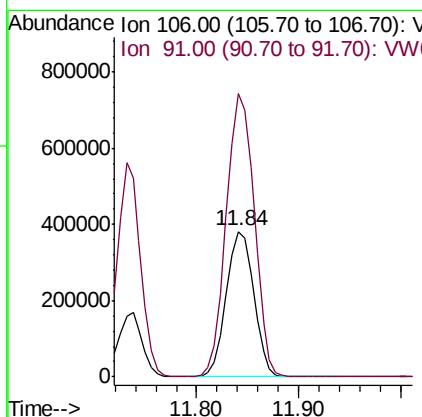
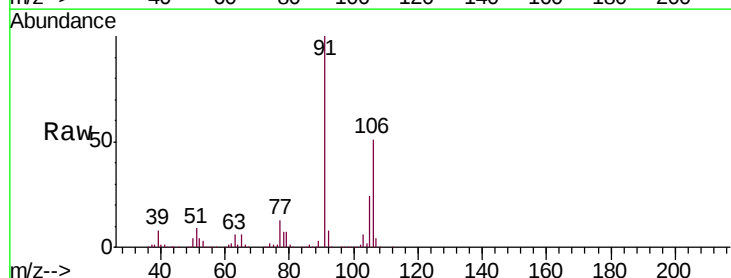
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

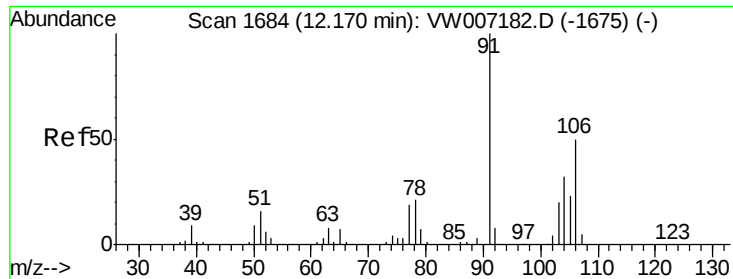
Tgt Ion: 91 Resp: 902060
Ion Ratio Lower Upper
91 100
106 28.2 26.0 39.0



#68
m/p-Xylenes
Concen: 282.723 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 106 Resp: 714761
Ion Ratio Lower Upper
106 100
91 198.2 160.2 240.4

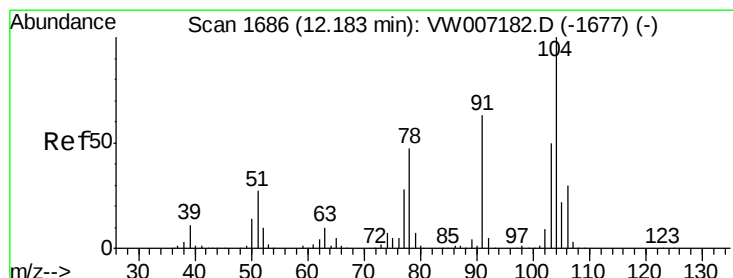
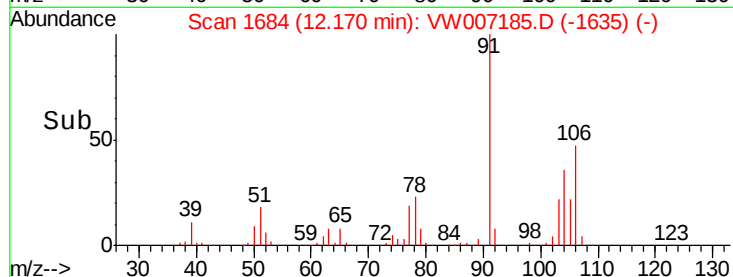
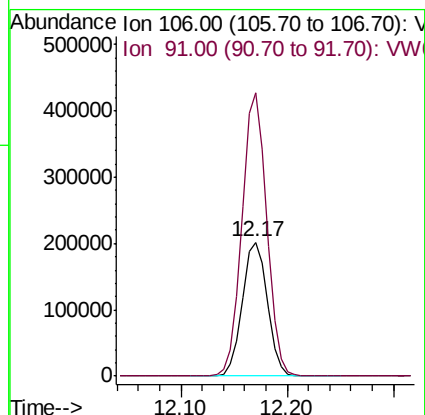
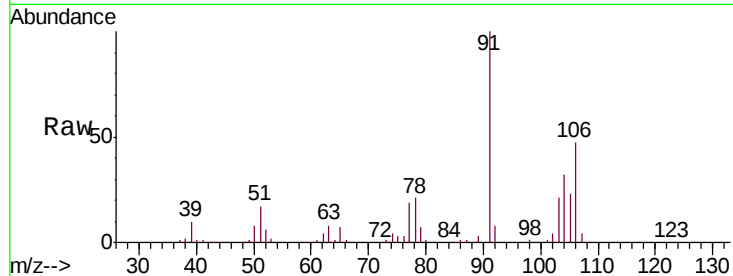




#69
o-Xylene
Concen: 142.554 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

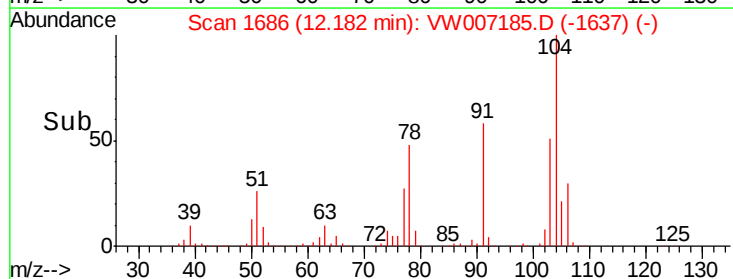
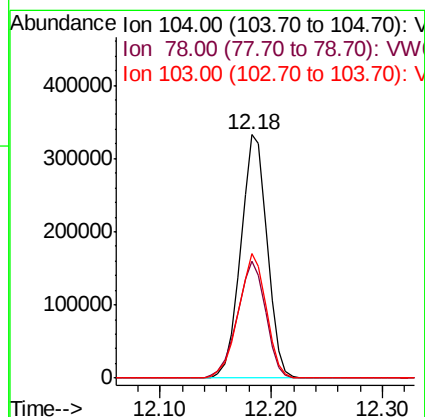
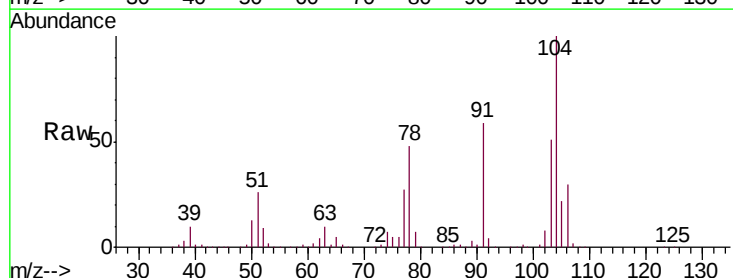
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

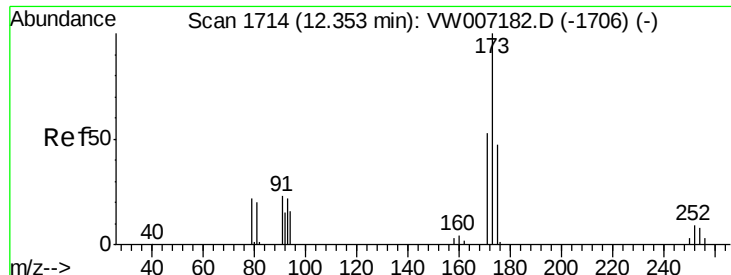
Tgt Ion:106 Resp: 336716
Ion Ratio Lower Upper
106 100
91 207.4 104.9 314.7



#70
Styrene
Concen: 140.864 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:104 Resp: 544656
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.1 43.0 64.4





#71

Bromoform

Concen: 157.059 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

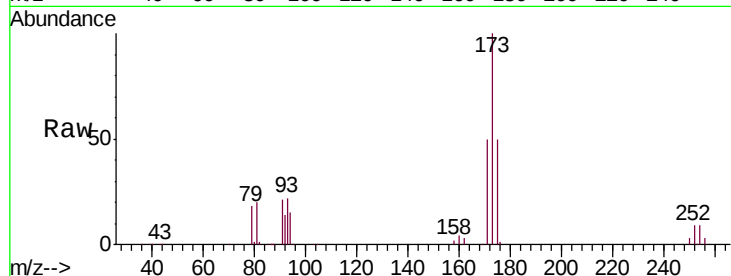
Tgt Ion:173 Resp: 85854

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

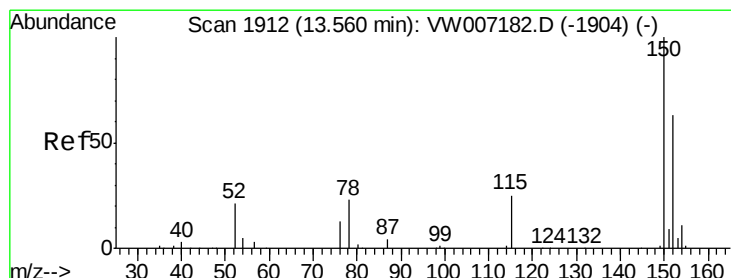
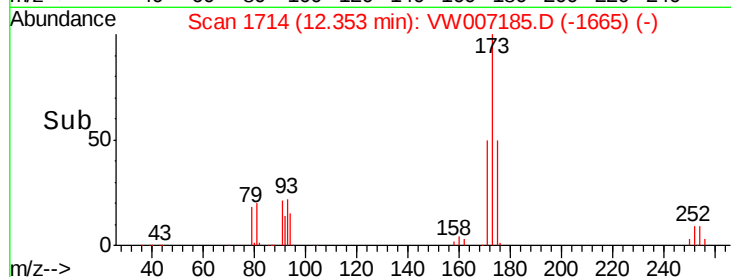
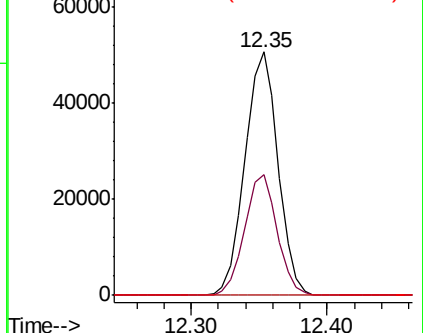
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

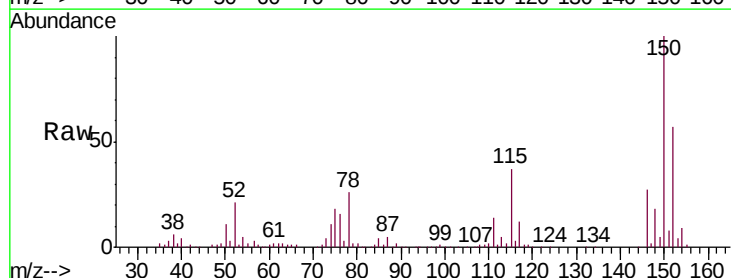
Tgt Ion:152 Resp: 77998

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

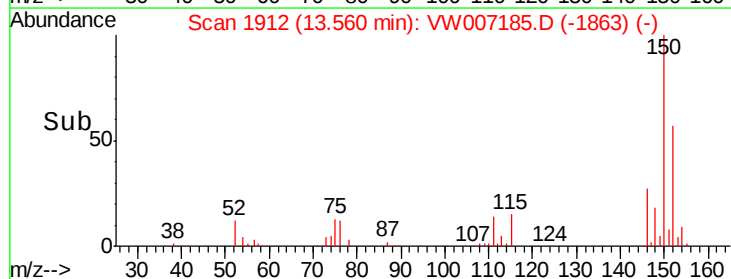
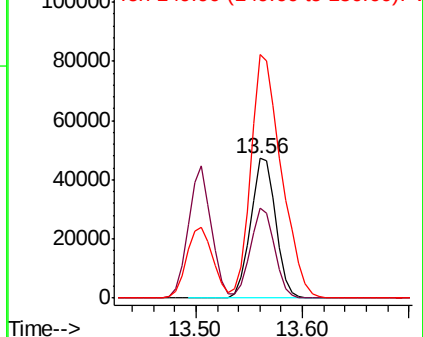
150 212.0 0.0 358.0

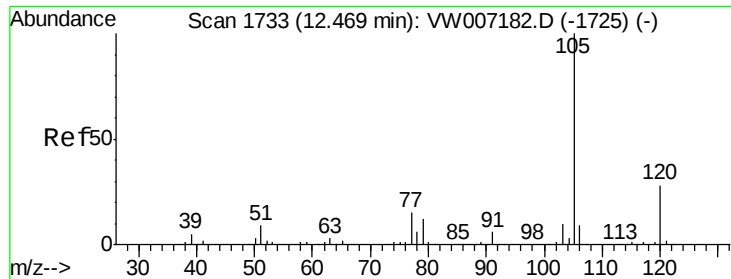


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 146.012 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

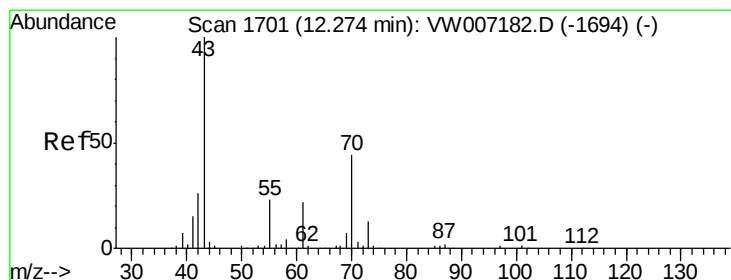
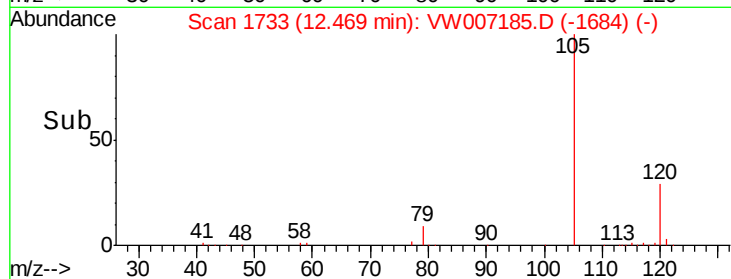
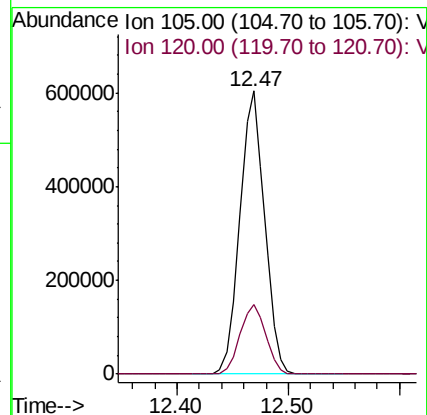
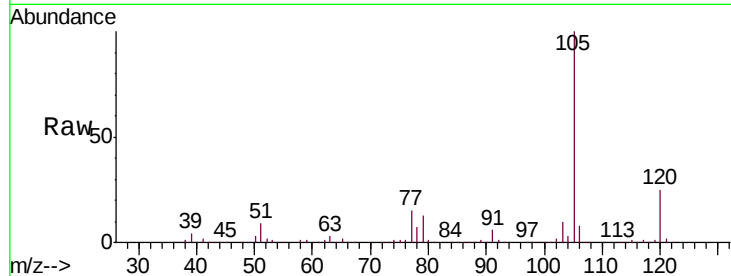
VSTDIC150

Tgt Ion: 105 Resp: 926277

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#74

N-ethyl acetate

Concen: 158.110 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion: 43 Resp: 177834

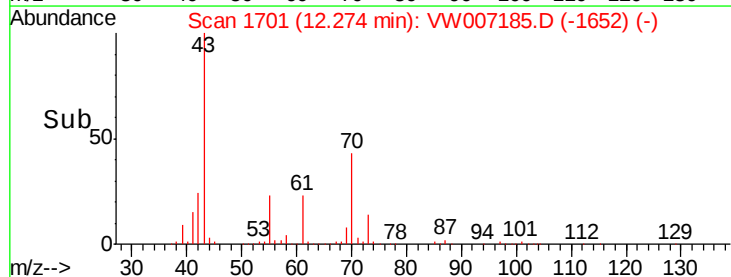
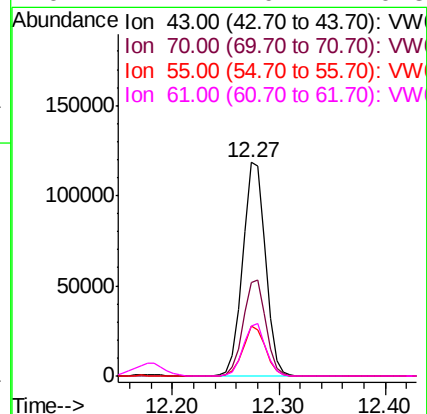
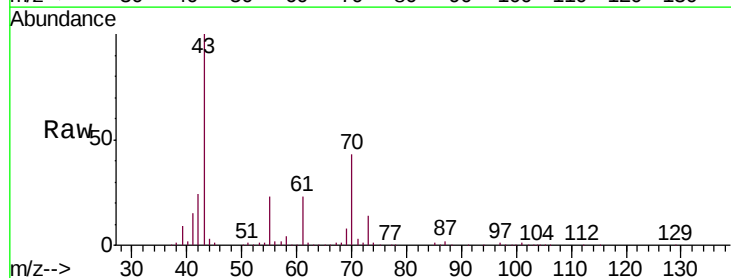
Ion Ratio Lower Upper

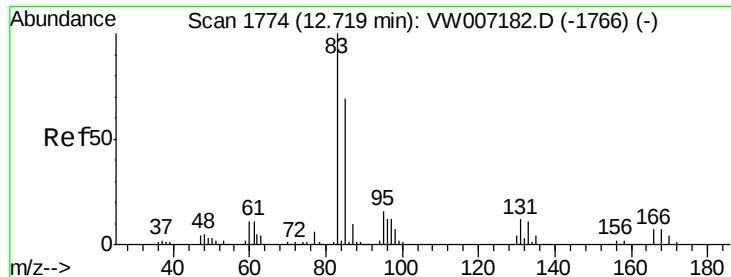
43 100

70 44.7 34.0 51.0

55 23.1 19.0 28.6

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 150.842 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

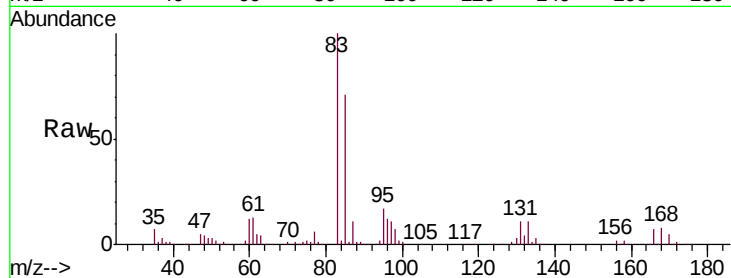
Tgt Ion: 83 Resp: 124277

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.1

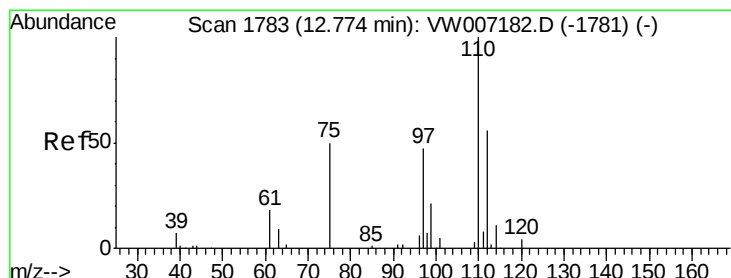
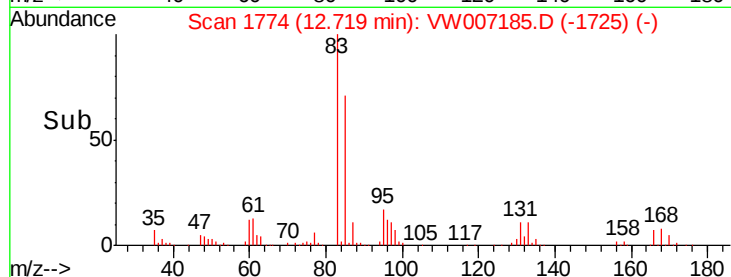
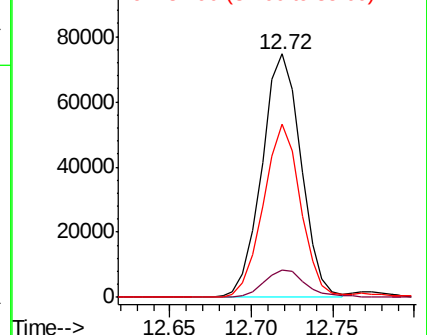
85 67.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 174.784 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007185.D

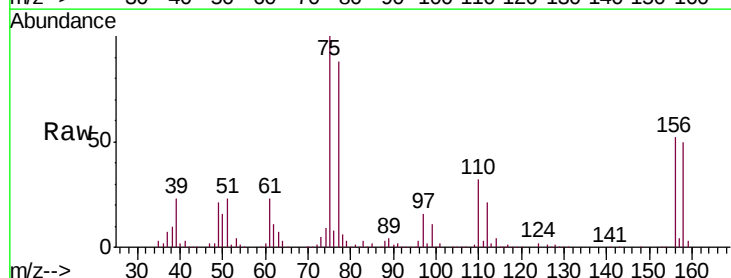
Acq: 04 Dec 2018 13:45

Tgt Ion: 75 Resp: 183232

Ion Ratio Lower Upper

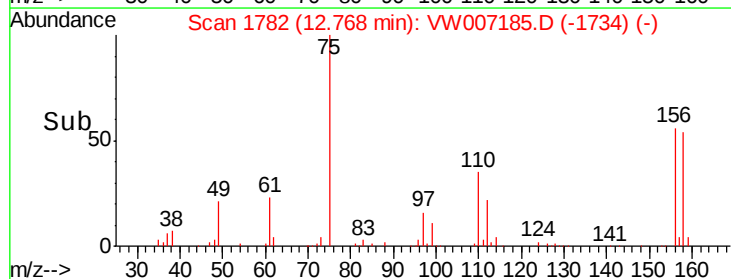
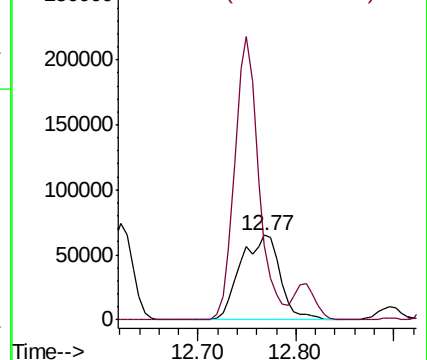
75 100

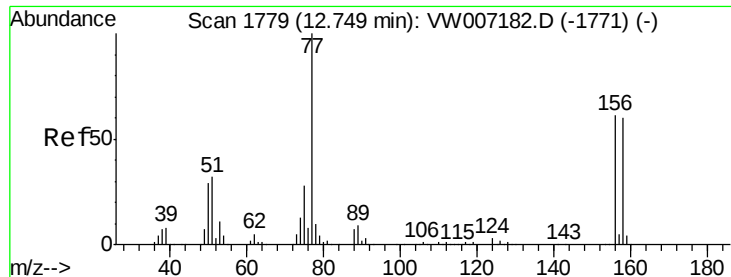
77 205.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 146.142 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

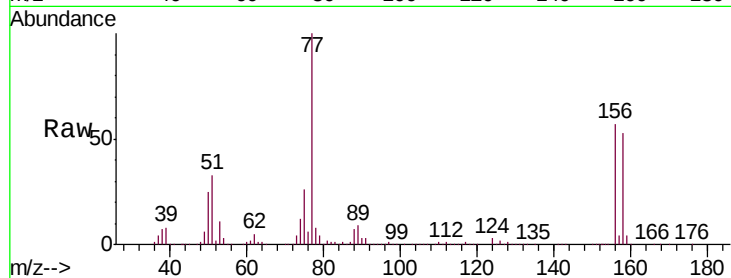
Tgt Ion: 156 Resp: 200118

Ion Ratio Lower Upper

156 100

77 187.9 92.0 276.1

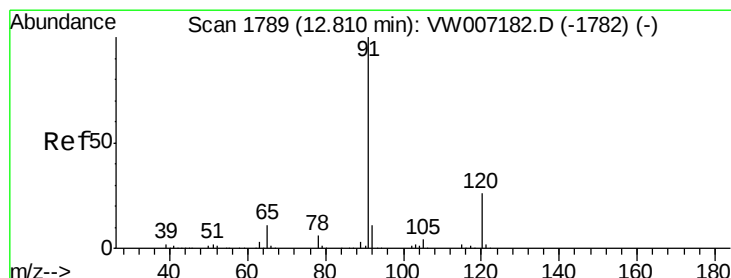
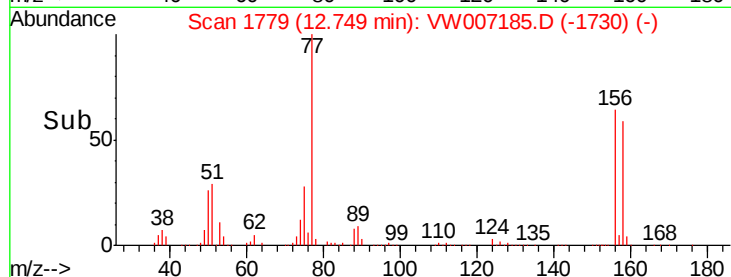
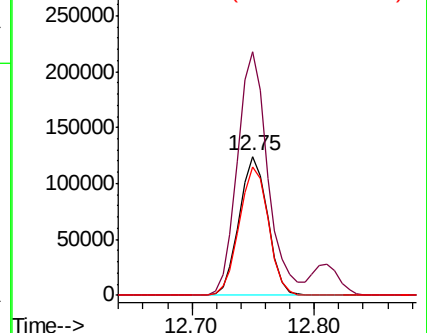
158 94.6 49.0 147.0



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: 145.753 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007185.D

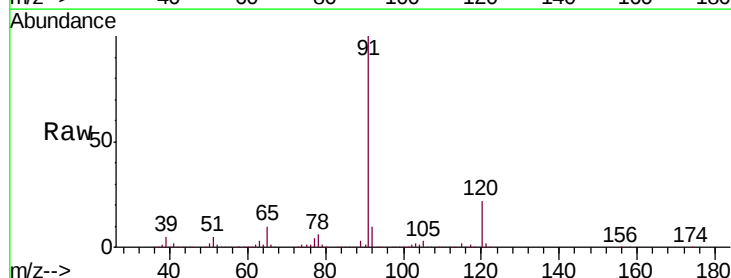
Acq: 04 Dec 2018 13:45

Tgt Ion: 91 Resp: 1101585

Ion Ratio Lower Upper

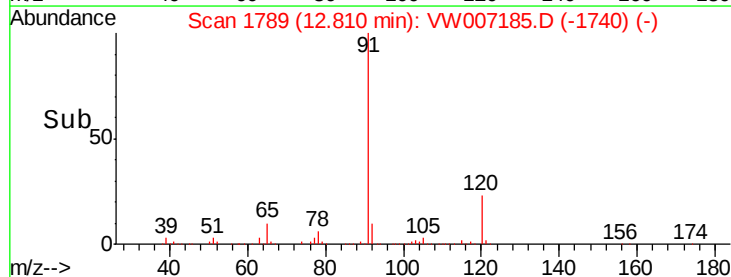
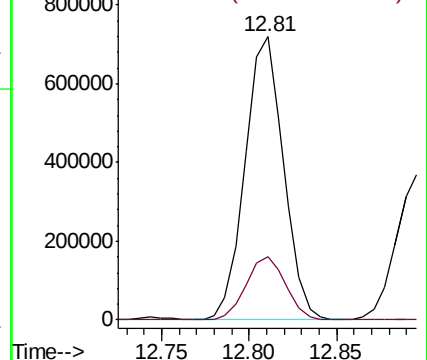
91 100

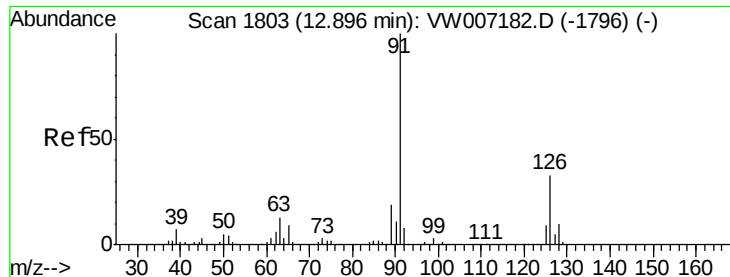
120 23.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.391 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

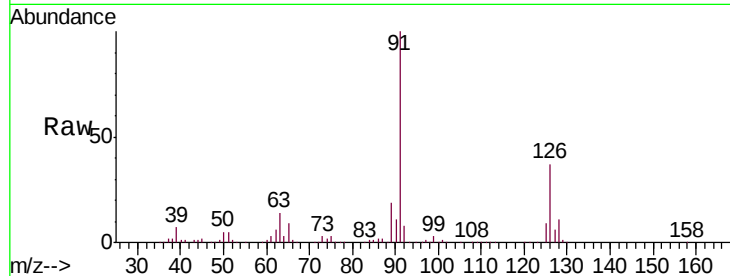
VSTDIC150

Tgt Ion: 91 Resp: 603452

Ion Ratio Lower Upper

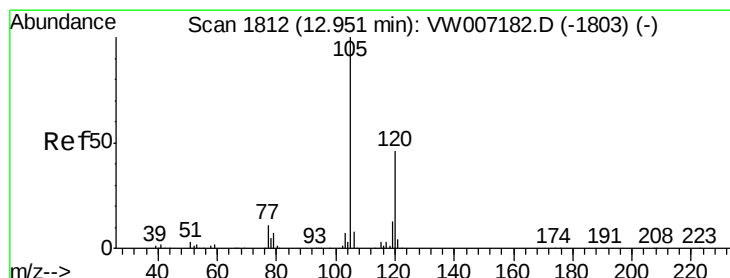
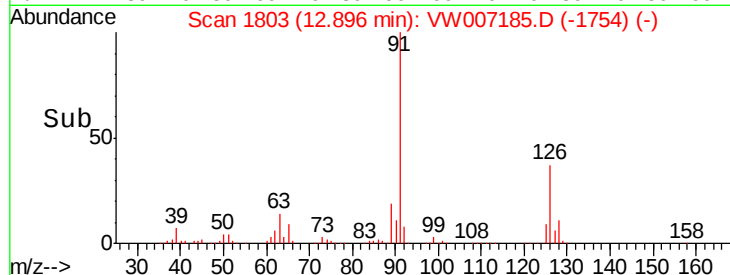
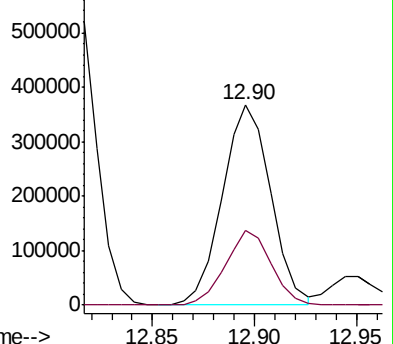
91 100

126 35.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 141.770 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007185.D

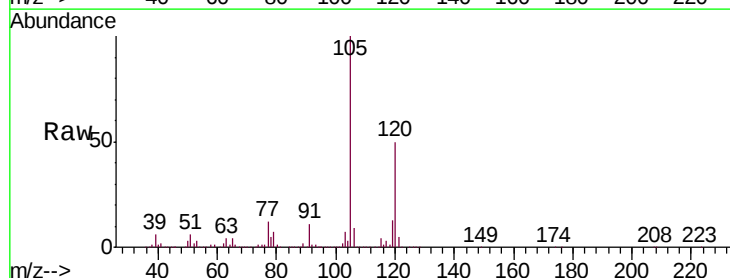
Acq: 04 Dec 2018 13:45

Tgt Ion: 105 Resp: 769392

Ion Ratio Lower Upper

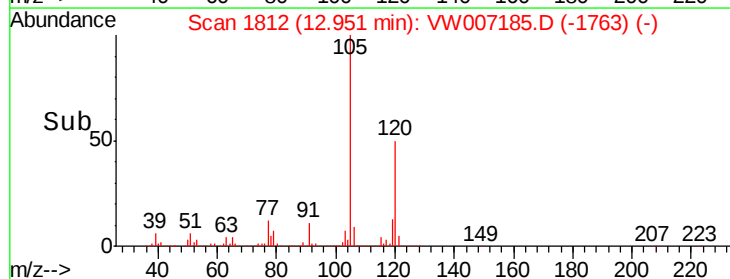
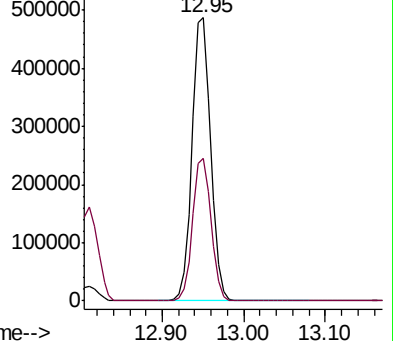
105 100

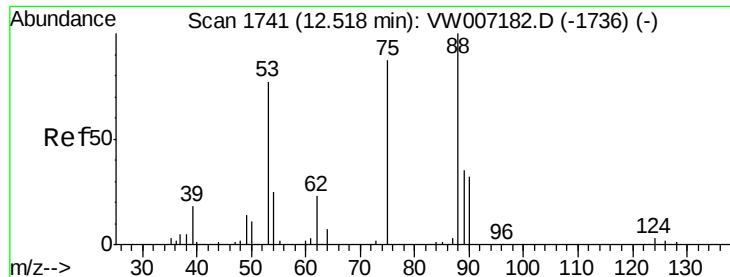
120 50.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 162.658 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

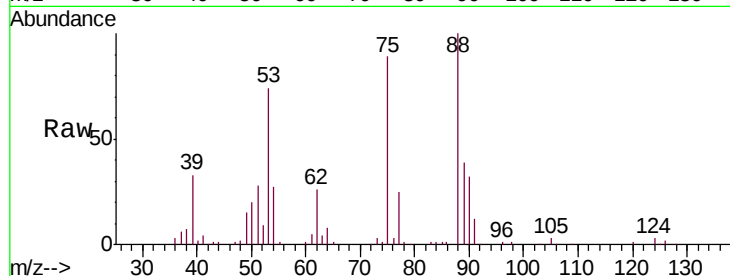
Tgt Ion: 75 Resp: 45578

Ion Ratio Lower Upper

75 100

53 91.0 72.8 109.2

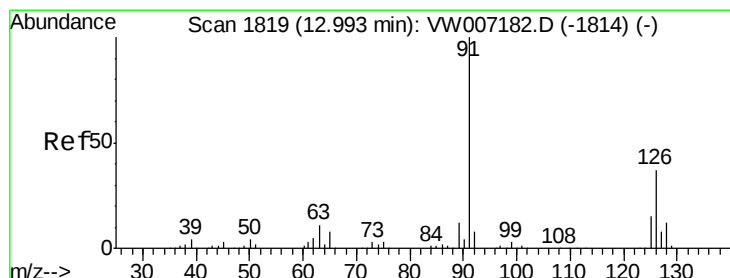
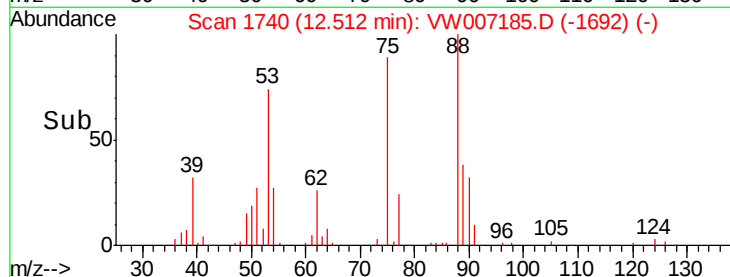
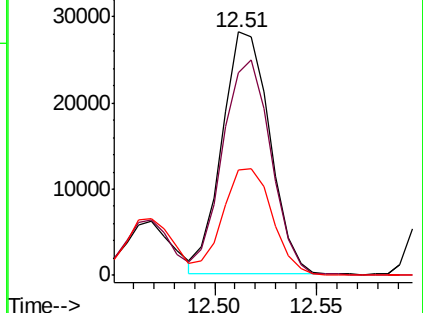
89 46.1 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 148.658 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007185.D

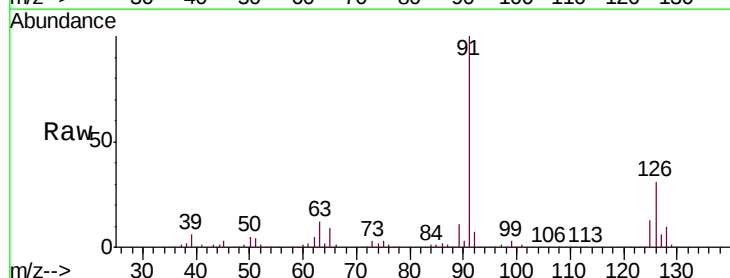
Acq: 04 Dec 2018 13:45

Tgt Ion: 91 Resp: 674970

Ion Ratio Lower Upper

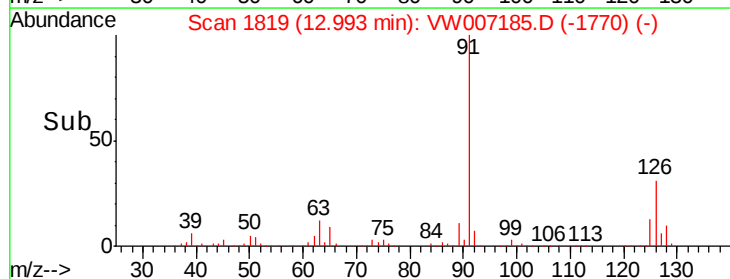
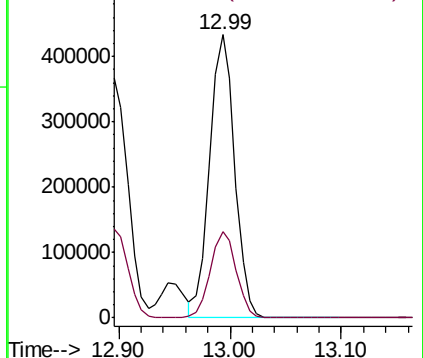
91 100

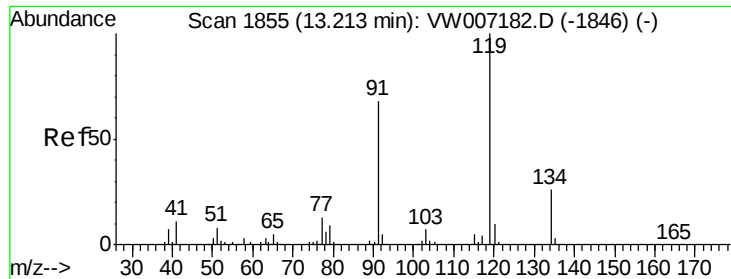
126 31.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 147.020 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

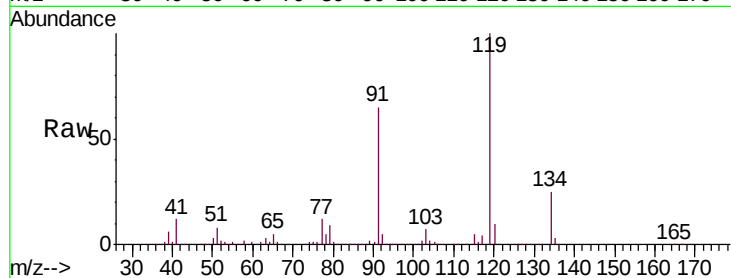
Tgt Ion:119 Resp: 697262

Ion Ratio Lower Upper

119 100

91 63.4 34.0 101.8

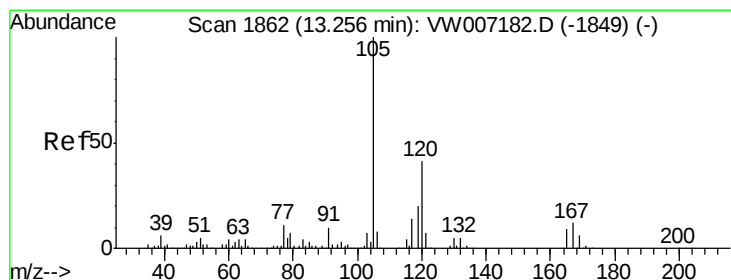
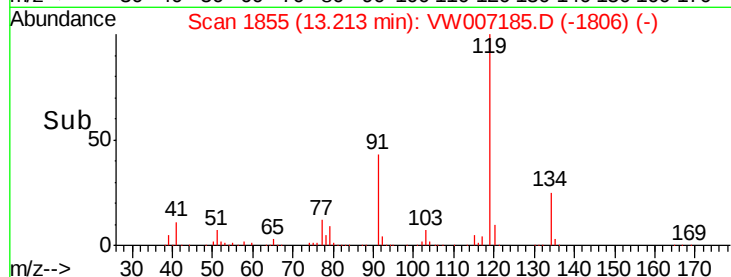
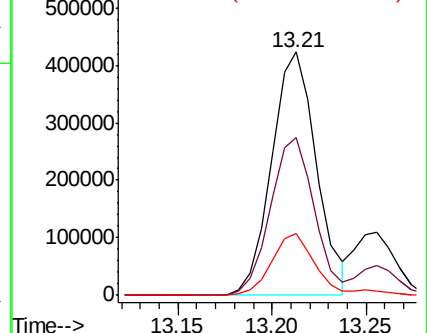
134 25.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 139.137 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007185.D

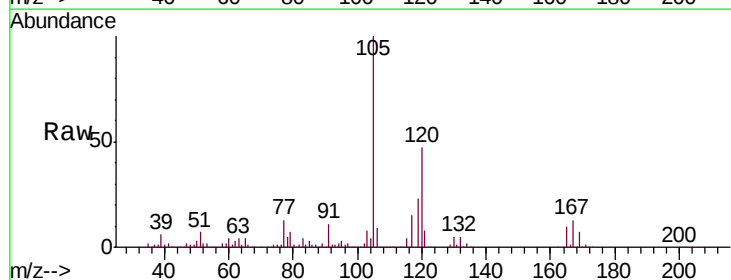
Acq: 04 Dec 2018 13:45

Tgt Ion:105 Resp: 770790

Ion Ratio Lower Upper

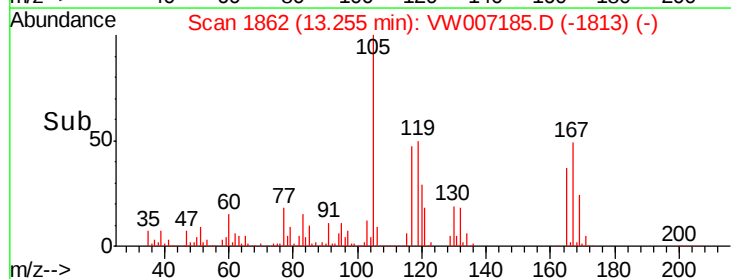
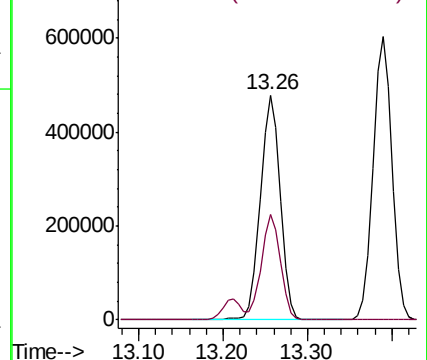
105 100

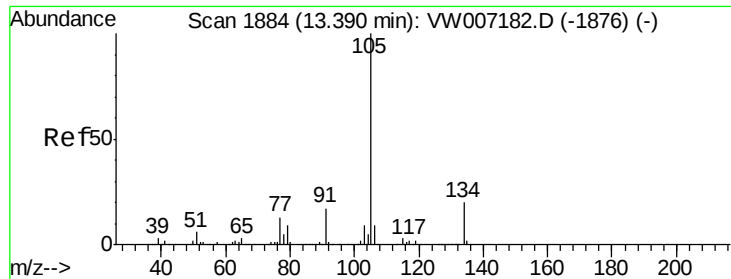
120 44.5 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 138.846 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

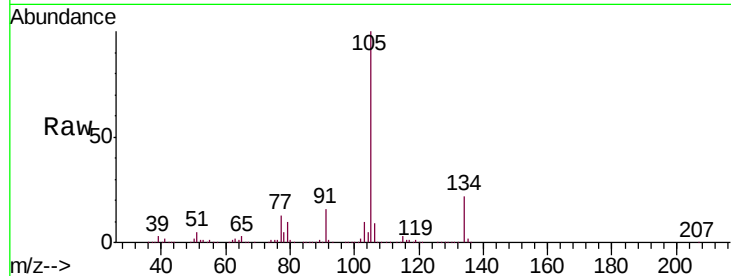
VSTDIC150

Tgt Ion:105 Resp: 940077

Ion Ratio Lower Upper

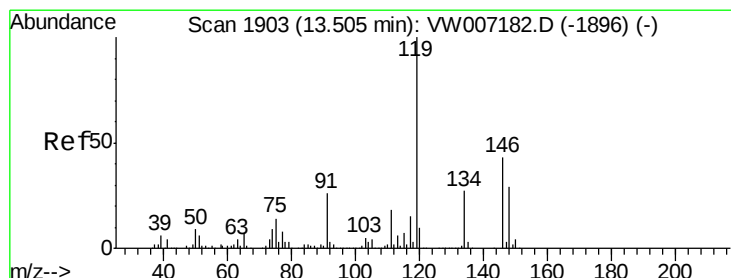
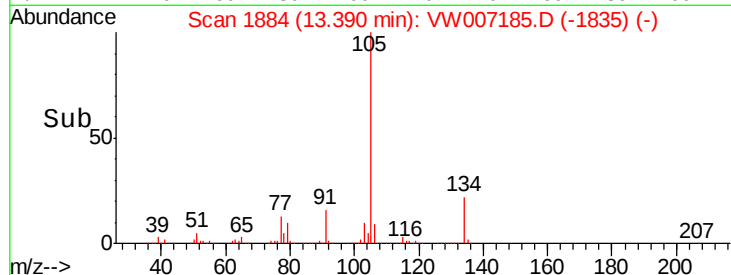
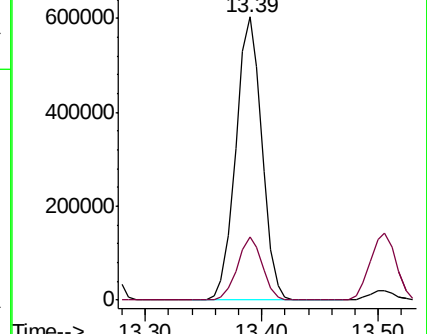
105 100

134 21.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 138.606 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

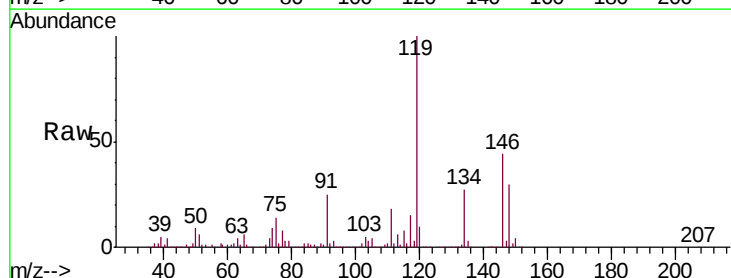
Tgt Ion:119 Resp: 835409

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

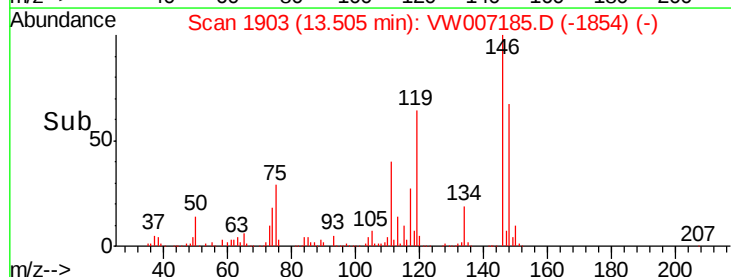
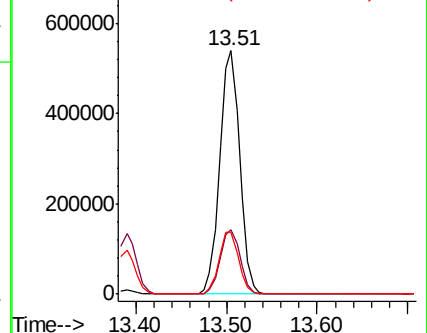
91 25.2 12.4 37.2

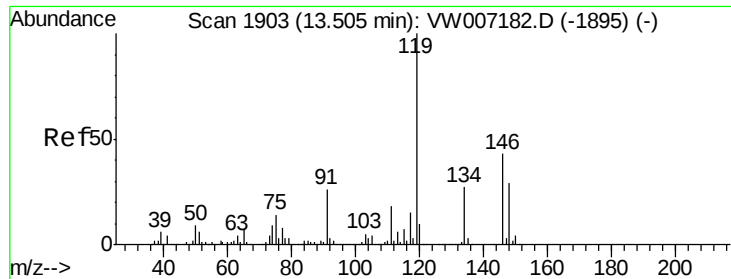


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

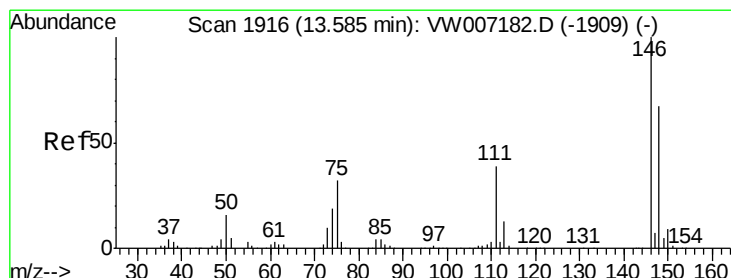
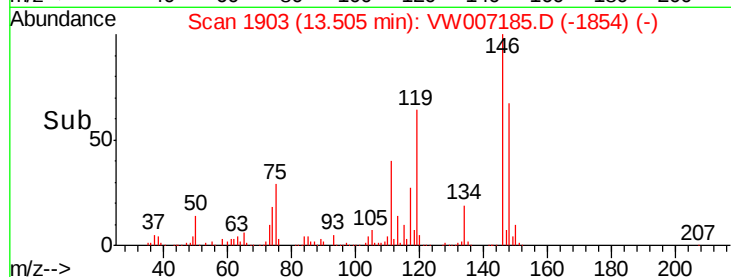
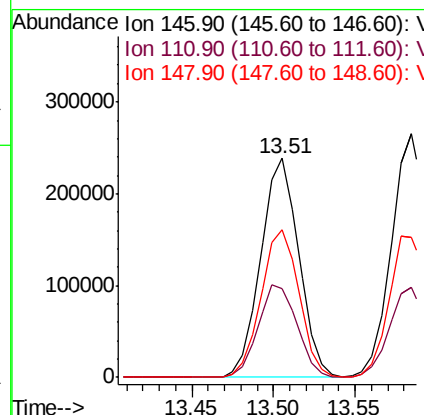
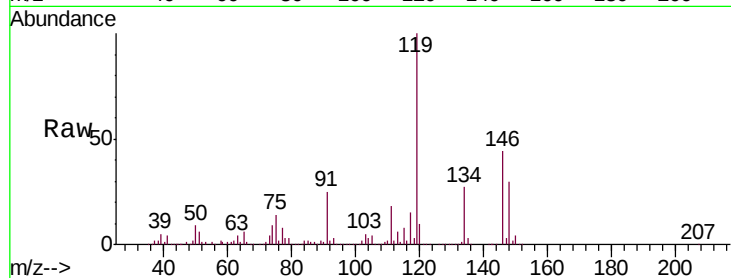




#87
 1,3-Dichlorobenzene
 Concen: 138.280 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

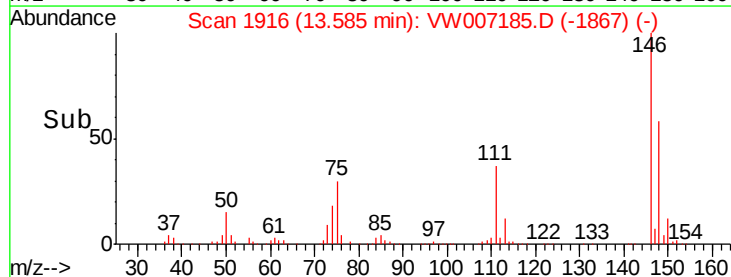
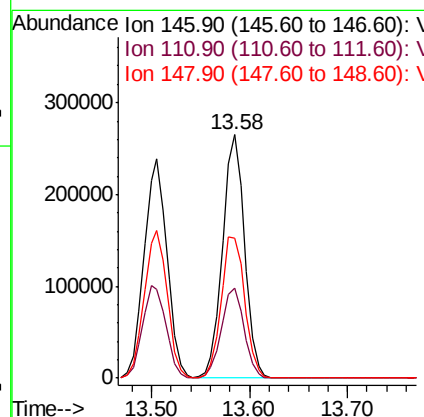
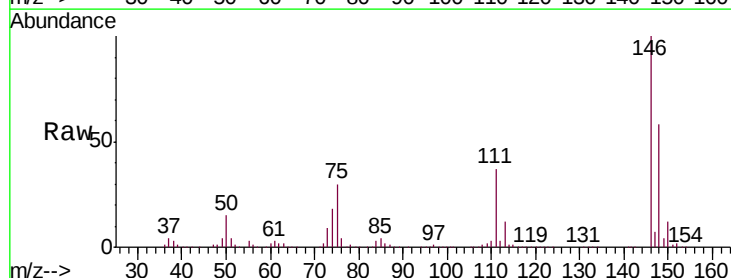
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

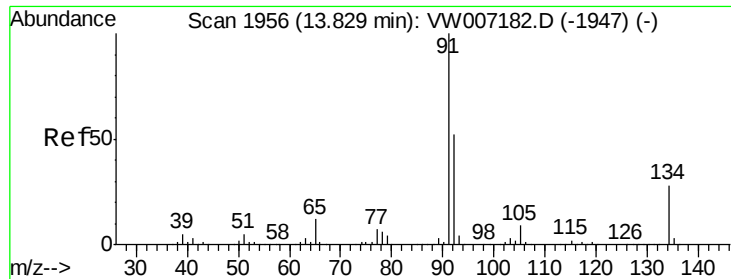
Tgt Ion:146 Resp: 388712
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 67.1 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 145.875 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion:146 Resp: 414210
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.8
 148 62.4 32.6 98.0





#89

n-Butylbenzene

Concen: 143.511 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

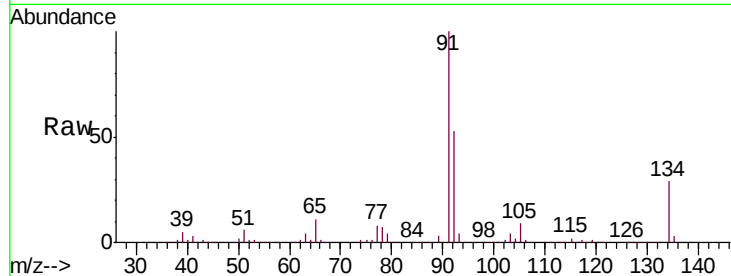
Tgt Ion: 91 Resp: 808287

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

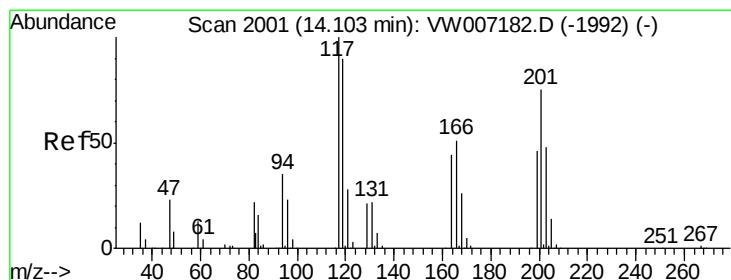
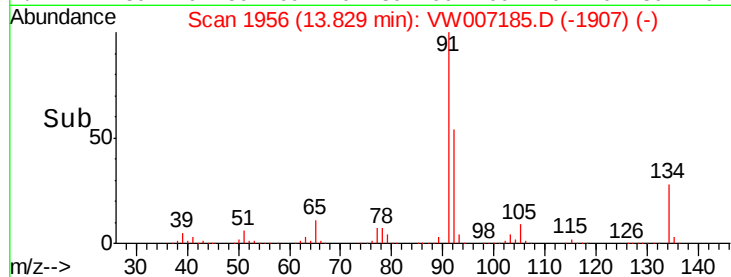
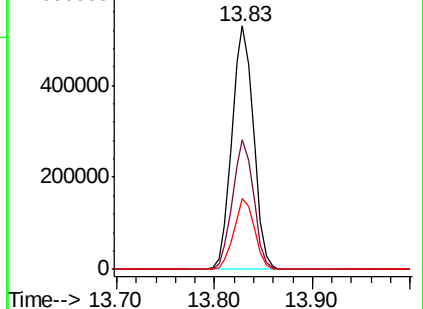
134 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 150.589 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007185.D

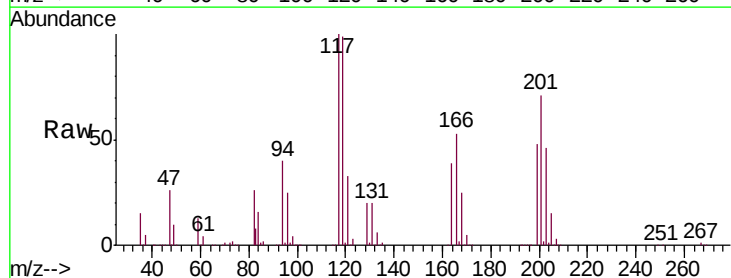
Acq: 04 Dec 2018 13:45

Tgt Ion: 117 Resp: 138312

Ion Ratio Lower Upper

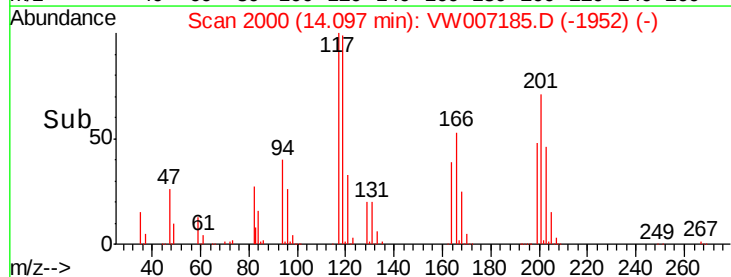
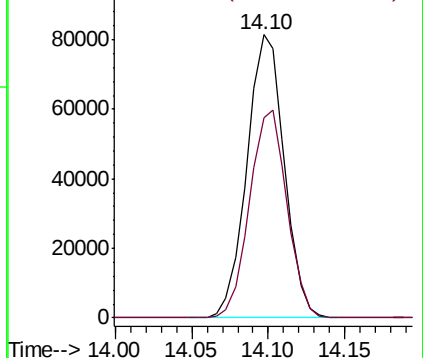
117 100

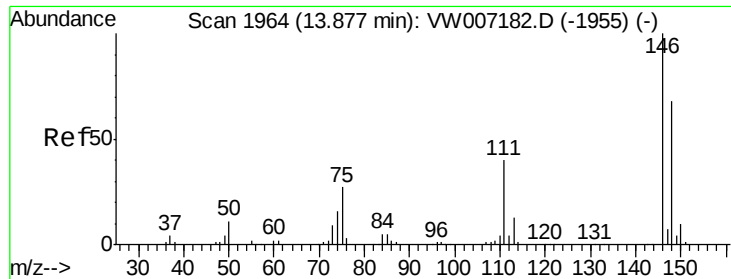
201 73.4 36.0 108.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 143.307 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

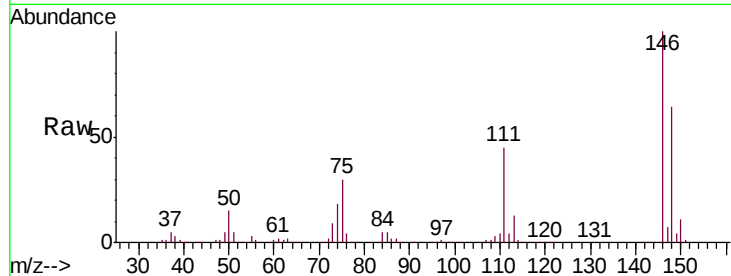
Tgt Ion:146 Resp: 348744

Ion Ratio Lower Upper

146 100

111 44.7 21.6 65.0

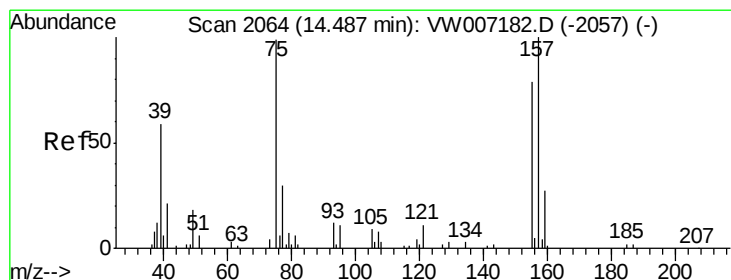
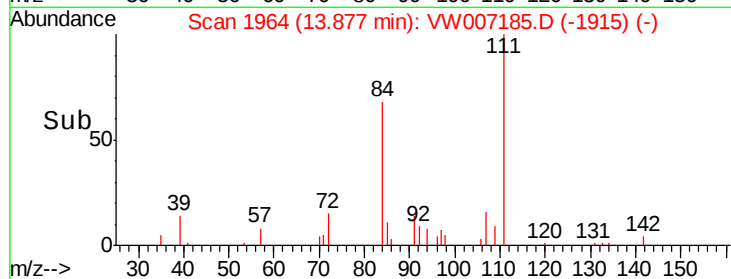
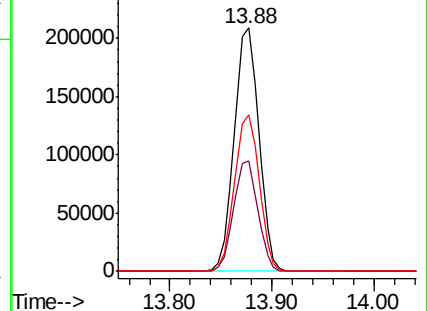
148 64.4 32.7 98.1



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: 156.000 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

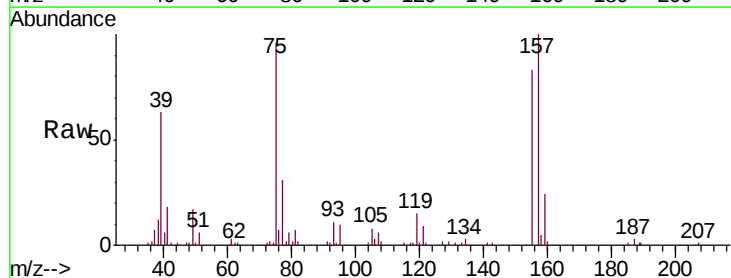
Tgt Ion: 75 Resp: 24898

Ion Ratio Lower Upper

75 100

155 88.3 42.4 127.2

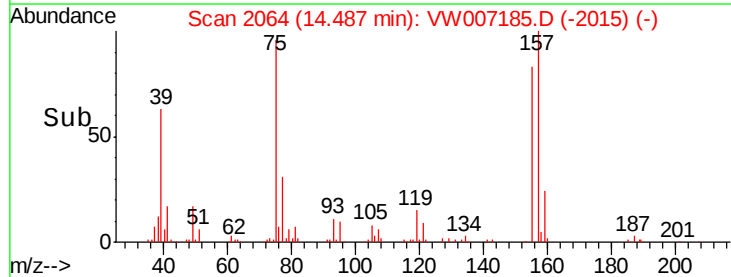
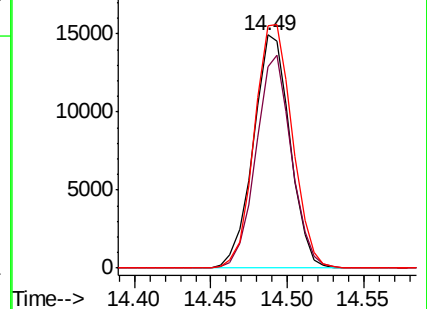
157 107.9 55.3 165.9

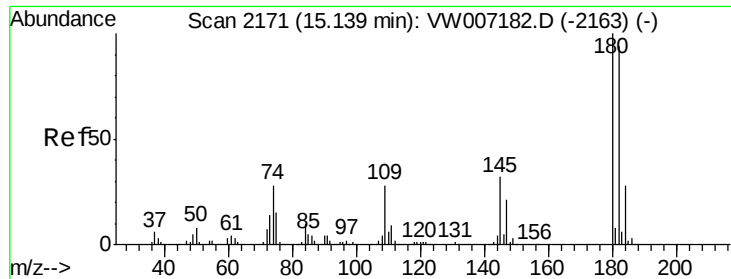


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

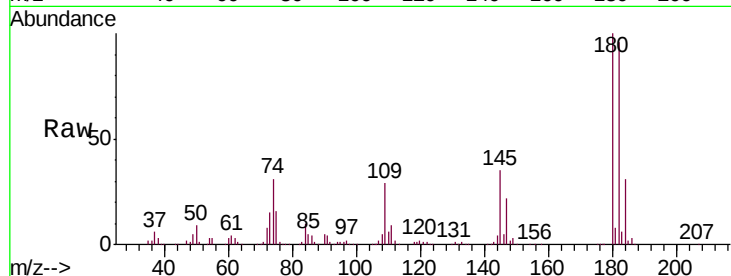




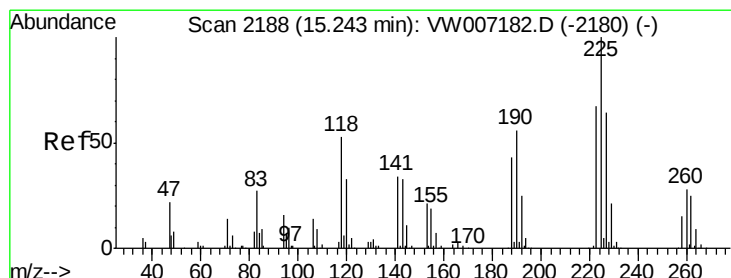
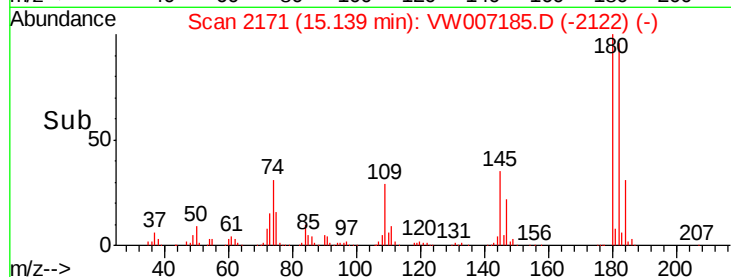
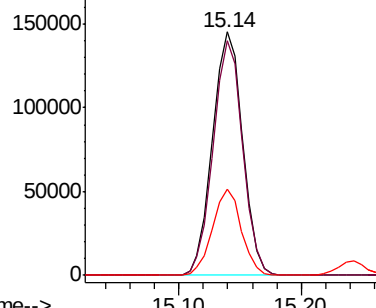
#93
 1,2,4-Trichlorobenzene
 Concen: 147.309 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 248431
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.8
 145 34.0 16.6 49.7

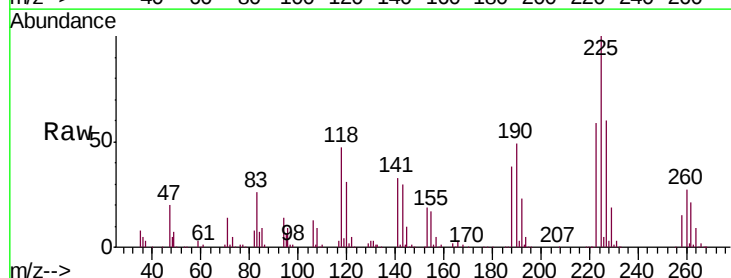


Abundance Ion 179.80 (179.50 to 180.50): V
 200000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

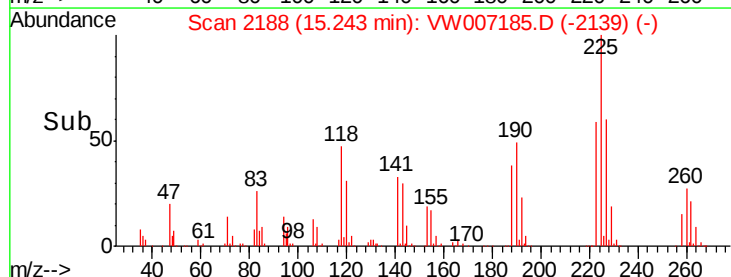
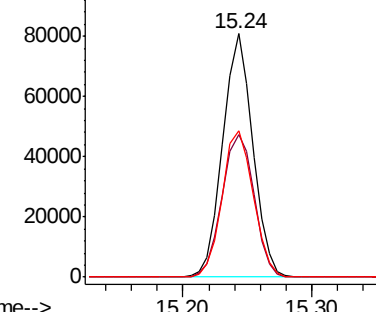


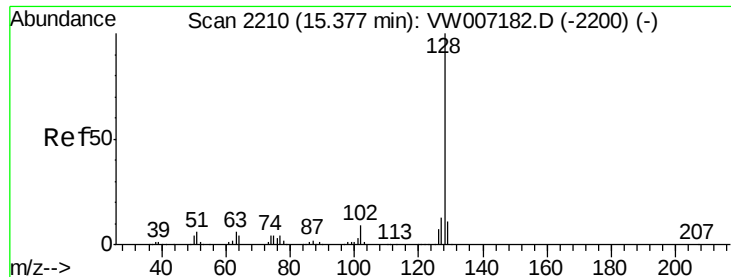
#94
 Hexachlorobutadiene
 Concen: 142.849 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion:225 Resp: 129912
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.3 96.8
 227 62.5 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 100000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

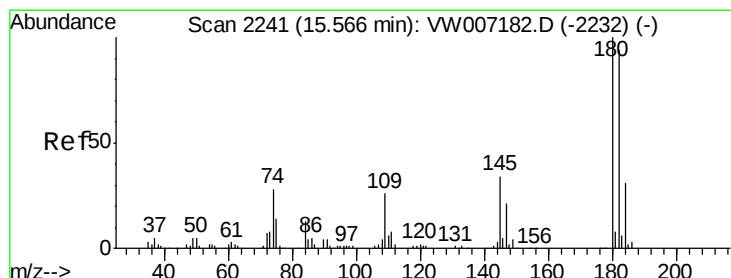
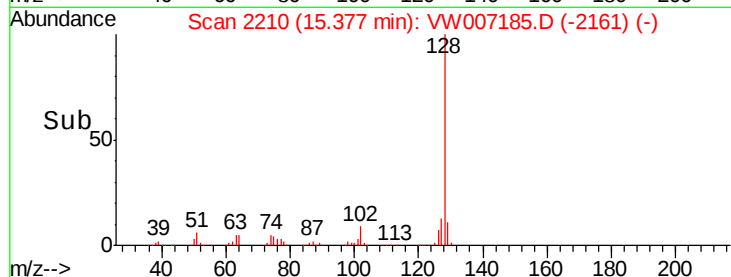
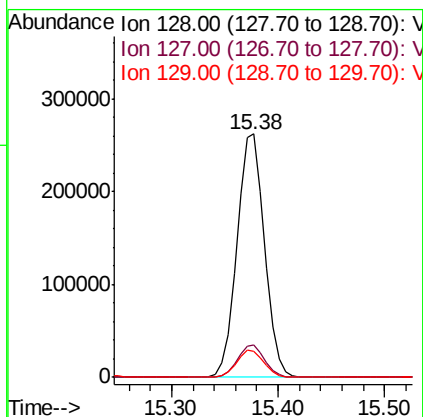
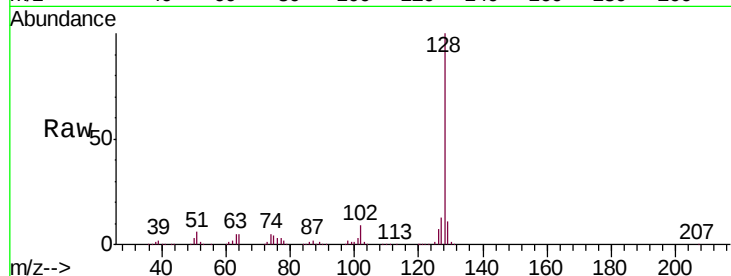




#95
Naphthalene
Concen: 157.062 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 474718
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 149.346 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:180 Resp: 212379
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 35.9 17.6 52.8

