

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006931.D
 Acq On : 16 Nov 2018 23:44
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 17 01:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	193219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	25370	27.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.14%	
35) Dibromofluoromethane	7.89	113	22101	18.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.94%	
50) Toluene-d8	10.33	98	94330	19.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.84%	
62) 4-Bromofluorobenzene	12.62	95	37309	20.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26051	26.852	ug/l	97
3) Chloromethane	2.21	50	21894	20.781	ug/l	98
4) Vinyl Chloride	2.36	62	20711	18.712	ug/l	97
5) Bromomethane	2.78	94	10348	14.327	ug/l	97
6) Chloroethane	2.92	64	11184	15.802	ug/l	96
7) Trichlorofluoromethane	3.26	101	39791	25.538	ug/l	96
8) Diethyl Ether	3.69	74	14306	29.984	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25917	24.691	ug/l	99
10) Methyl Iodide	4.28	142	25509	17.899	ug/l	99
11) Tert butyl alcohol	5.22	59	9243	153.499	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	22953	25.616	ug/l	94
13) Acrolein	3.91	56	9971	158.511	ug/l	99
14) Allyl chloride	4.68	41	39860	31.753	ug/l	98
15) Acrylonitrile	5.38	53	27413	150.608	ug/l	98
16) Acetone	4.15	43	19999	150.628	ug/l	99
17) Carbon Disulfide	4.38	76	72176	25.475	ug/l	97
18) Methyl Acetate	4.68	43	14966	32.838	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	67929	30.610	ug/l	99
20) Methylene Chloride	4.93	84	31111	22.462	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	26719	25.256	ug/l	97
22) Diisopropyl ether	6.32	45	83001	32.099	ug/l	99
23) Vinyl Acetate	6.26	43	231146	158.741	ug/l	100
24) 1,1-Dichloroethane	6.22	63	46498	27.915	ug/l	99
25) 2-Butanone	7.18	43	34774	155.942	ug/l	100
26) 2,2-Dichloropropane	7.17	77	41181	25.329	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	29990	26.391	ug/l	99
28) Bromochloromethane	7.52	49	16356	27.887	ug/l	99
29) Tetrahydrofuran	7.54	42	22550	157.964	ug/l	98
30) Chloroform	7.68	83	50232	27.821	ug/l	98
31) Cyclohexane	7.96	56	49701	29.482	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	45359	26.462	ug/l	98
36) 1,1-Dichloropropene	8.09	75	41336	22.834	ug/l	99
37) Ethyl Acetate	7.26	43	17791	28.772	ug/l	96
38) Carbon Tetrachloride	8.07	117	40150	20.757	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	49743	21.431	ug/l	97
40) Benzene	8.33	78	111581	22.063	ug/l	100
41) Methacrylonitrile	7.49	41	10079	26.420	ug/l	98
42) 1,2-Dichloroethane	8.40	62	32810	23.845	ug/l	99
43) Isopropyl Acetate	8.43	43	32011	26.578	ug/l	99
44) Trichloroethene	9.10	130	30601	19.641	ug/l	100
45) 1,2-Dichloropropane	9.37	63	28647	24.024	ug/l	96
46) Dibromomethane	9.46	93	13951	21.335	ug/l	99
47) Bromodichloromethane	9.65	83	37625	23.013	ug/l	99
48) Methyl methacrylate	9.44	41	14910	25.448	ug/l	97
49) 1,4-Dioxane	9.48	88	3940	397.130	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	76969	127.904	ug/l	100
52) Toluene	10.39	92	71026	20.016	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	36570	22.712	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	44297	23.183	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	21079	21.717	ug/l	96
56) Ethyl methacrylate	10.65	69	25093	23.151	ug/l	96
57) 1,3-Dichloropropane	10.93	76	35634	22.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	62827	117.664	ug/l	100
59) 2-Hexanone	10.98	43	51637	125.101	ug/l	100
60) Dibromochloromethane	11.13	129	23564	20.069	ug/l	99
61) 1,2-Dibromoethane	11.24	107	19326	21.063	ug/l	99
64) Tetrachloroethene	10.87	164	23957	17.468	ug/l	96
65) Chlorobenzene	11.66	112	78557	20.114	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	25507	20.183	ug/l	97
67) Ethyl Benzene	11.74	91	141467	21.100	ug/l	97
68) m/p-Xylenes	11.84	106	112098	41.243	ug/l	100
69) o-Xylene	12.17	106	52588	20.736	ug/l	100
70) Styrene	12.18	104	84623	20.802	ug/l	99
71) Bromoform	12.35	173	11482	17.055	ug/l #	99
73) Isopropylbenzene	12.47	105	144235	23.357	ug/l	100
74) N-amyl acetate	12.28	43	28598	28.880	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	21510	24.960	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	29352	44.627	ug/l #	100
77) Bromobenzene	12.75	156	29881	19.672	ug/l	96
78) n-propylbenzene	12.81	91	172746	23.633	ug/l	100
79) 2-Chlorotoluene	12.90	91	101642	24.597	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	124141	23.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6156	23.405	ug/l	95
82) 4-Chlorotoluene	12.99	91	107079	24.313	ug/l	100
83) tert-Butylbenzene	13.21	119	104427	22.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	125899	23.351	ug/l	100
85) sec-Butylbenzene	13.39	105	149649	22.655	ug/l	100
86) p-Isopropyltoluene	13.51	119	130549	21.889	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62604	20.298	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	62103	20.327	ug/l	98
89) n-Butylbenzene	13.83	91	124137	22.580	ug/l	99
90) Hexachloroethane	14.10	117	21261	22.160	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	54740	20.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3439	24.260	ug/l	95

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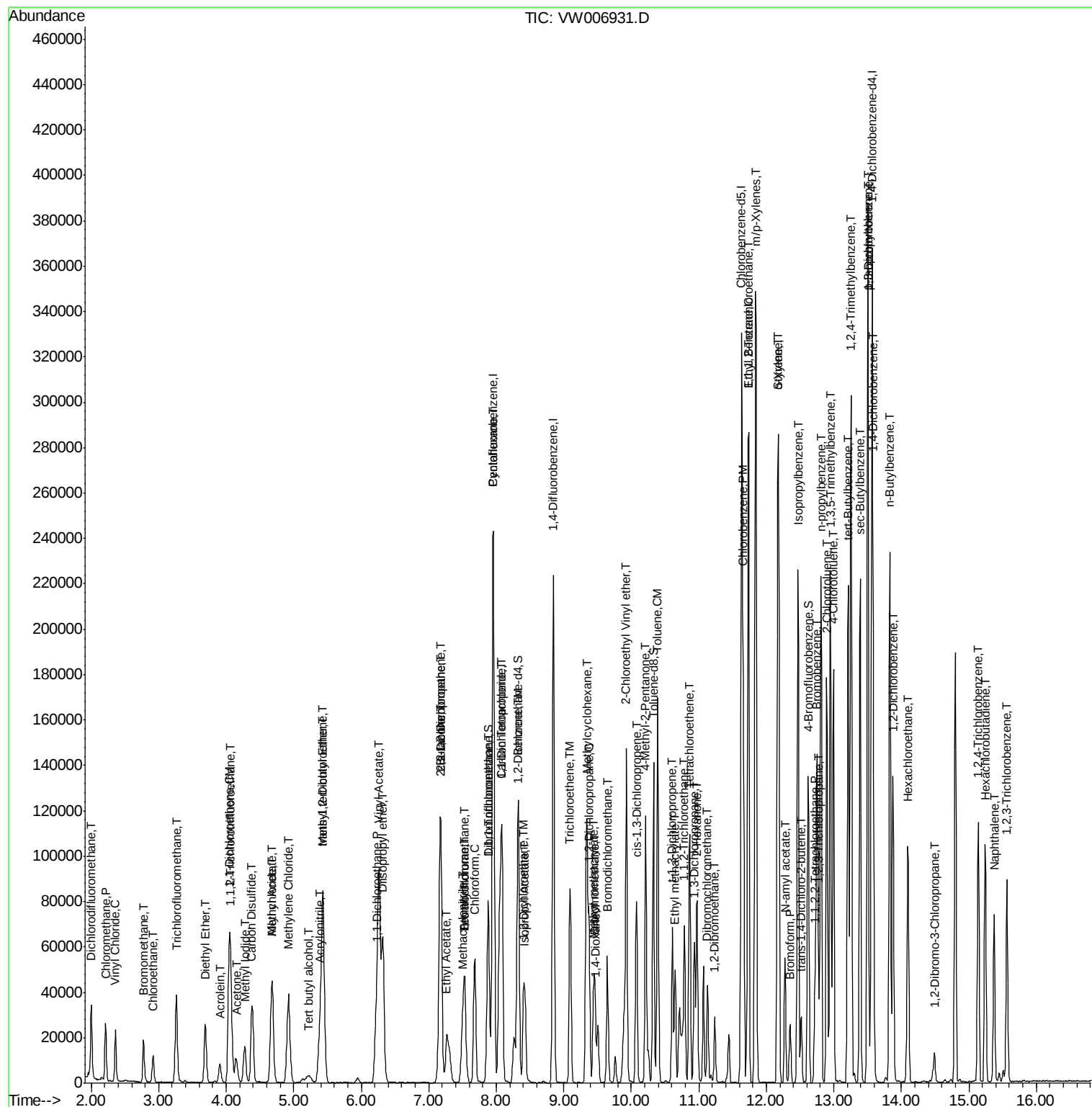
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35018	17.659	ug/l	99
94) Hexachlorobutadiene	15.24	225	18298	14.951	ug/l	99
95) Naphthalene	15.38	128	64977	21.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	29489	17.318	ug/l	100

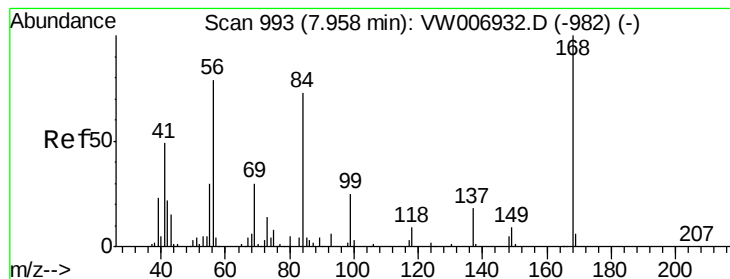
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

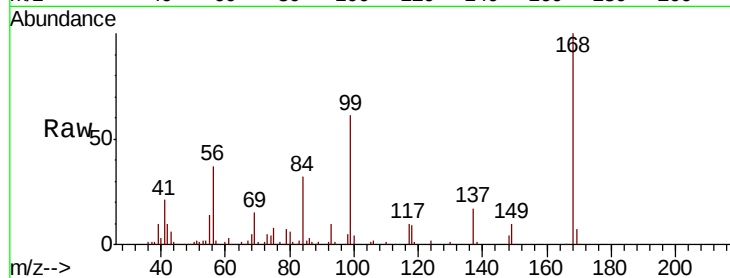
VSTDIC020

Tgt Ion:168 Resp: 114197

Ion Ratio Lower Upper

168 100

99 61.1 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

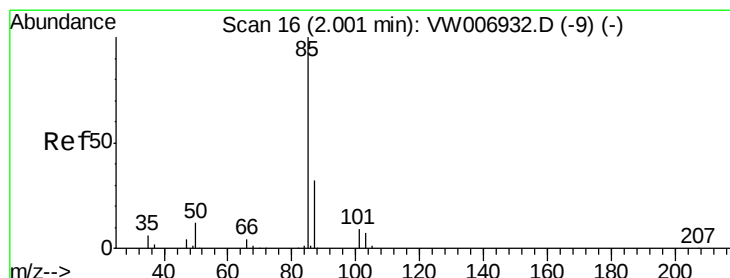
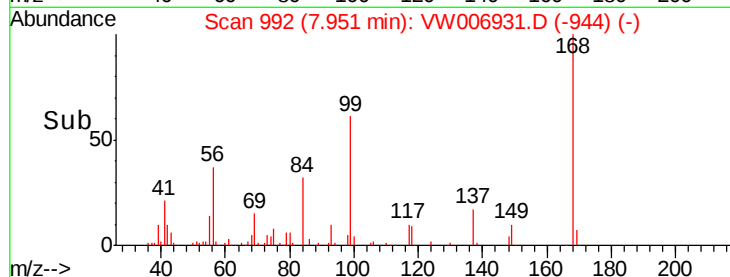
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 26.852 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006931.D

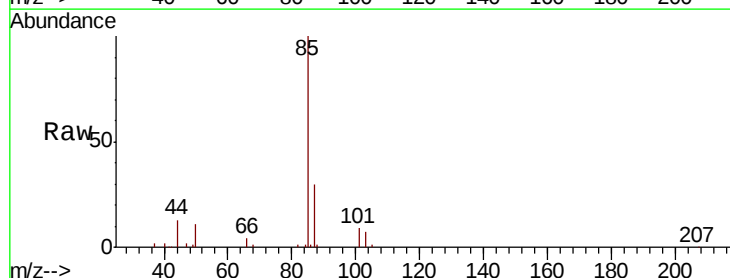
Acq: 16 Nov 2018 23:44

Tgt Ion: 85 Resp: 26051

Ion Ratio Lower Upper

85 100

87 30.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

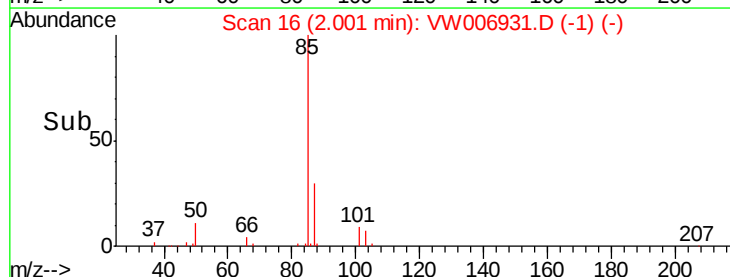
15000

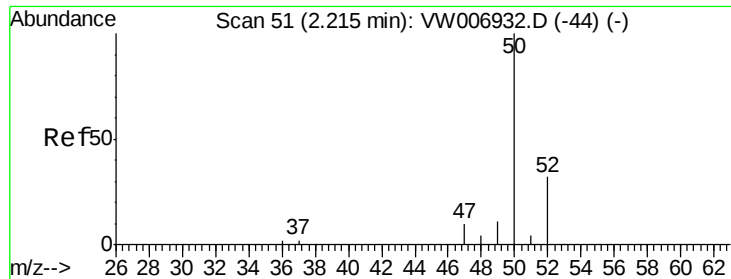
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.781 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

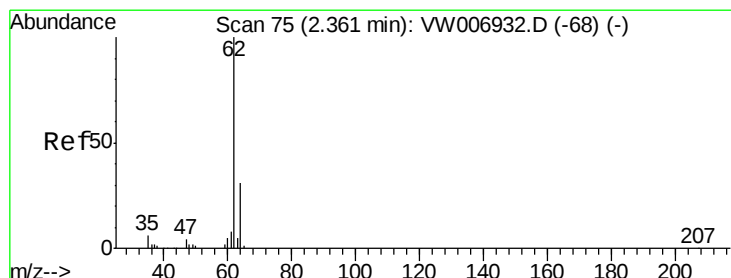
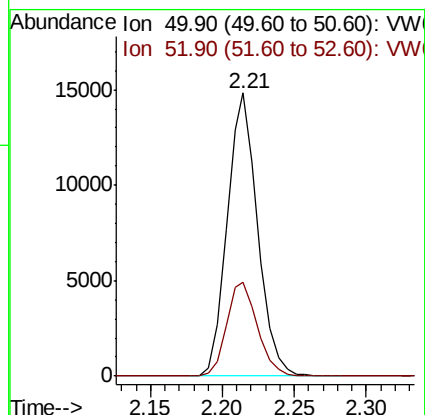
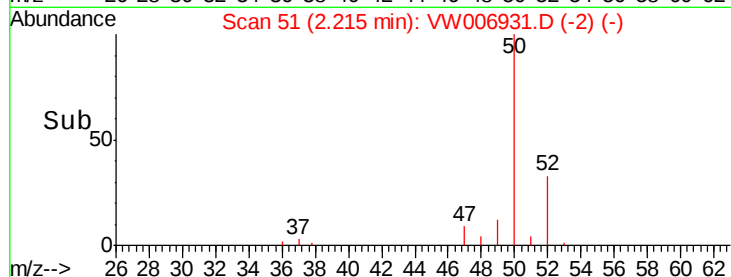
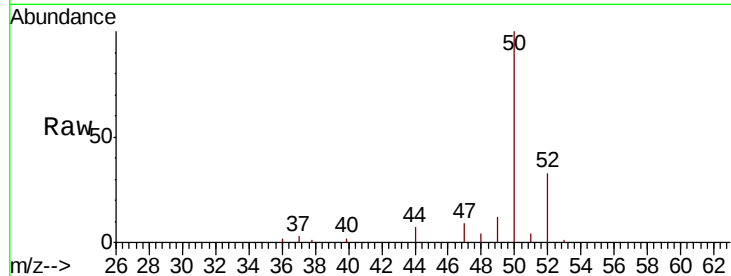
VSTDIC020

Tgt Ion: 50 Resp: 21894

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 18.712 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006931.D

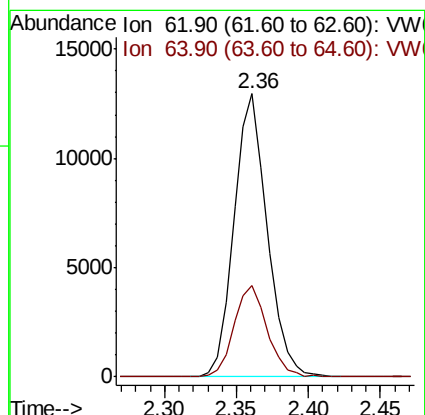
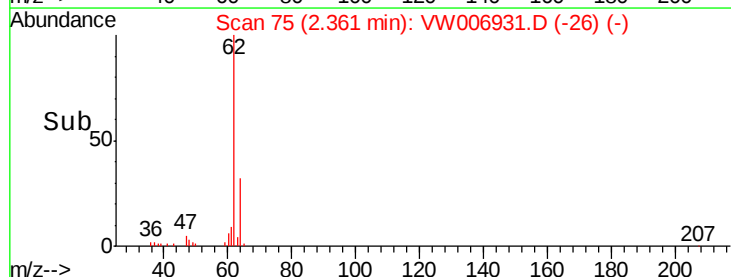
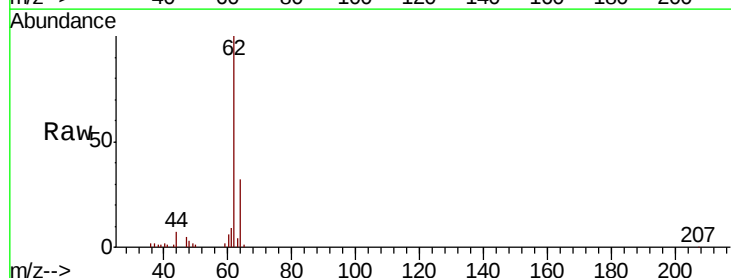
Acq: 16 Nov 2018 23:44

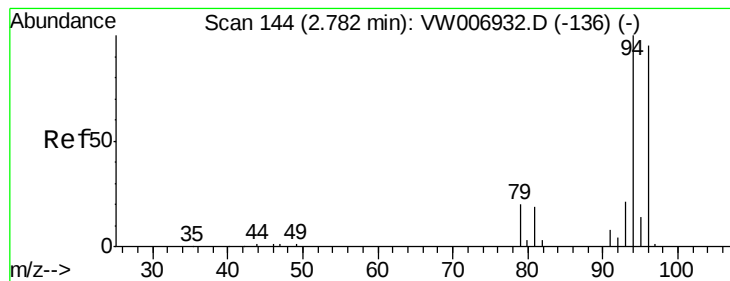
Tgt Ion: 62 Resp: 20711

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 14.327 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

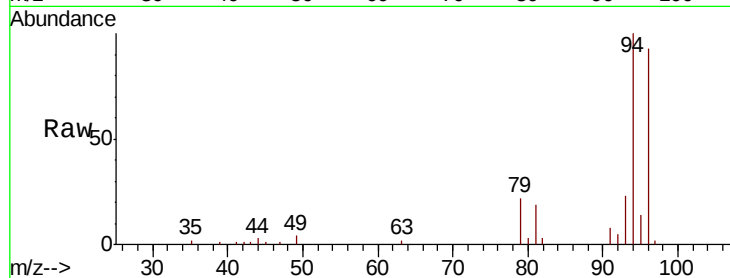
VSTDIC020

Tgt Ion: 94 Resp: 10348

Ion Ratio Lower Upper

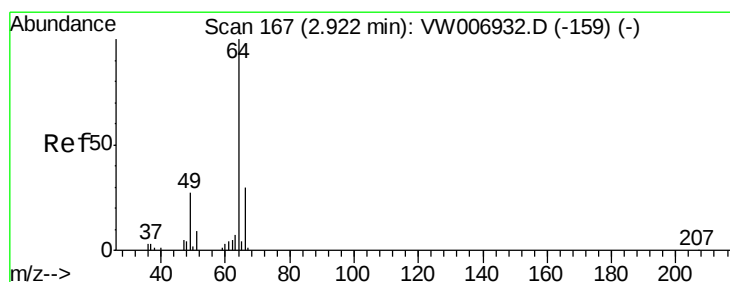
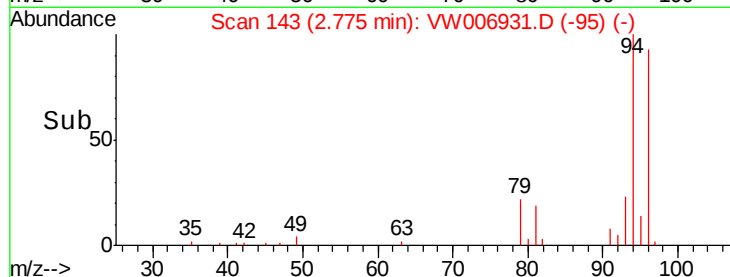
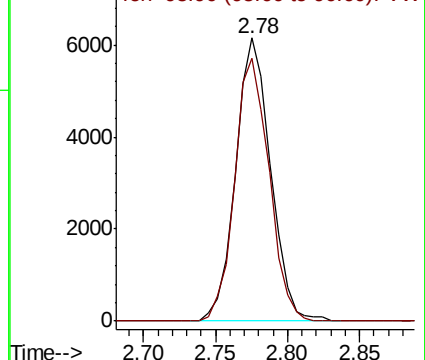
94 100

96 92.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 15.802 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006931.D

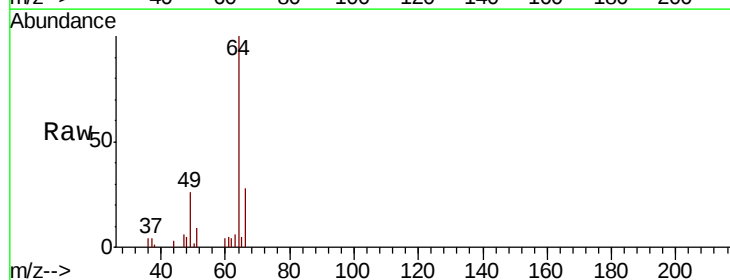
Acq: 16 Nov 2018 23:44

Tgt Ion: 64 Resp: 11184

Ion Ratio Lower Upper

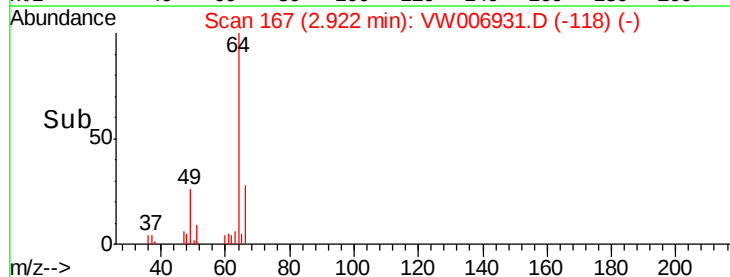
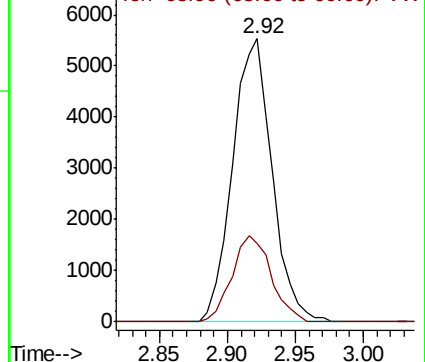
64 100

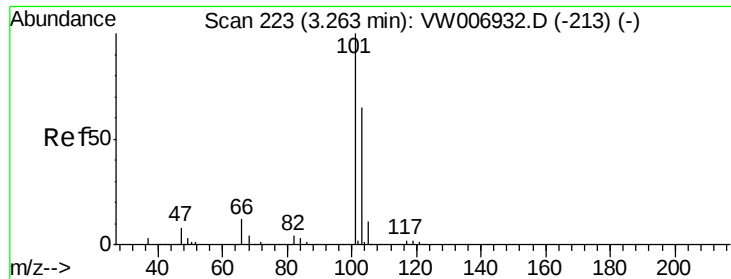
66 27.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



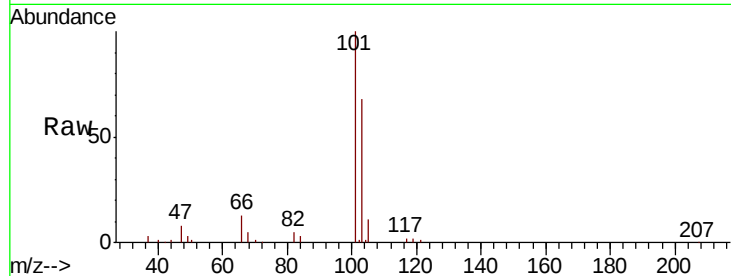


#7

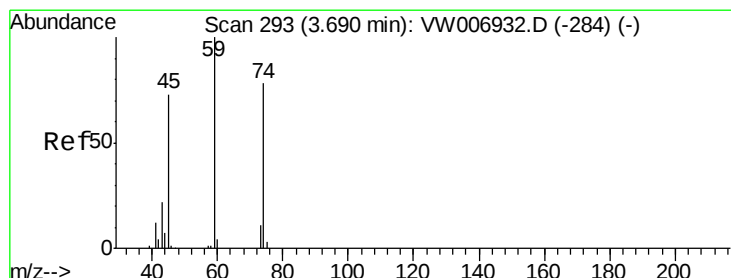
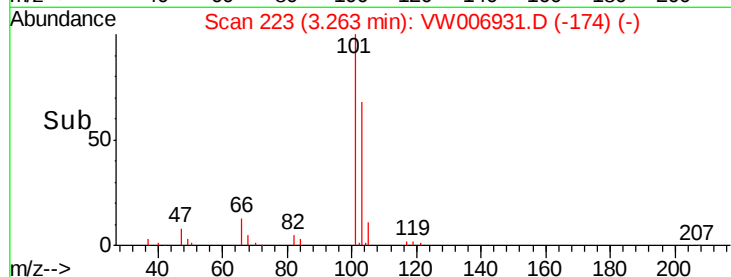
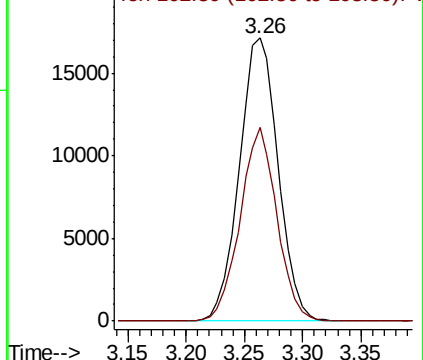
Trichlorofluoromethane
Concen: 25.538 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006931.D
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Tgt Ion:101 Resp: 39791
Ion Ratio Lower Upper
101 100
103 68.3 52.2 78.2



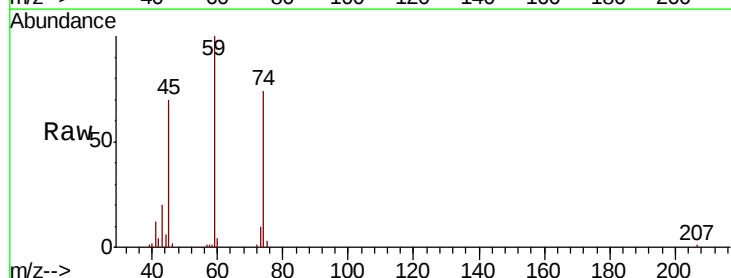
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



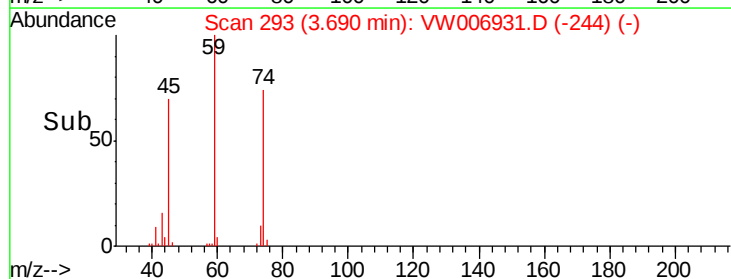
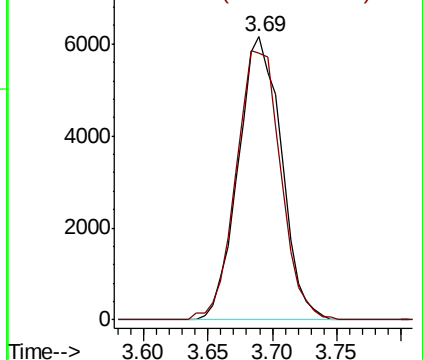
#8

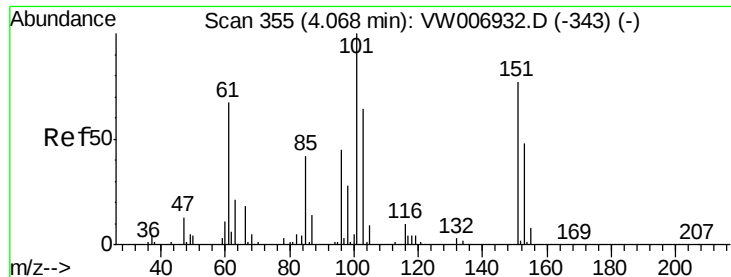
Diethyl Ether
Concen: 29.984 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006931.D
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Tgt Ion: 74 Resp: 14306
Ion Ratio Lower Upper
74 100
45 98.5 48.0 144.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.691 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

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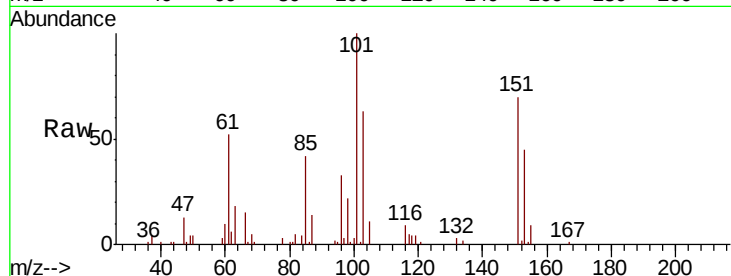
Tgt Ion:101 Resp: 25917

Ion Ratio Lower Upper

101 100

85 43.5 34.5 51.7

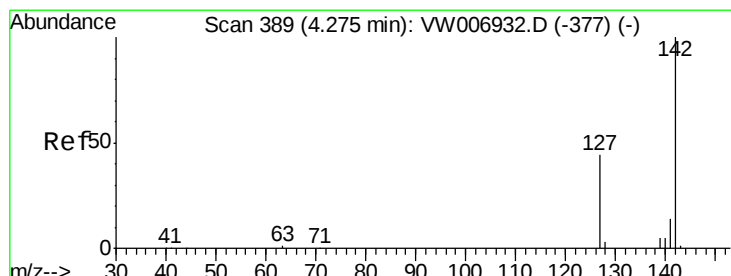
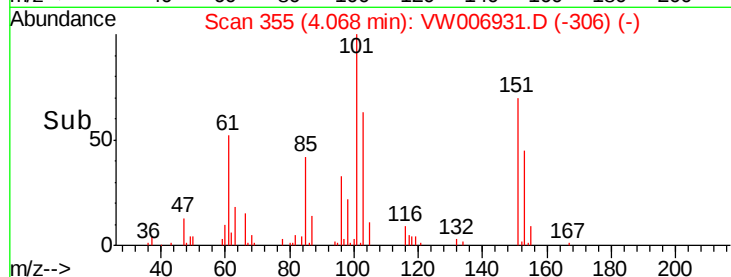
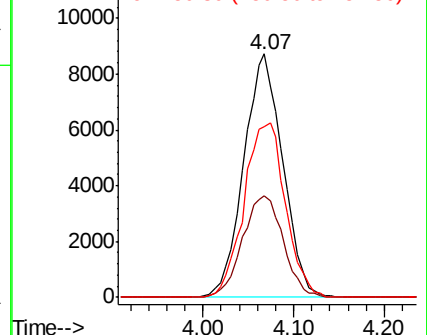
151 75.9 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.899 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

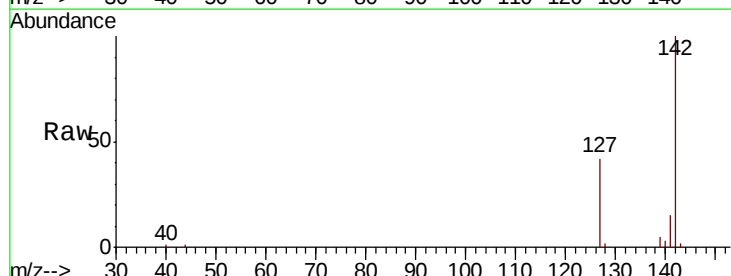
Tgt Ion:142 Resp: 25509

Ion Ratio Lower Upper

142 100

127 43.4 34.4 51.6

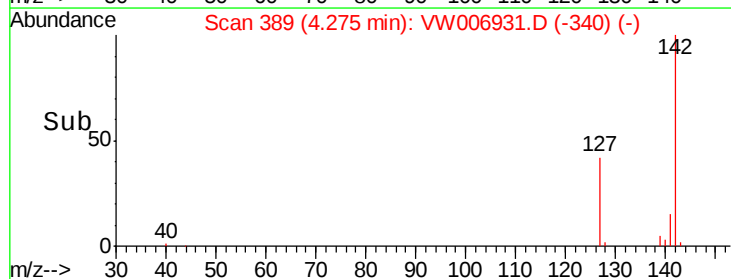
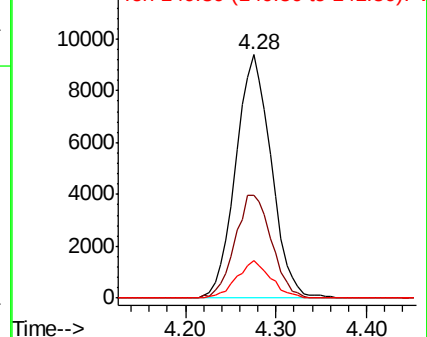
141 14.6 11.5 17.3

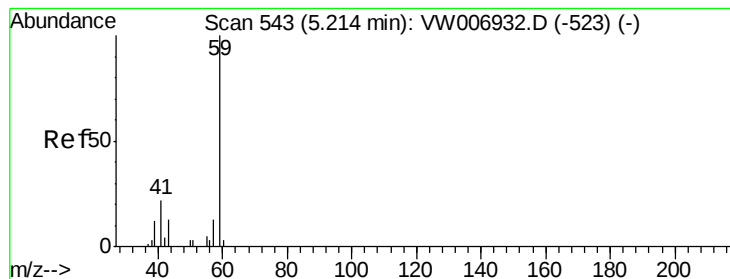


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



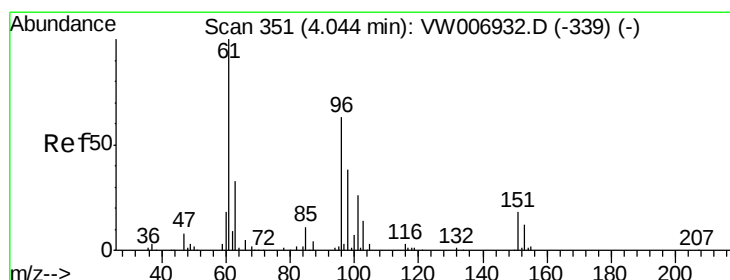
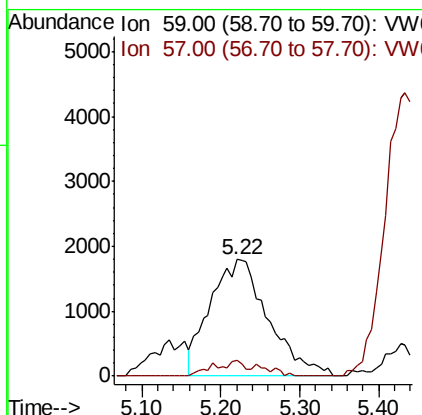
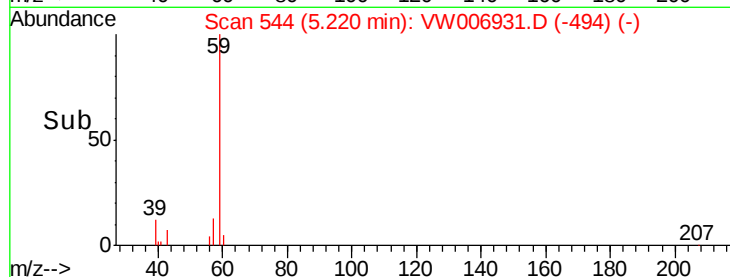
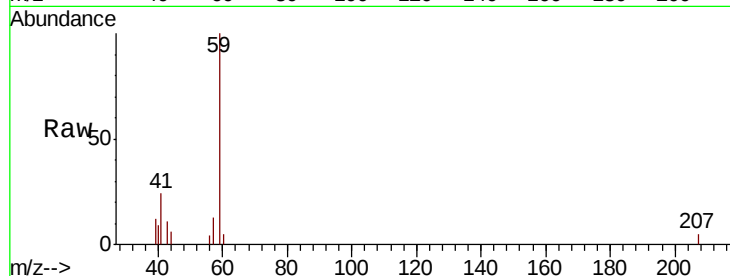


#11

Tert butyl alcohol
Concen: 153.499 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

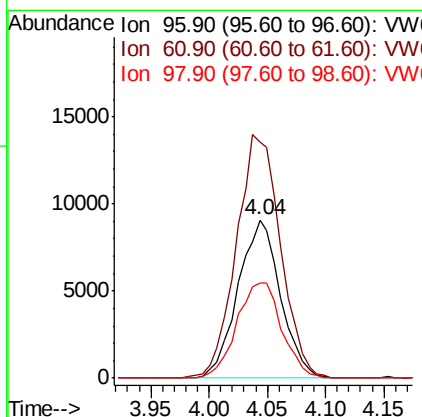
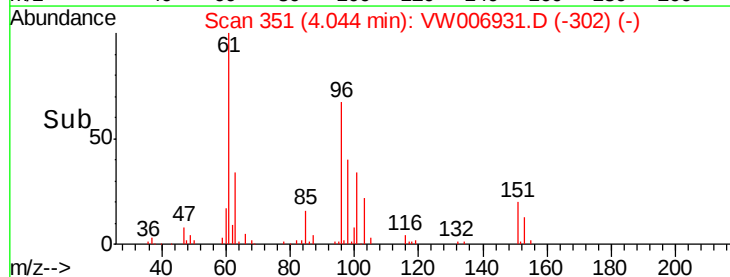
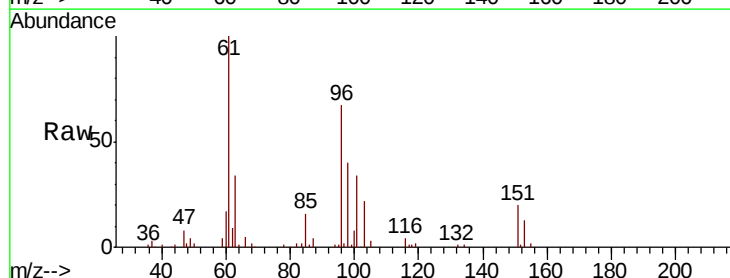
Tgt Ion: 59 Resp: 9243
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

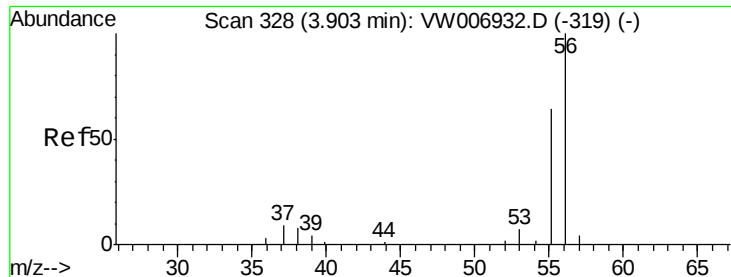


#12

1,1-Dichloroethene
Concen: 25.616 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 96 Resp: 22953
Ion Ratio Lower Upper
96 100
61 149.0 127.8 191.8
98 59.9 48.3 72.5





#13

Acrolein

Concen: 158.511 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

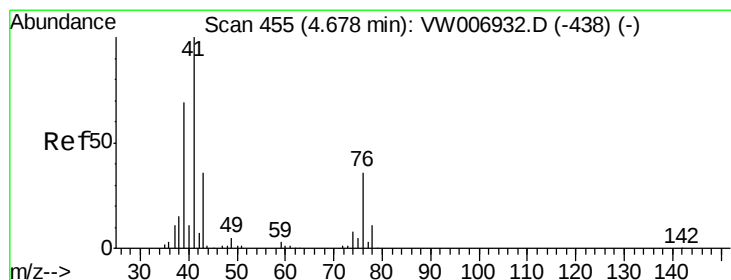
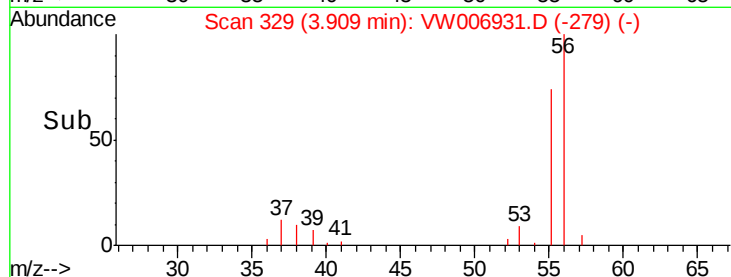
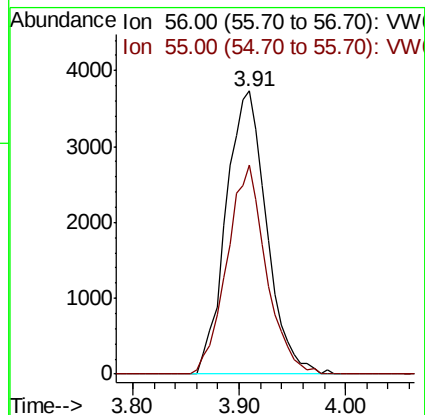
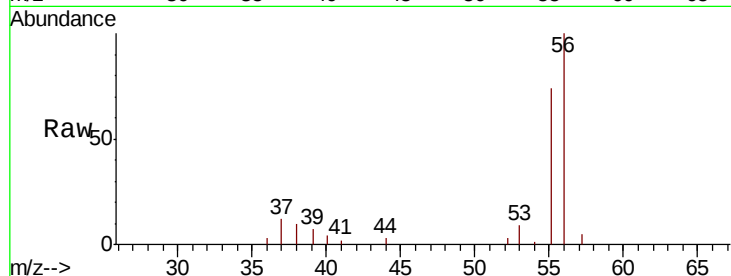
VSTDIC020

Tgt Ion: 56 Resp: 9971

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7



#14

Allyl chloride

Concen: 31.753 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

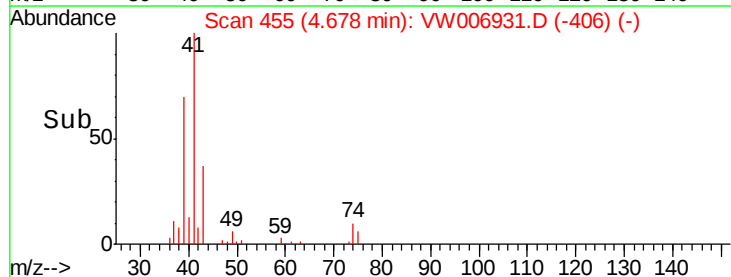
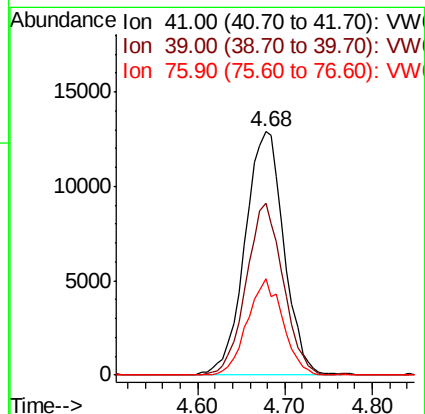
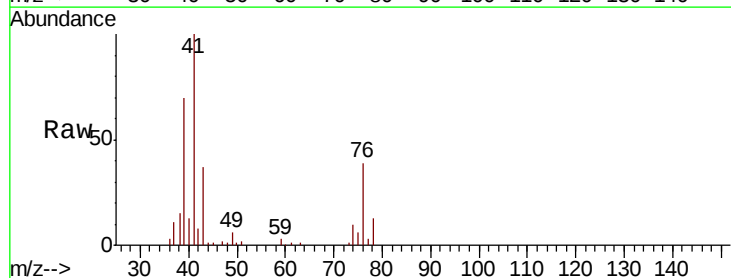
Tgt Ion: 41 Resp: 39860

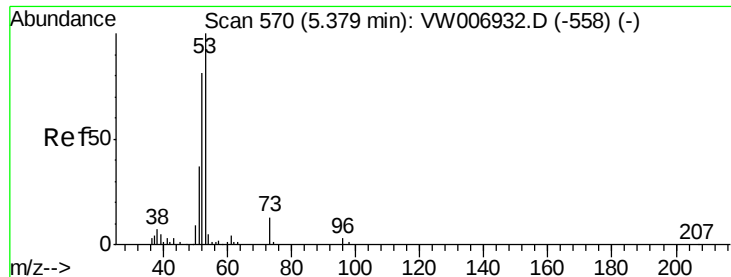
Ion Ratio Lower Upper

41 100

39 66.8 55.0 82.4

76 35.9 28.0 42.0





#15

Acrylonitrile

Concen: 150.608 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

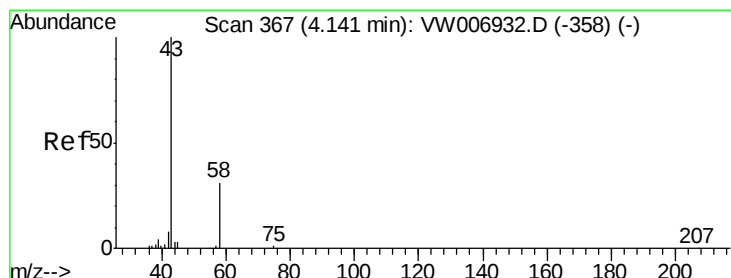
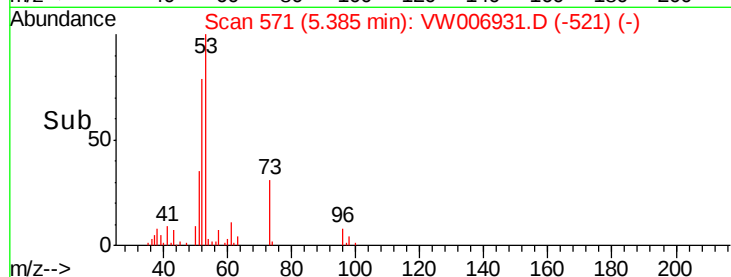
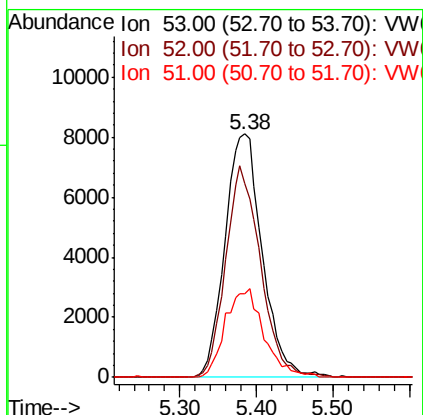
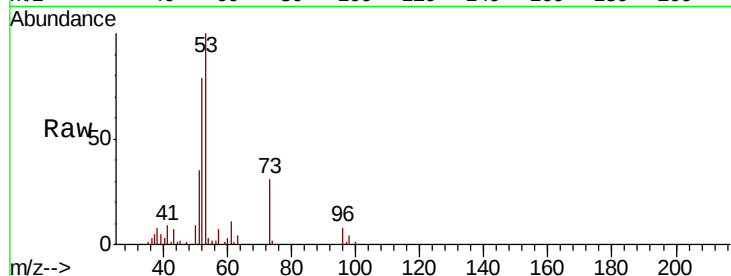
Tgt Ion: 53 Resp: 27413

Ion Ratio Lower Upper

53 100

52 81.1 67.0 100.6

51 37.5 29.8 44.6



#16

Acetone

Concen: 150.628 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006931.D

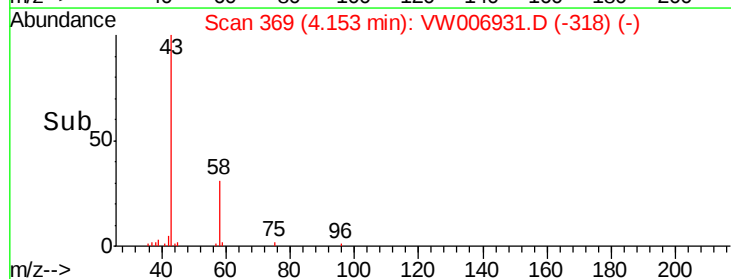
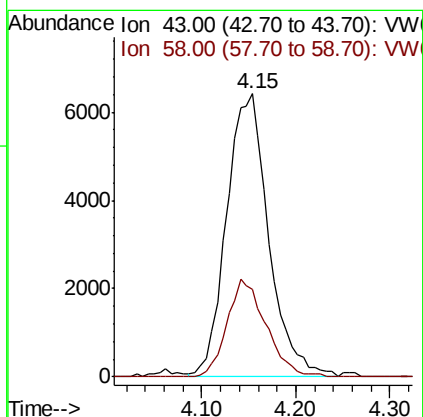
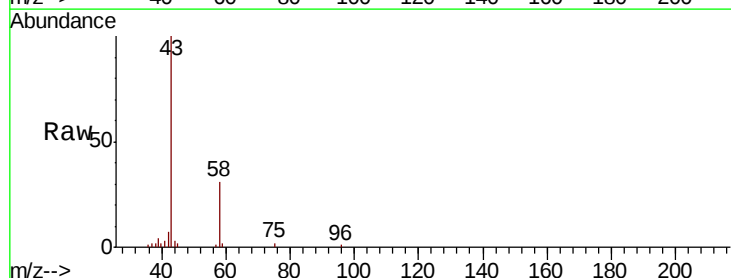
Acq: 16 Nov 2018 23:44

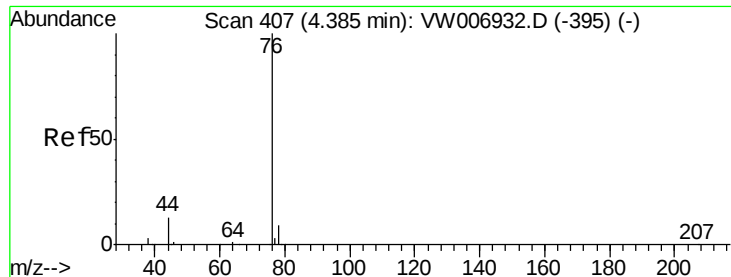
Tgt Ion: 43 Resp: 19999

Ion Ratio Lower Upper

43 100

58 30.8 24.2 36.4





#17

Carbon Disulfide

Concen: 25.475 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

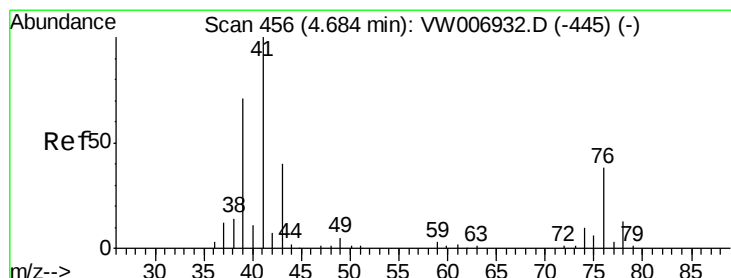
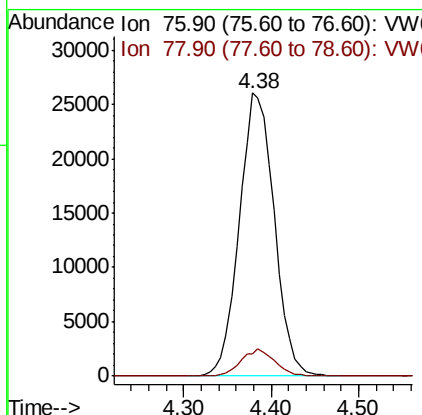
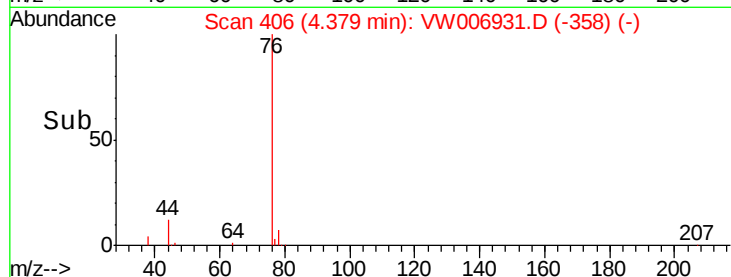
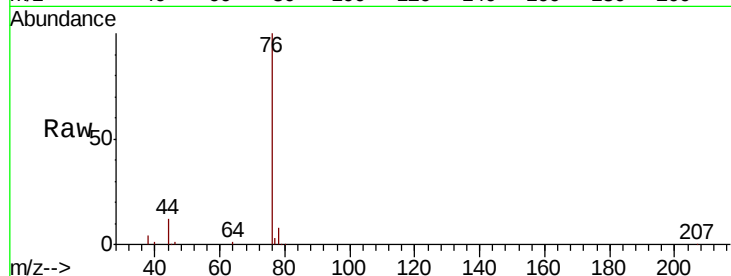
VSTDIC020

Tgt Ion: 76 Resp: 72176

Ion Ratio Lower Upper

76 100

78 7.9 7.1 10.7



#18

Methyl Acetate

Concen: 32.838 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006931.D

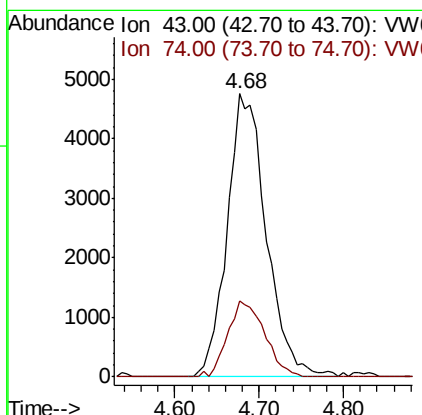
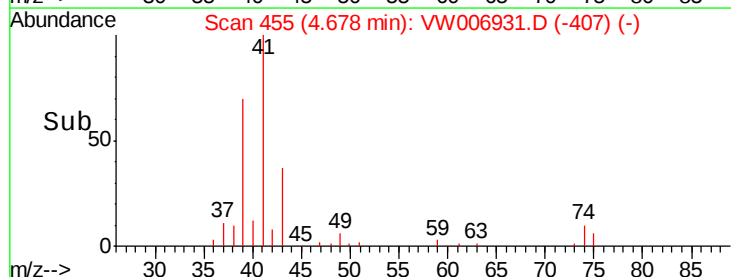
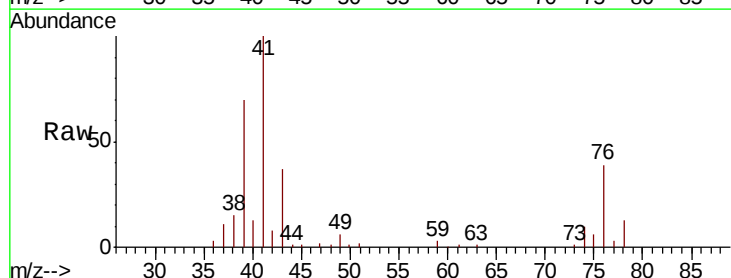
Acq: 16 Nov 2018 23:44

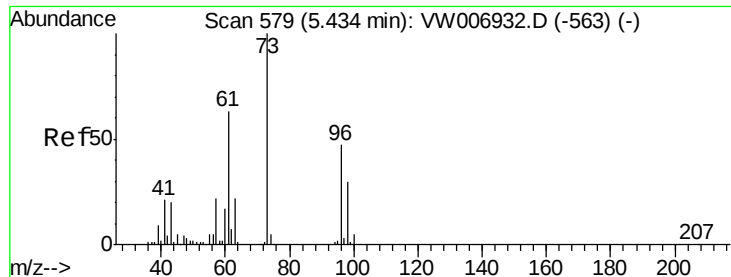
Tgt Ion: 43 Resp: 14966

Ion Ratio Lower Upper

43 100

74 25.3 20.3 30.5



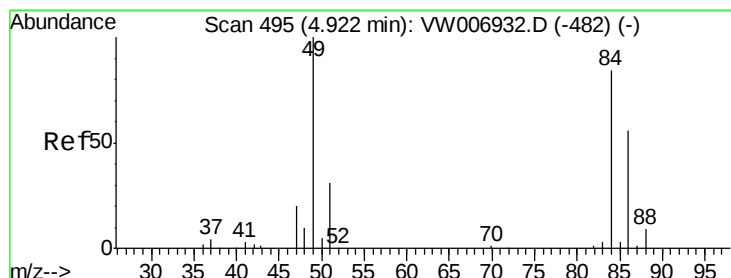
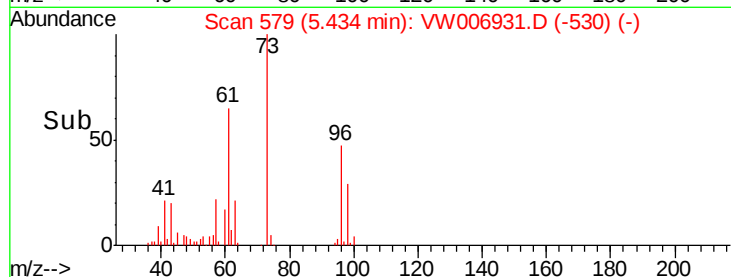
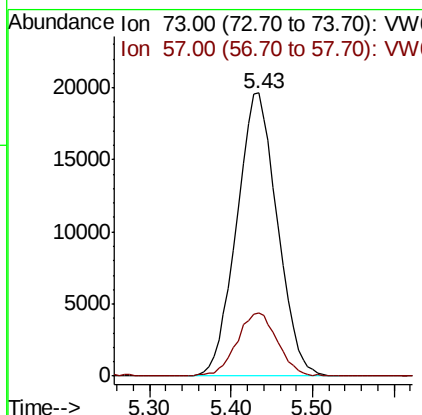
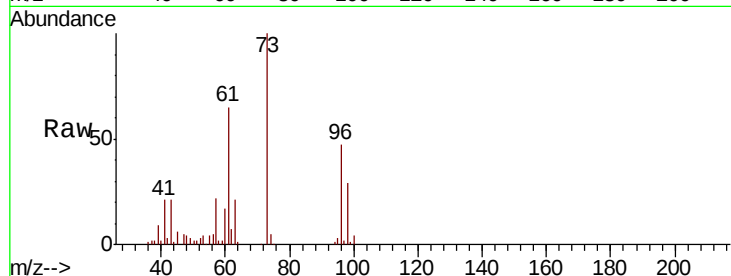


#19

Methyl tert-butyl Ether
 Concen: 30.610 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

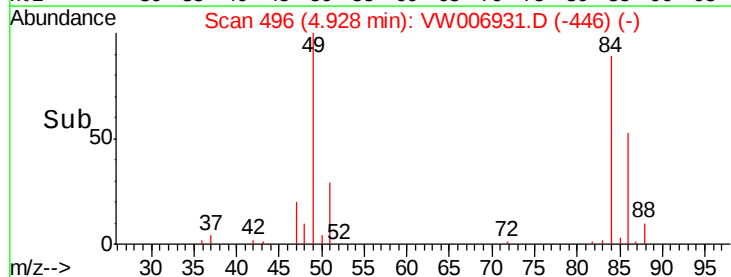
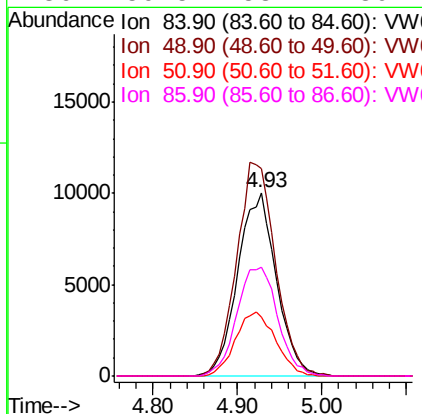
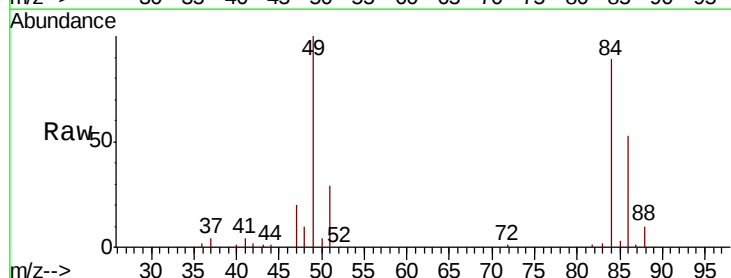
Tgt Ion: 73 Resp: 67929
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.5 26.3

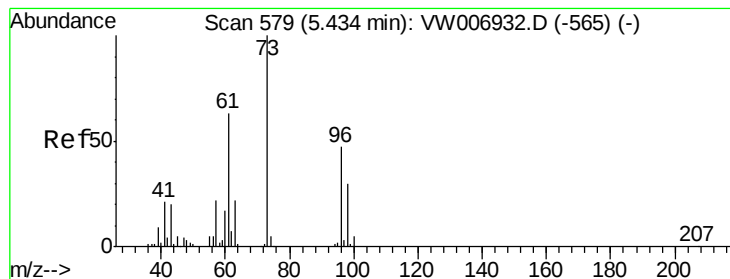


#20

Methylene Chloride
 Concen: 22.462 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 84 Resp: 31111
 Ion Ratio Lower Upper
 84 100
 49 112.9 95.4 143.2
 51 32.2 29.5 44.3
 86 59.5 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 25.256 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

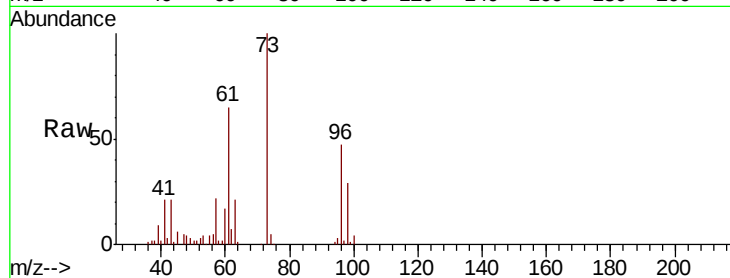
Tgt Ion: 96 Resp: 26719

Ion Ratio Lower Upper

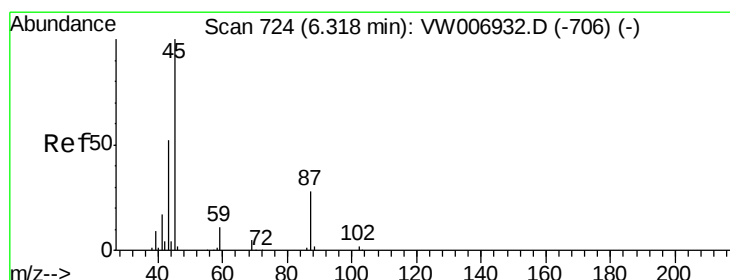
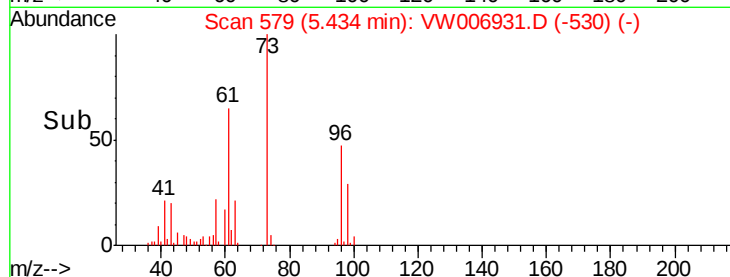
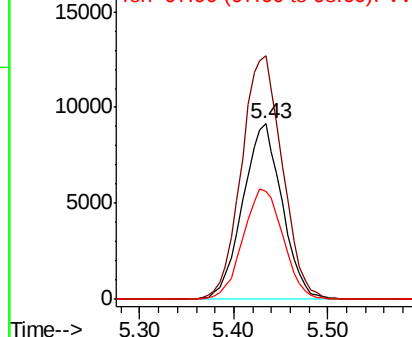
96 100

61 139.0 108.2 162.4

98 61.5 50.6 76.0



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: 32.099 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Tgt Ion: 45 Resp: 83001

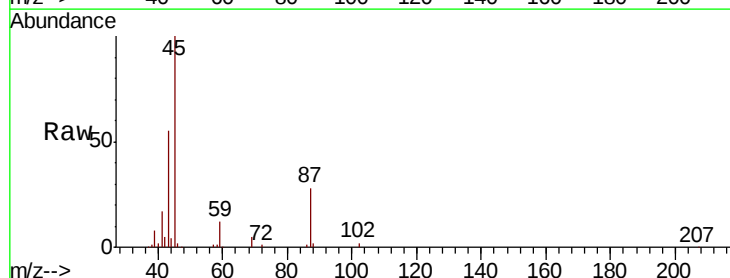
Ion Ratio Lower Upper

45 100

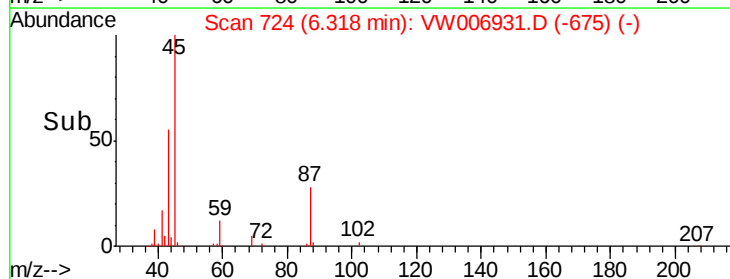
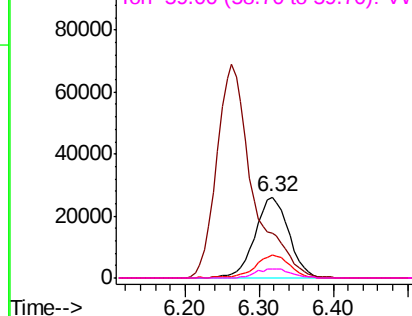
43 54.2 43.1 64.7

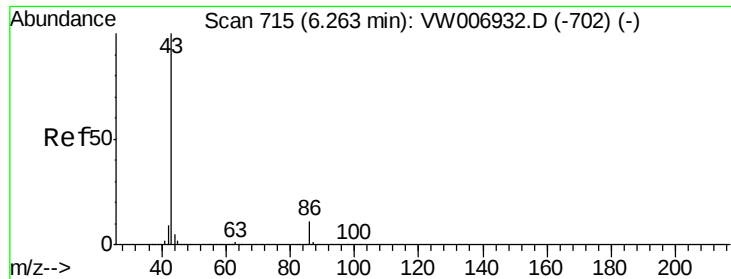
87 27.9 22.7 34.1

59 11.6 9.0 13.4



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: 158.741 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

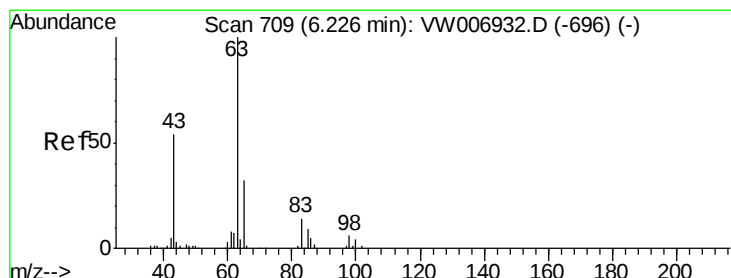
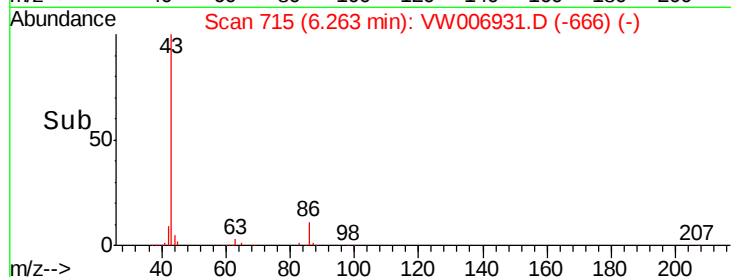
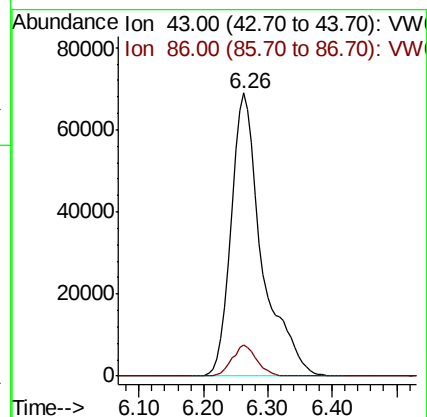
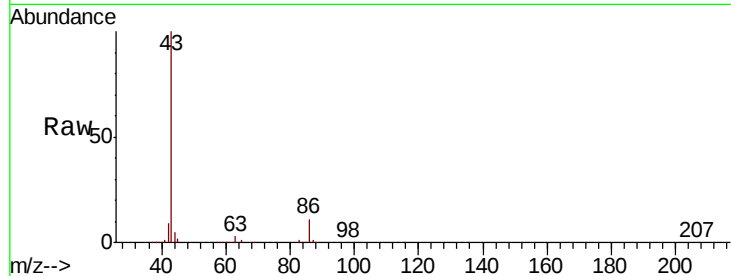
VSTDIC020

Tgt Ion: 43 Resp: 231146

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 27.915 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

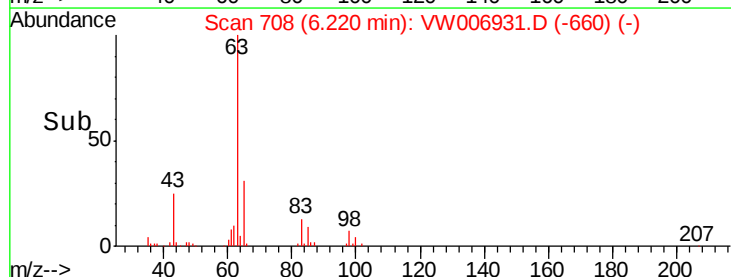
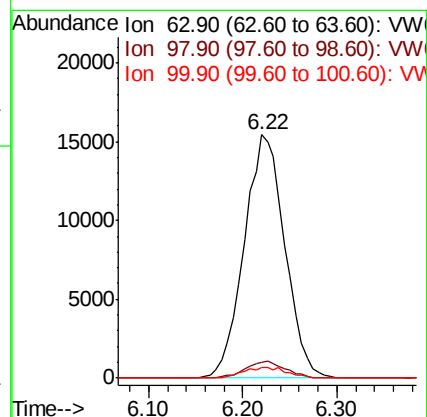
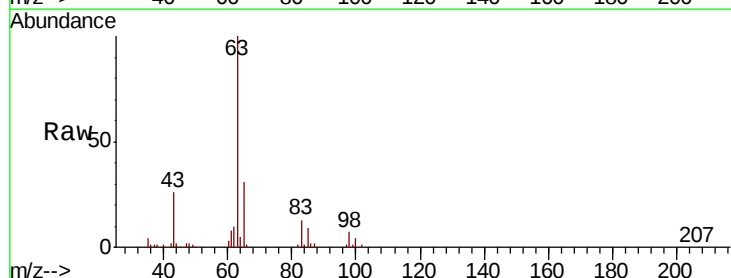
Tgt Ion: 63 Resp: 46498

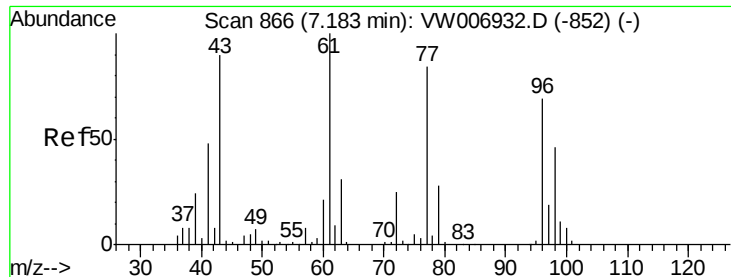
Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 155.942 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

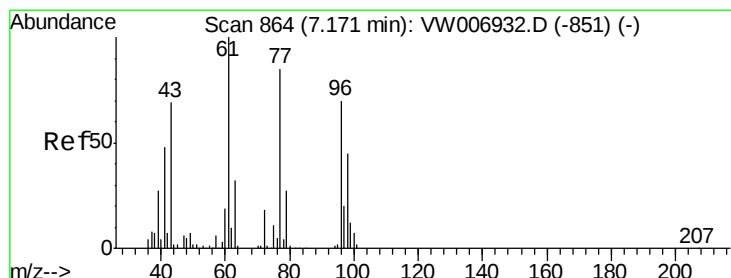
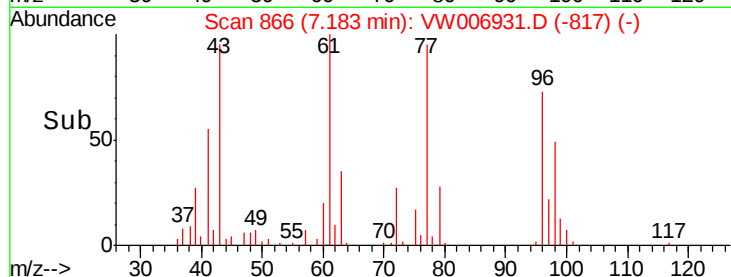
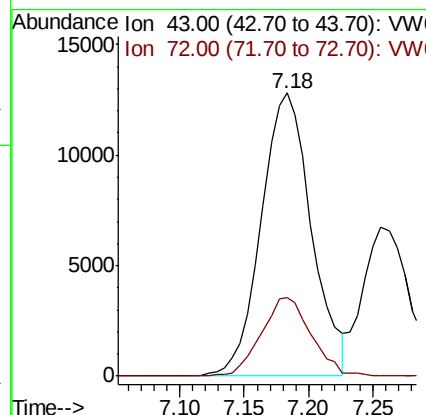
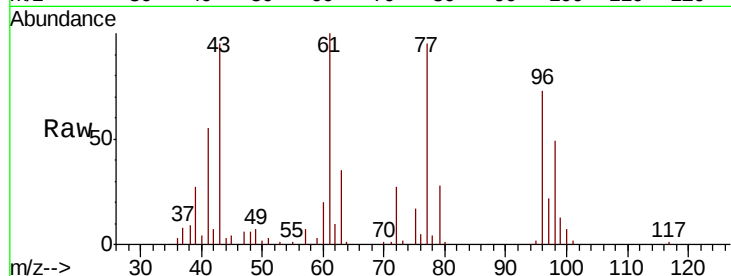
VSTDIC020

Tgt Ion: 43 Resp: 34774

Ion Ratio Lower Upper

43 100

72 27.8 22.1 33.1



#26

2,2-Dichloropropane

Concen: 25.329 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006931.D

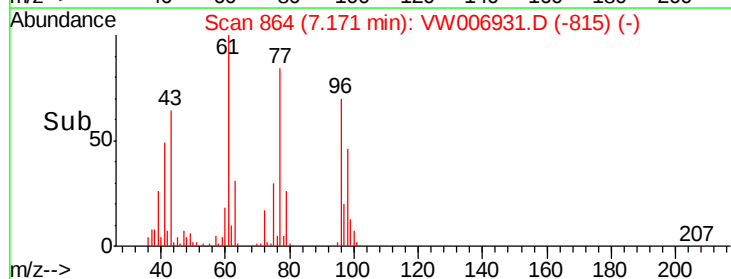
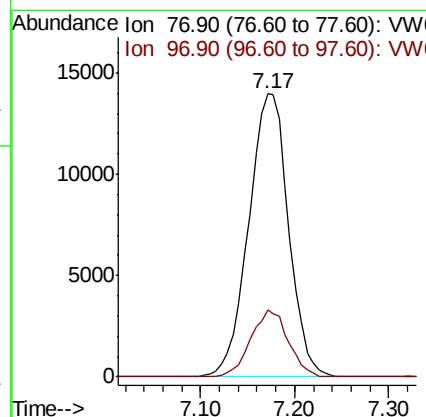
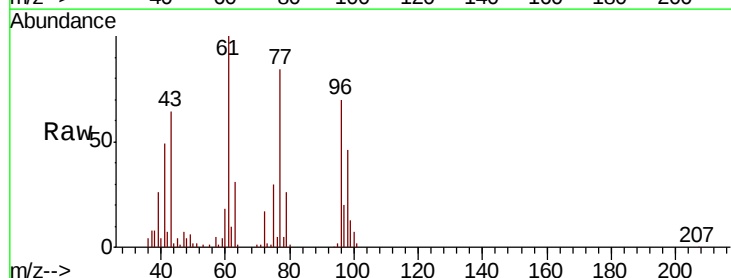
Acq: 16 Nov 2018 23:44

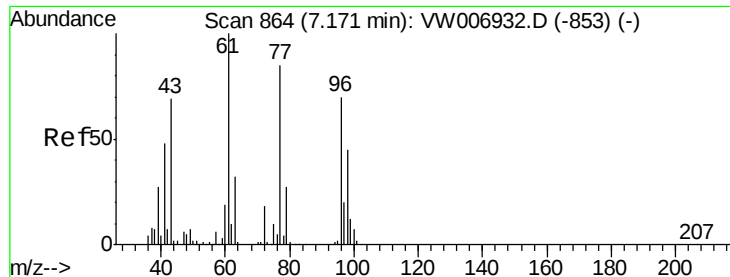
Tgt Ion: 77 Resp: 41181

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9



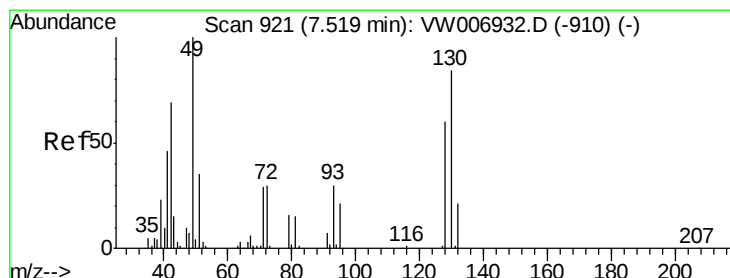
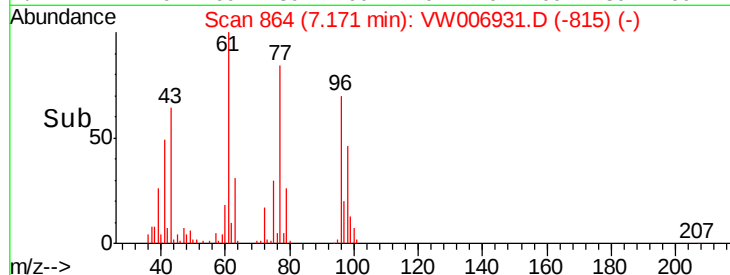
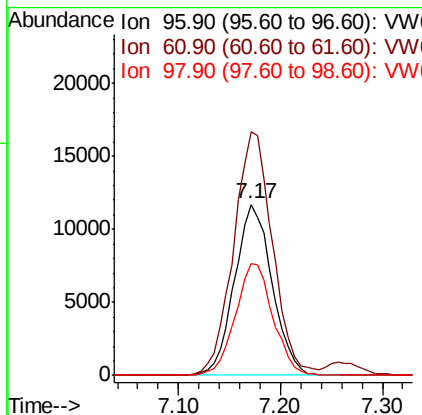
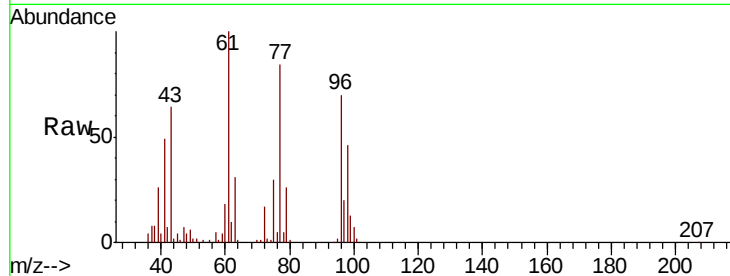


#27

cis-1,2-Dichloroethene
Concen: 26.391 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

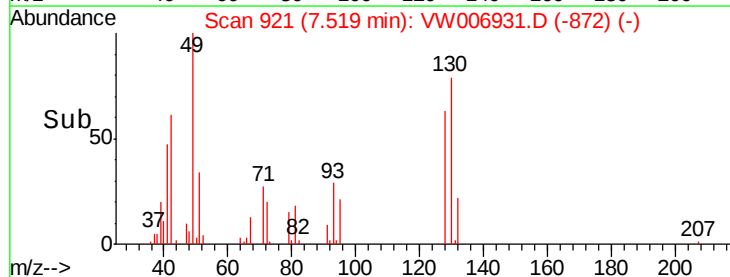
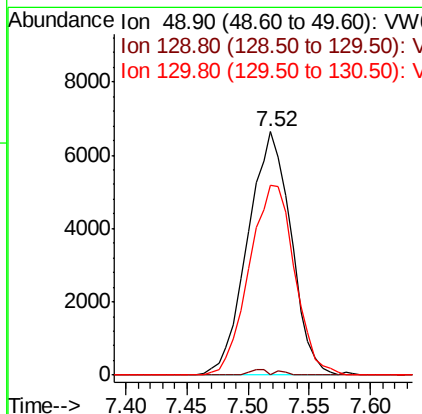
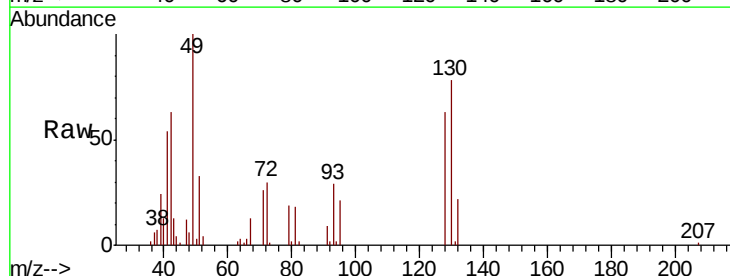
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	293.8
98	65.0	0.0	131.0

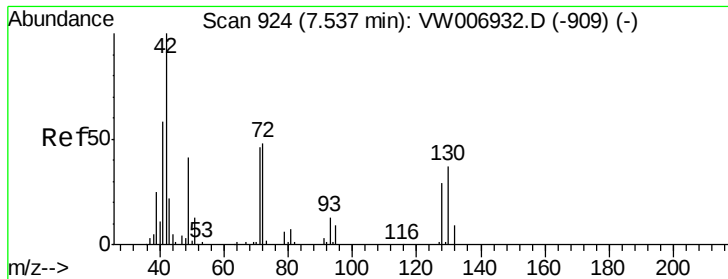


#28

Bromochloromethane
Concen: 27.887 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.6
130	81.9	66.1	99.1

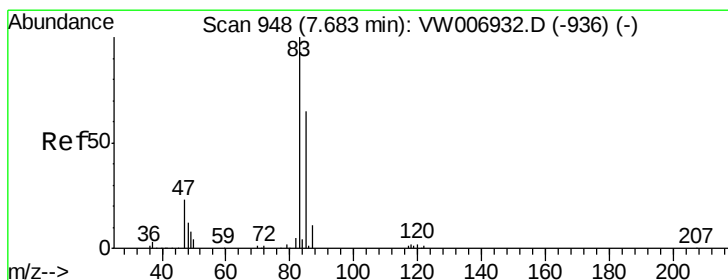
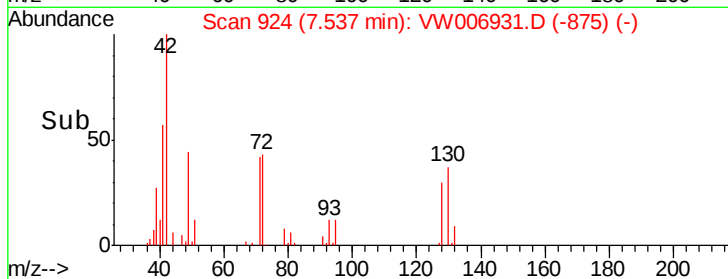
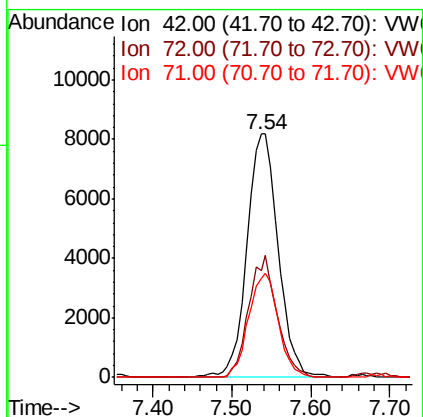
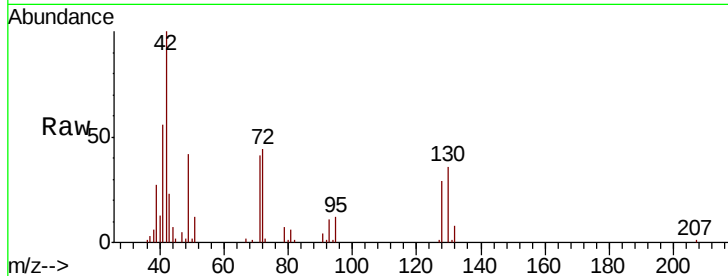




#29
Tetrahydrofuran
Concen: 157.964 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

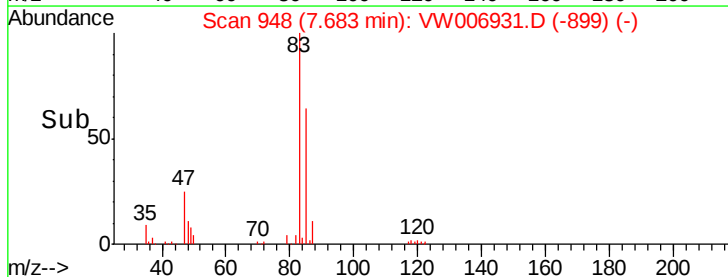
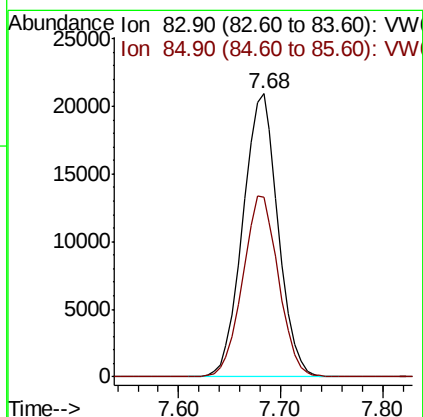
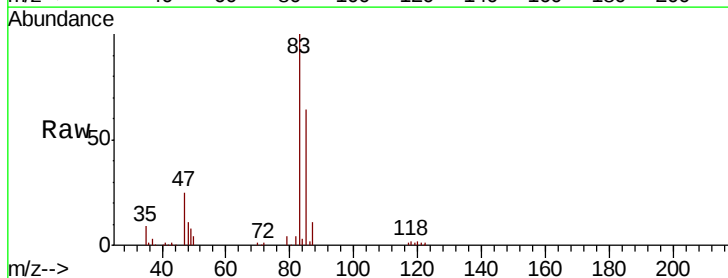
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

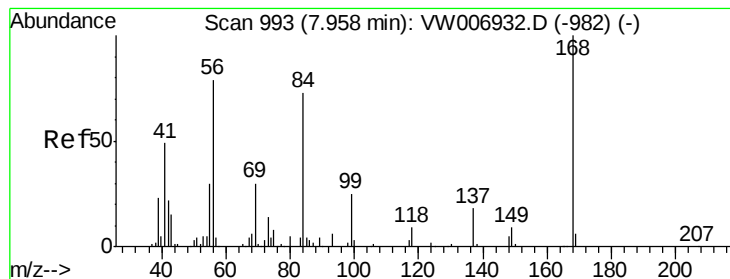
Tgt Ion: 42 Resp: 22550
Ion Ratio Lower Upper
42 100
72 45.4 35.7 53.5
71 40.4 33.7 50.5



#30
Chloroform
Concen: 27.821 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 83 Resp: 50232
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4





#31

Cyclohexane

Concen: 29.482 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

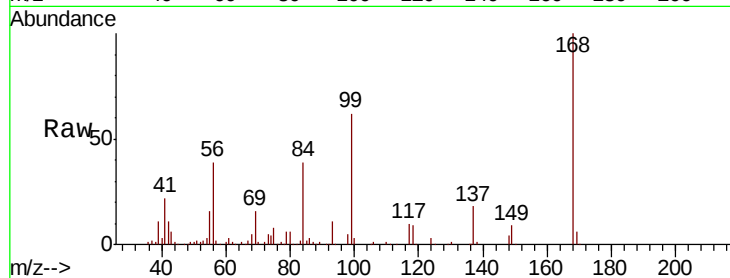
Tgt Ion: 56 Resp: 49701

Ion Ratio Lower Upper

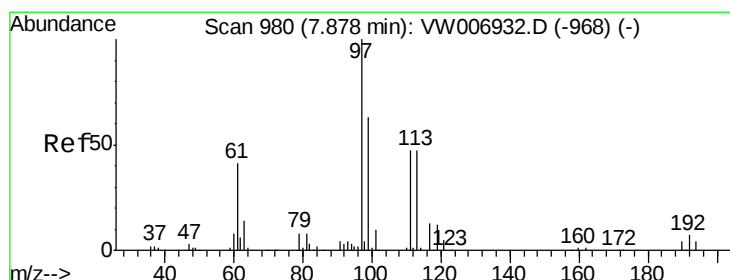
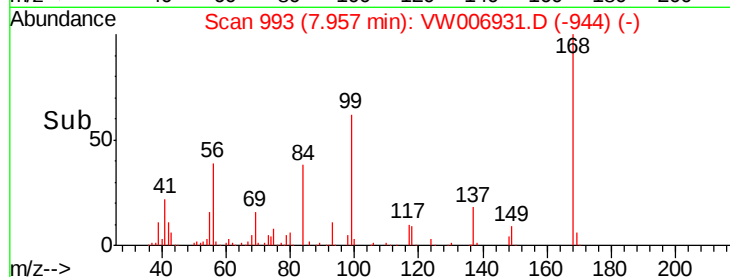
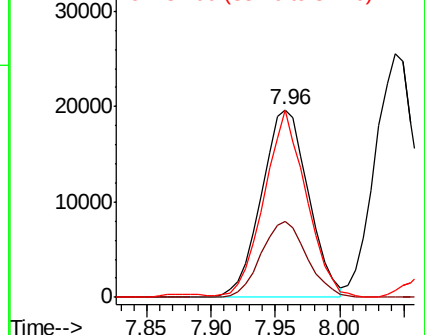
56 100

69 40.2 30.2 45.2

84 98.8 73.6 110.4



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: 26.462 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

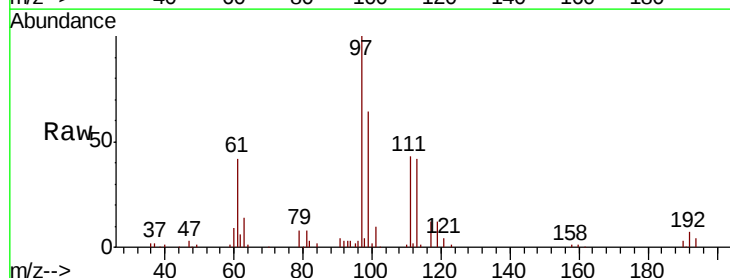
Tgt Ion: 97 Resp: 45359

Ion Ratio Lower Upper

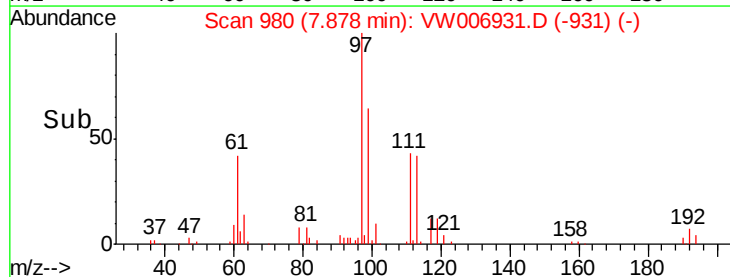
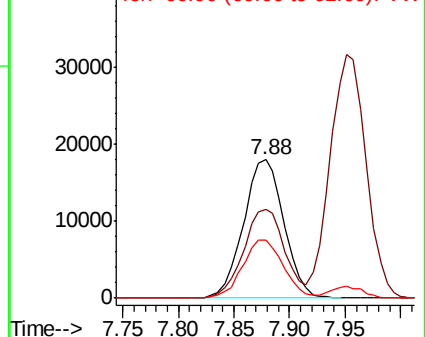
97 100

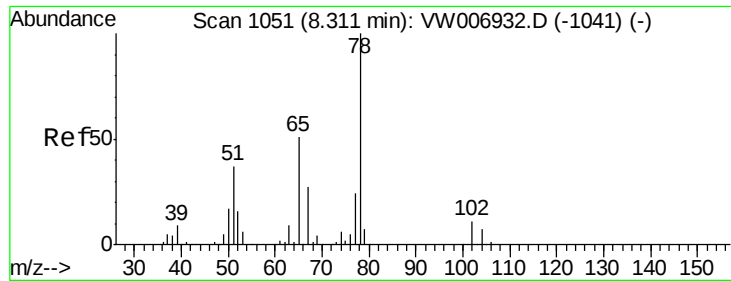
99 65.7 51.0 76.6

61 42.8 34.2 51.2



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

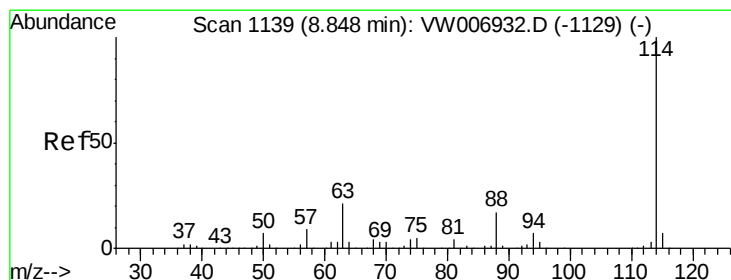
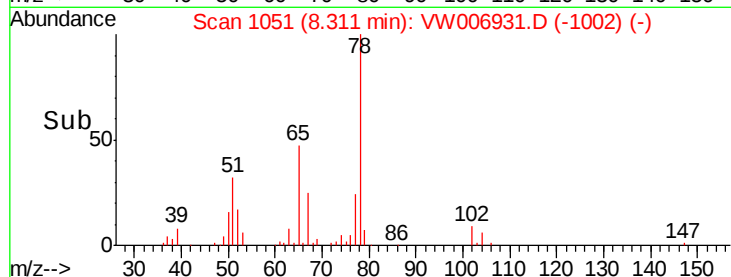
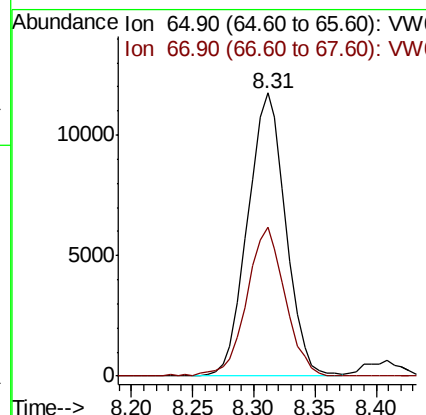
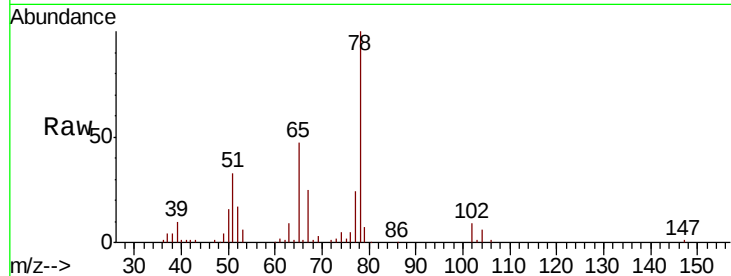




#33
 1,2-Dichloroethane-d4
 Concen: 27.574 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

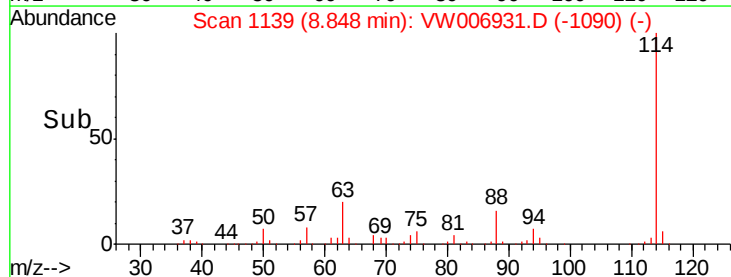
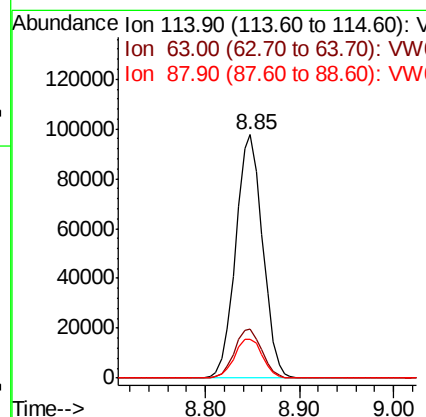
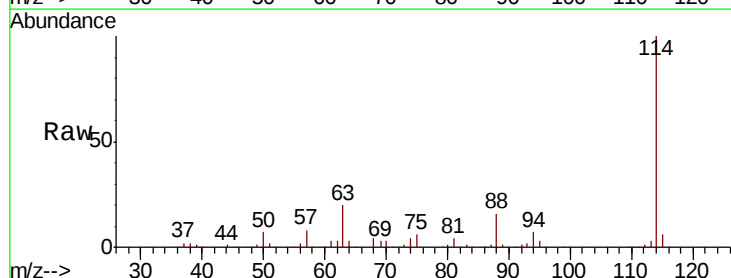
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

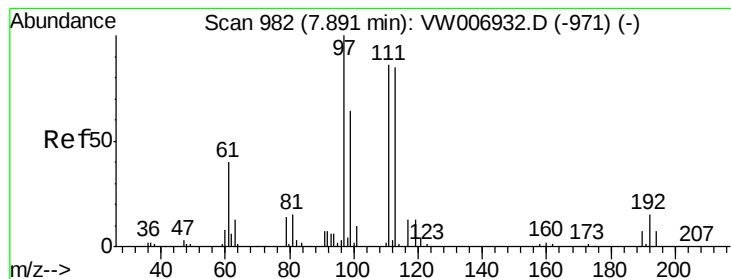
Tgt Ion: 65 Resp: 25370
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 114 Resp: 193219
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 18.966 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

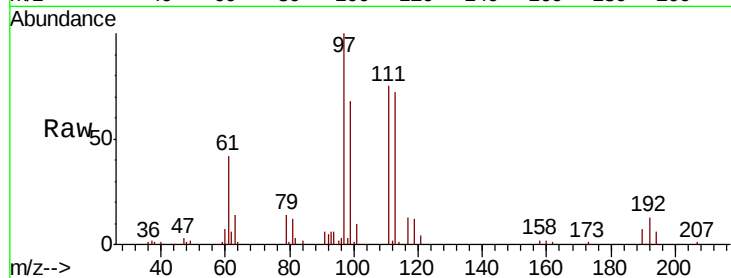
Tgt Ion:113 Resp: 22101

Ion Ratio Lower Upper

113 100

111 104.5 81.7 122.5

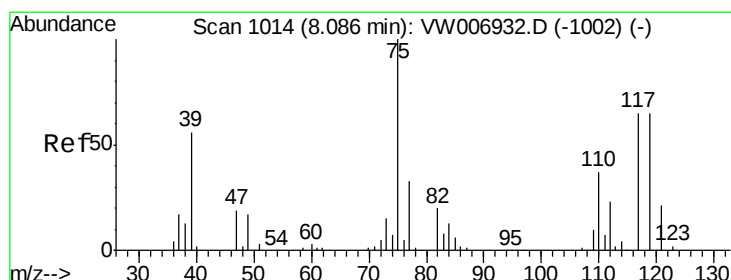
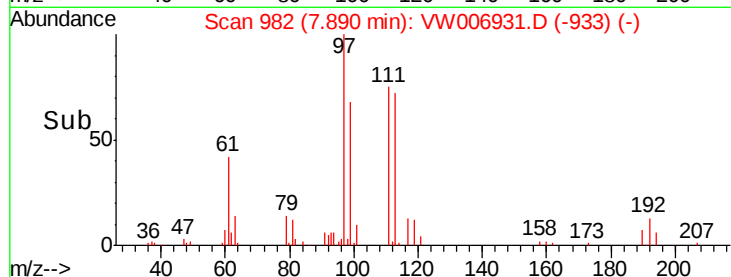
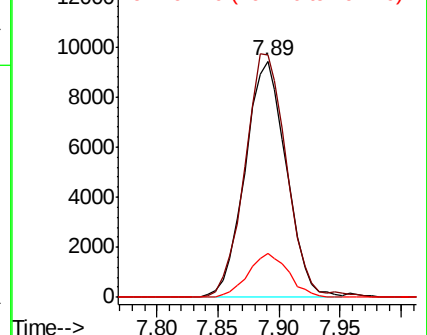
192 18.0 13.9 20.9



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: 22.834 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

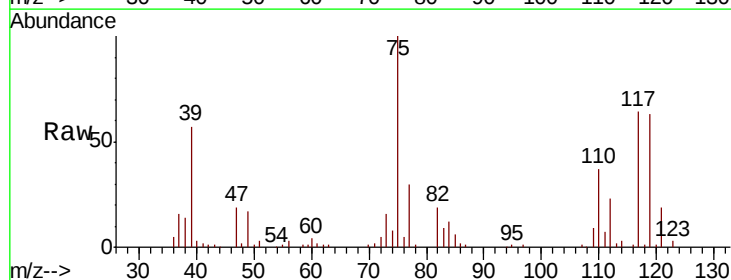
Tgt Ion: 75 Resp: 41336

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

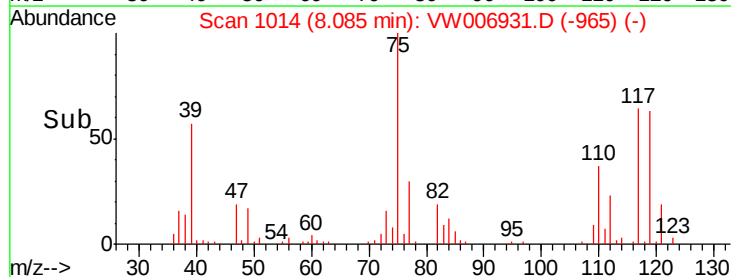
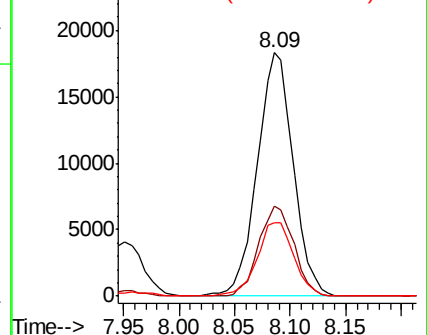
77 30.7 25.4 38.0

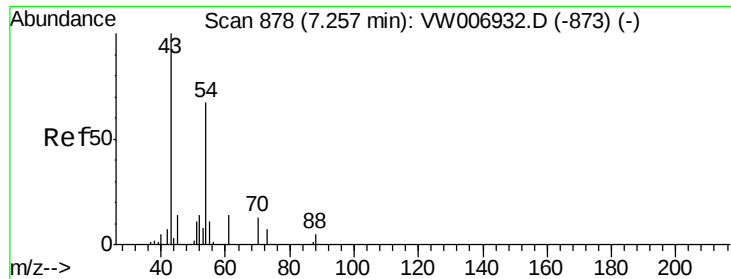


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

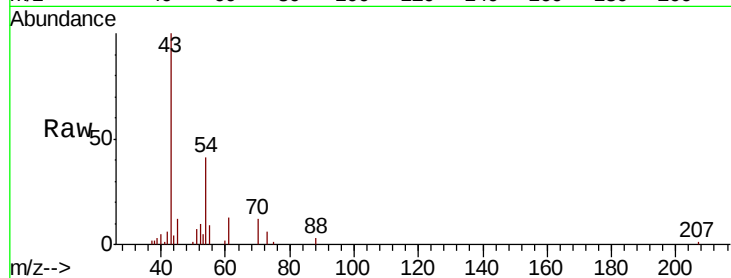




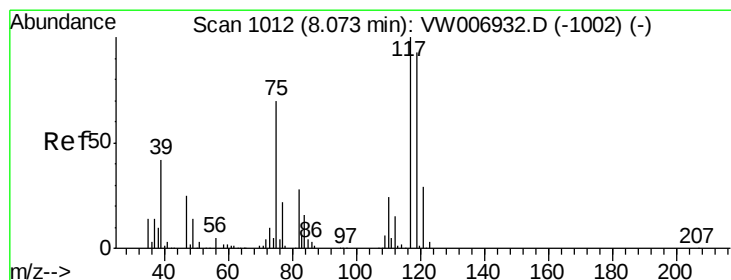
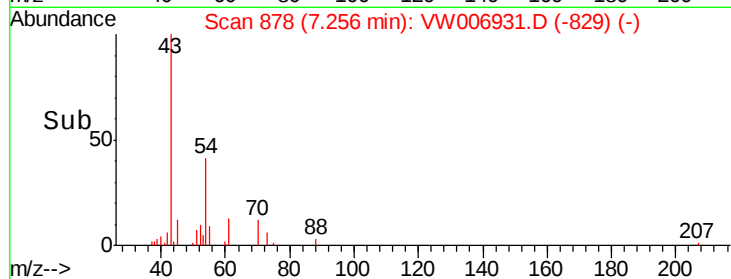
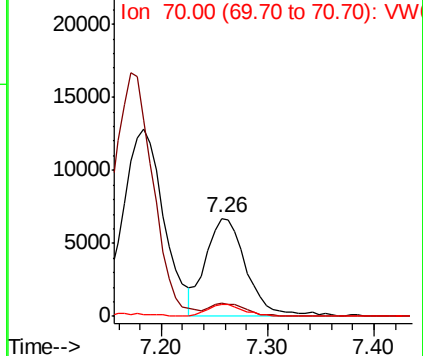
#37
Ethyl Acetate
Concen: 28.772 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 17791
Ion Ratio Lower Upper
43 100
61 11.5 11.0 16.6
70 10.6 8.8 13.2

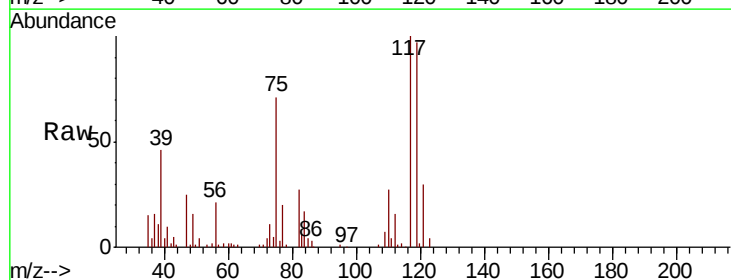


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

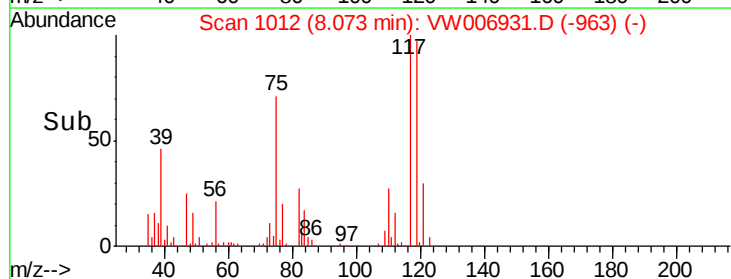
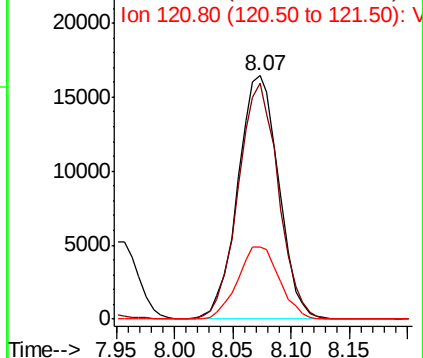


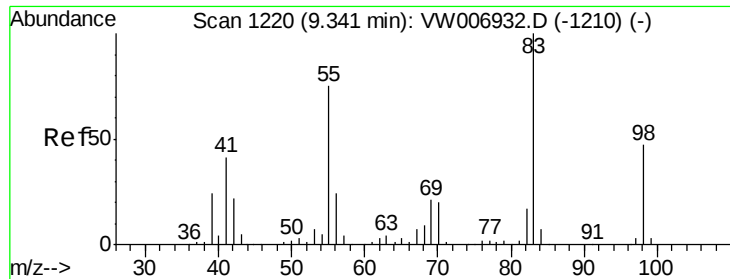
#38
Carbon Tetrachloride
Concen: 20.757 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 117 Resp: 40150
Ion Ratio Lower Upper
117 100
119 97.0 74.2 111.4
121 29.7 23.5 35.3



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

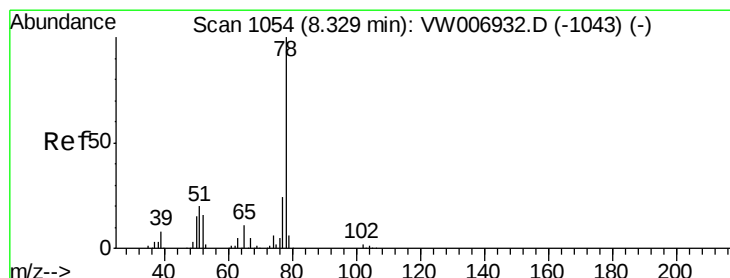
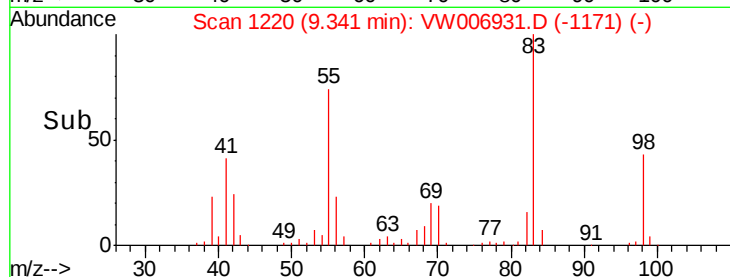
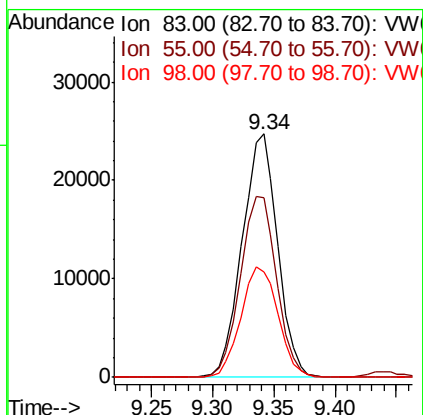
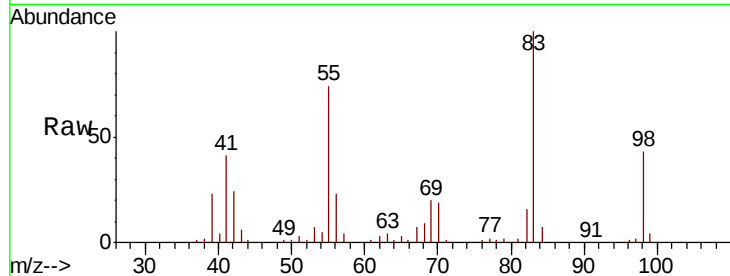




#39
Methylcyclohexane
Concen: 21.431 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

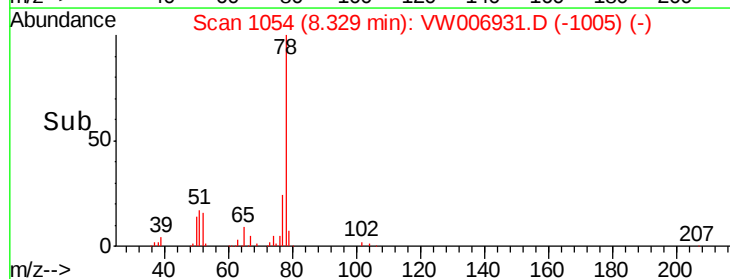
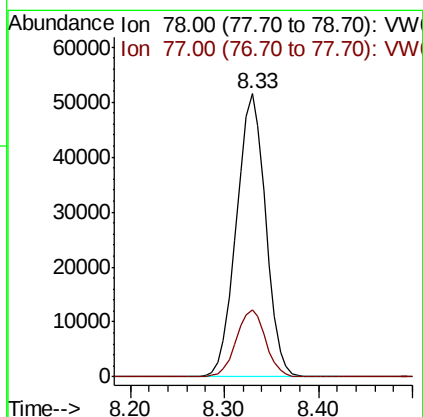
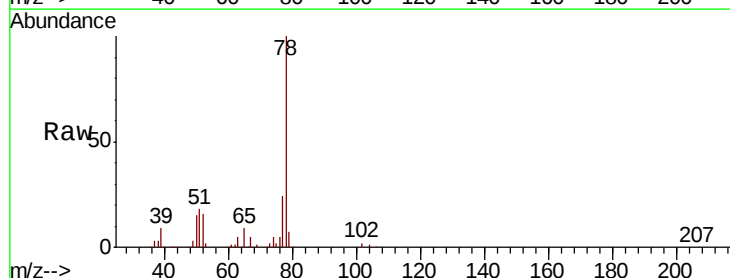
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

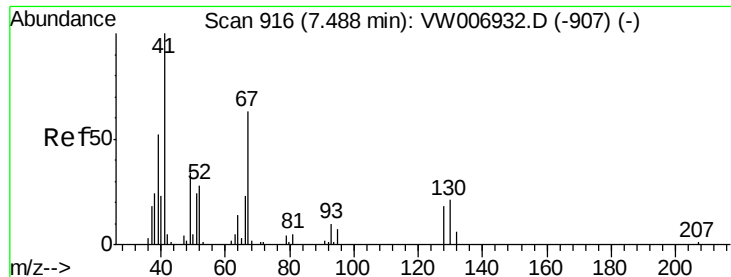
Tgt Ion: 83 Resp: 49743
Ion Ratio Lower Upper
83 100
55 73.8 60.2 90.4
98 43.2 37.3 55.9



#40
Benzene
Concen: 22.063 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 78 Resp: 111581
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

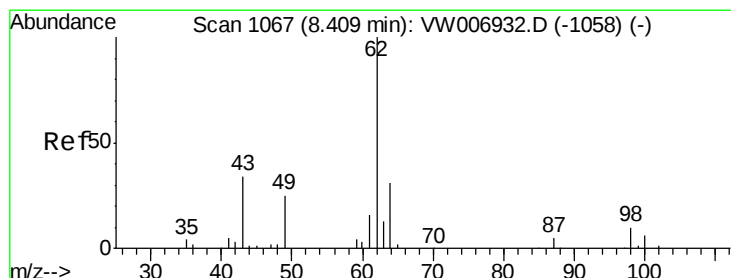
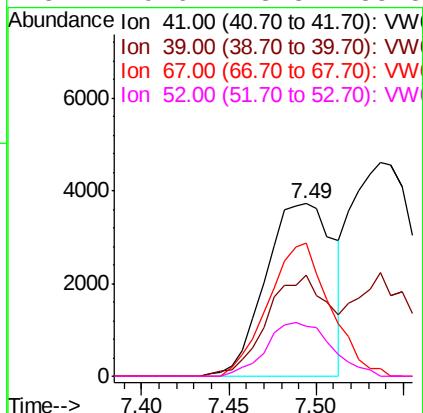
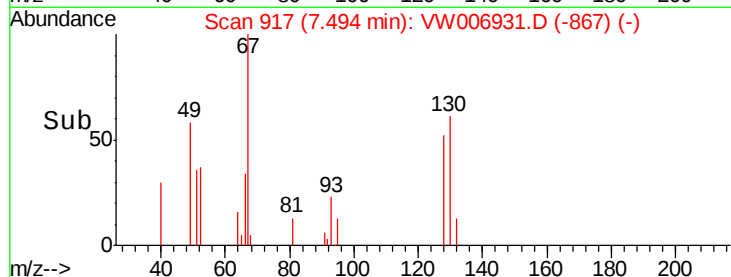
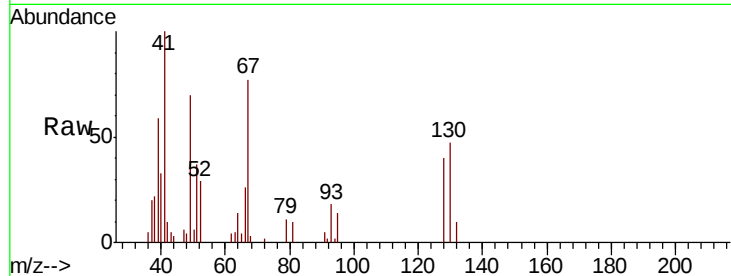




#41
Methacrylonitrile
Concen: 26.420 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

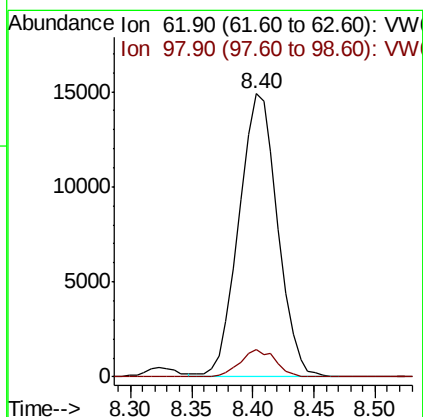
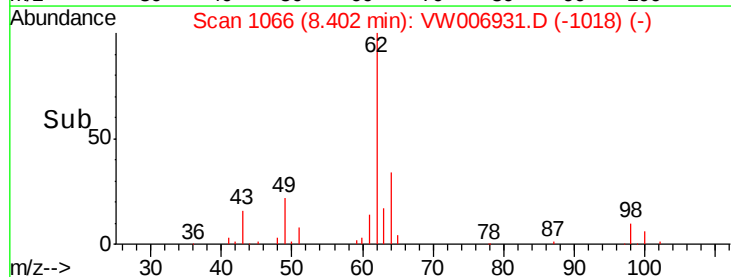
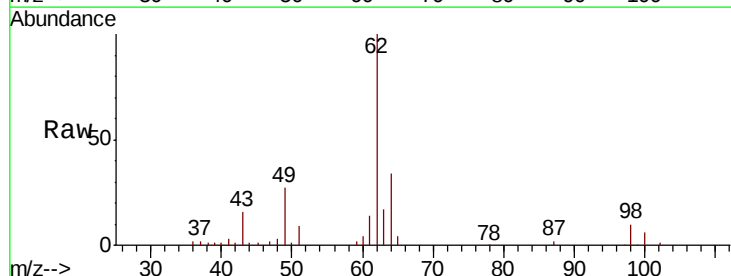
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

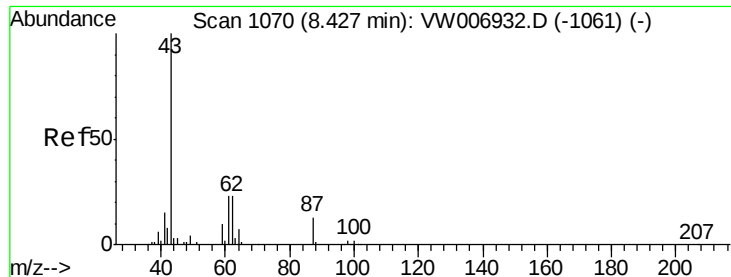
Tgt Ion:	41	Resp:	10079
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.8	62.6
67	70.8	54.7	82.1
52	29.6	23.8	35.8



#42
1,2-Dichloroethane
Concen: 23.845 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:	62	Resp:	32810
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 26.578 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

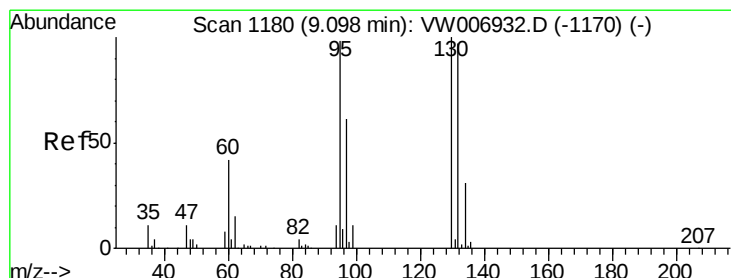
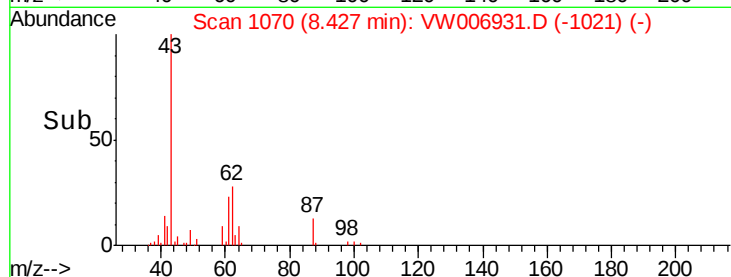
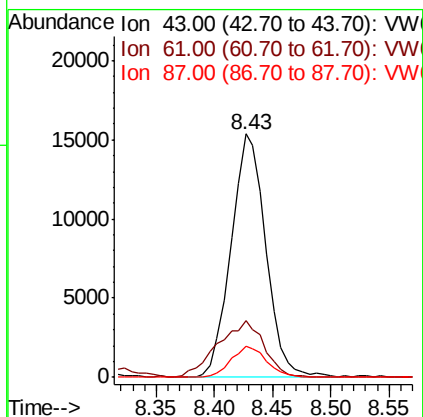
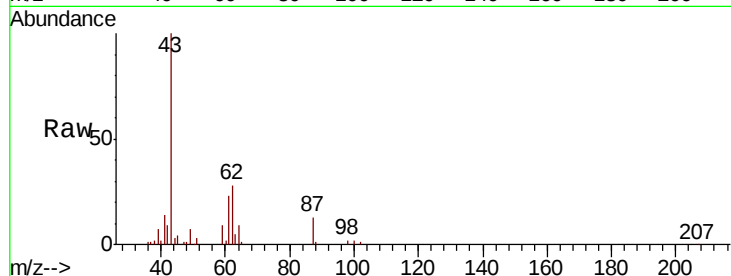
Tgt Ion: 43 Resp: 32011

Ion Ratio Lower Upper

43 100

61 30.6 24.6 37.0

87 13.0 11.0 16.6



#44

Trichloroethene

Concen: 19.641 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006931.D

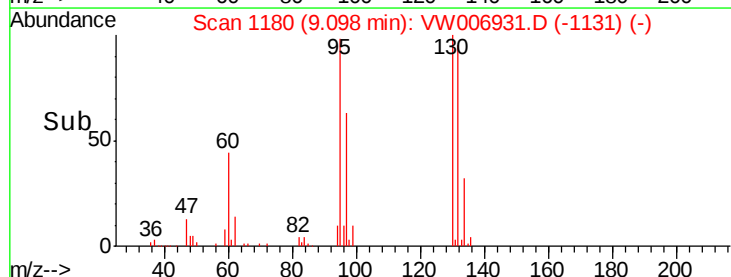
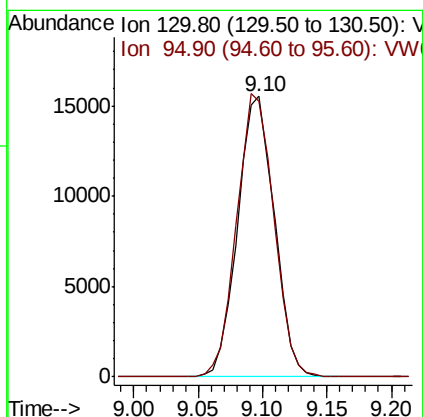
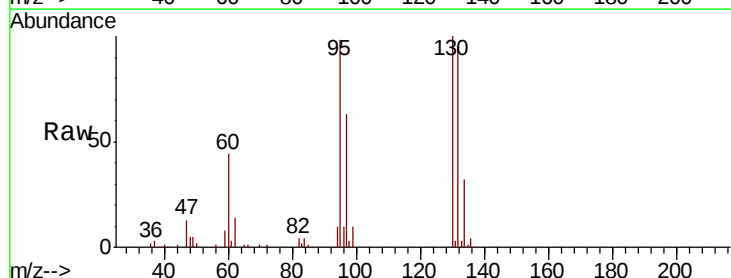
Acq: 16 Nov 2018 23:44

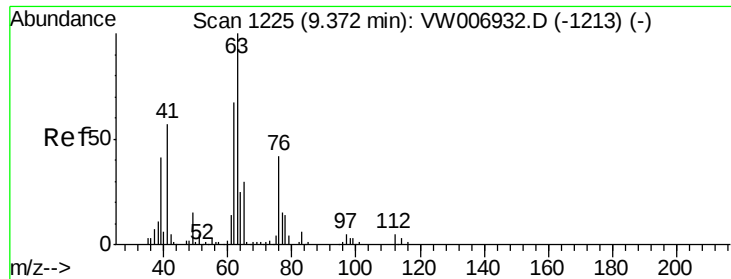
Tgt Ion: 130 Resp: 30601

Ion Ratio Lower Upper

130 100

95 98.4 0.0 196.4





#45

1,2-Dichloropropane

Concen: 24.024 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

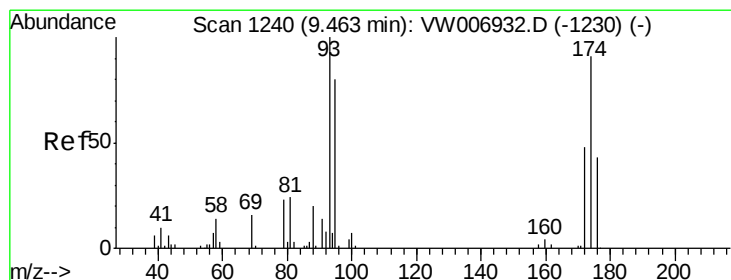
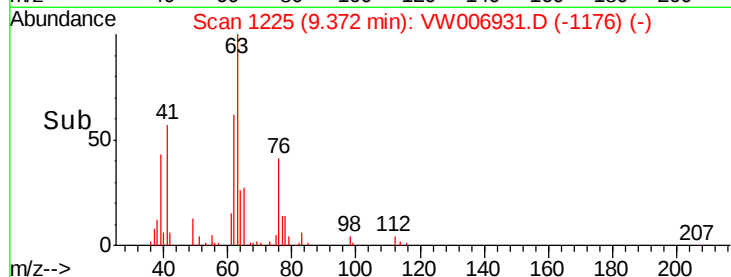
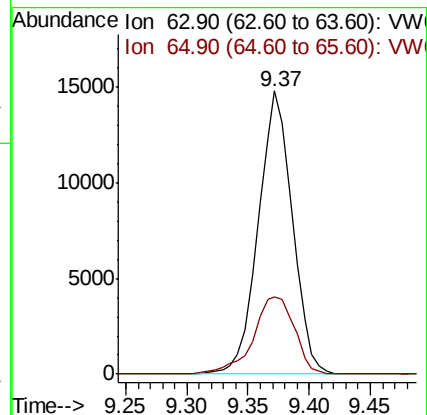
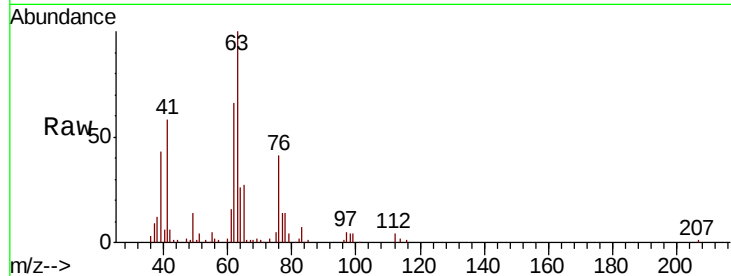
VSTDIC020

Tgt Ion: 63 Resp: 28647

Ion Ratio Lower Upper

63 100

65 27.5 23.9 35.9



#46

Dibromomethane

Concen: 21.335 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

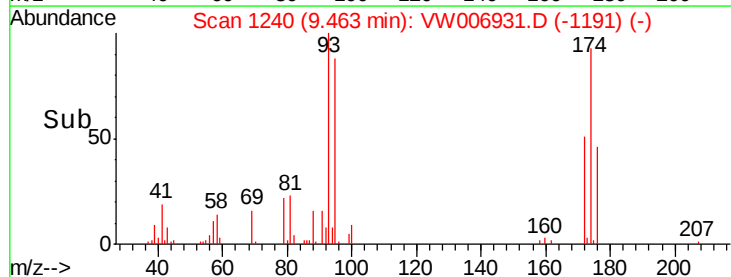
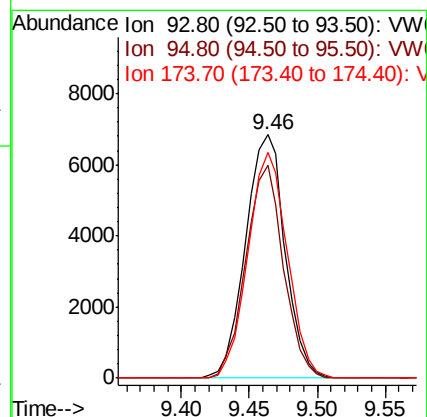
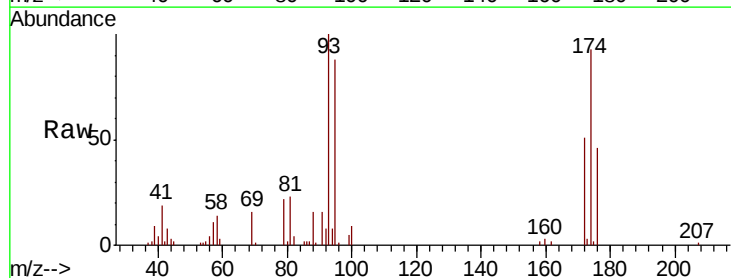
Tgt Ion: 93 Resp: 13951

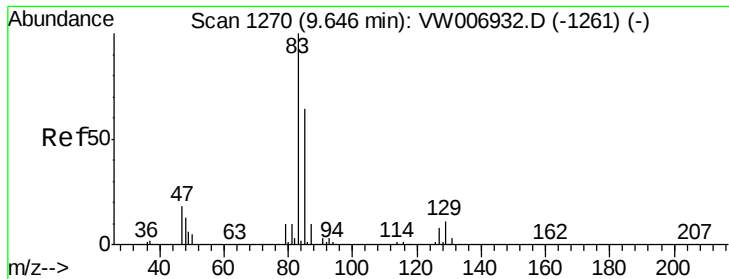
Ion Ratio Lower Upper

93 100

95 83.1 65.7 98.5

174 92.4 75.0 112.4





#47

Bromodichloromethane

Concen: 23.013 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

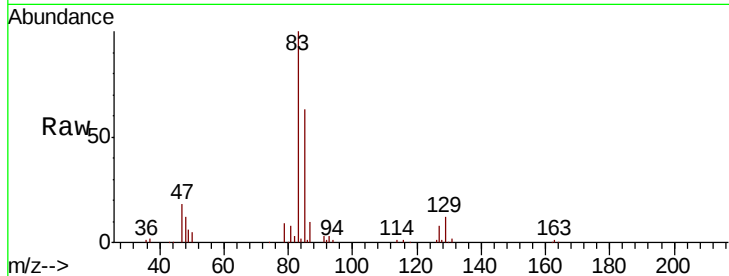
Tgt Ion: 83 Resp: 37625

Ion Ratio Lower Upper

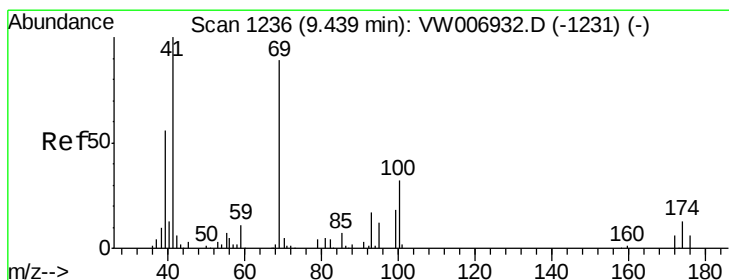
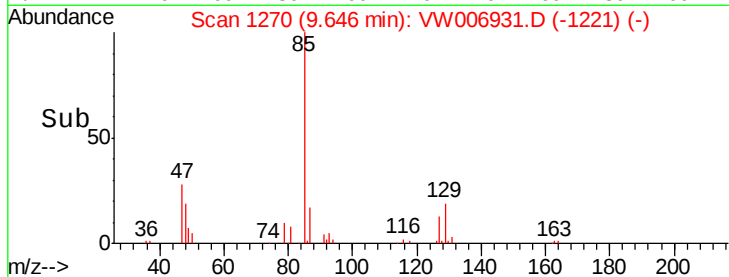
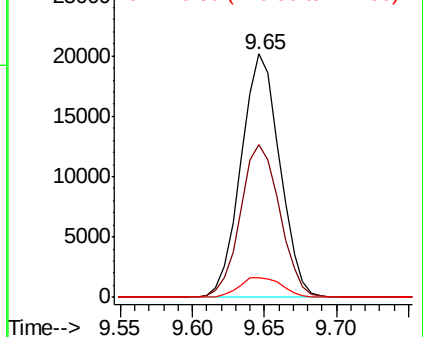
83 100

85 62.7 50.8 76.2

127 8.0 6.6 10.0



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



#48

Methyl methacrylate

Concen: 25.448 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

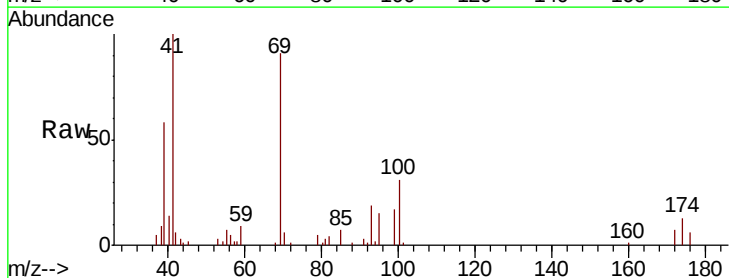
Tgt Ion: 41 Resp: 14910

Ion Ratio Lower Upper

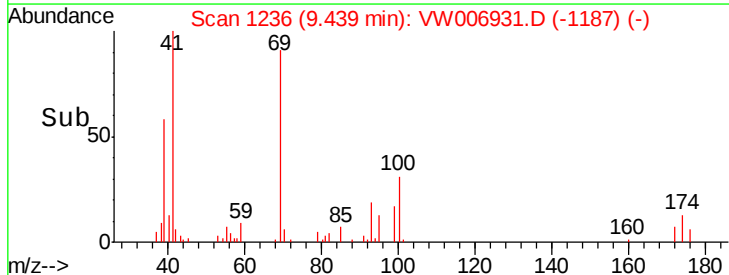
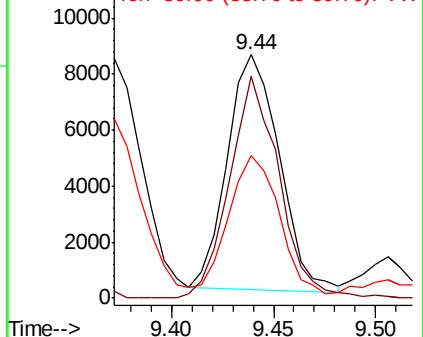
41 100

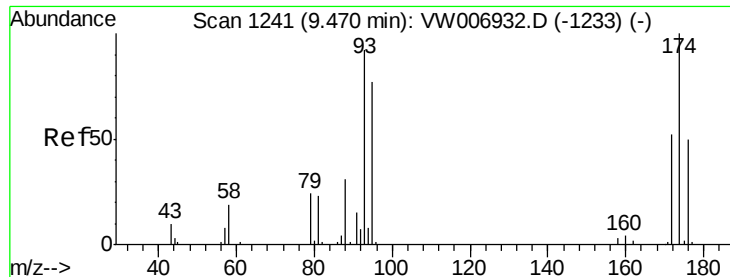
69 89.5 73.4 110.0

39 60.7 46.1 69.1



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

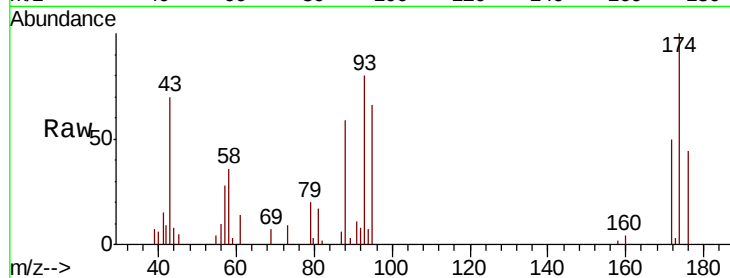




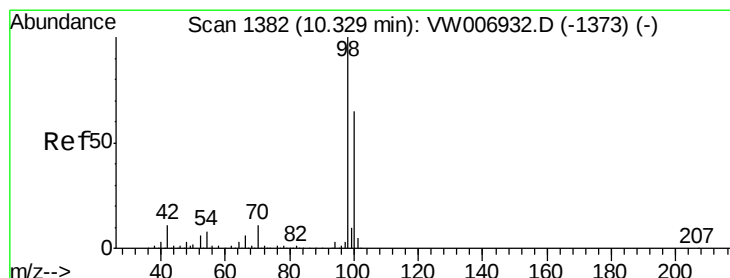
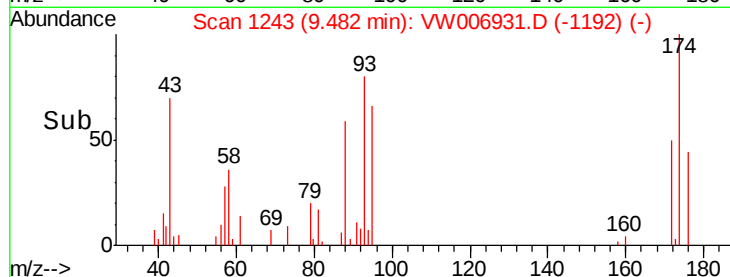
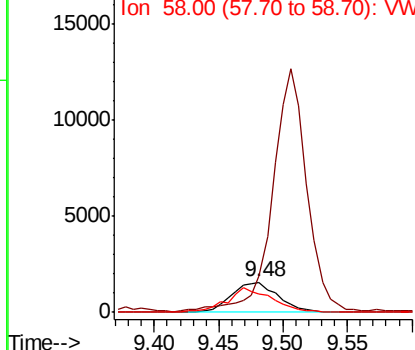
#49
1,4-Dioxane
Concen: 397.130 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 3940
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.9 57.4 86.2

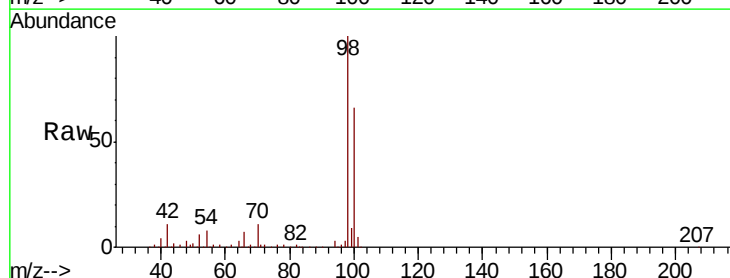


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

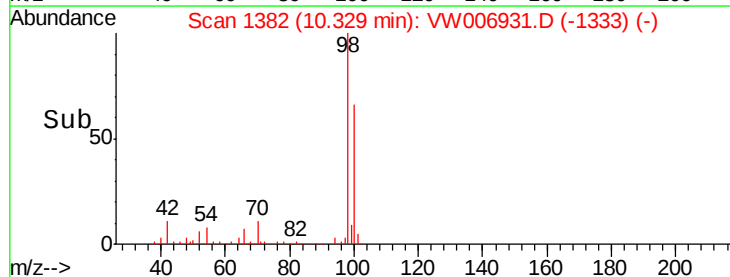
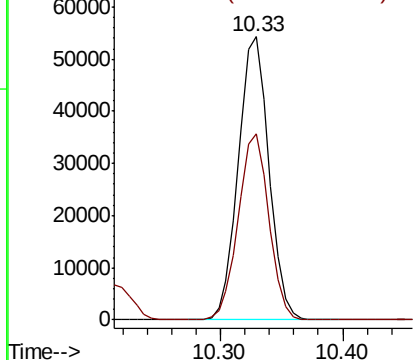


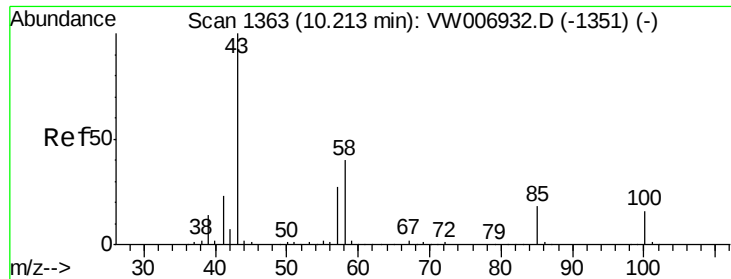
#50
Toluene-d8
Concen: 19.418 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 98 Resp: 94330
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



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

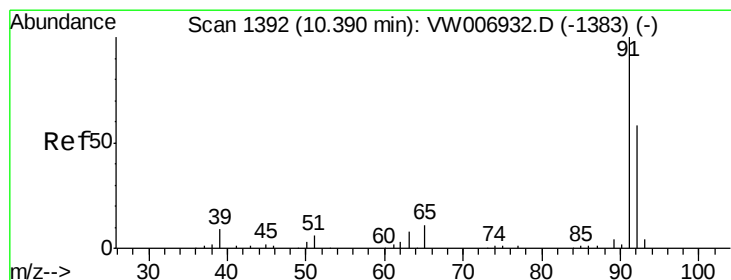
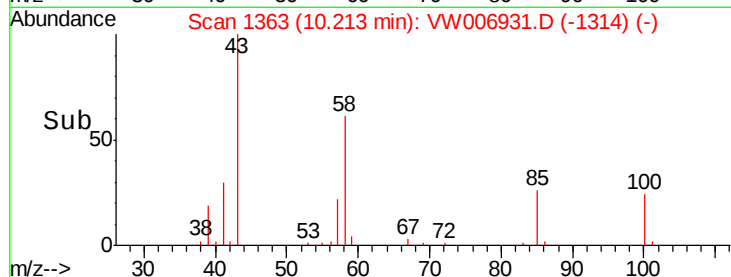
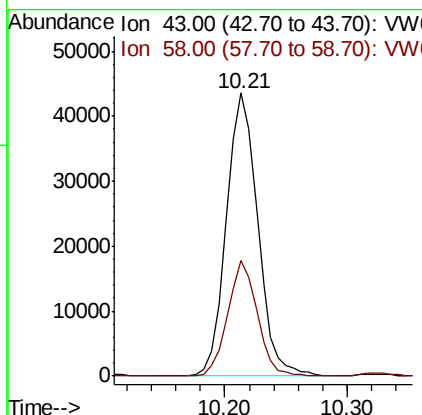
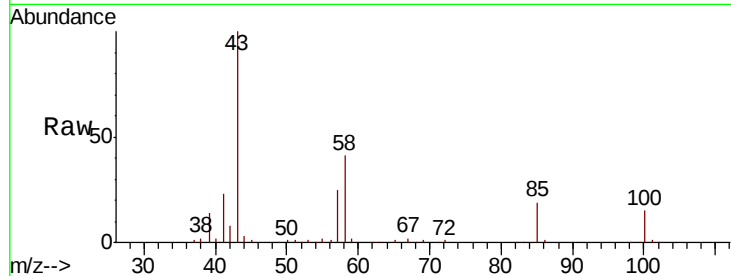




#51
 4-Methyl-2-Pentanone
 Concen: 127.904 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

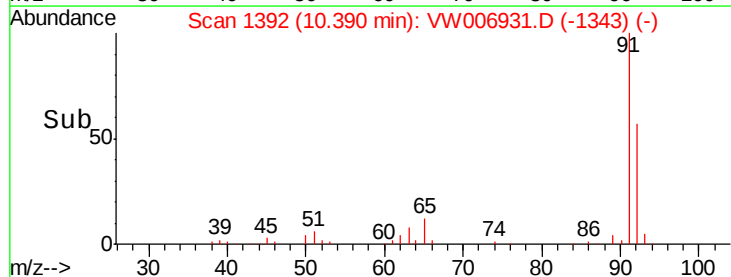
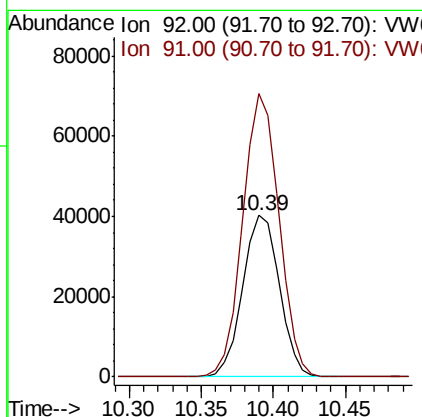
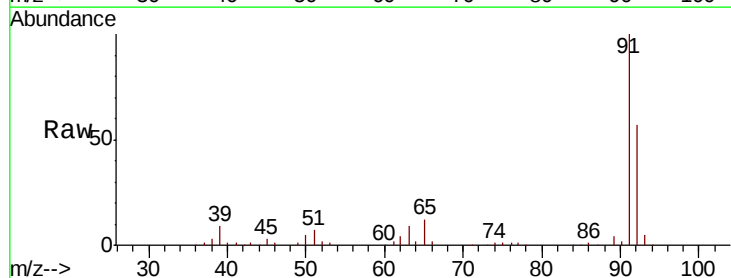
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

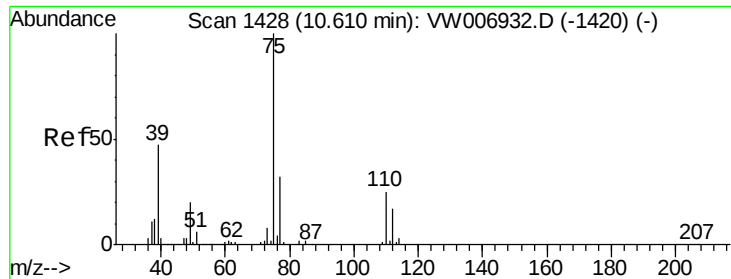
Tgt Ion: 43 Resp: 76969
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.0 46.4



#52
 Toluene
 Concen: 20.016 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 92 Resp: 71026
 Ion Ratio Lower Upper
 92 100
 91 173.2 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.712 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampled :

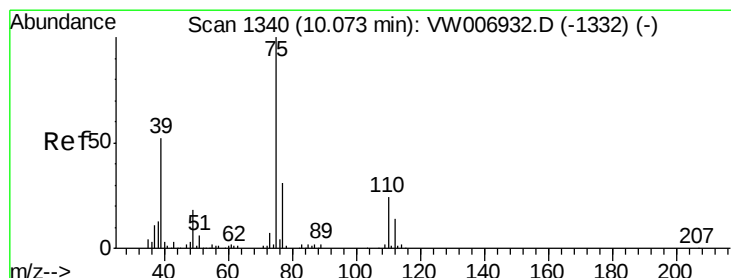
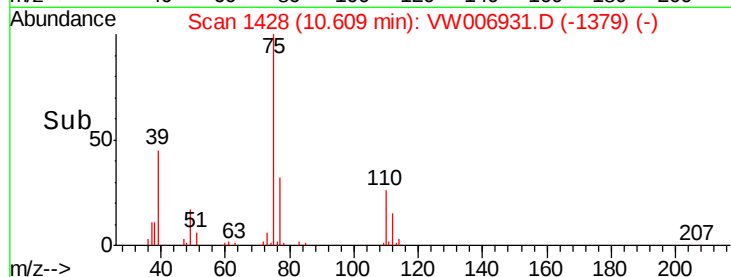
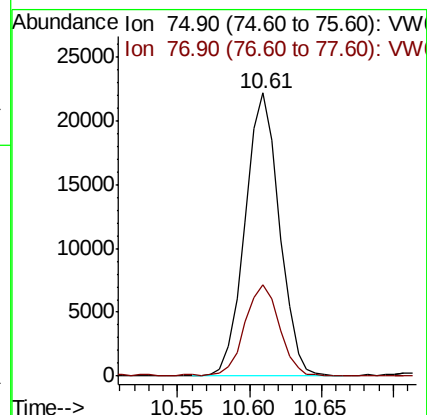
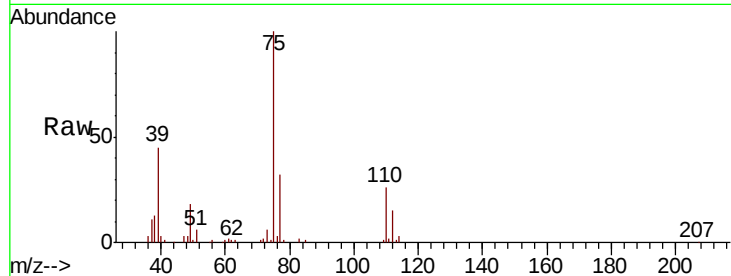
VSTDIC020

Tgt Ion: 75 Resp: 36570

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 23.183 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

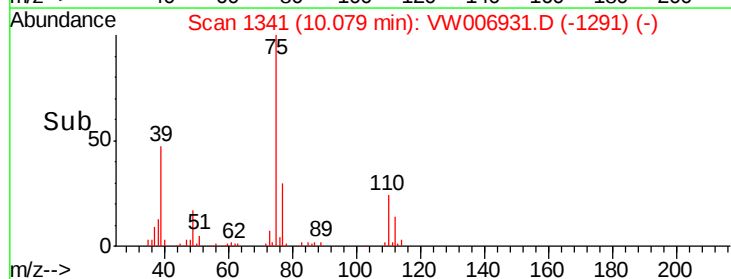
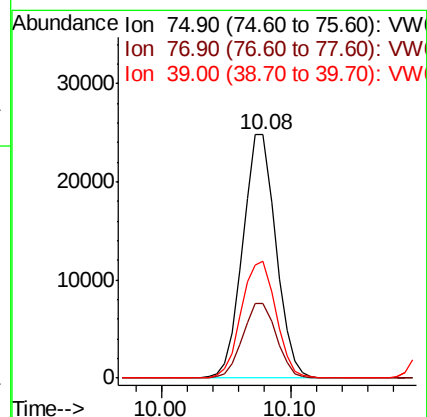
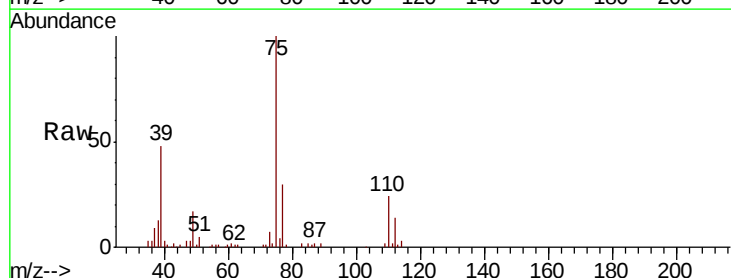
Tgt Ion: 75 Resp: 44297

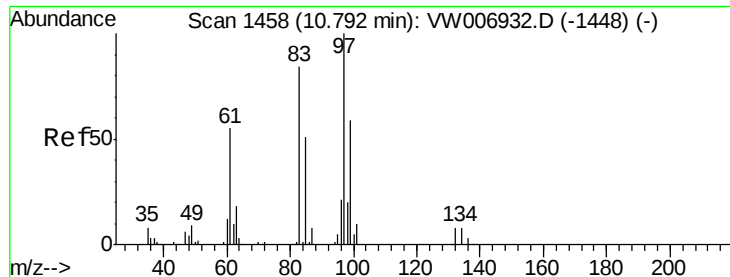
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 48.2 41.4 62.2

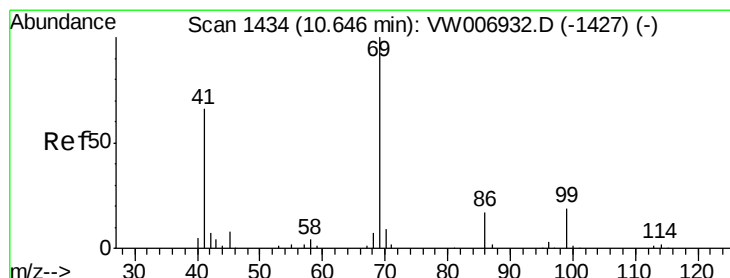
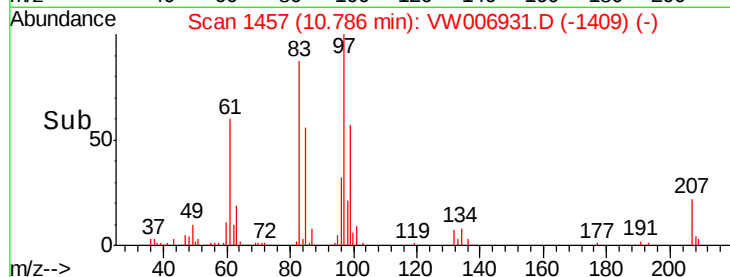
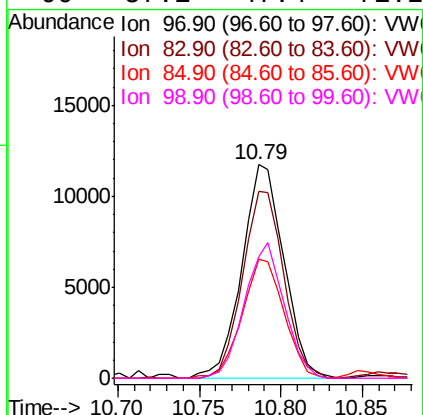
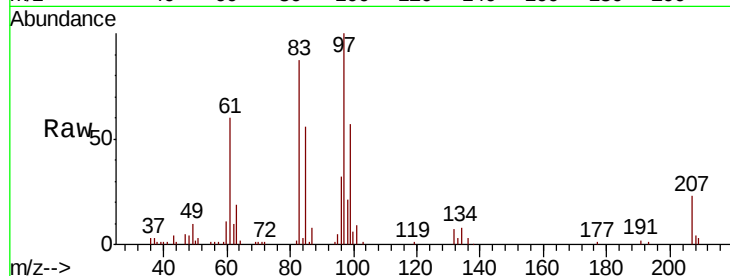




#55
 1,1,2-Trichloroethane
 Concen: 21.717 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

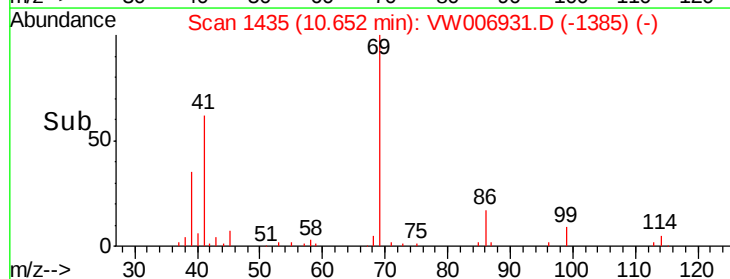
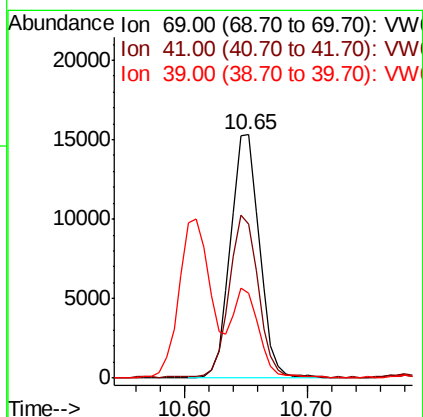
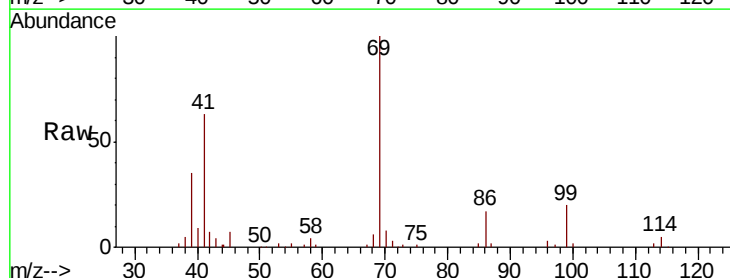
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

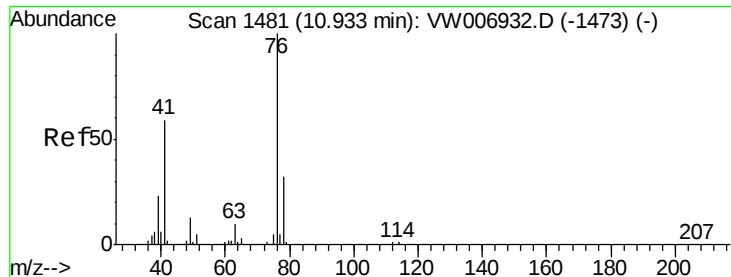
Tgt Ion:	97	Resp:	21079
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.5	101.3
85	55.7	41.0	61.6
99	57.1	47.4	71.2



#56
 Ethyl methacrylate
 Concen: 23.151 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion:	69	Resp:	25093
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.8	80.6
39	32.5	29.0	43.6

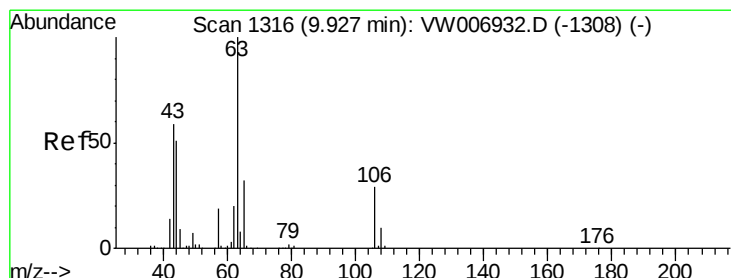
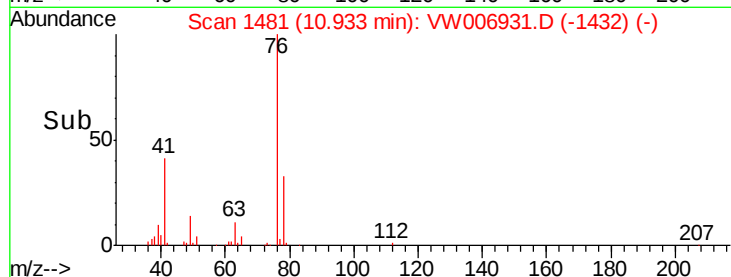
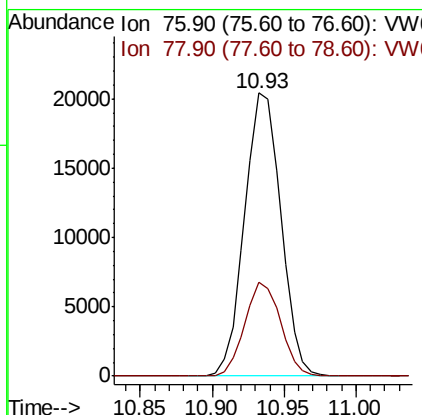
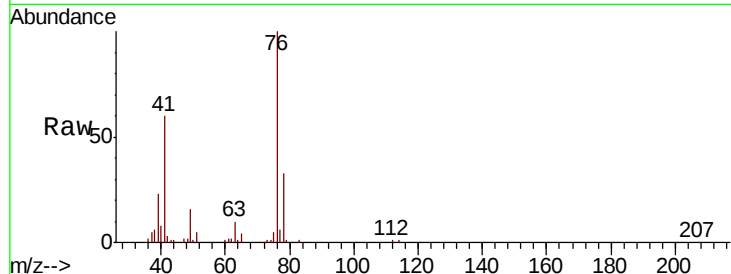




#57
 1,3-Dichloropropane
 Concen: 22.943 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

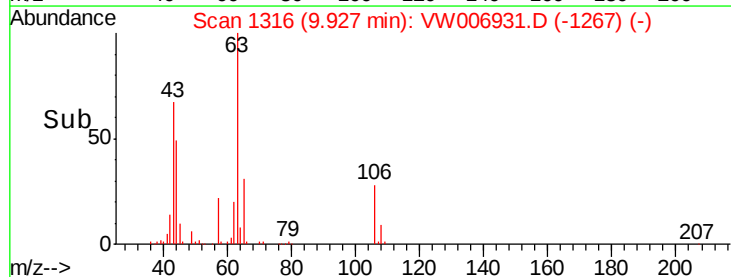
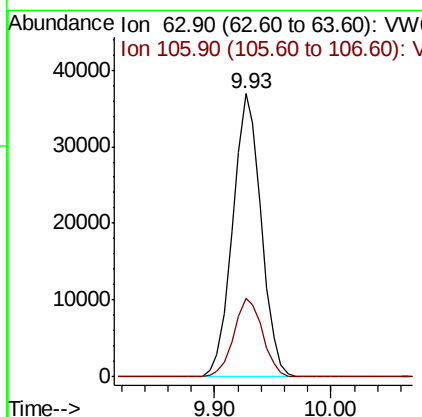
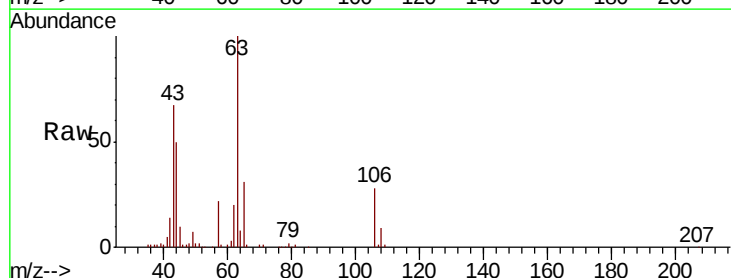
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

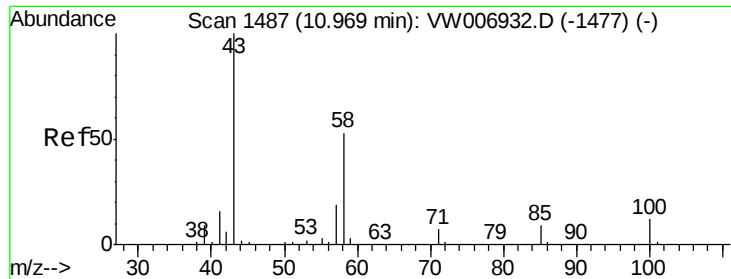
Tgt Ion: 76 Resp: 35634
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.664 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 63 Resp: 62827
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8

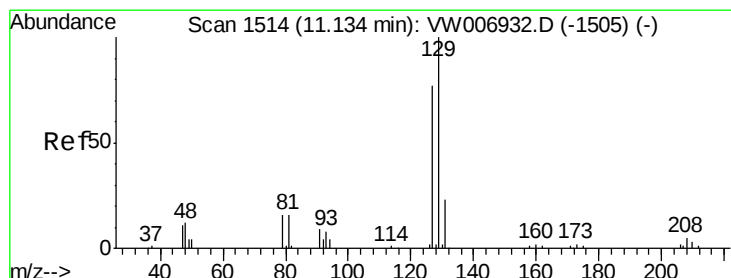
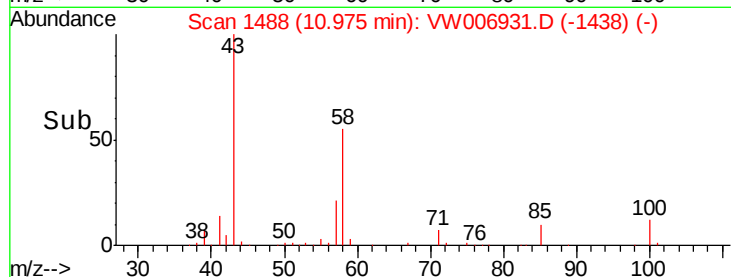
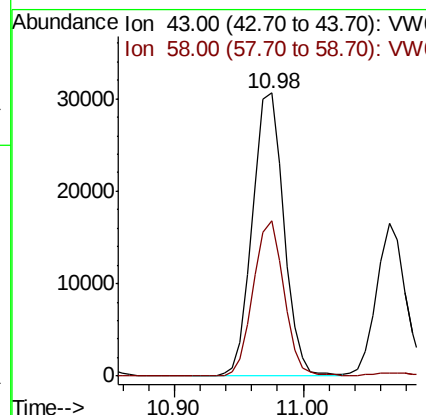
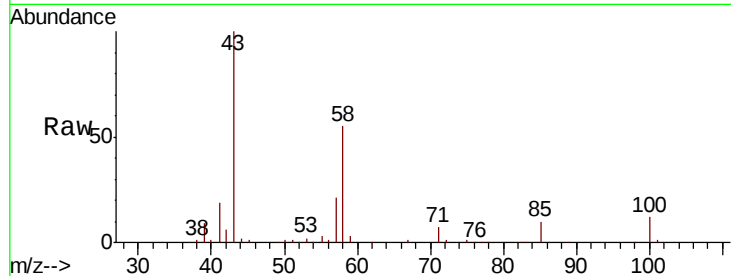




#59
2-Hexanone
Concen: 125.101 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

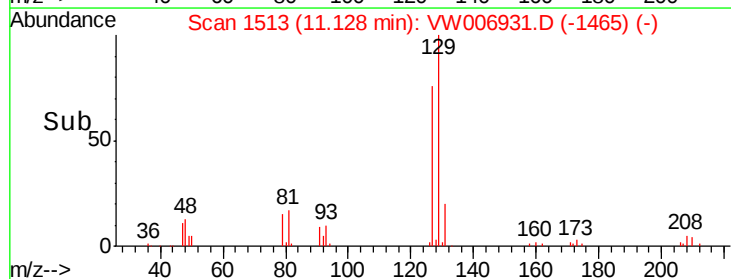
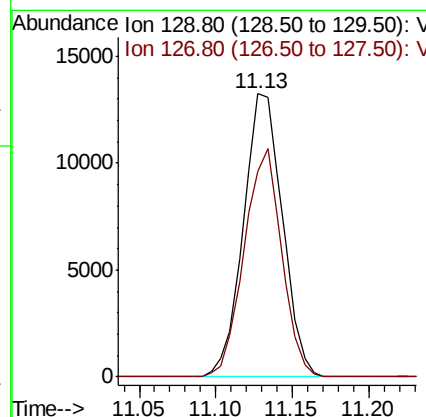
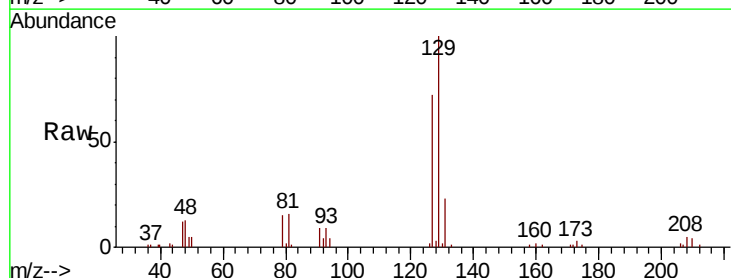
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

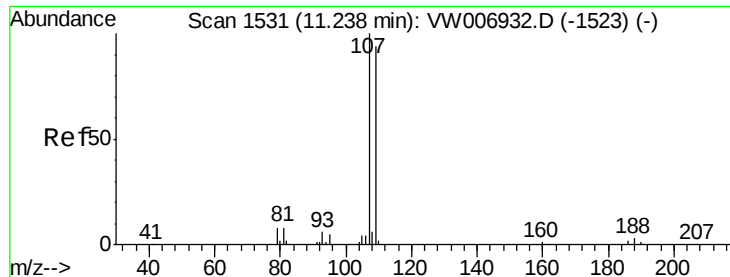
Tgt Ion: 43 Resp: 51637
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.4



#60
Dibromochloromethane
Concen: 20.069 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 129 Resp: 23564
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

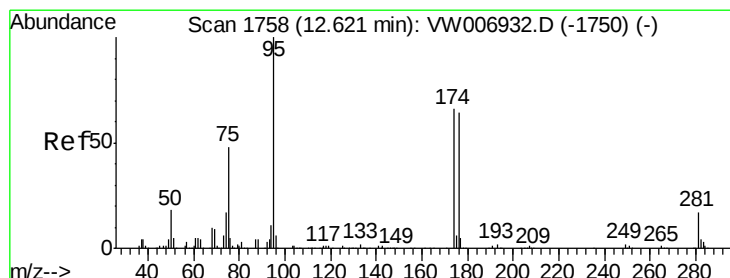
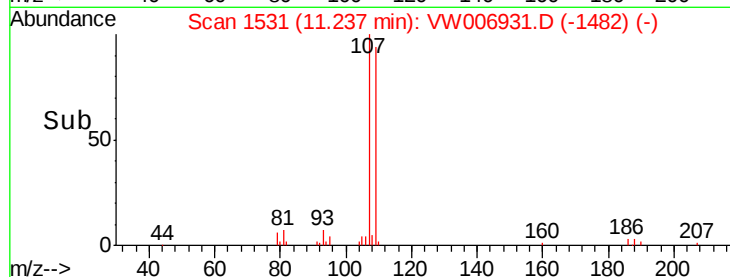
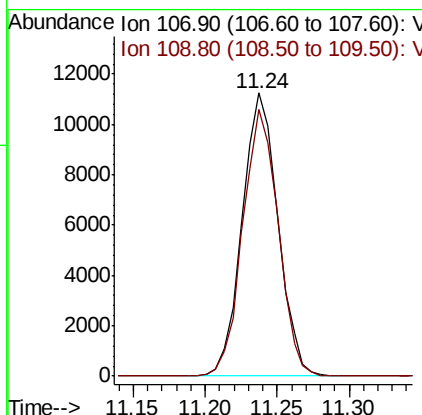
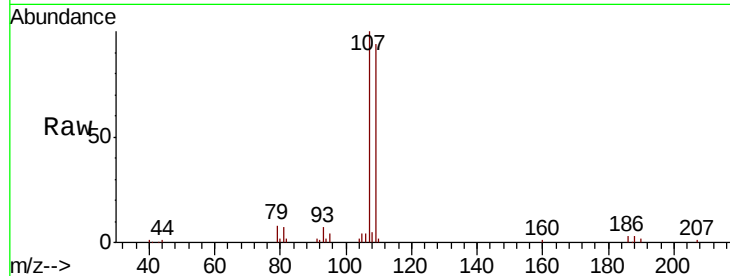




#61
 1,2-Dibromoethane
 Concen: 21.063 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

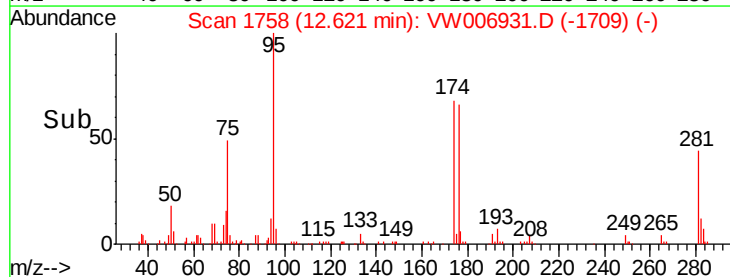
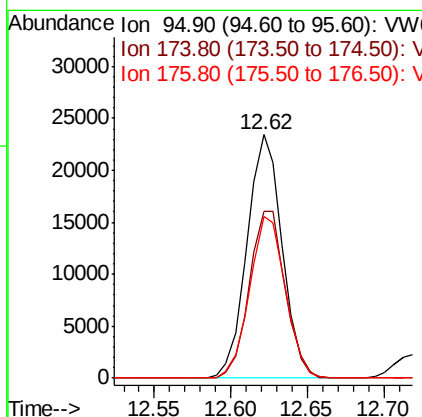
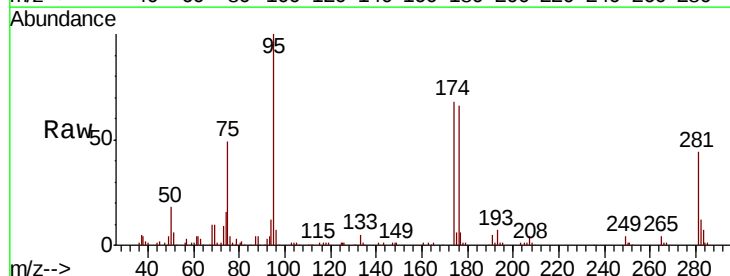
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

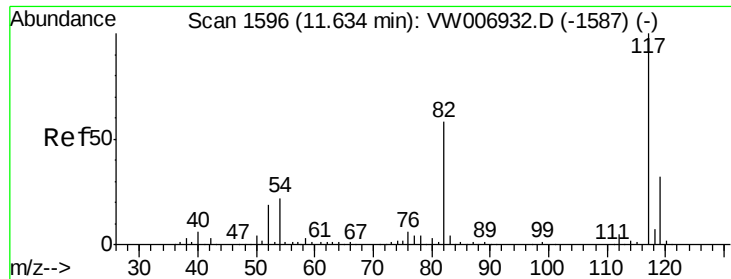
Tgt Ion: 107 Resp: 19326
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 20.649 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 95 Resp: 37309
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 138.4
 176 67.8 0.0 133.4

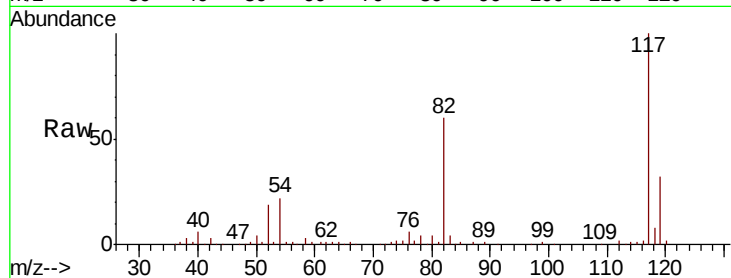




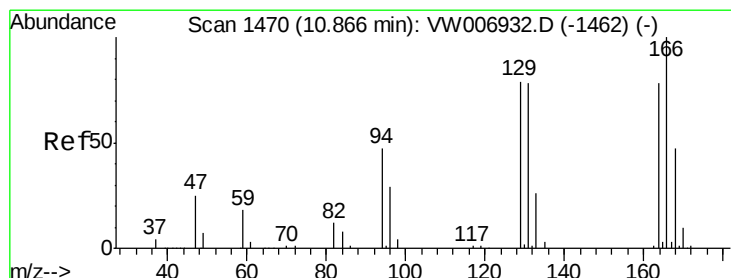
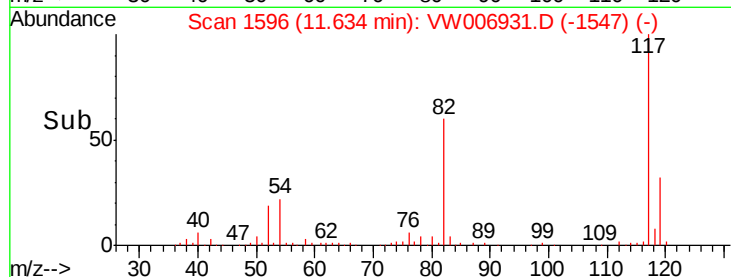
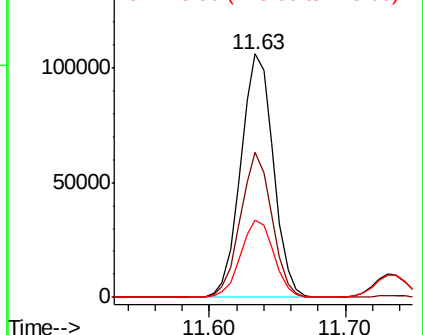
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 177367
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.2
119 31.5 25.5 38.3

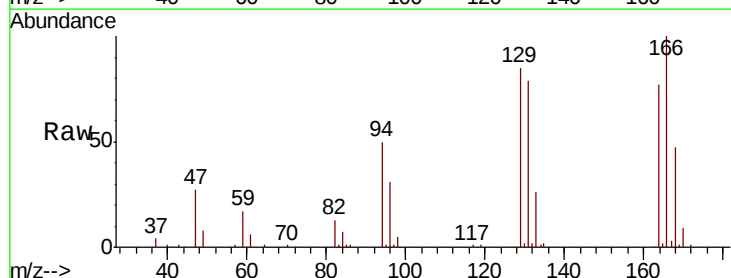


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

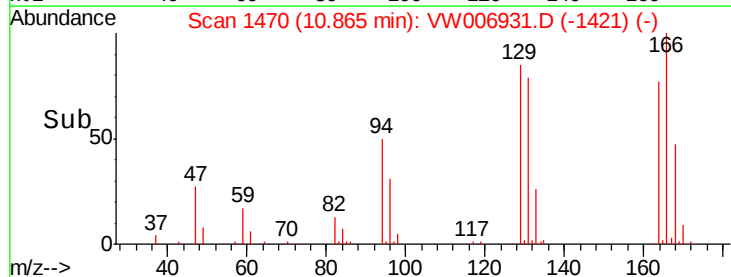
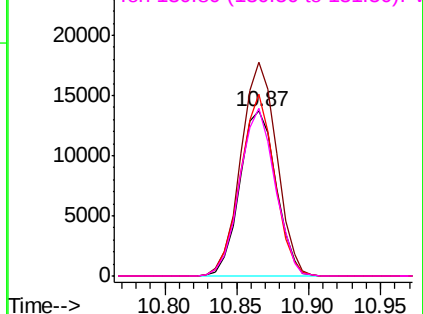


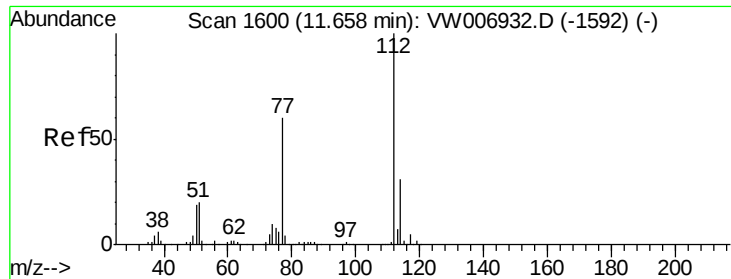
#64
Tetrachloroethene
Concen: 17.468 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:164 Resp: 23957
Ion Ratio Lower Upper
164 100
166 129.7 102.6 154.0
129 110.6 81.0 121.4
131 101.8 80.2 120.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

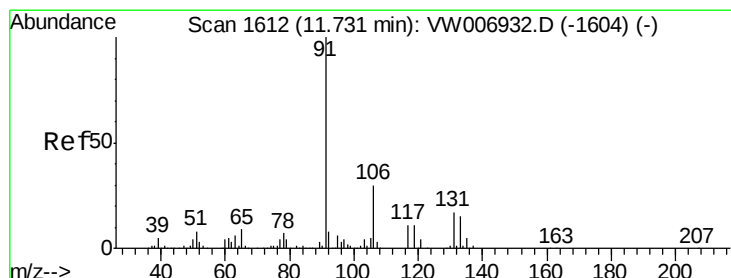
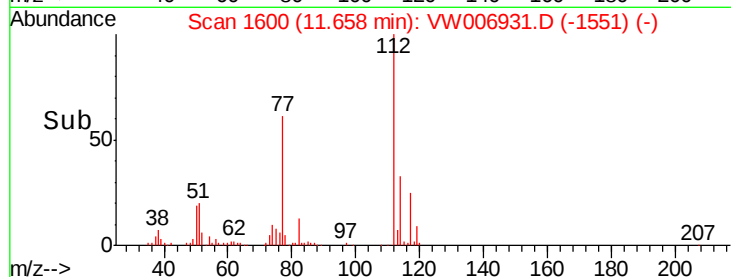
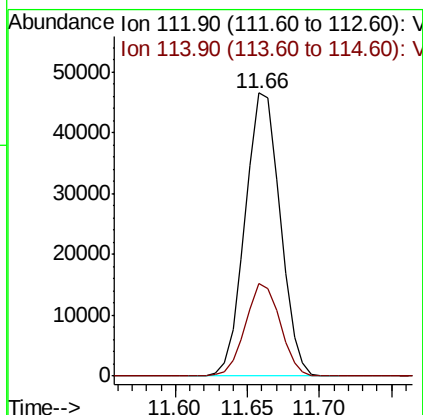
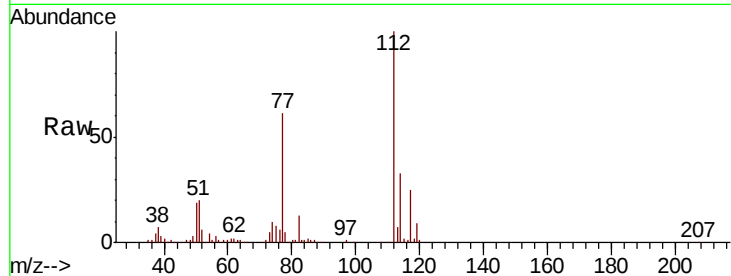




#65
Chlorobenzene
Concen: 20.114 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

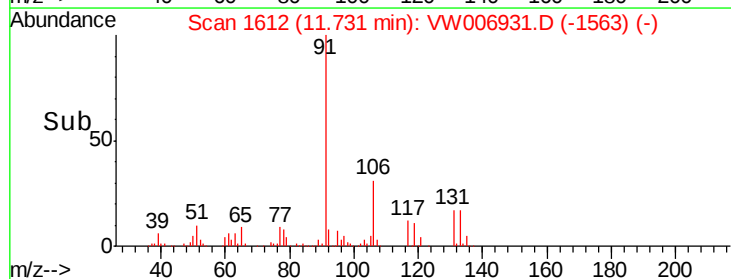
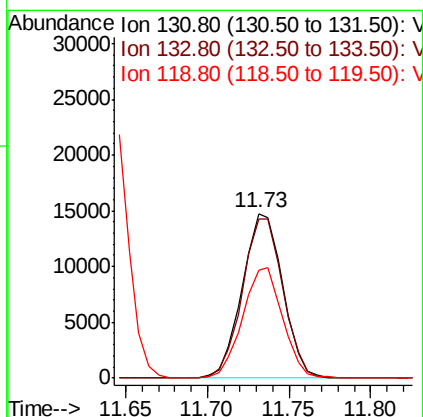
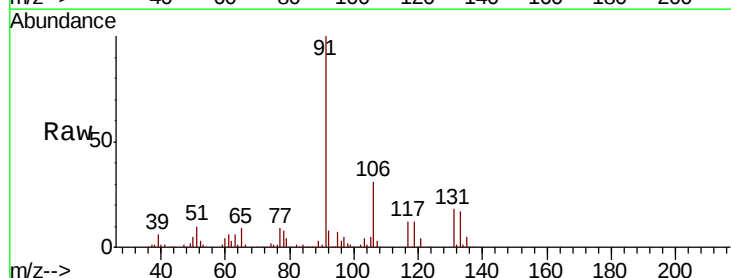
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

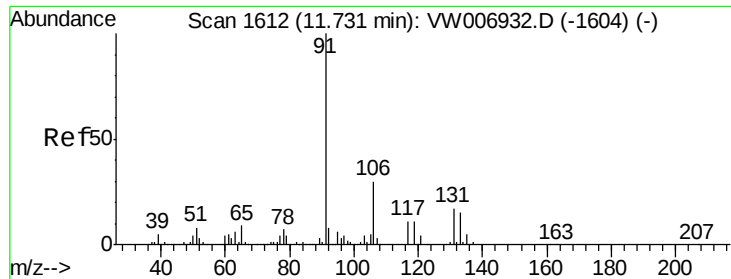
Tgt Ion:112 Resp: 78557
Ion Ratio Lower Upper
112 100
114 32.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.183 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:131 Resp: 25507
Ion Ratio Lower Upper
131 100
133 97.3 47.2 141.6
119 66.4 32.5 97.4

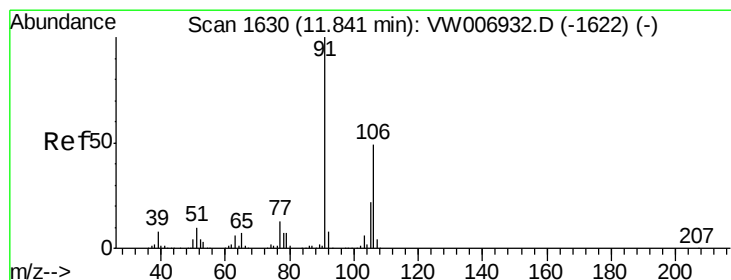
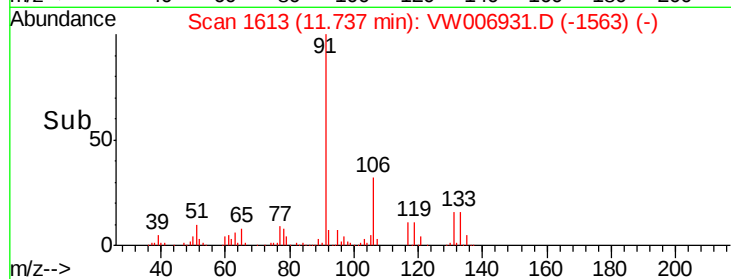
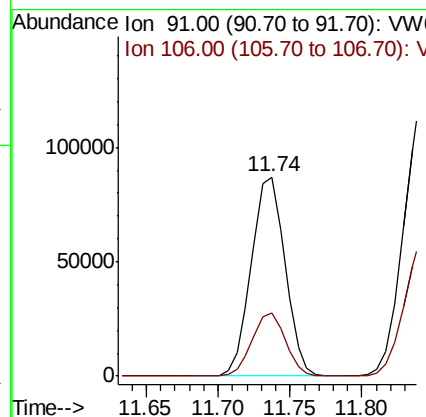
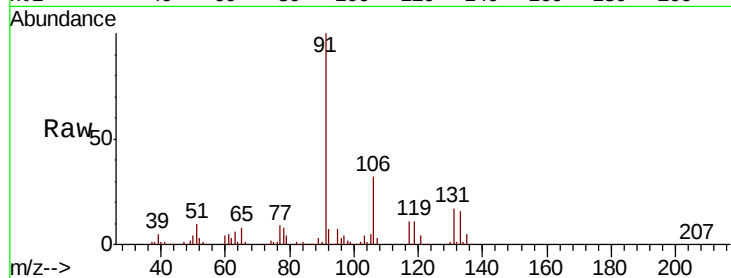




#67
Ethyl Benzene
Concen: 21.100 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

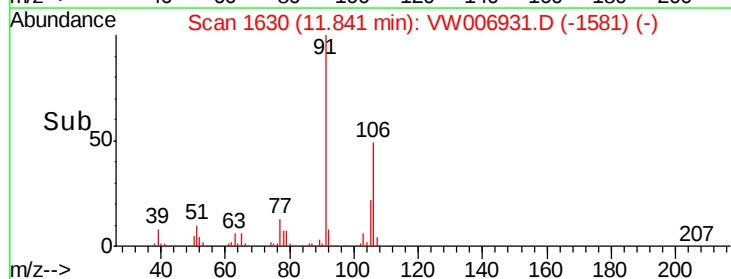
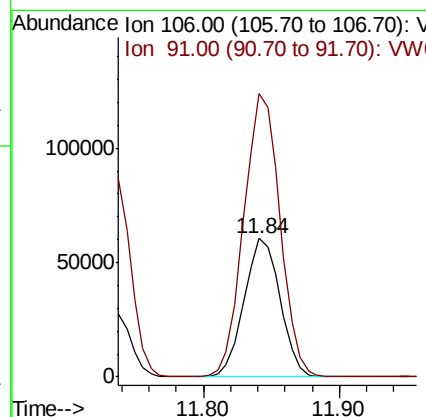
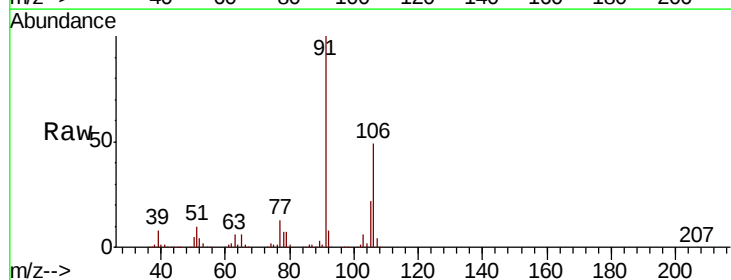
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

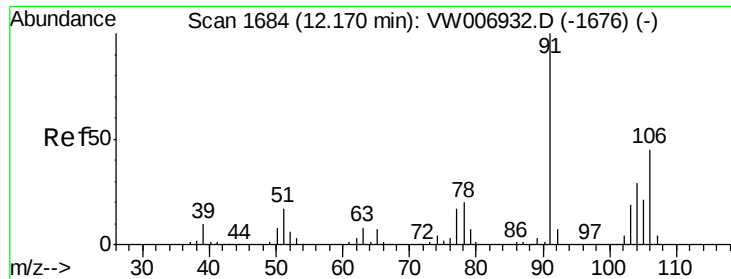
Tgt Ion: 91 Resp: 141467
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0



#68
m/p-Xylenes
Concen: 41.243 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 106 Resp: 112098
Ion Ratio Lower Upper
106 100
91 206.2 165.0 247.4

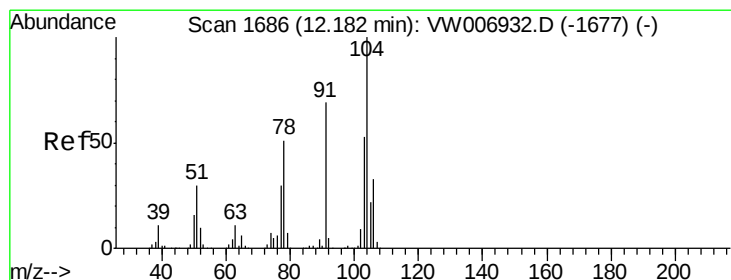
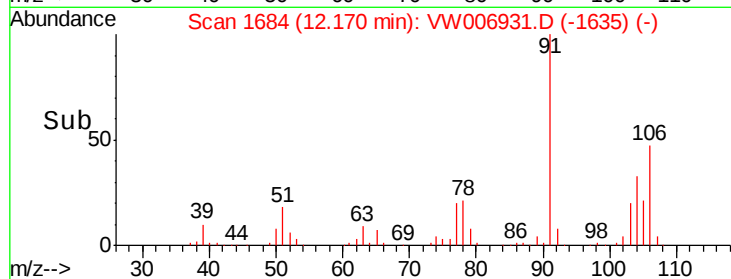
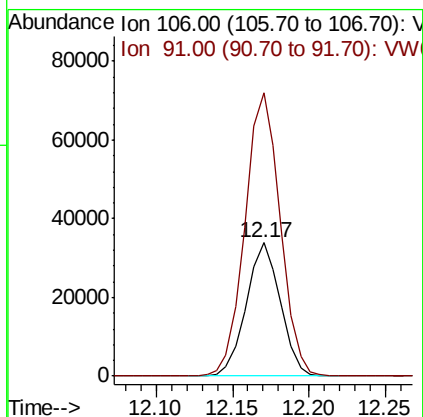
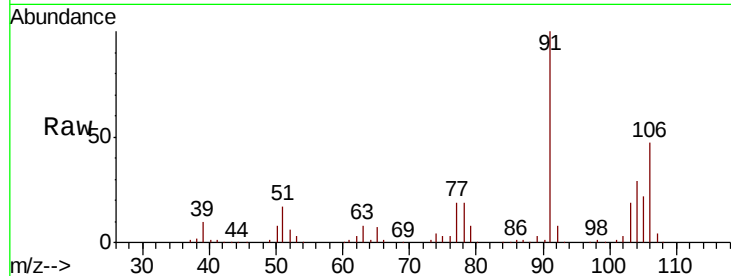




#69
o-Xylene
Concen: 20.736 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

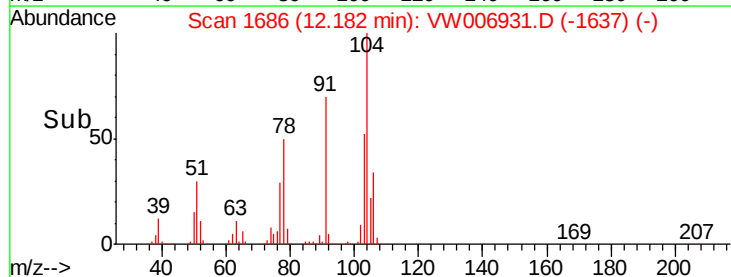
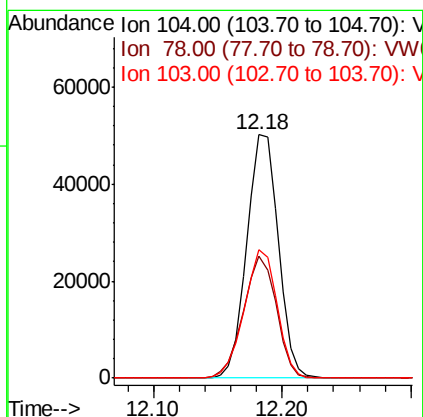
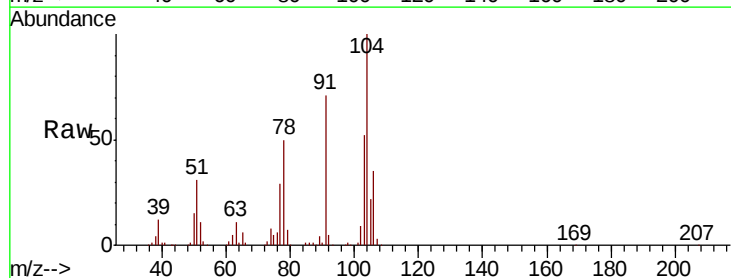
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

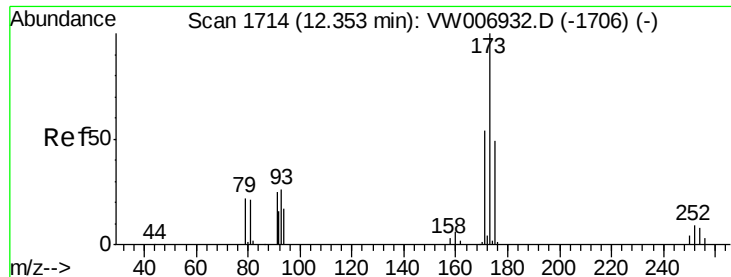
Tgt Ion:106 Resp: 52588
Ion Ratio Lower Upper
106 100
91 218.8 109.2 327.6



#70
Styrene
Concen: 20.802 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:104 Resp: 84623
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 54.9 44.3 66.5





#71

Bromoform

Concen: 17.055 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

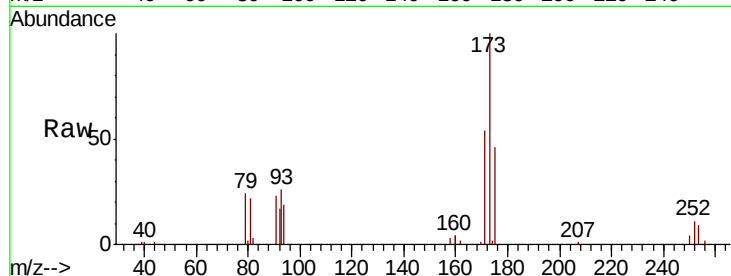
Tgt Ion:173 Resp: 11482

Ion Ratio Lower Upper

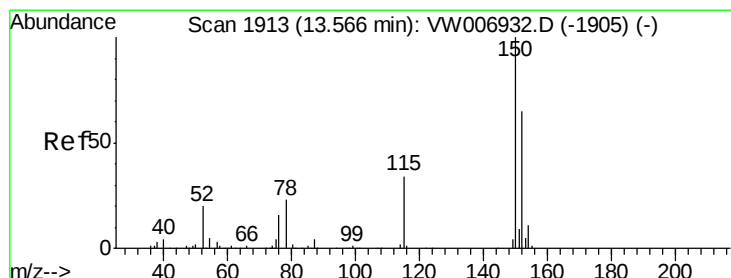
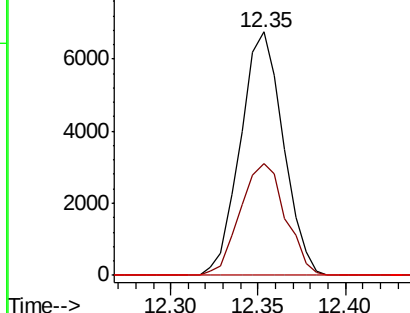
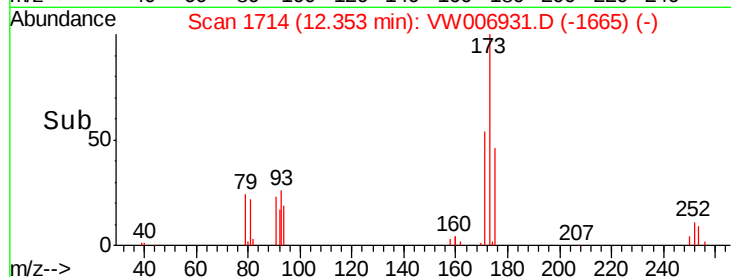
173 100

175 48.7 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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

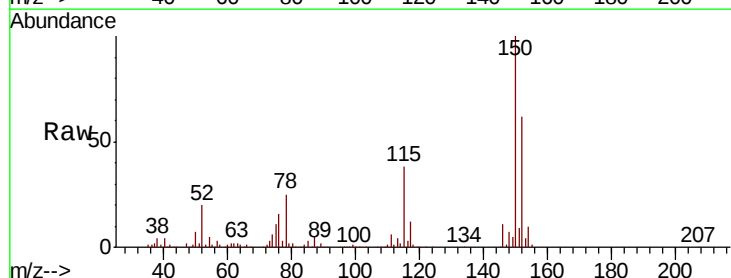
Tgt Ion:152 Resp: 87146

Ion Ratio Lower Upper

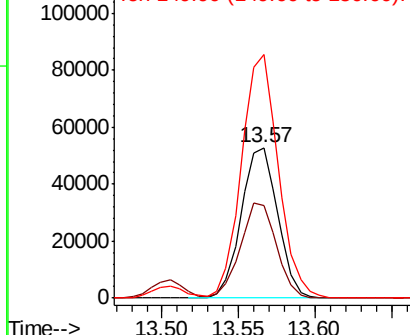
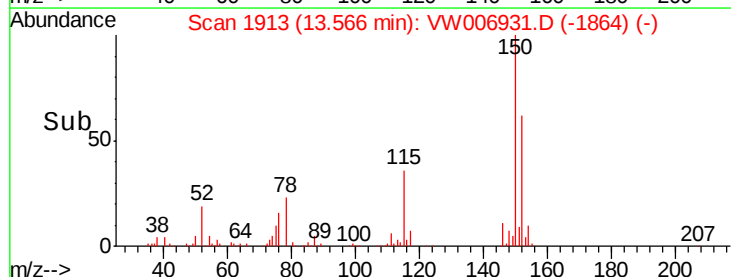
152 100

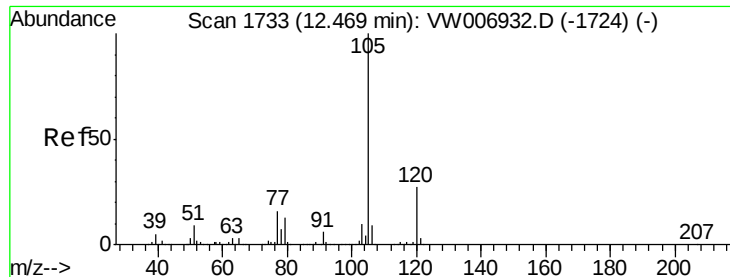
115 62.6 31.6 94.7

150 164.1 0.0 350.0



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: 23.357 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

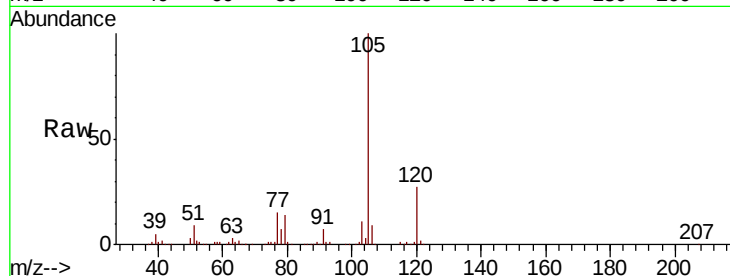
VSTDIC020

Tgt Ion:105 Resp: 144235

Ion Ratio Lower Upper

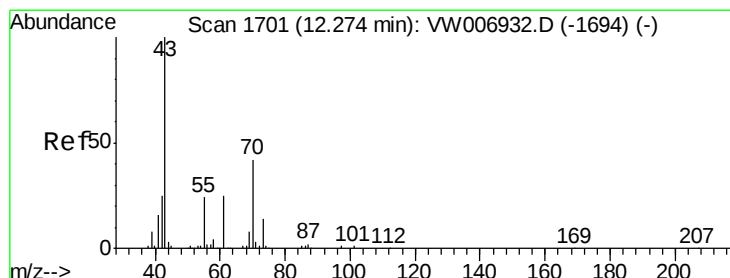
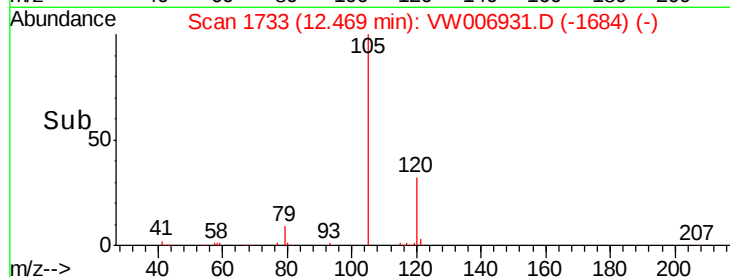
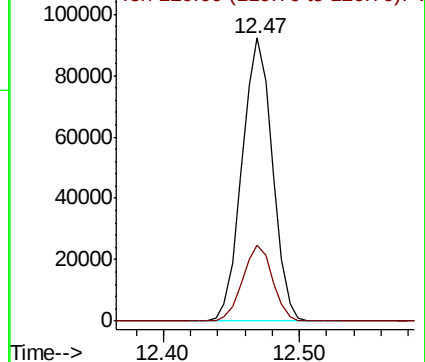
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 28.880 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Tgt Ion: 43 Resp: 28598

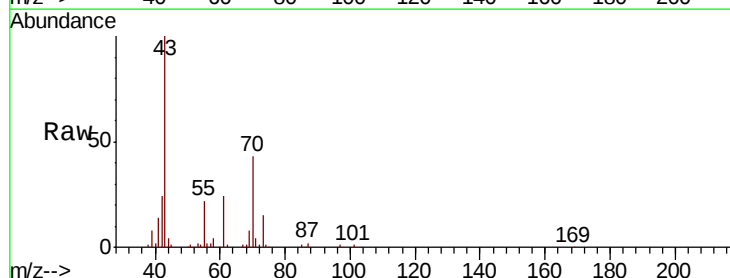
Ion Ratio Lower Upper

43 100

70 42.6 34.2 51.4

55 24.5 19.5 29.3

61 23.7 19.7 29.5

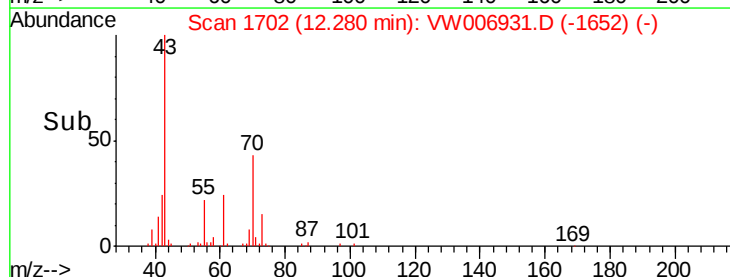
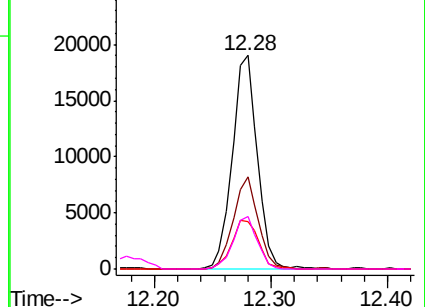


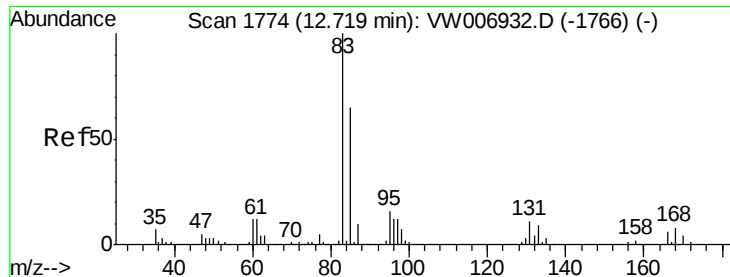
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

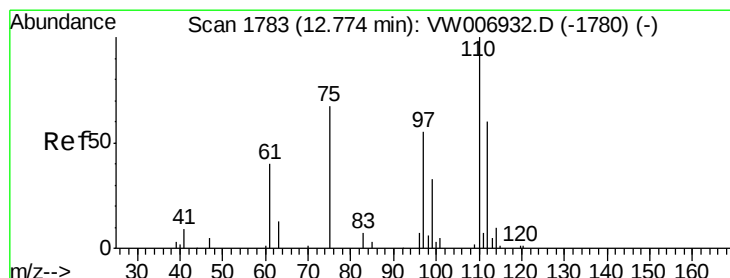
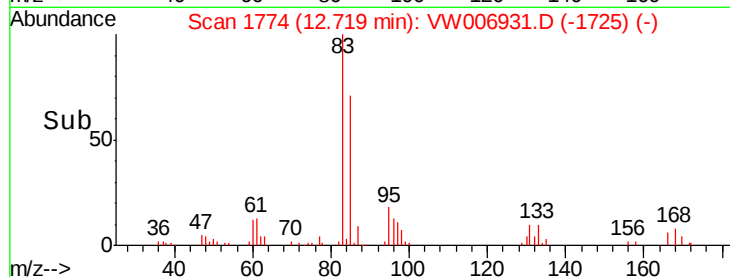
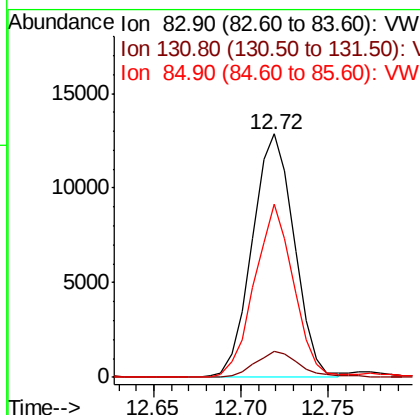
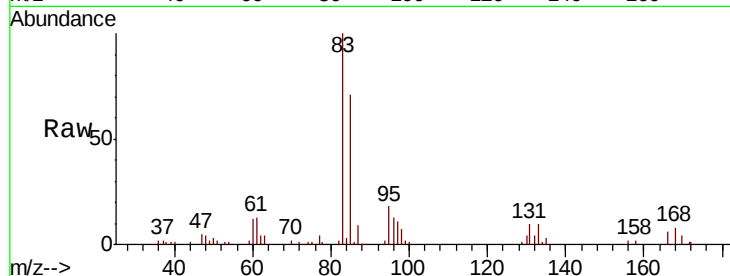




#75
 1,1,2,2-Tetrachloroethane
 Concen: 24.960 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

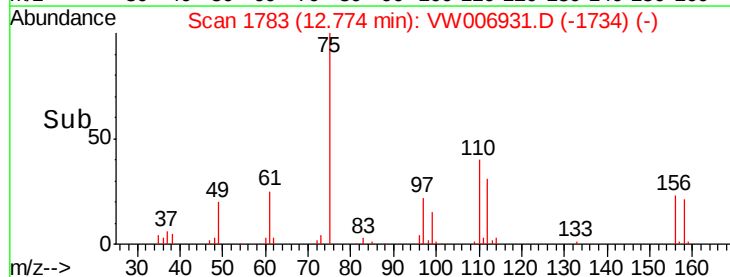
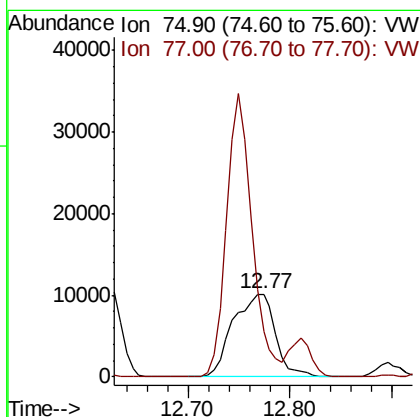
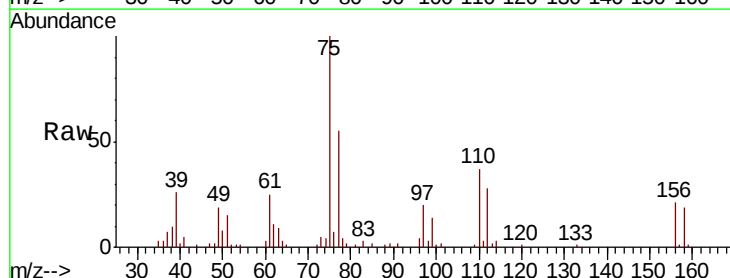
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

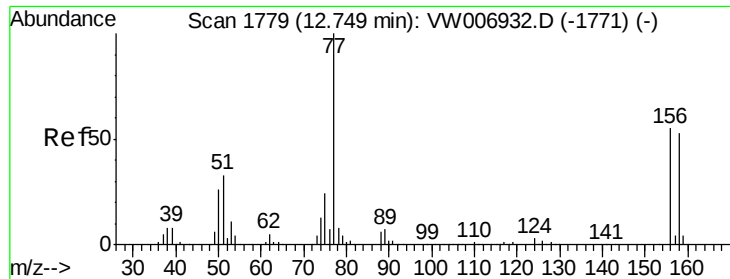
Tgt Ion: 83 Resp: 21510
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 66.4 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 44.627 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 75 Resp: 29352
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.672 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

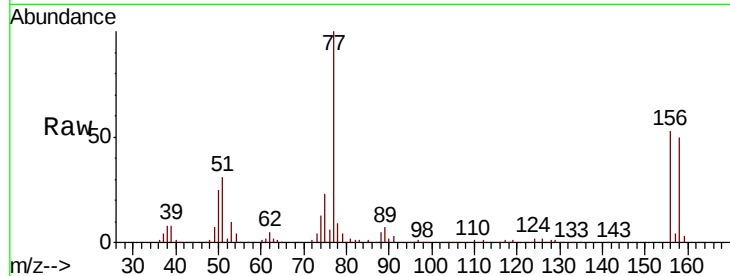
Tgt Ion:156 Resp: 29881

Ion Ratio Lower Upper

156 100

77 203.0 97.8 293.3

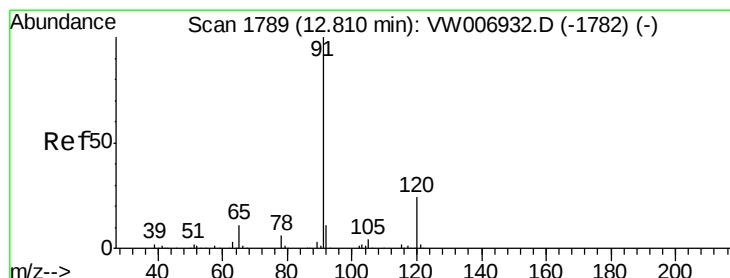
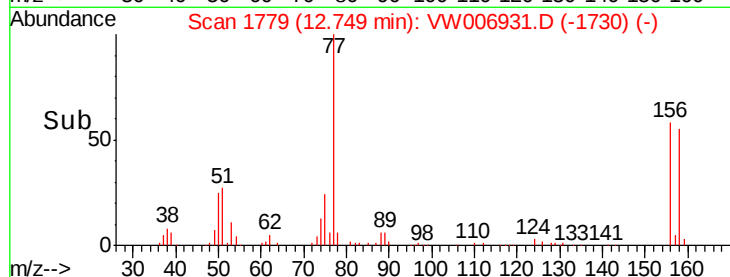
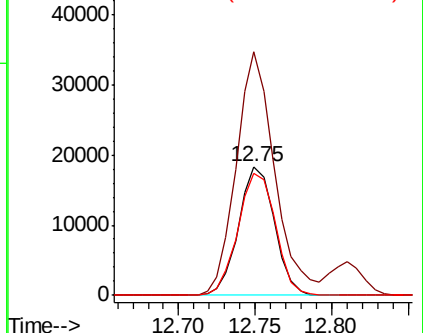
158 99.1 47.9 143.7



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: 23.633 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006931.D

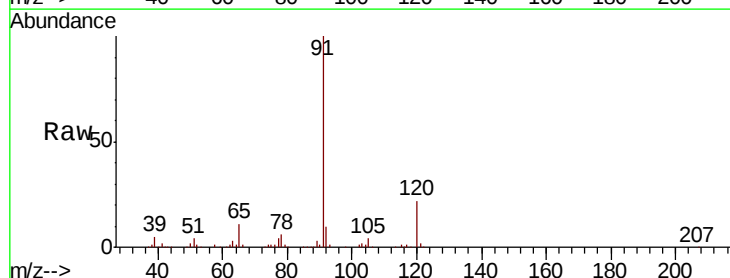
Acq: 16 Nov 2018 23:44

Tgt Ion: 91 Resp: 172746

Ion Ratio Lower Upper

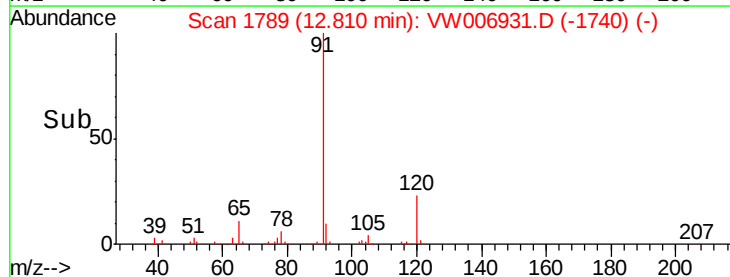
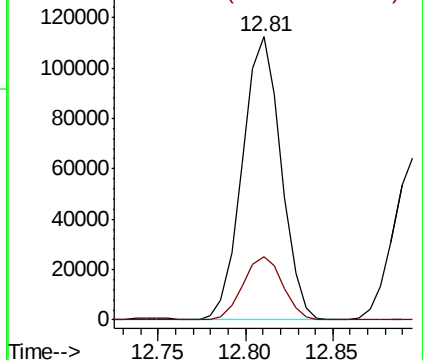
91 100

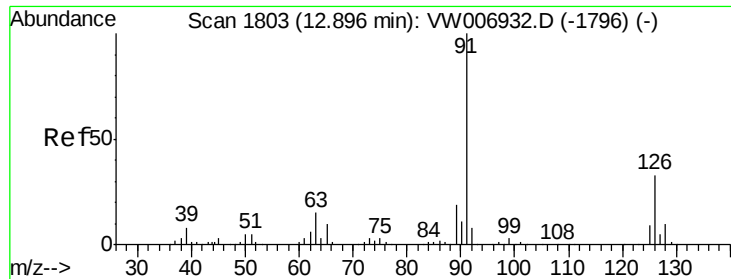
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

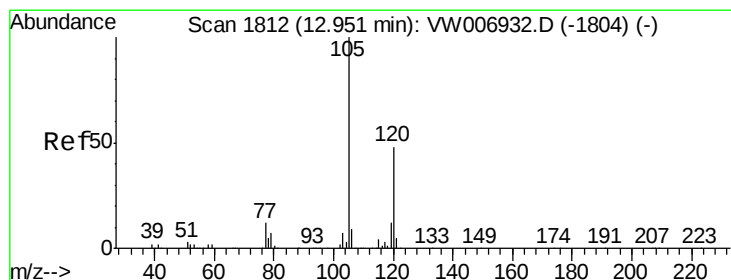
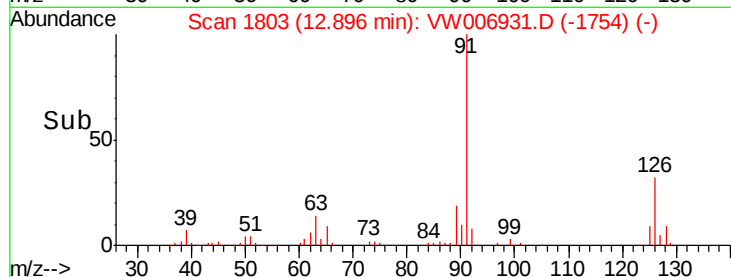
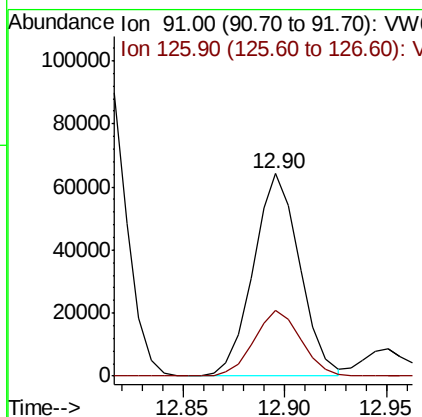
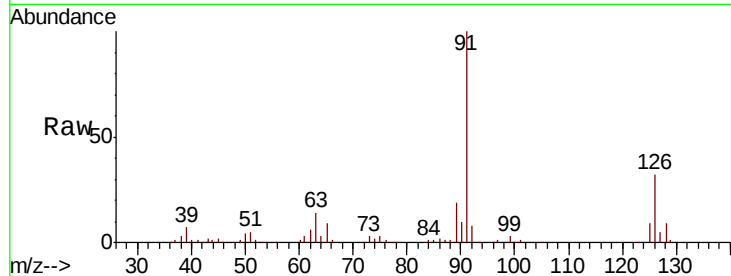




#79
 2-Chlorotoluene
 Concen: 24.597 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

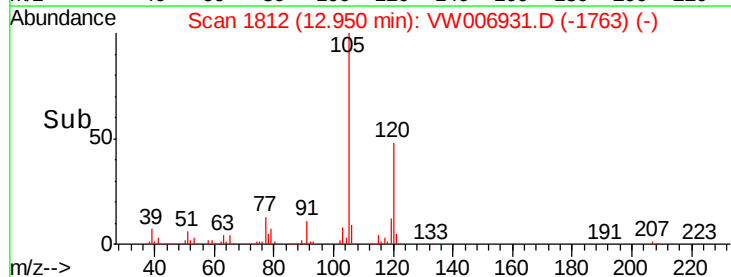
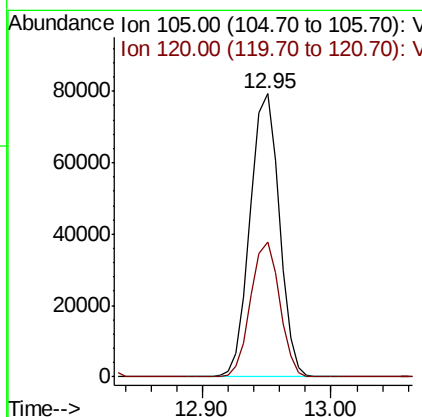
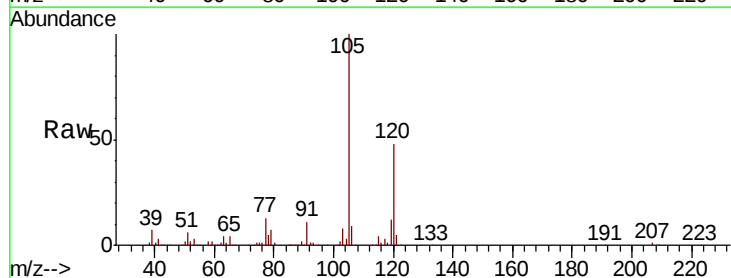
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

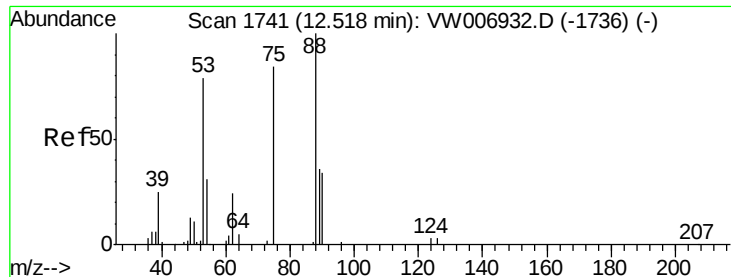
Tgt Ion: 91 Resp: 101642
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 23.399 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 105 Resp: 124141
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5

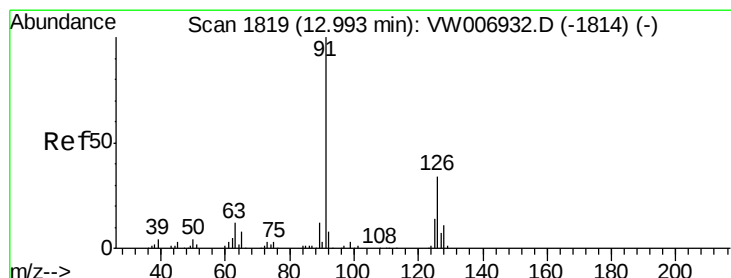
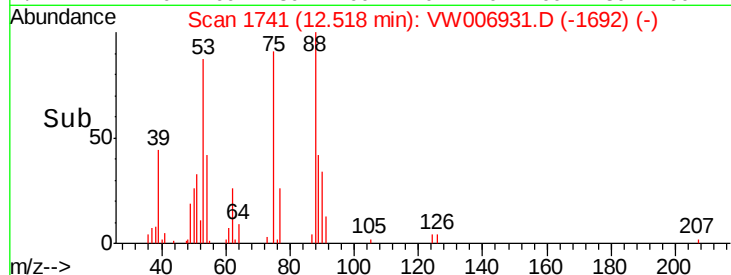
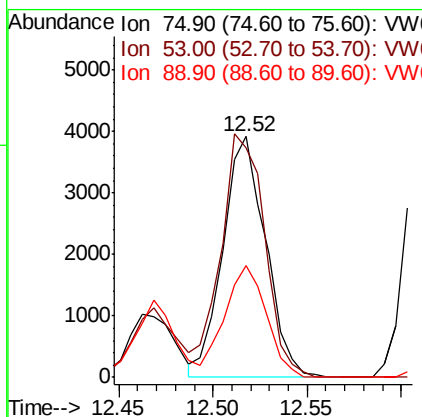
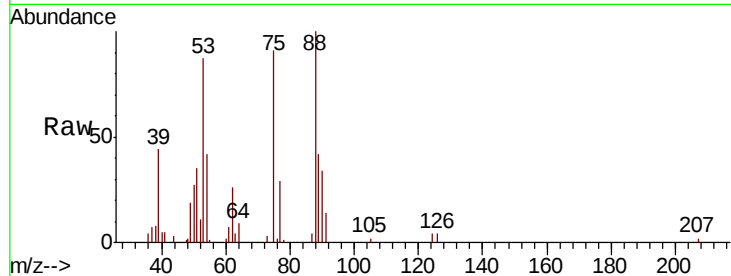




#81
trans-1,4-Dichloro-2-butene
Concen: 23.405 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

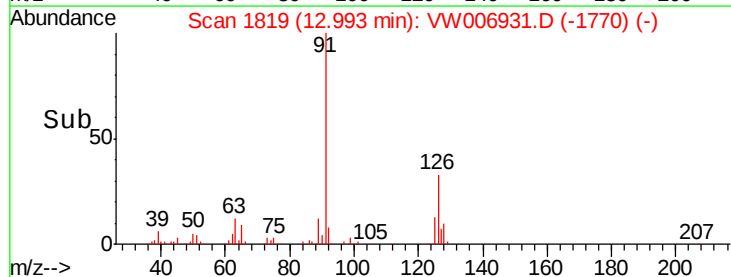
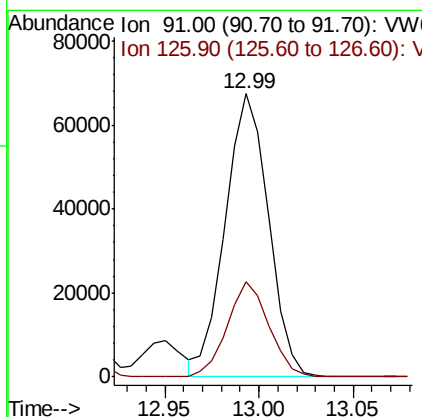
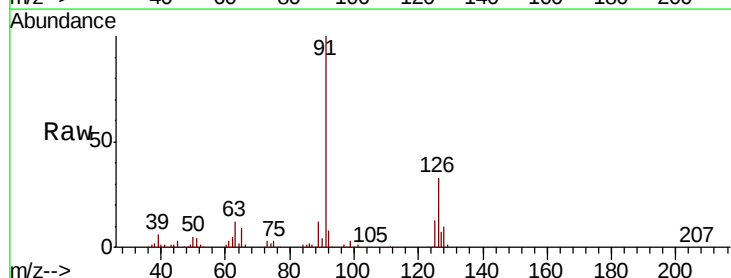
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

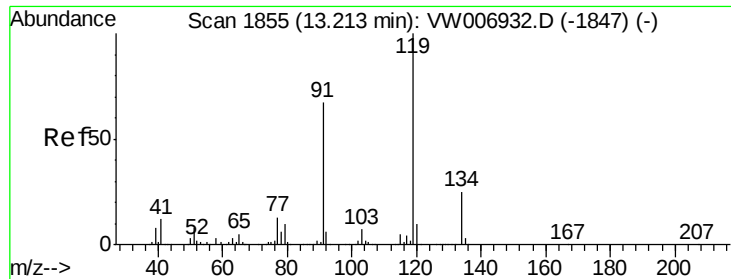
Tgt Ion: 75 Resp: 6156
Ion Ratio Lower Upper
75 100
53 103.8 79.3 118.9
89 45.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 24.313 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion: 91 Resp: 107079
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

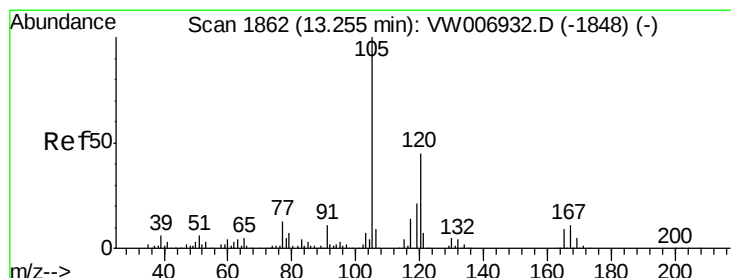
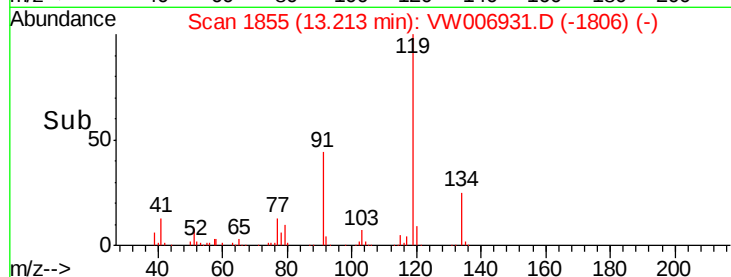
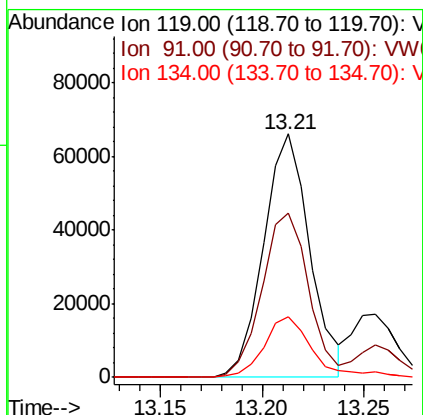
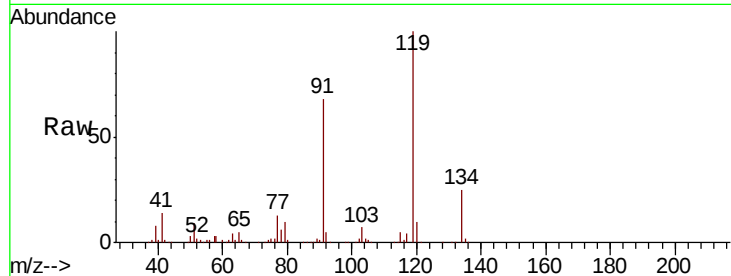




#83
 tert-Butylbenzene
 Concen: 22.442 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

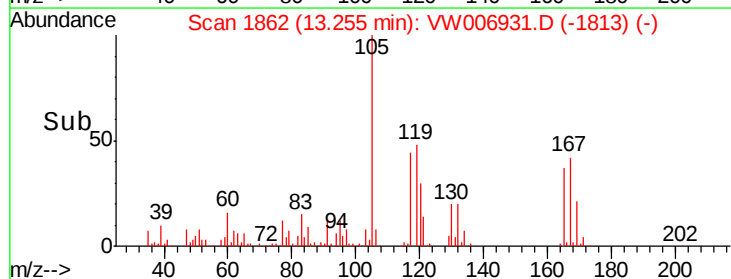
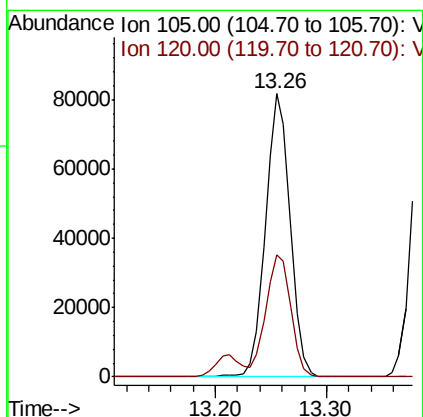
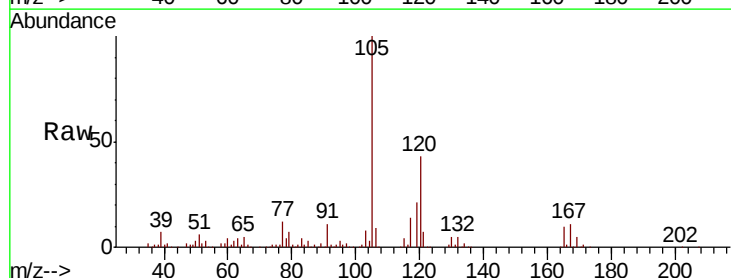
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

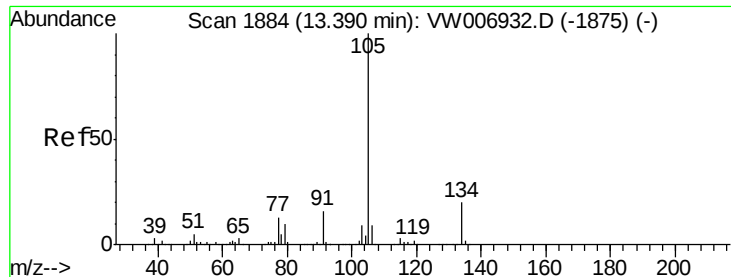
Tgt Ion:119 Resp: 104427
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.8 101.4
 134 26.2 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 23.351 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion:105 Resp: 125899
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.8

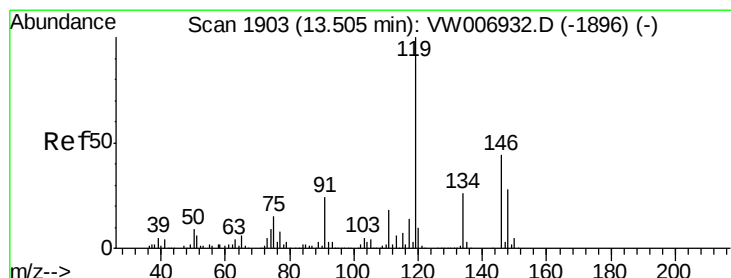
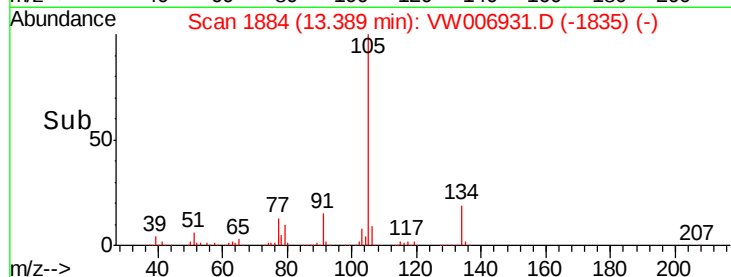
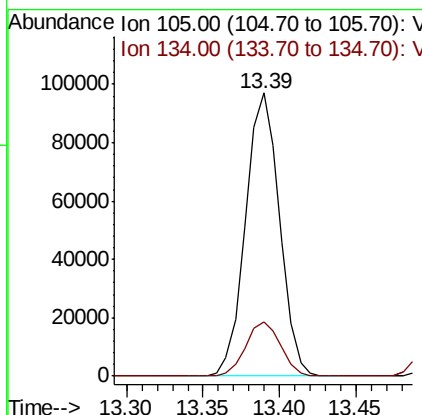
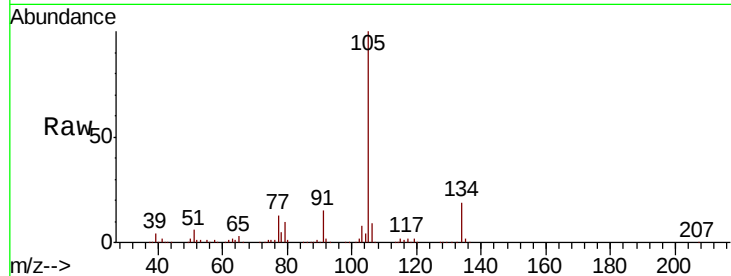




#85
 sec-Butylbenzene
 Concen: 22.655 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

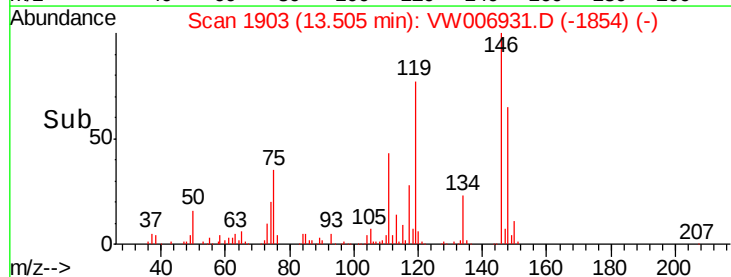
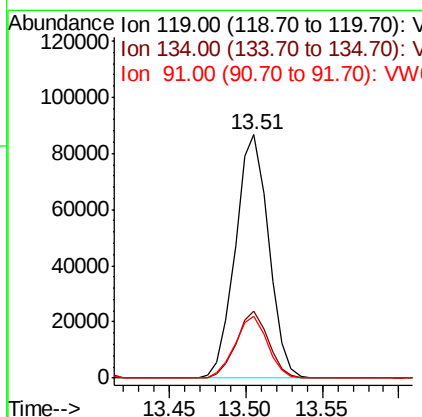
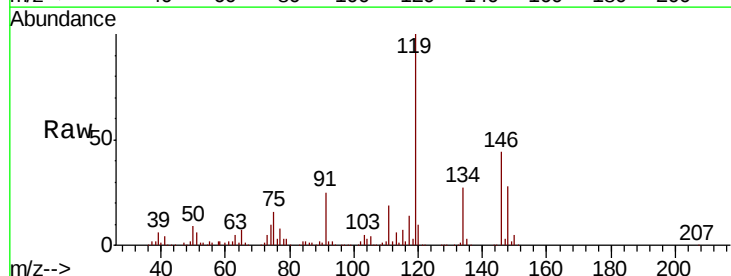
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

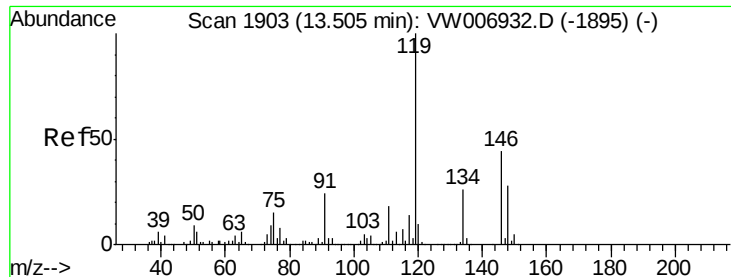
Tgt Ion:105 Resp: 149649
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.889 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion:119 Resp: 130549
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.7 38.1
 91 24.9 12.4 37.2

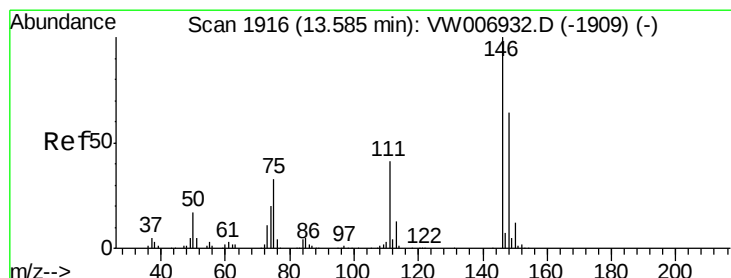
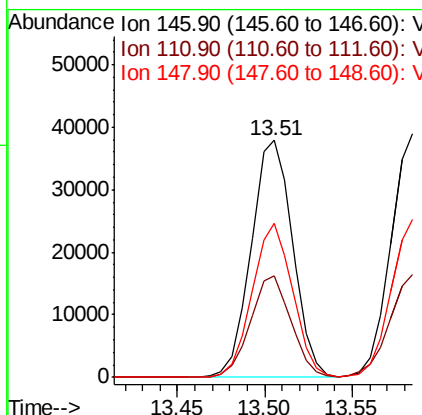
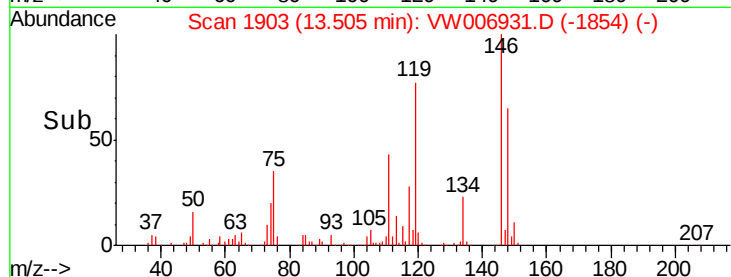
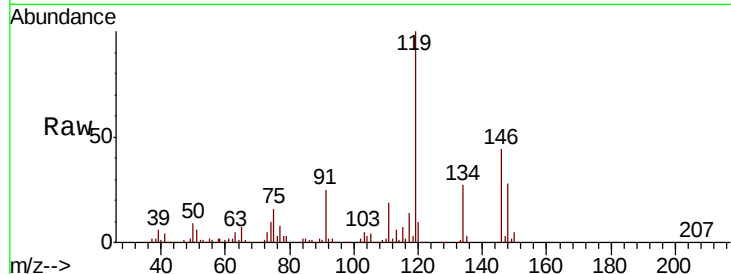




#87
 1,3-Dichlorobenzene
 Concen: 20.298 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

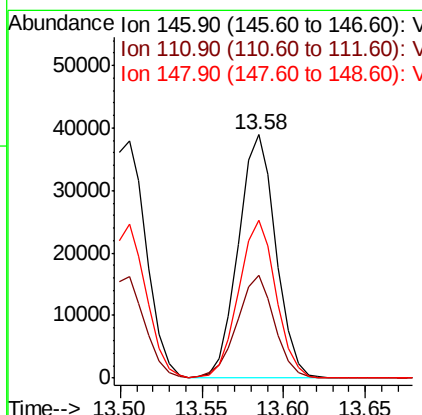
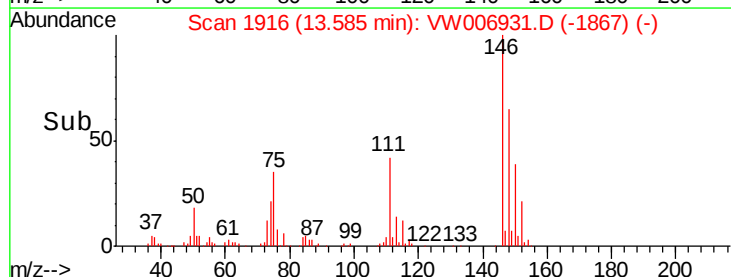
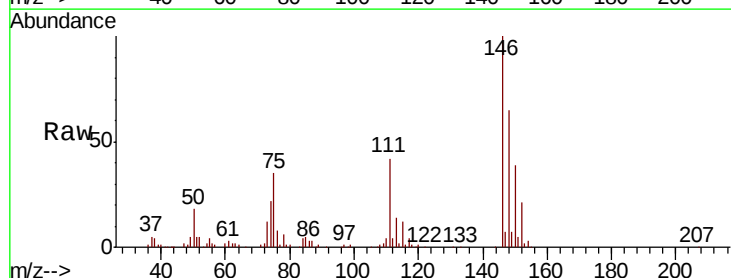
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

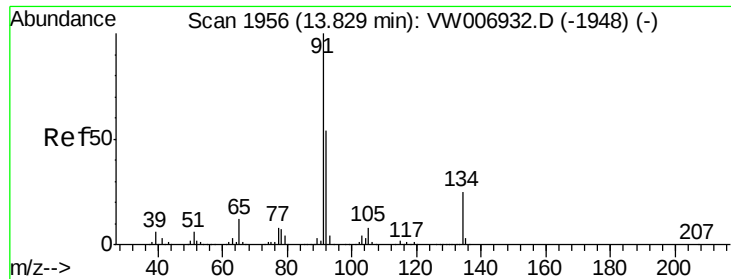
Tgt Ion:146 Resp: 62604
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 62.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion:146 Resp: 62103
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.7 62.1
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 22.580 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006931.D

Acq: 16 Nov 2018 23:44

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

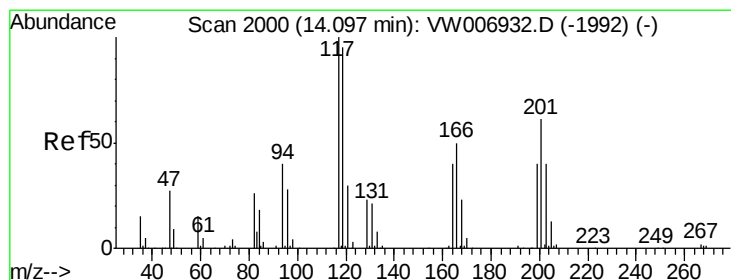
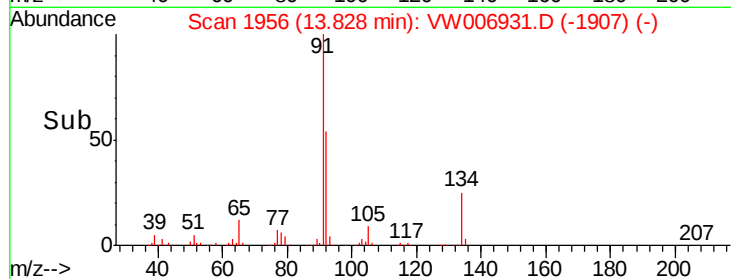
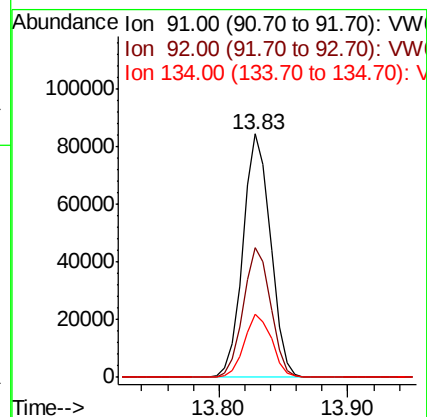
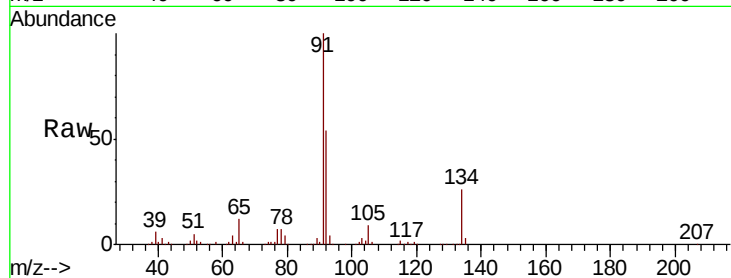
Tgt Ion: 91 Resp: 124137

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.9 12.9 38.6



#90

Hexachloroethane

Concen: 22.160 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006931.D

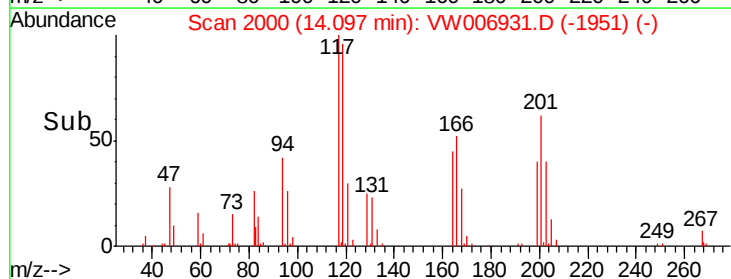
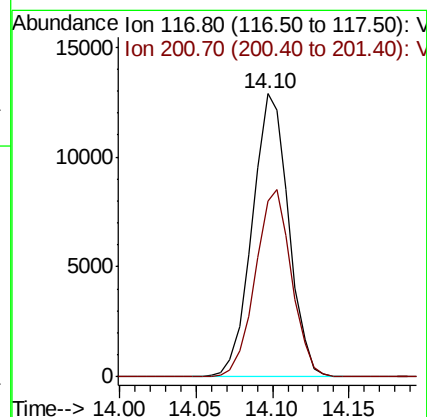
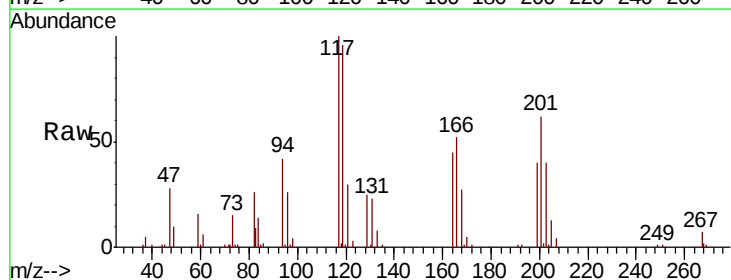
Acq: 16 Nov 2018 23:44

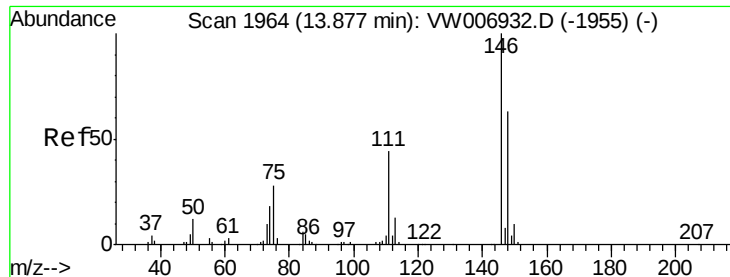
Tgt Ion: 117 Resp: 21261

Ion Ratio Lower Upper

117 100

201 65.9 33.8 101.4

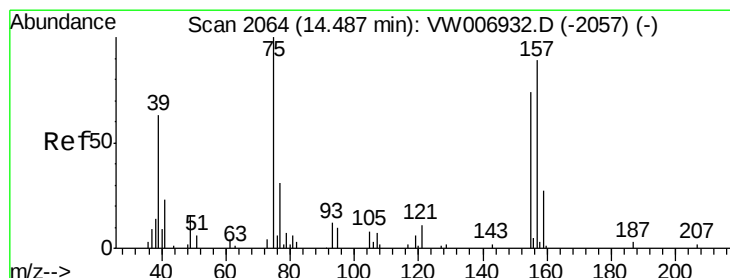
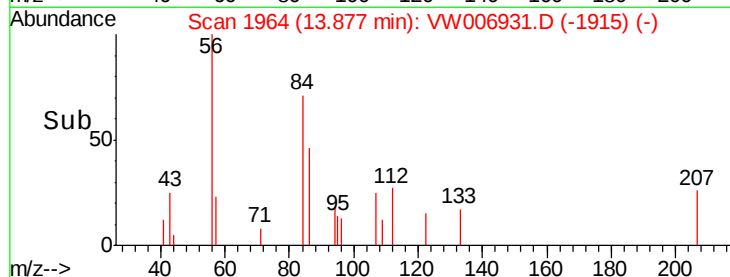
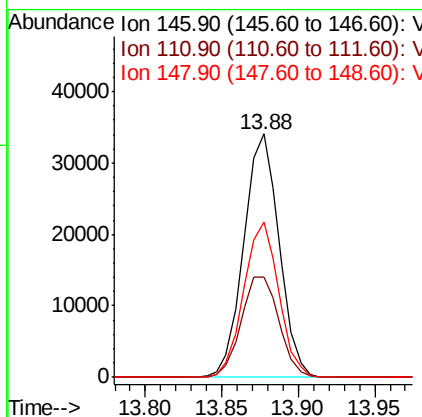
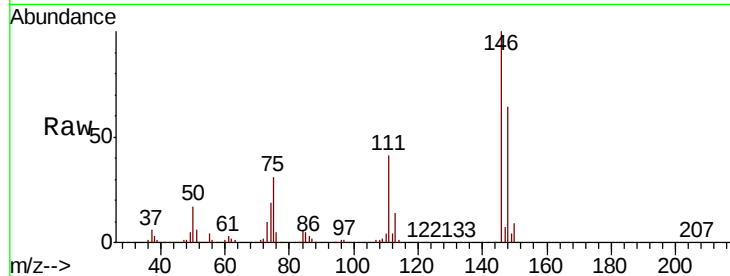




#91
 1,2-Dichlorobenzene
 Concen: 20.293 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

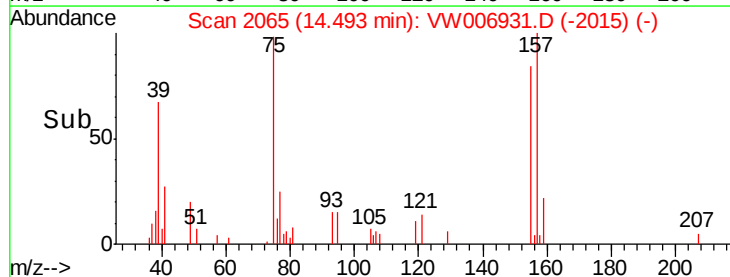
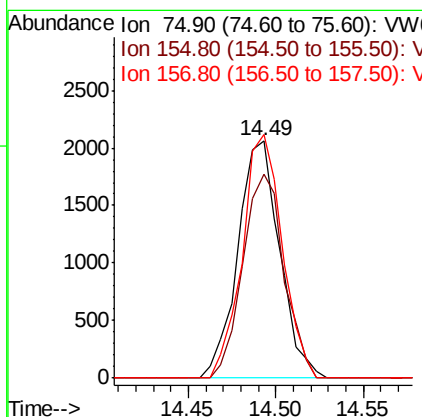
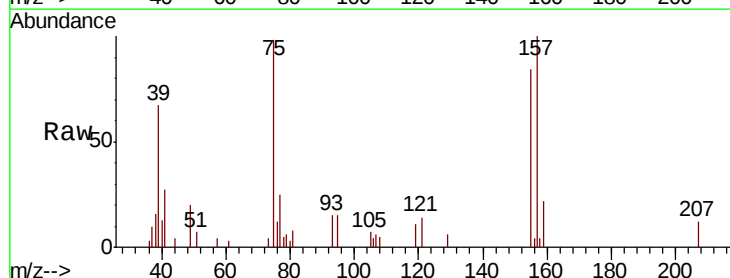
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

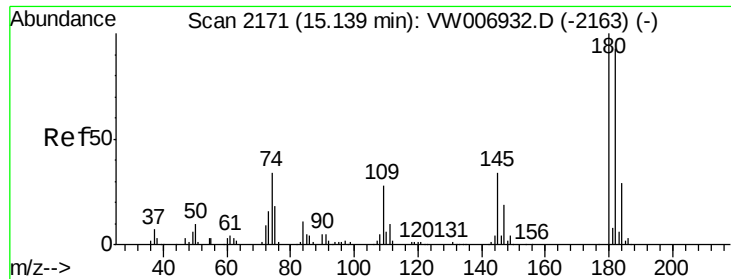
Tgt Ion:146 Resp: 54740
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.6 67.7
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.260 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006931.D
 Acq: 16 Nov 2018 23:44

Tgt Ion: 75 Resp: 3439
 Ion Ratio Lower Upper
 75 100
 155 84.3 38.6 115.7
 157 97.7 49.7 149.1

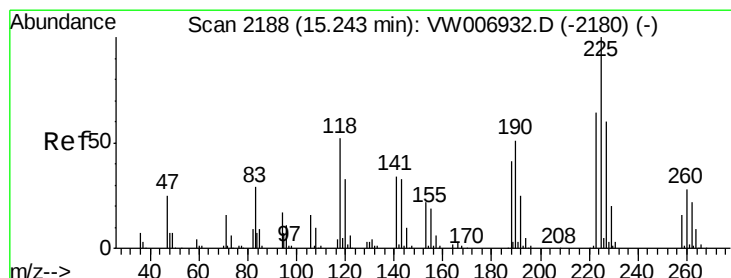
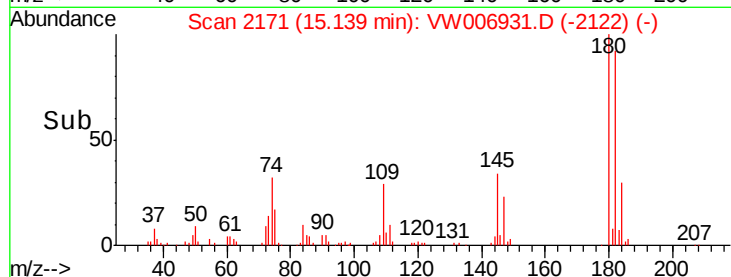
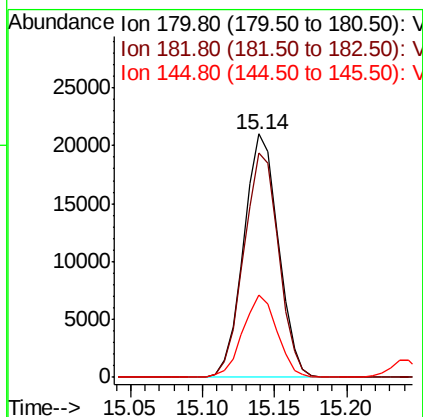
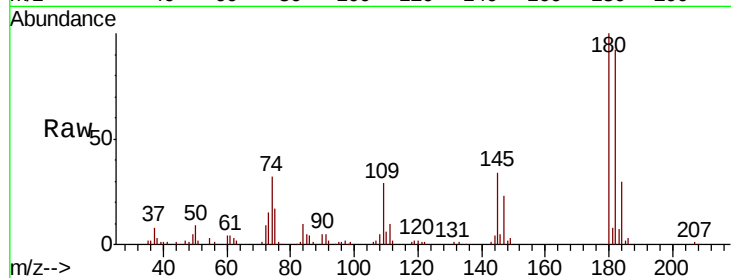




#93
1,2,4-Trichlorobenzene
Concen: 17.659 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

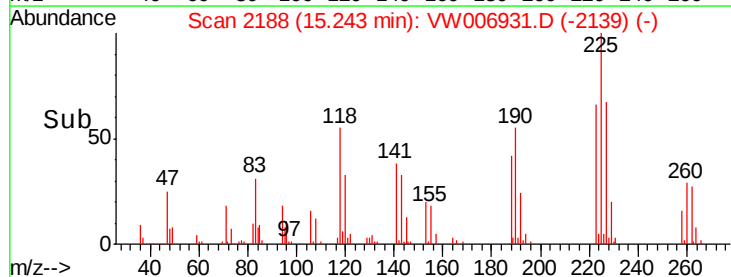
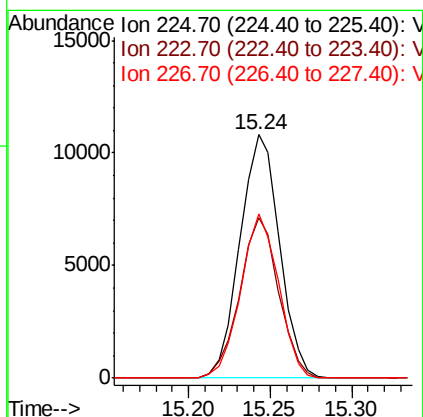
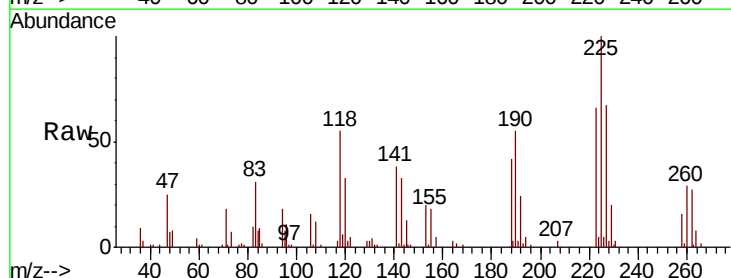
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

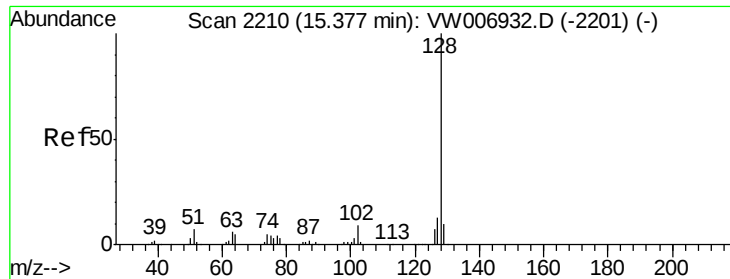
Tgt Ion:180 Resp: 35018
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 33.5 16.8 50.4



#94
Hexachlorobutadiene
Concen: 14.951 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:225 Resp: 18298
Ion Ratio Lower Upper
225 100
223 64.8 32.1 96.3
227 64.4 31.6 95.0

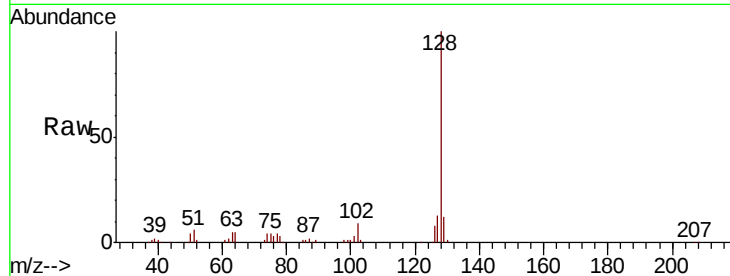




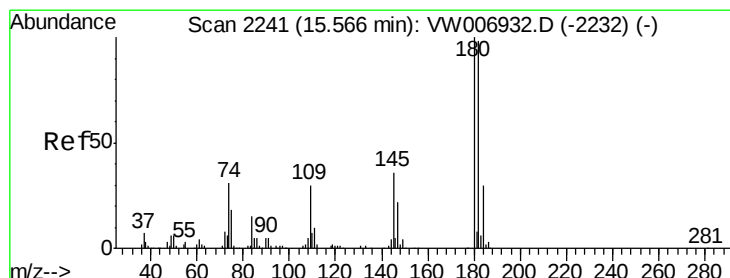
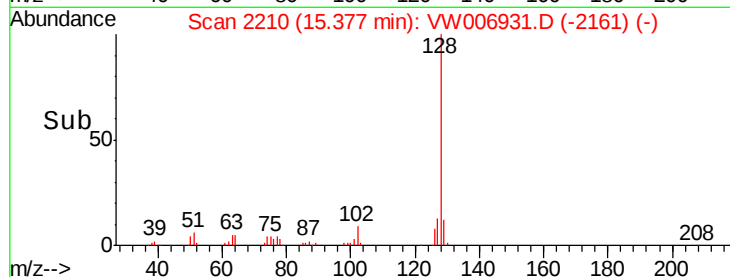
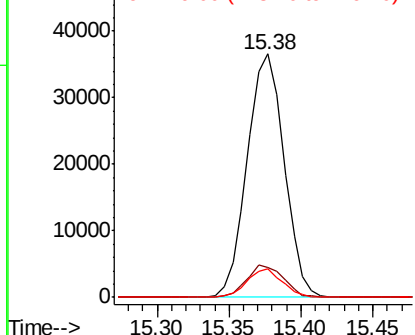
#95
Naphthalene
Concen: 21.023 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 64977
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.2 8.5 12.7

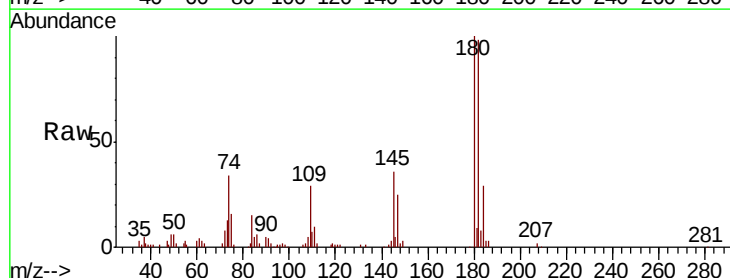


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.318 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006931.D
Acq: 16 Nov 2018 23:44

Tgt Ion:180 Resp: 29489
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 35.5 17.6 52.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

