

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082918\
 Data File : VW005002.D
 Acq On : 29 Aug 2018 14:18
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 01:23:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	513419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	725661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	723763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	402024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	328939	93.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.32%	
35) Dibromofluoromethane	7.89	113	344392	95.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.54%	
50) Toluene-d8	10.33	98	1972015	99.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.78%	
62) 4-Bromofluorobenzene	12.62	95	712468	98.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	408262	92.046	ug/l	99
3) Chloromethane	2.22	50	595642	94.557	ug/l	99
4) Vinyl Chloride	2.36	62	605284	96.263	ug/l	98
5) Bromomethane	2.77	94	355027	86.379	ug/l	97
6) Chloroethane	2.92	64	356898	95.987	ug/l	99
7) Trichlorofluoromethane	3.26	101	622450	95.741	ug/l	99
8) Diethyl Ether	3.69	74	189693	102.615	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	379090	94.470	ug/l	99
10) Methyl Iodide	4.28	142	643155	117.186	ug/l	99
11) Tert butyl alcohol	5.21	59	117026	558.248	ug/l	100
12) 1,1-Dichloroethene	4.04	96	371564	99.109	ug/l	97
13) Acrolein	3.90	56	160393	535.588	ug/l	99
14) Allyl chloride	4.68	41	602407	104.350	ug/l	99
15) Acrylonitrile	5.39	53	513448	544.649	ug/l	100
16) Acetone	4.14	43	397046	501.323	ug/l	98
17) Carbon Disulfide	4.39	76	1612220	102.308	ug/l	100
18) Methyl Acetate	4.68	43	194151	101.207	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	875841	108.712	ug/l	100
20) Methylene Chloride	4.92	84	541603	81.157	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	405102	99.515	ug/l	97
22) Diisopropyl ether	6.32	45	1322144	112.191	ug/l	98
23) Vinyl Acetate	6.26	43	3365299	558.538	ug/l	100
24) 1,1-Dichloroethane	6.23	63	698966	98.027	ug/l	100
25) 2-Butanone	7.18	43	634539	513.775	ug/l	100
26) 2,2-Dichloropropane	7.17	77	581692	92.946	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	444590	100.396	ug/l	99
28) Bromochloromethane	7.52	49	312943	99.811	ug/l	97
29) Tetrahydrofuran	7.54	42	336812	539.846	ug/l	99
30) Chloroform	7.68	83	680376	97.012	ug/l	100
31) Cyclohexane	7.96	56	760743	100.667	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	629552	97.557	ug/l	99
36) 1,1-Dichloropropene	8.09	75	643711	104.692	ug/l	99
37) Ethyl Acetate	7.26	43	237832	107.314	ug/l	99
38) Carbon Tetrachloride	8.07	117	574126	96.485	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	955426	112.722	ug/l	97
40) Benzene	8.33	78	2037042	103.502	ug/l	100
41) Methacrylonitrile	7.49	41	137798	106.695	ug/l	98
42) 1,2-Dichloroethane	8.41	62	417194	95.263	ug/l	99
43) Isopropyl Acetate	8.43	43	479442	108.720	ug/l	98
44) Trichloroethene	9.10	130	512572	101.963	ug/l	100
45) 1,2-Dichloropropane	9.37	63	461248	102.432	ug/l	99
46) Dibromomethane	9.46	93	206756	97.011	ug/l	99
47) Bromodichloromethane	9.65	83	523313	99.372	ug/l	99
48) Methyl methacrylate	9.44	41	277099	118.346	ug/l	99
49) 1,4-Dioxane	9.48	88	93717	2118.974	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	1822434	551.782	ug/l	100
52) Toluene	10.39	92	1494805	102.372	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	618527	109.977	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	699124	106.600	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	354492	101.619	ug/l	99
56) Ethyl methacrylate	10.65	69	526179	114.995	ug/l	99
57) 1,3-Dichloropropane	10.94	76	605108	105.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1129958	573.203	ug/l	100
59) 2-Hexanone	10.98	43	1316295	550.439	ug/l	100
60) Dibromochloromethane	11.13	129	408199	106.619	ug/l	99
61) 1,2-Dibromoethane	11.24	107	353123	107.974	ug/l	100
64) Tetrachloroethene	10.87	164	545056	103.290	ug/l	98
65) Chlorobenzene	11.66	112	1641338	103.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	473917	108.511	ug/l	99
67) Ethyl Benzene	11.74	91	2936147	107.836	ug/l	100
68) m/p-Xylenes	11.85	106	2376810	214.022	ug/l	99
69) o-Xylene	12.17	106	1115114	109.889	ug/l	100
70) Styrene	12.19	104	1856966	110.315	ug/l	99
71) Bromoform	12.35	173	271839	111.941	ug/l #	99
73) Isopropylbenzene	12.47	105	2974356	110.985	ug/l	100
74) N-amyl acetate	12.28	43	590812	116.821	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	441915	108.907	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	604259	120.410	ug/l #	100
77) Bromobenzene	12.75	156	694344	105.596	ug/l	99
78) n-propylbenzene	12.81	91	3640335	110.122	ug/l	99
79) 2-Chlorotoluene	12.90	91	2048105	107.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2605725	110.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	147334	116.943	ug/l	99
82) 4-Chlorotoluene	12.99	91	2177339	107.034	ug/l	99
83) tert-Butylbenzene	13.21	119	2221292	111.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2647528	110.200	ug/l	99
85) sec-Butylbenzene	13.39	105	3205072	109.789	ug/l	100
86) p-Isopropyltoluene	13.51	119	2919073	111.611	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1436172	103.029	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	1410717	102.169	ug/l	99
89) n-Butylbenzene	13.83	91	2756109	112.255	ug/l	100
90) Hexachloroethane	14.10	117	448389	109.065	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1273792	103.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	76451	109.089	ug/l	97

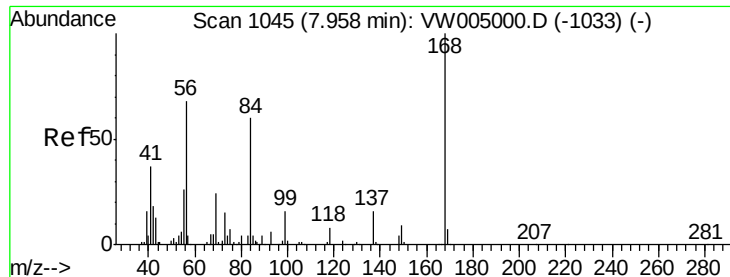
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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:20:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	936846	108.980	ug/l	99
94) Hexachlorobutadiene	15.24	225	557194	103.547	ug/l	99
95) Naphthalene	15.38	128	1679882	119.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	820896	108.094	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

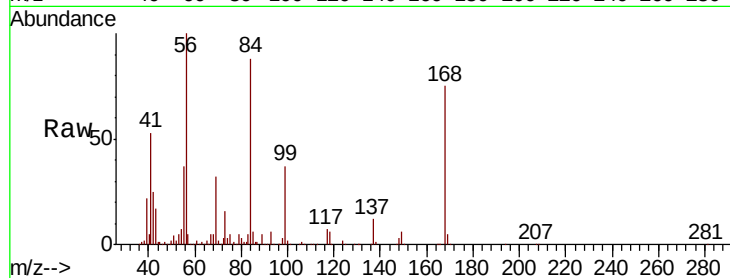
VSTDIC100

Tgt Ion:168 Resp: 513419

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

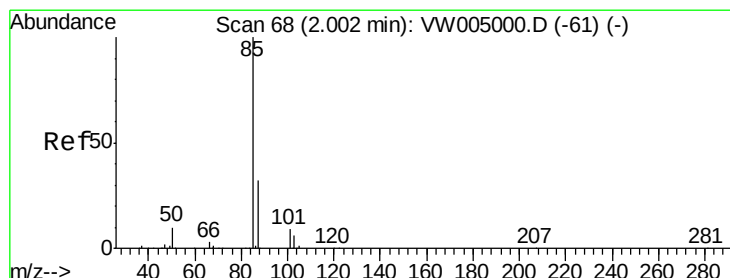
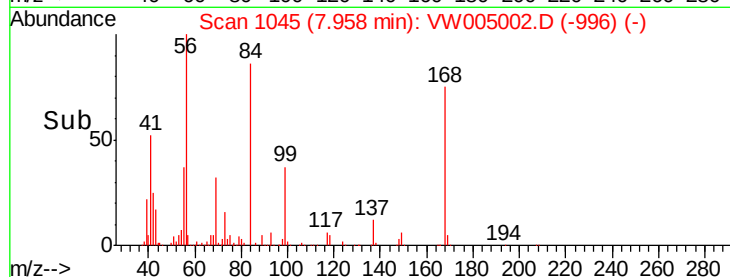
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 92.046 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005002.D

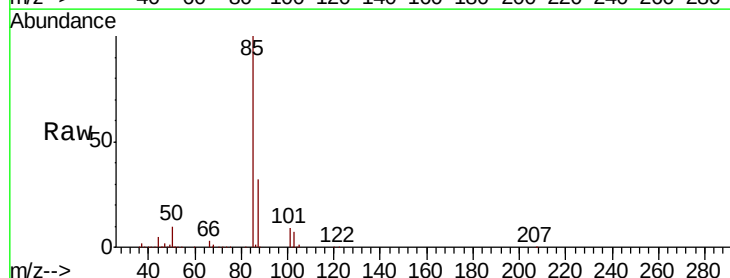
Acq: 29 Aug 2018 14:18

Tgt Ion: 85 Resp: 408262

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

300000

250000

200000

150000

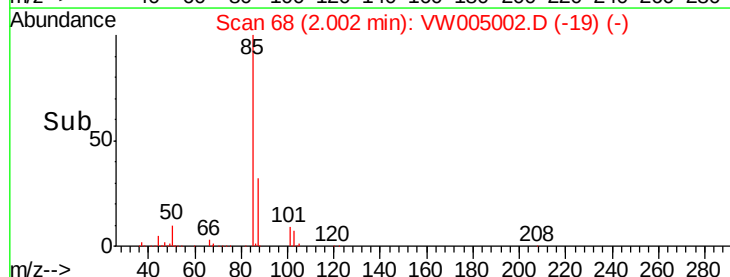
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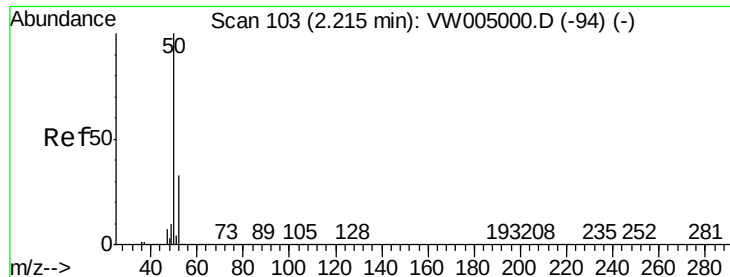
50000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 94.557 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

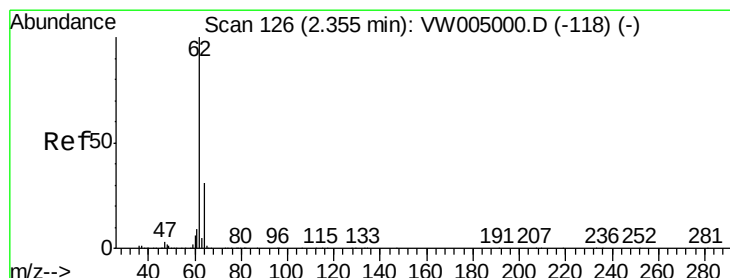
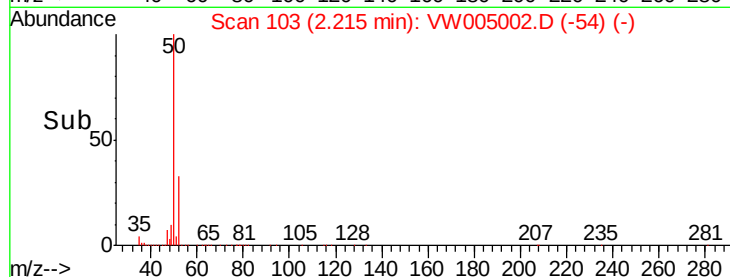
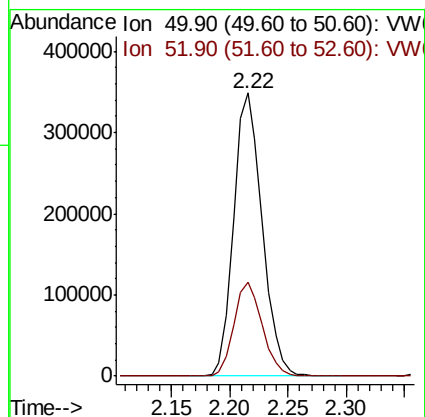
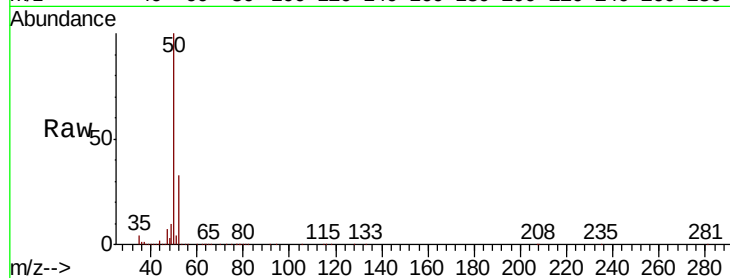
VSTDIC100

Tgt Ion: 50 Resp: 595642

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 96.263 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005002.D

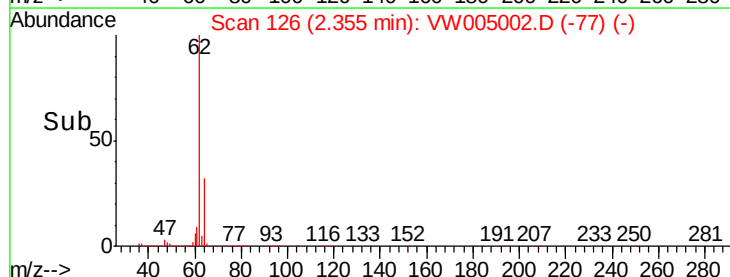
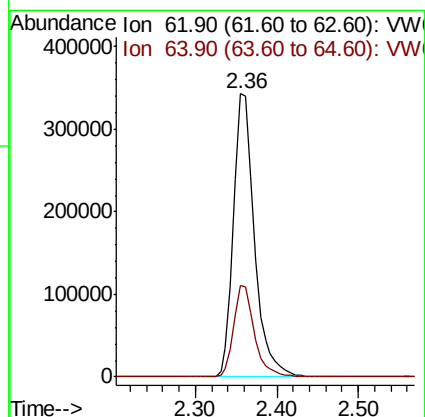
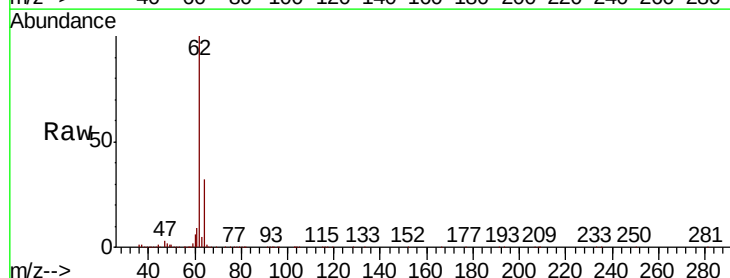
Acq: 29 Aug 2018 14:18

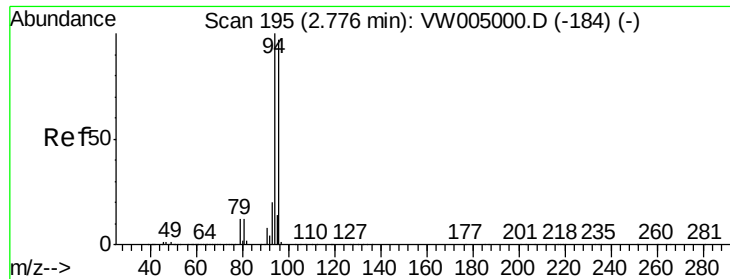
Tgt Ion: 62 Resp: 605284

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 86.379 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

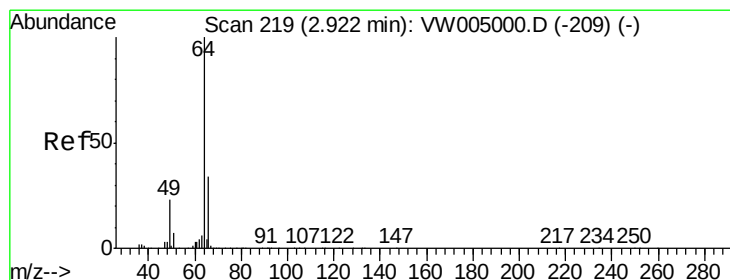
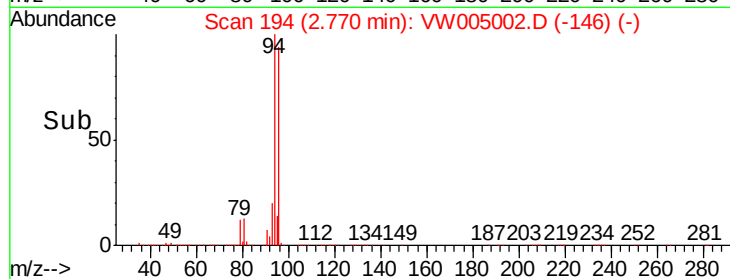
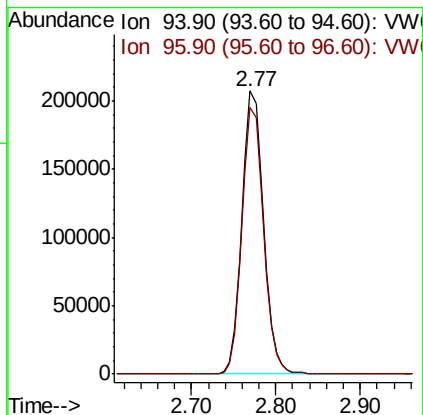
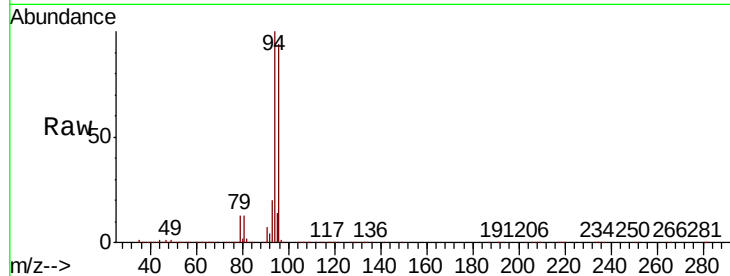
VSTDIC100

Tgt Ion: 94 Resp: 355027

Ion Ratio Lower Upper

94 100

96 94.3 77.5 116.3



#6

Chloroethane

Concen: 95.987 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005002.D

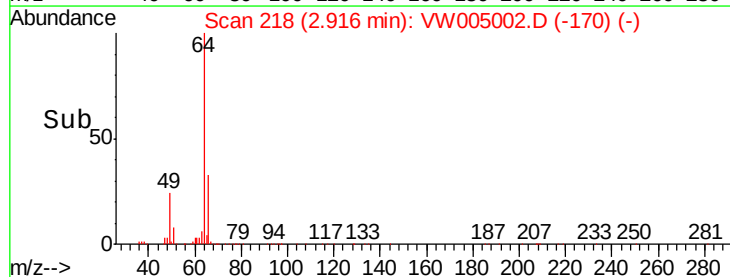
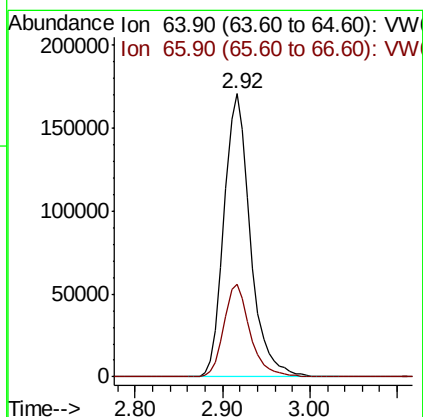
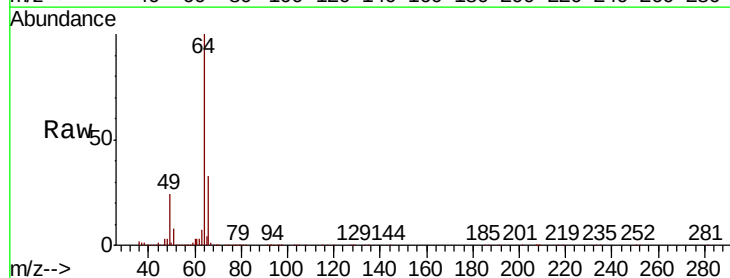
Acq: 29 Aug 2018 14:18

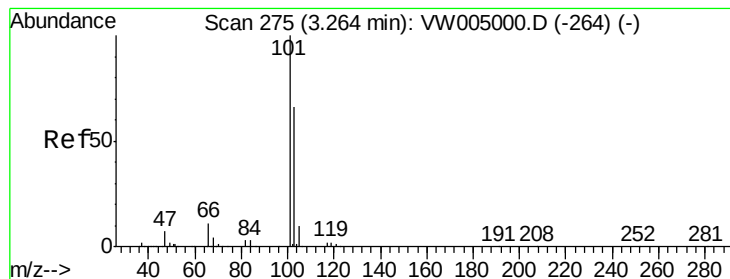
Tgt Ion: 64 Resp: 356898

Ion Ratio Lower Upper

64 100

66 32.7 26.8 40.2



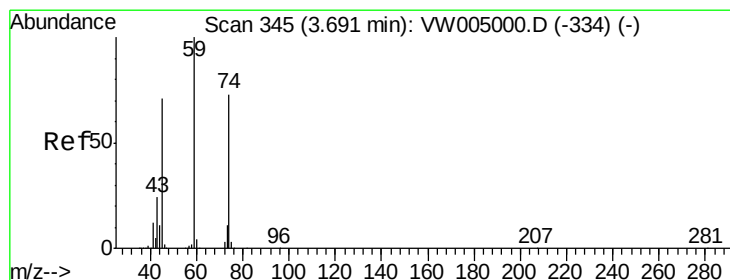
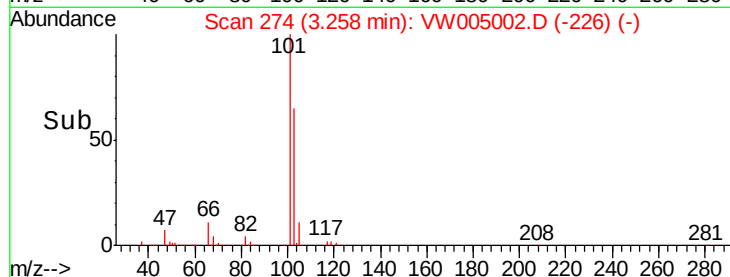
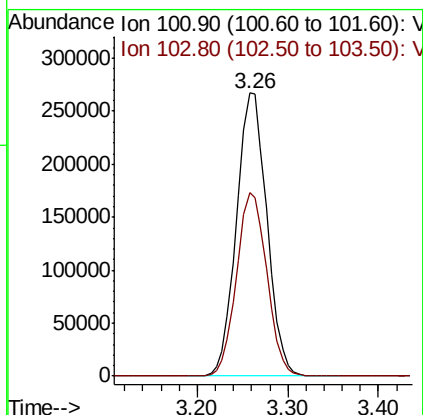
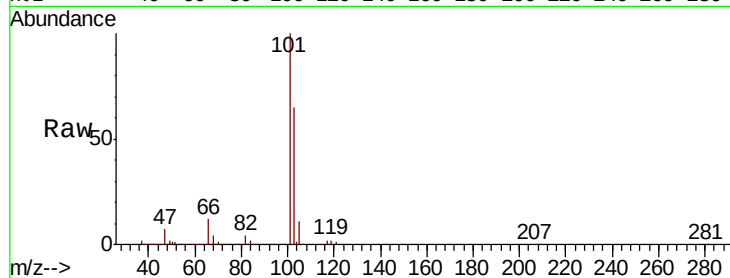


#7

Trichlorofluoromethane
 Concen: 95.741 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005002.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

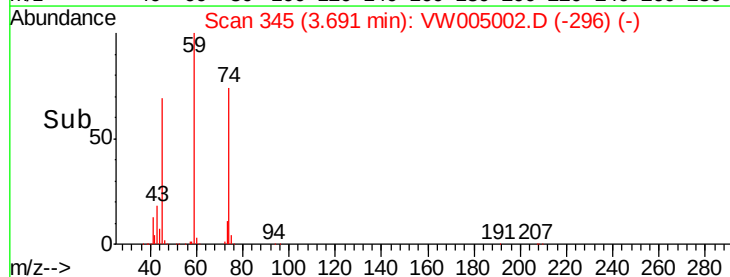
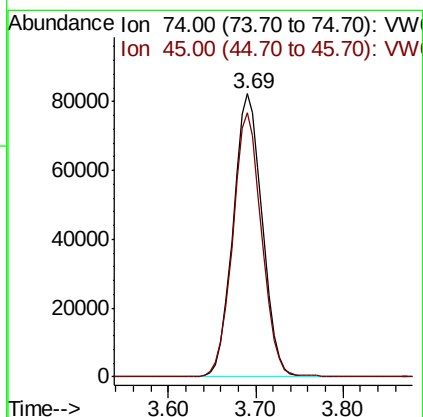
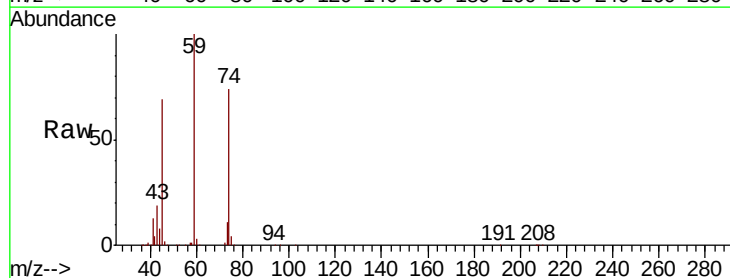
Tgt Ion: 101 Resp: 622450
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

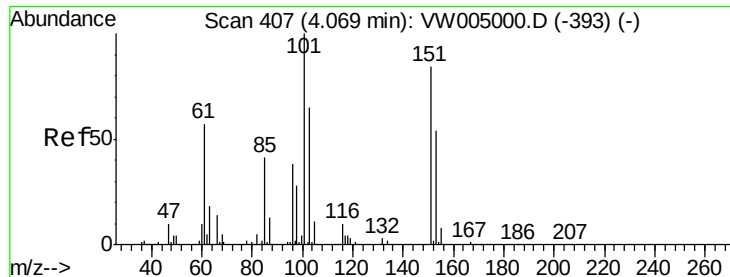


#8

Diethyl Ether
 Concen: 102.615 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 74 Resp: 189693
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.470 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

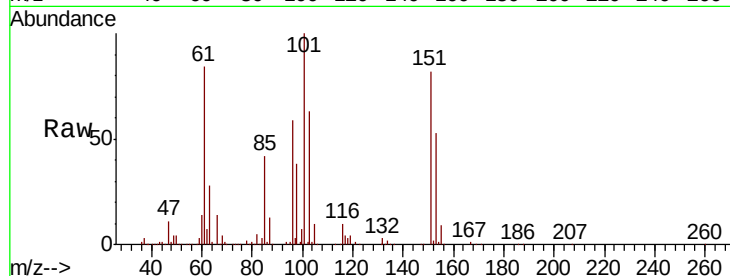
Tgt Ion:101 Resp: 379090

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.0

151 83.1 67.0 100.4



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

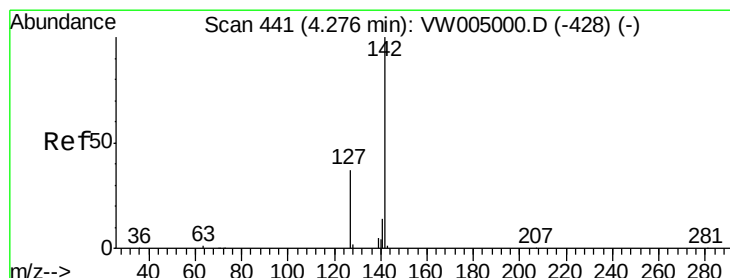
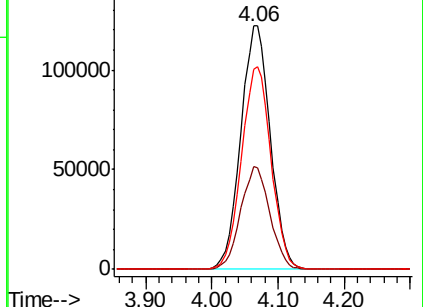
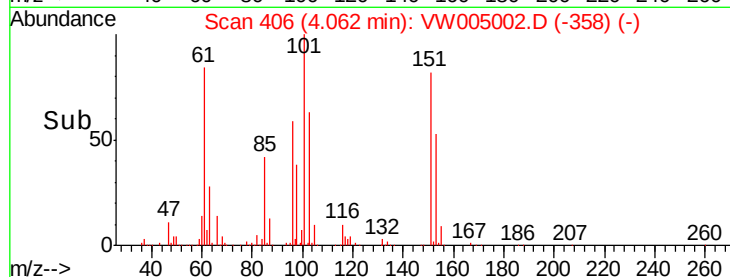
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 117.186 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

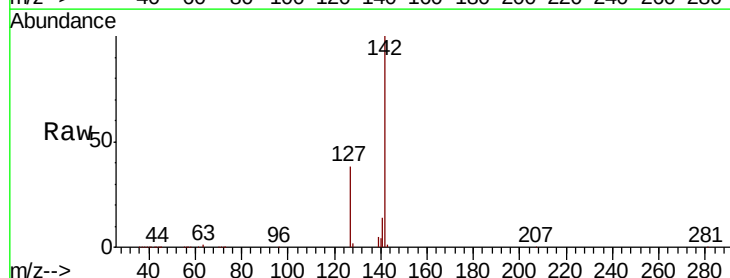
Tgt Ion:142 Resp: 643155

Ion Ratio Lower Upper

142 100

127 38.4 31.1 46.7

141 14.3 11.4 17.2



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

300000

250000

200000

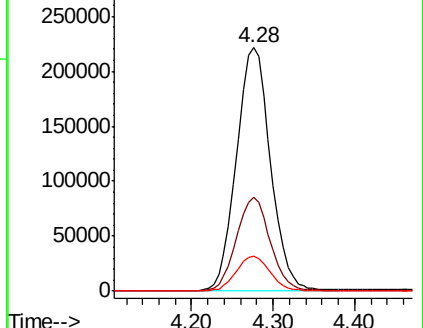
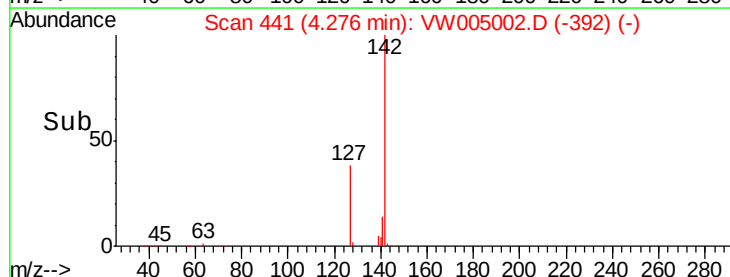
150000

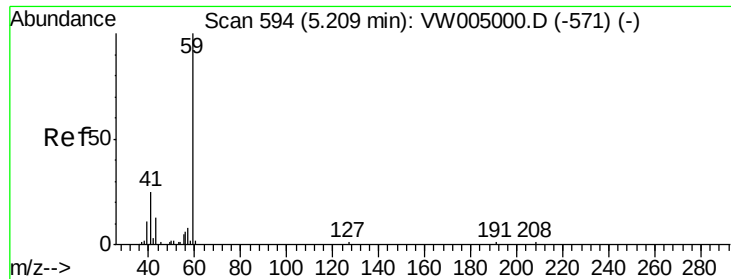
100000

50000

0

Time-->

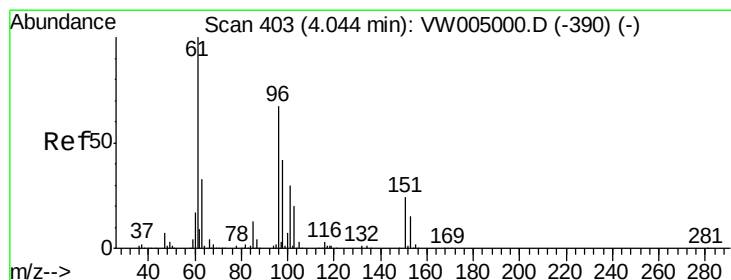
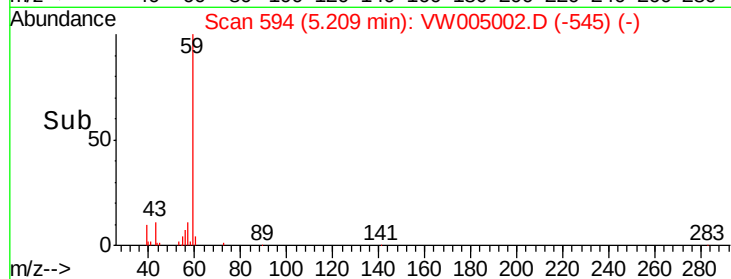
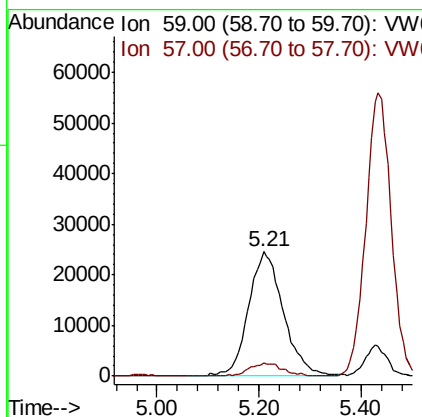
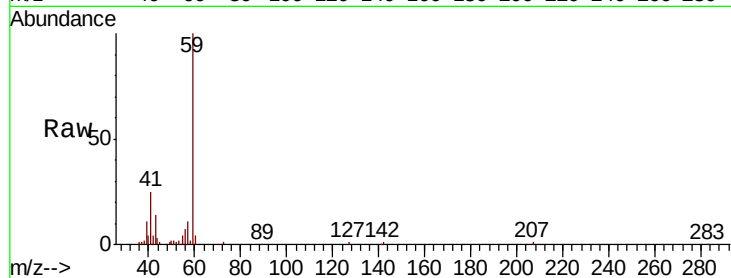




#11
Tert butyl alcohol
Concen: 558.248 ug/l
RT: 5.21 min Scan# 594
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

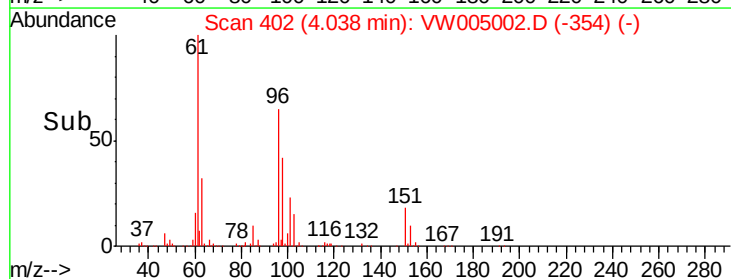
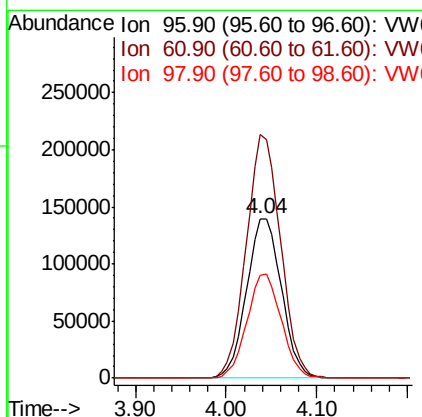
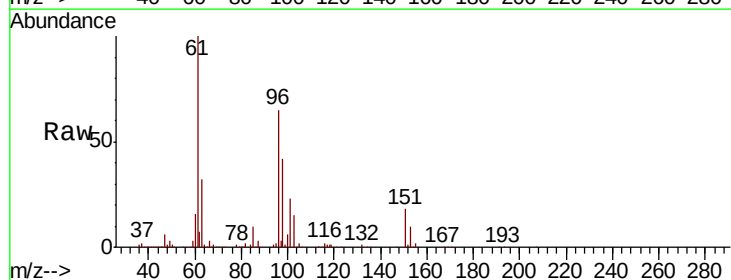
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

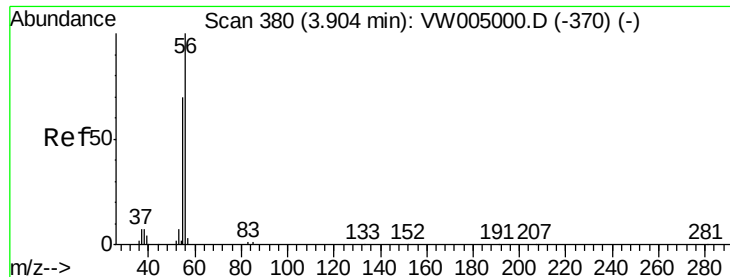
Tgt Ion: 59 Resp: 117026
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 99.109 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 96 Resp: 371564
Ion Ratio Lower Upper
96 100
61 152.9 119.5 179.3
98 64.6 50.4 75.6

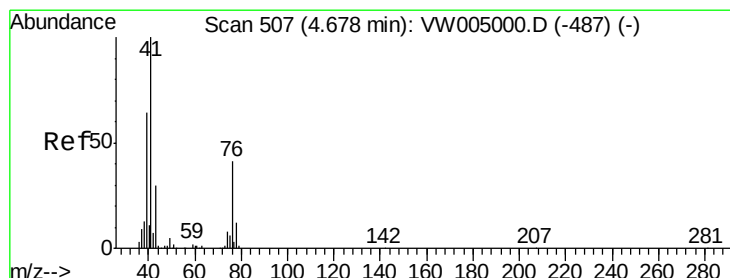
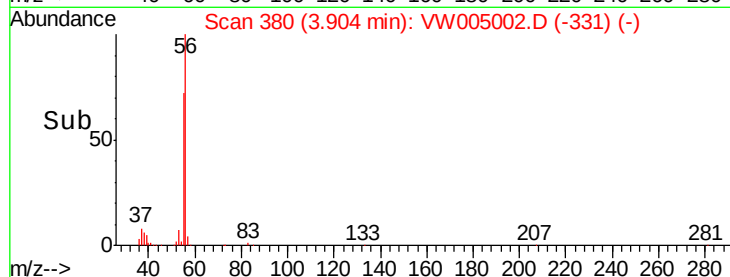
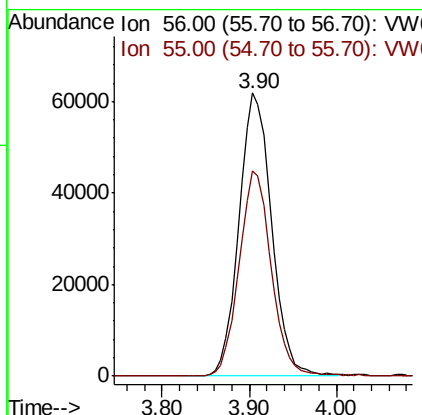
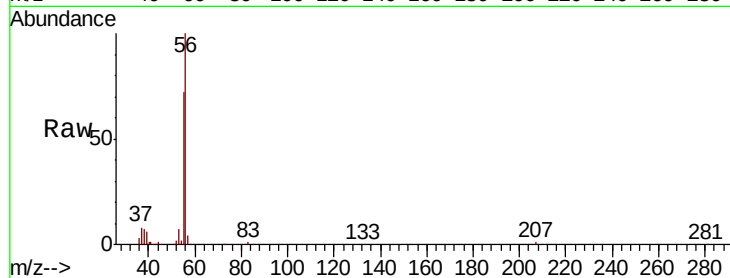




#13
 Acrolein
 Concen: 535.588 ug/l
 RT: 3.90 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

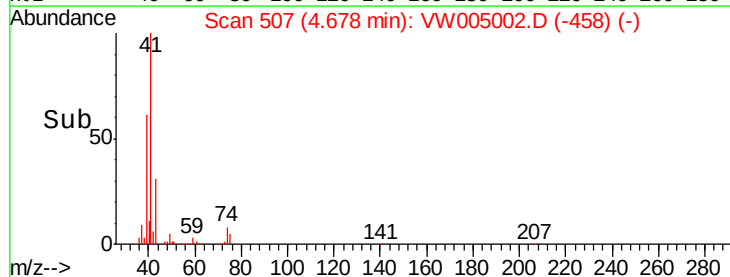
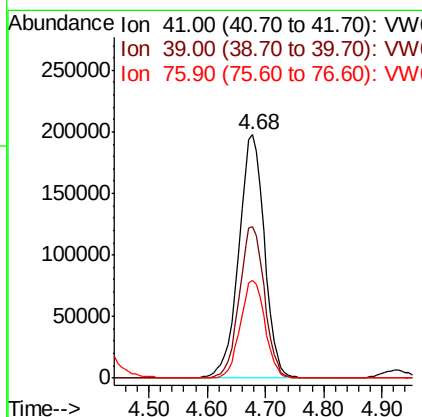
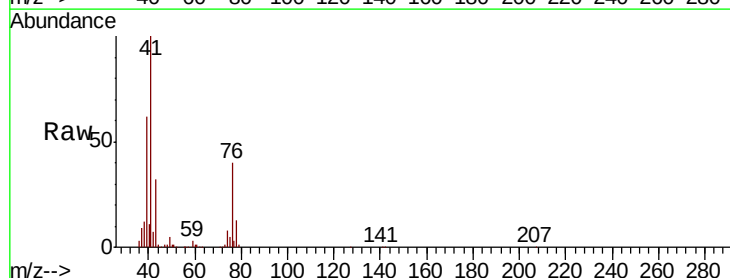
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

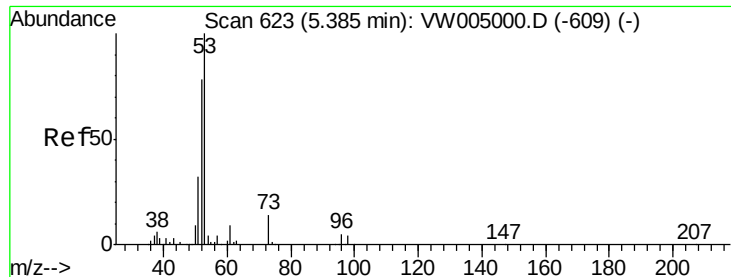
Tgt Ion: 56 Resp: 160393
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.4 84.6



#14
 Allyl chloride
 Concen: 104.350 ug/l
 RT: 4.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 41 Resp: 602407
 Ion Ratio Lower Upper
 41 100
 39 61.3 49.4 74.2
 76 38.4 31.4 47.2





#15

Acrylonitrile

Concen: 544.649 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

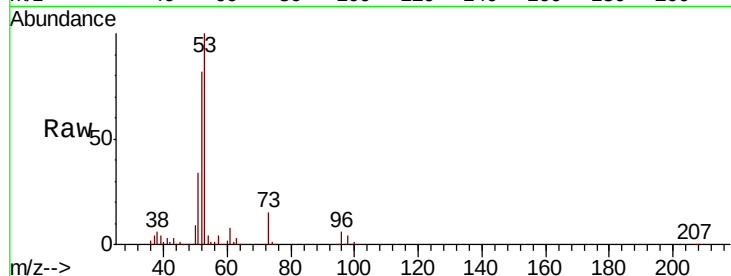
Tgt Ion: 53 Resp: 513448

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

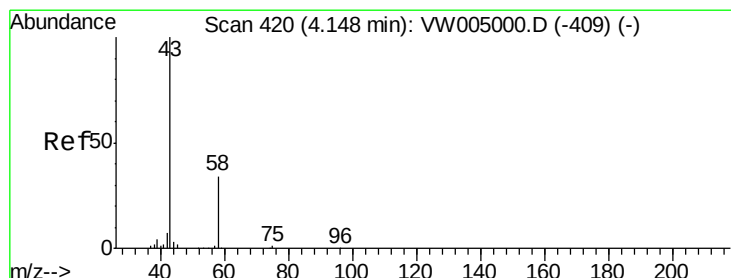
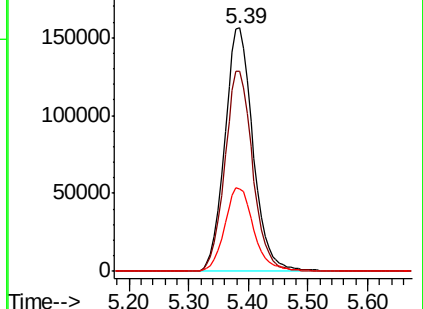
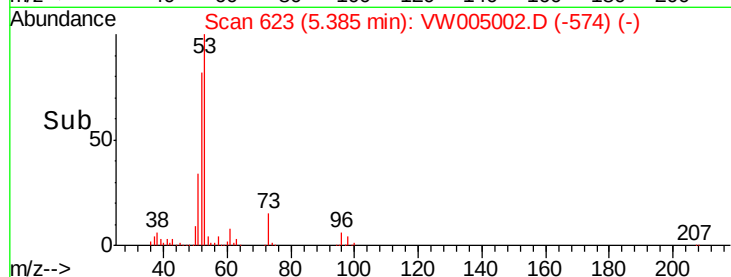
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 501.323 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW005002.D

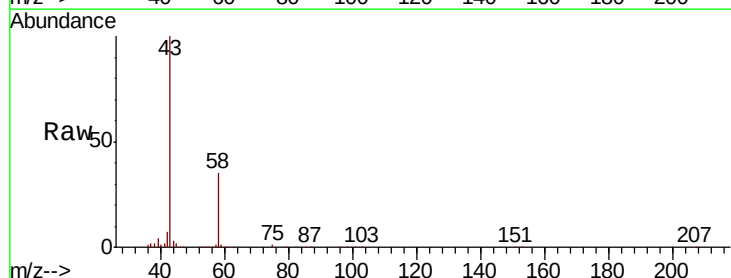
Acq: 29 Aug 2018 14:18

Tgt Ion: 43 Resp: 397046

Ion Ratio Lower Upper

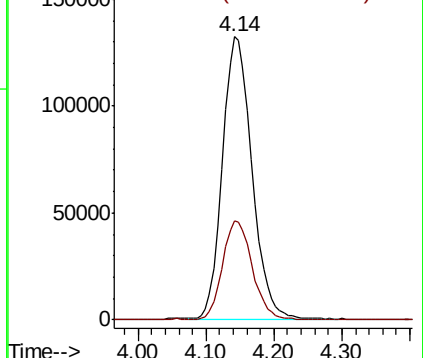
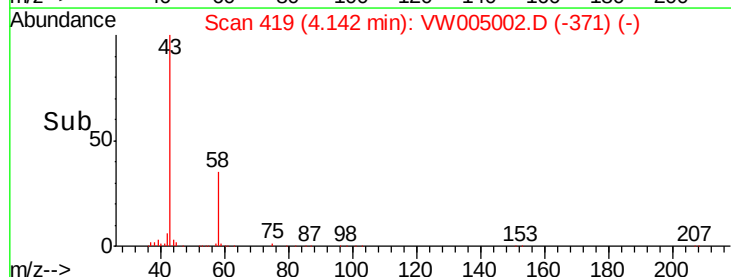
43 100

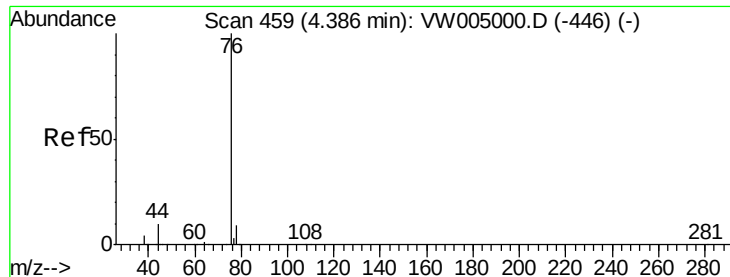
58 35.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

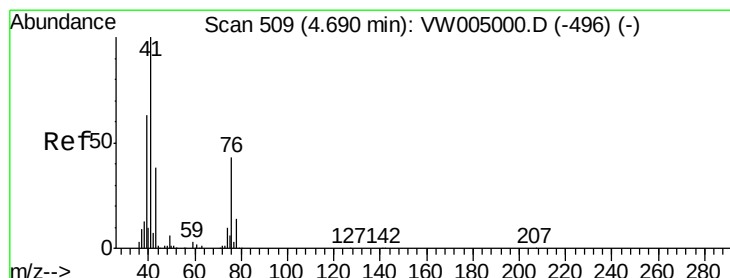
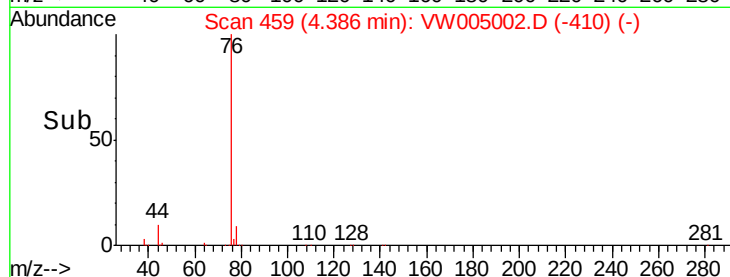
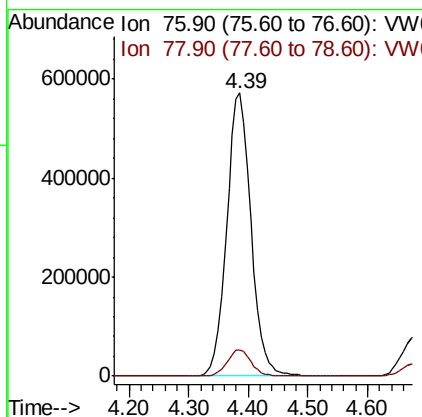
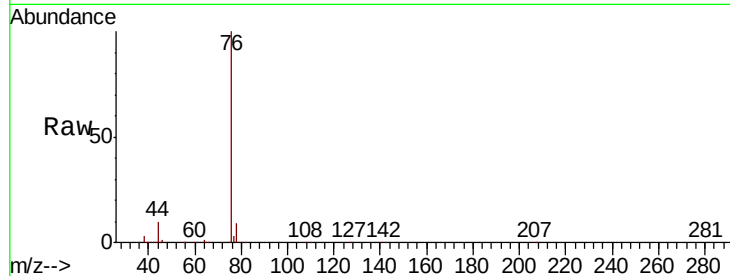




#17
Carbon Disulfide
Concen: 102.308 ug/l
RT: 4.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

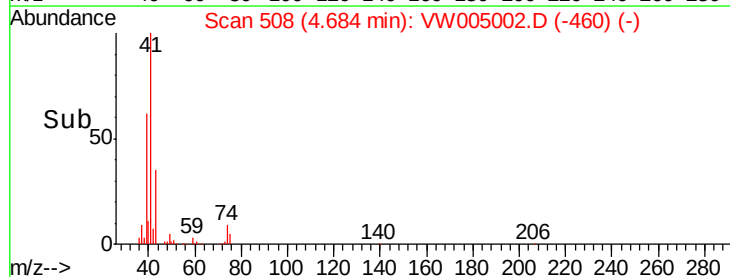
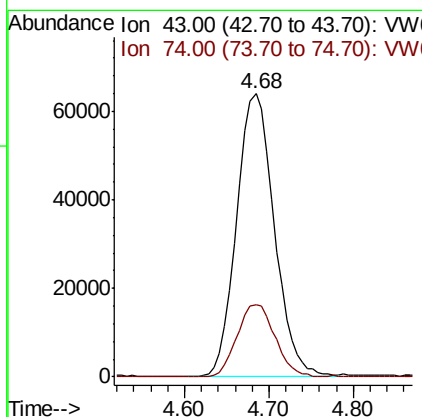
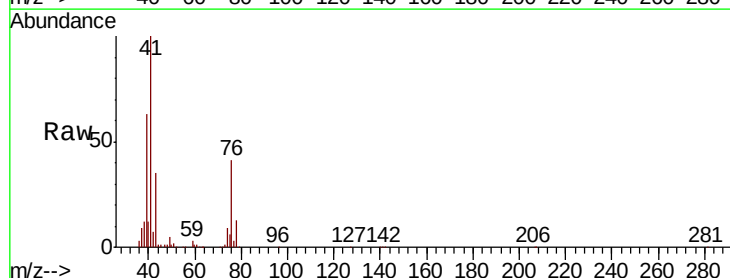
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

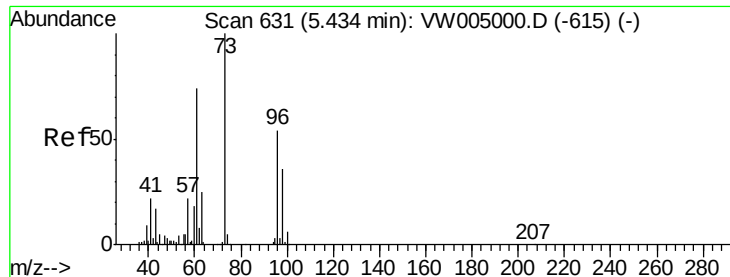
Tgt Ion: 76 Resp: 1612220
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 101.207 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 43 Resp: 194151
Ion Ratio Lower Upper
43 100
74 26.0 20.3 30.5



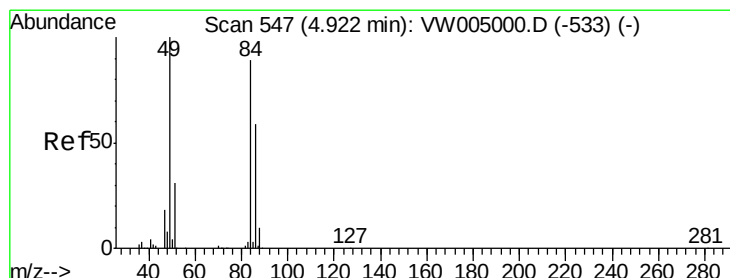
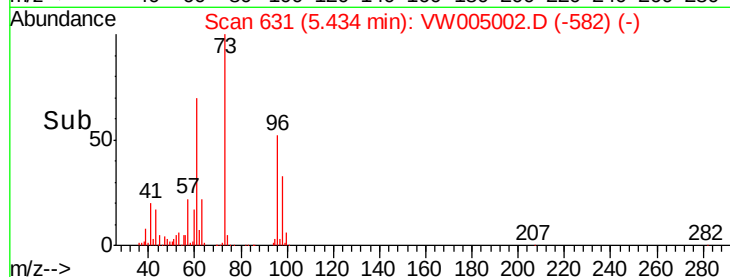
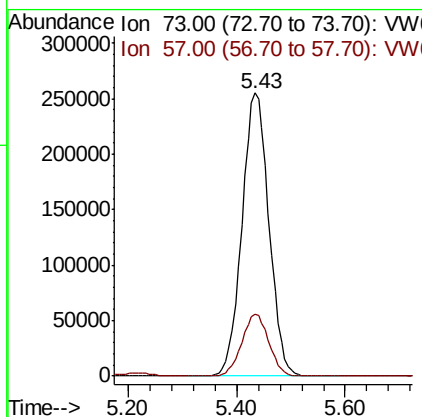
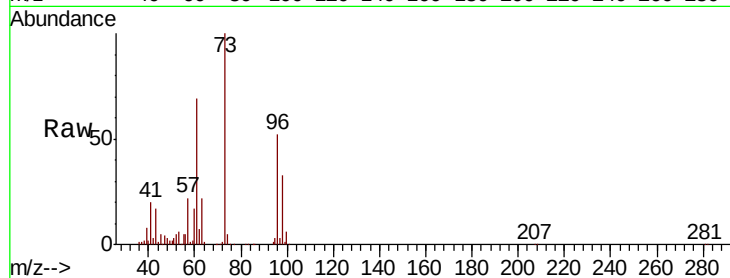


#19

Methyl tert-butyl Ether
 Concen: 108.712 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

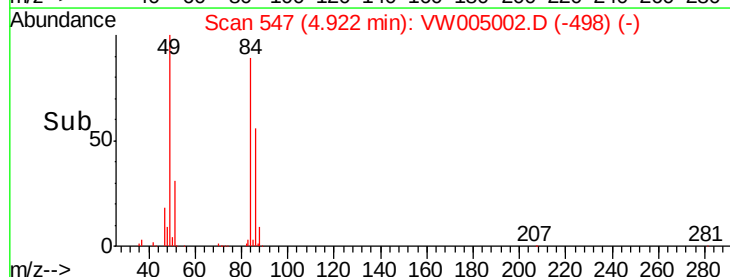
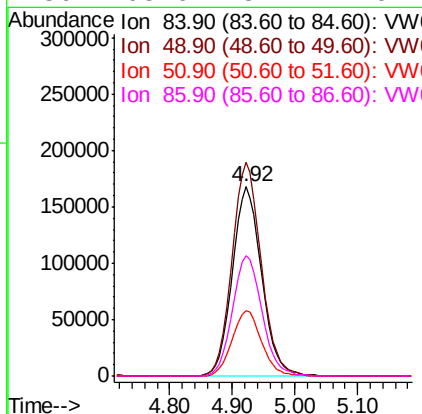
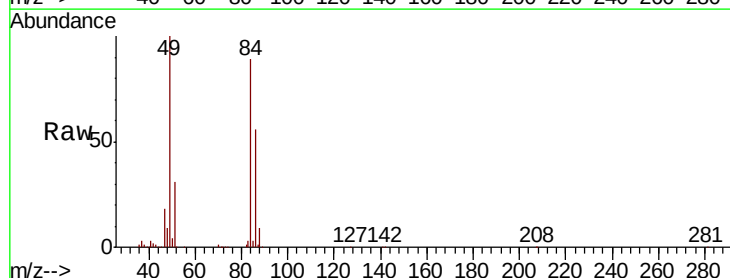
Tgt Ion: 73 Resp: 875841
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.6 26.4

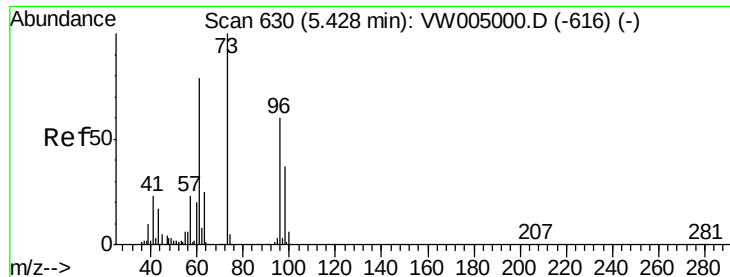


#20

Methylene Chloride
 Concen: 81.157 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 84 Resp: 541603
 Ion Ratio Lower Upper
 84 100
 49 112.9 89.7 134.5
 51 34.6 27.5 41.3
 86 63.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 99.515 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

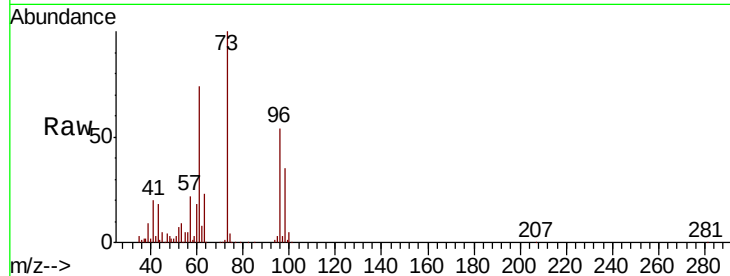
Tgt Ion: 96 Resp: 405102

Ion Ratio Lower Upper

96 100

61 135.4 106.2 159.2

98 65.3 49.5 74.3

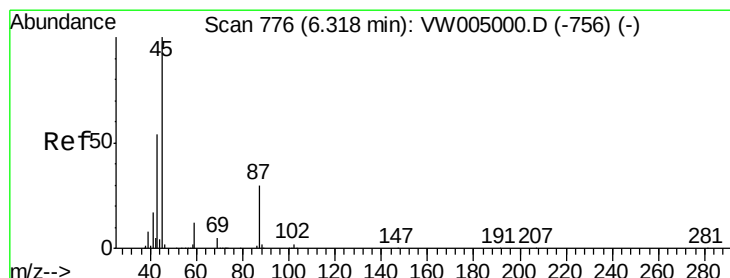
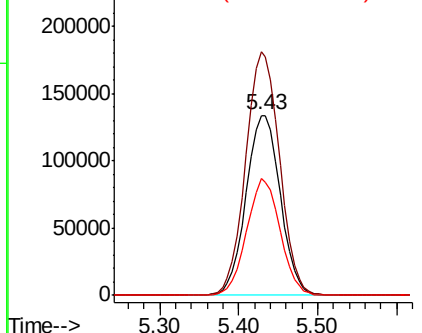
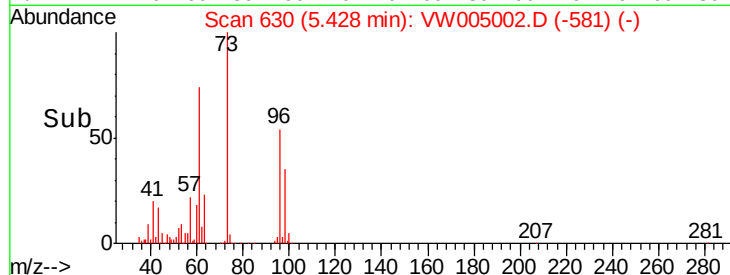


Abundance

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: 112.191 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Tgt Ion: 45 Resp: 1322144

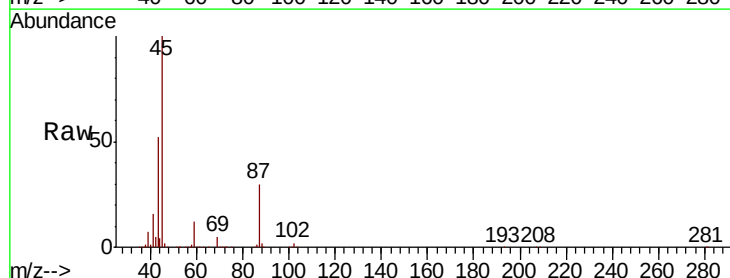
Ion Ratio Lower Upper

45 100

43 51.7 43.5 65.3

87 29.7 23.8 35.8

59 12.1 9.8 14.6



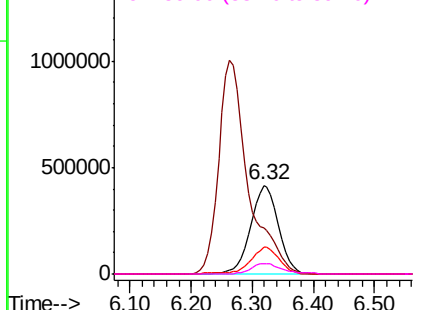
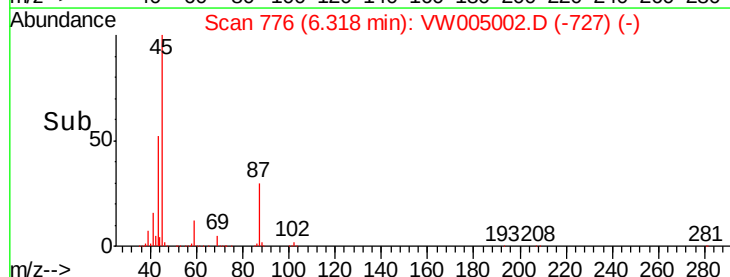
Abundance

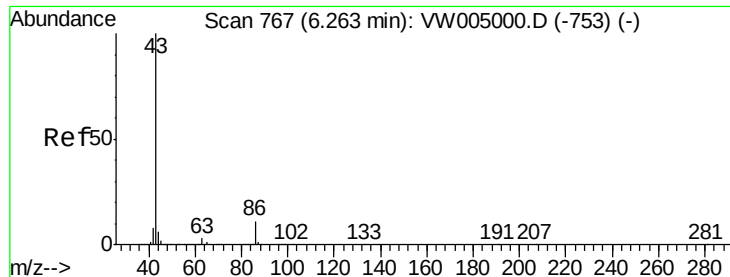
Ion 45.00 (44.70 to 45.70): VW

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: 558.538 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

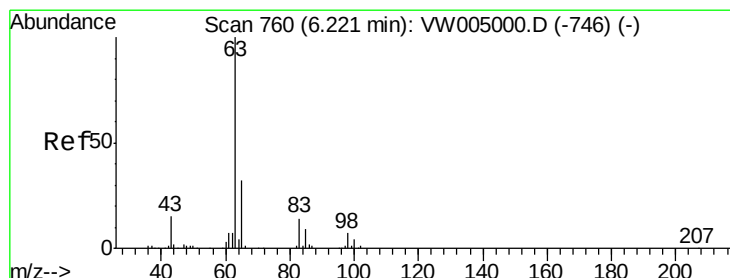
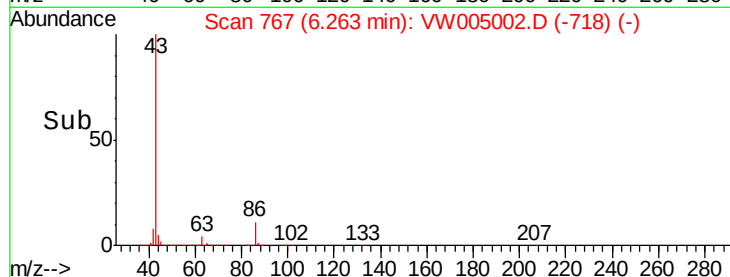
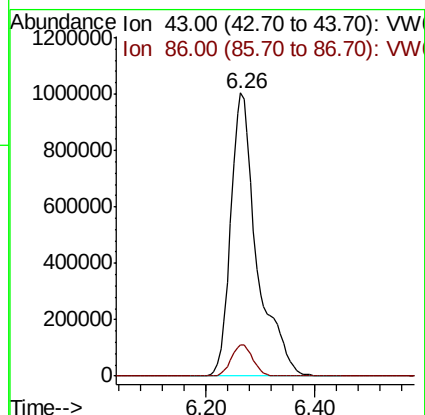
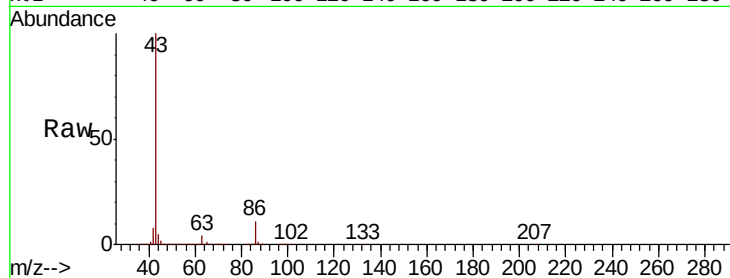
VSTDIC100

Tgt Ion: 43 Resp: 3365299

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6



#24

1,1-Dichloroethane

Concen: 98.027 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

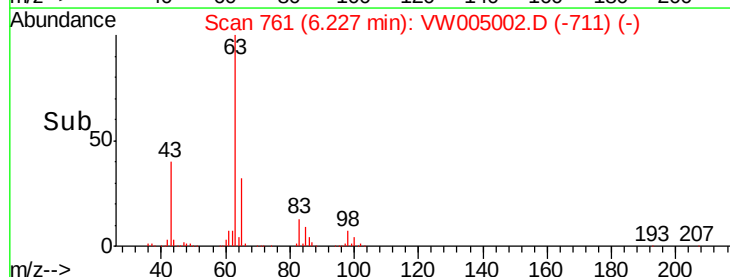
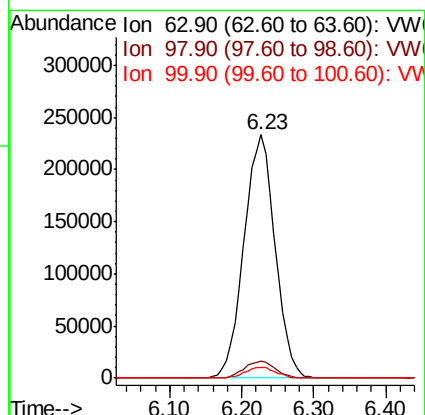
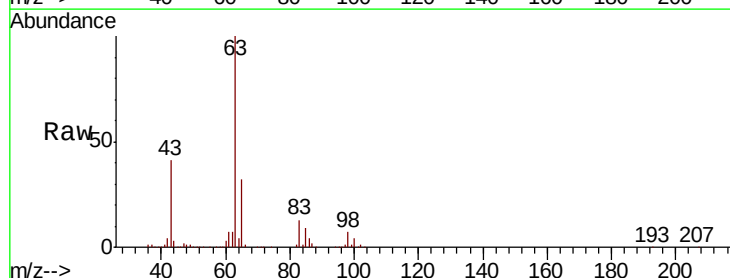
Tgt Ion: 63 Resp: 698966

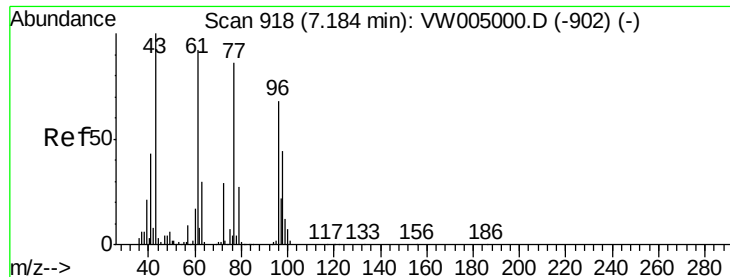
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 513.775 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

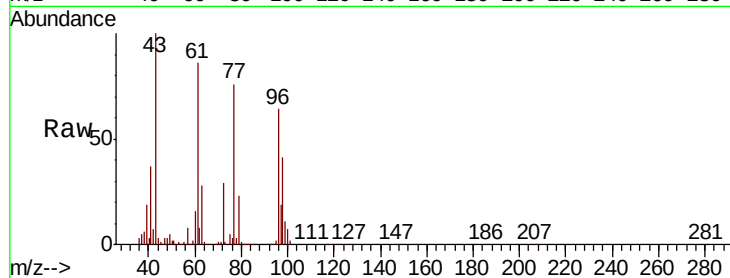
VSTDIC100

Tgt Ion: 43 Resp: 634539

Ion Ratio Lower Upper

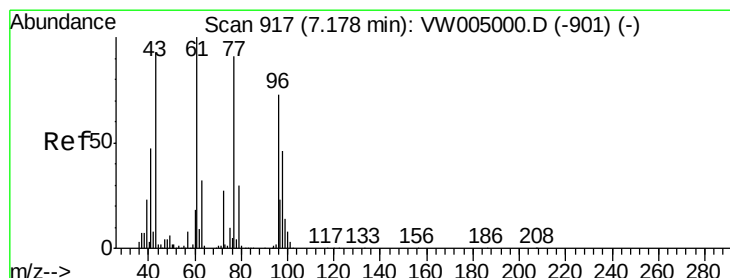
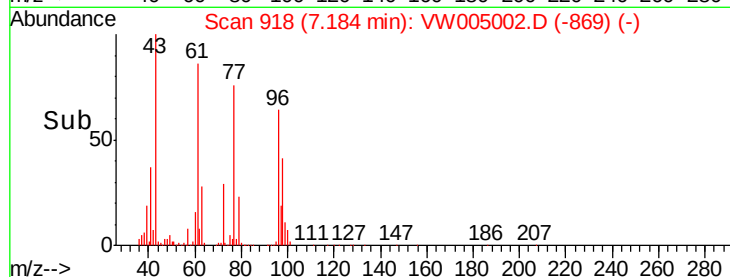
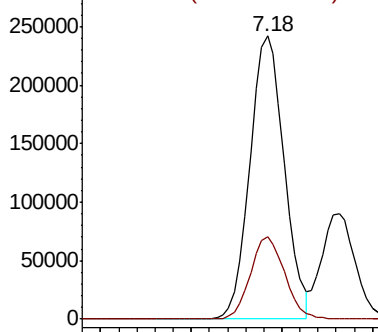
43 100

72 29.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 92.946 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005002.D

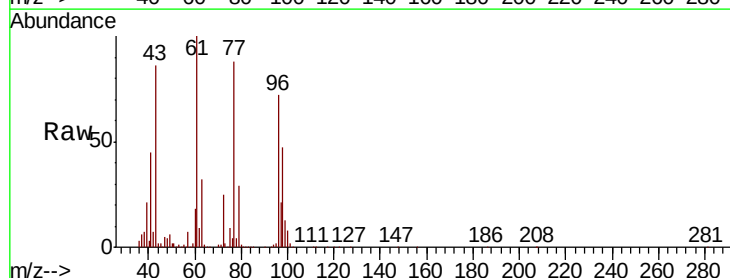
Acq: 29 Aug 2018 14:18

Tgt Ion: 77 Resp: 581692

Ion Ratio Lower Upper

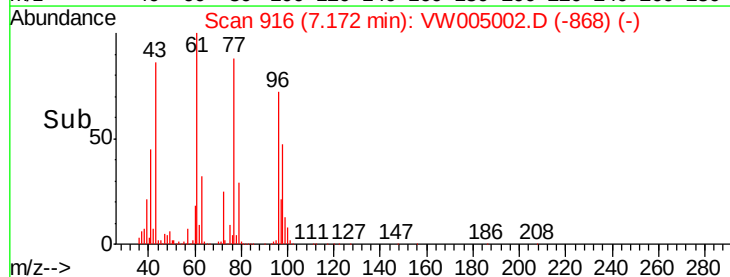
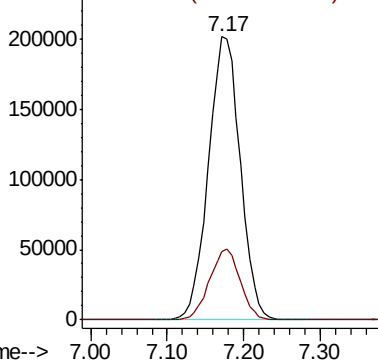
77 100

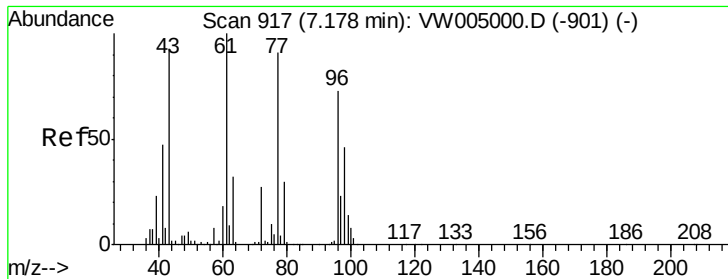
97 24.2 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



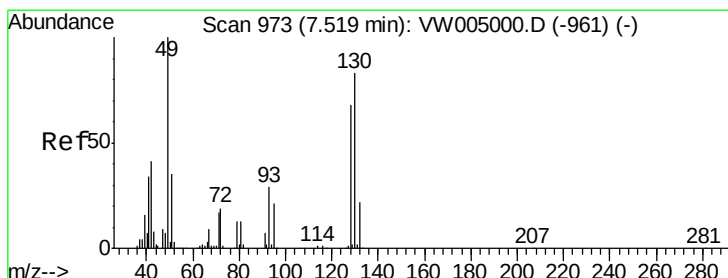
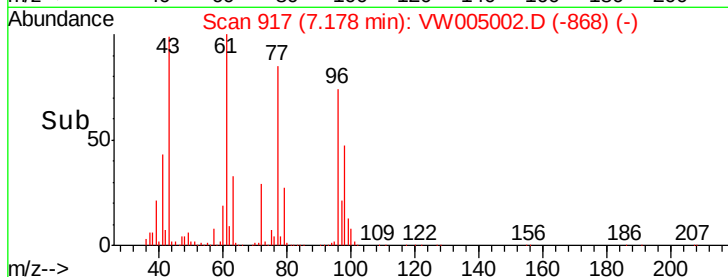
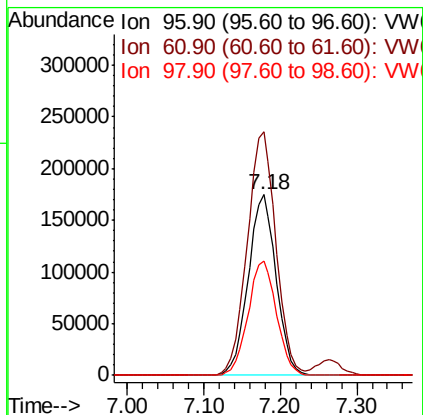
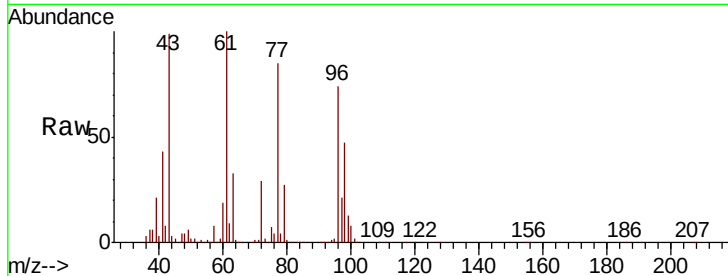


#27

cis-1,2-Dichloroethene
 Concen: 100.396 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

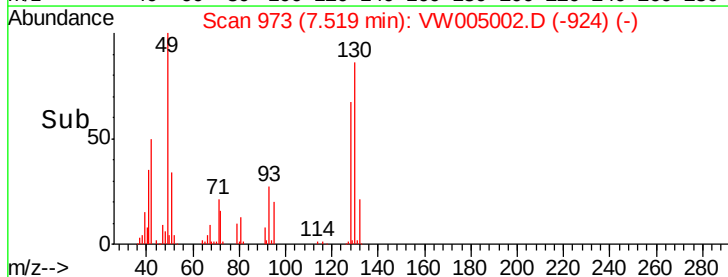
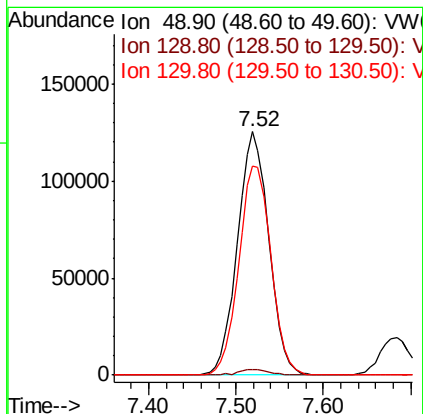
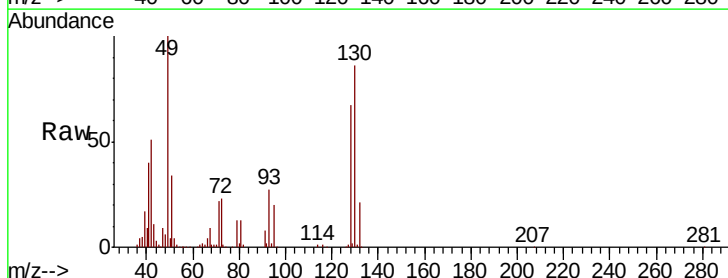
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	281.6
98	64.4	0.0	129.0

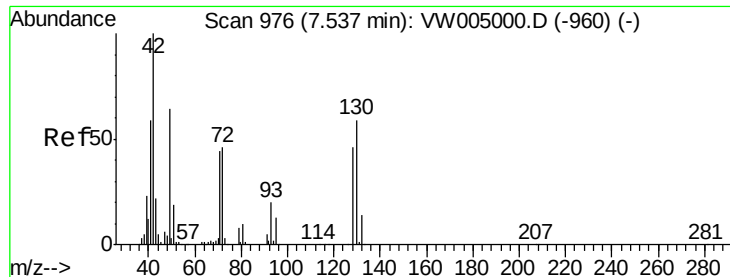


#28

Bromochloromethane
 Concen: 99.811 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.7	68.2	102.2





#29

Tetrahydrofuran

Concen: 539.846 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

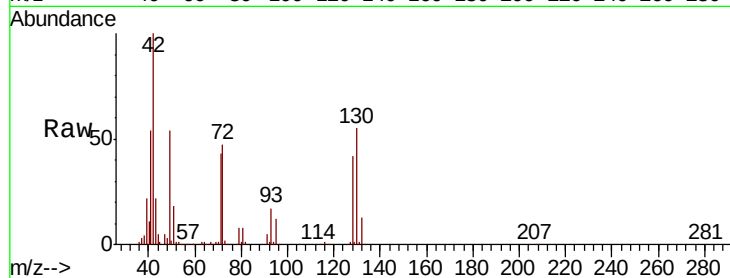
Tgt Ion: 42 Resp: 336812

Ion Ratio Lower Upper

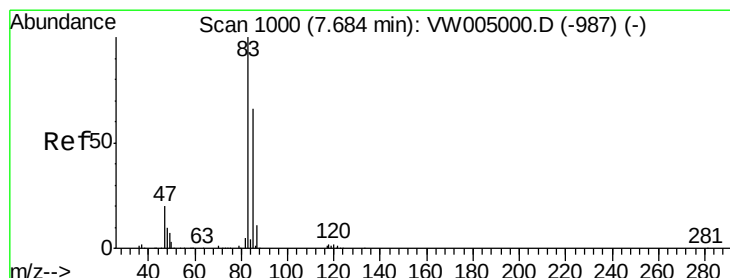
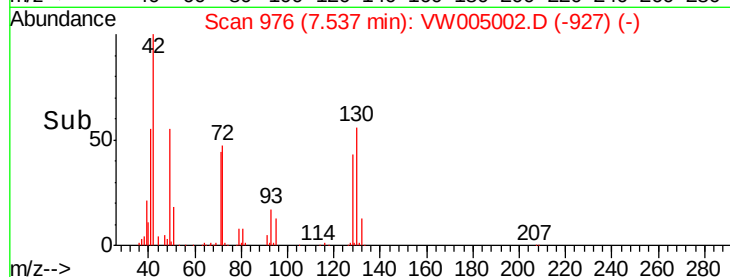
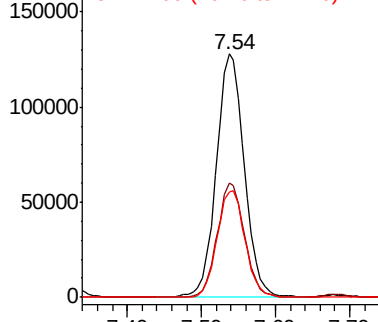
42 100

72 46.1 36.6 55.0

71 43.9 35.4 53.2



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



#30

Chloroform

Concen: 97.012 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005002.D

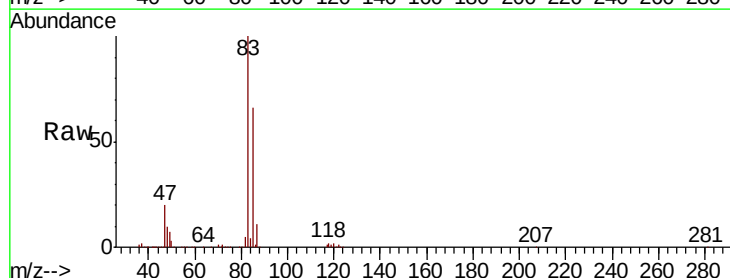
Acq: 29 Aug 2018 14:18

Tgt Ion: 83 Resp: 680376

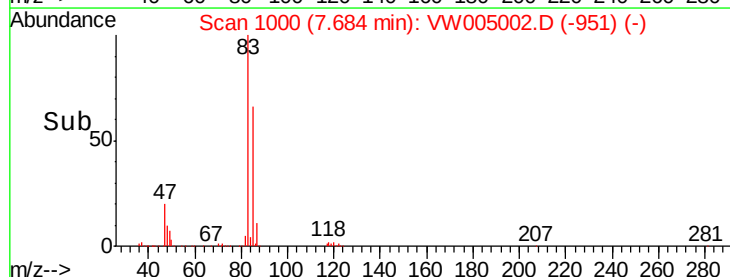
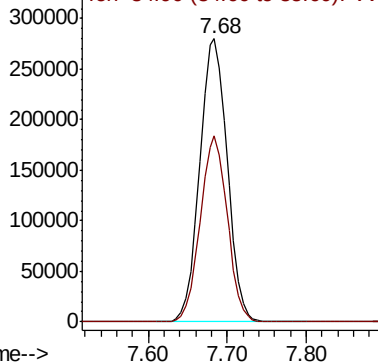
Ion Ratio Lower Upper

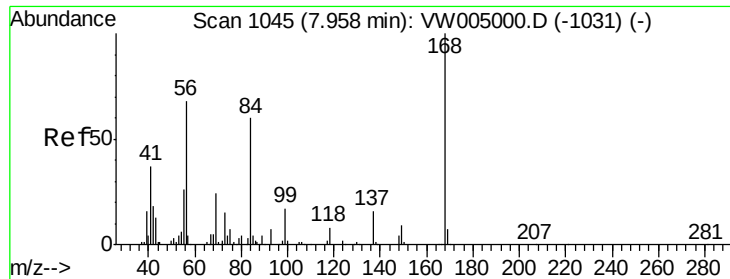
83 100

85 65.6 52.6 78.8



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

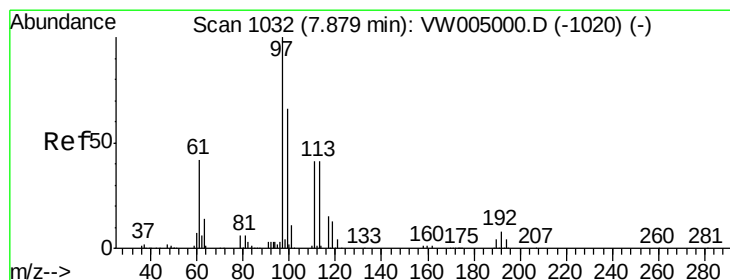
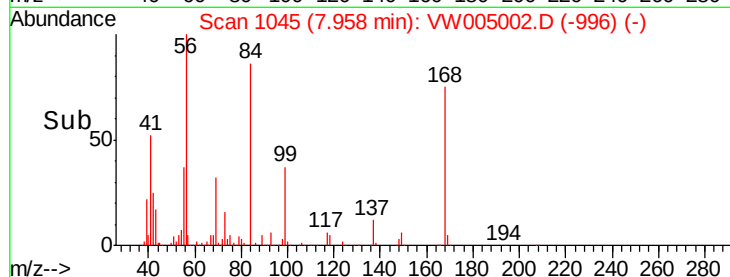
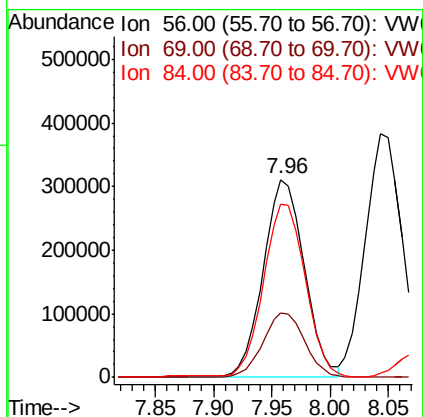
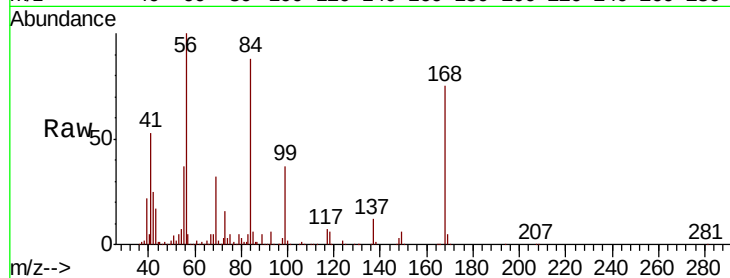




#31
Cyclohexane
Concen: 100.667 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

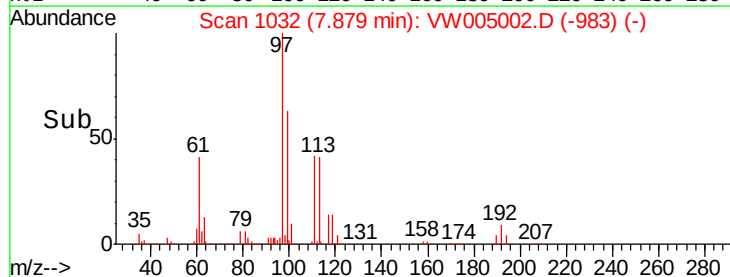
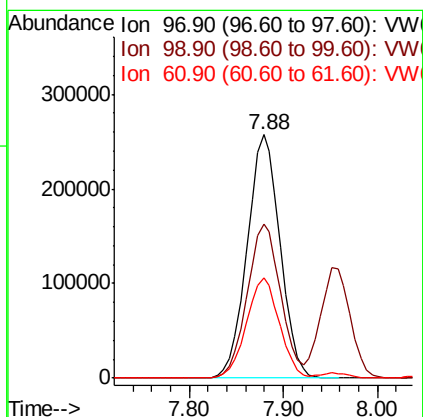
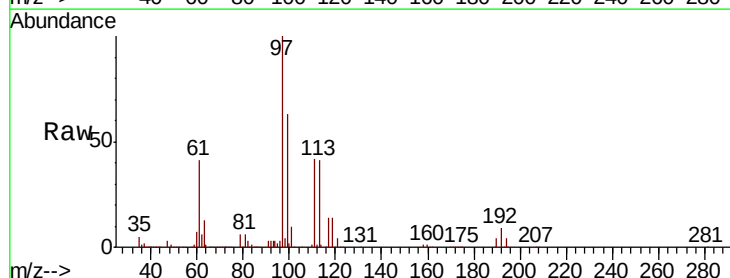
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

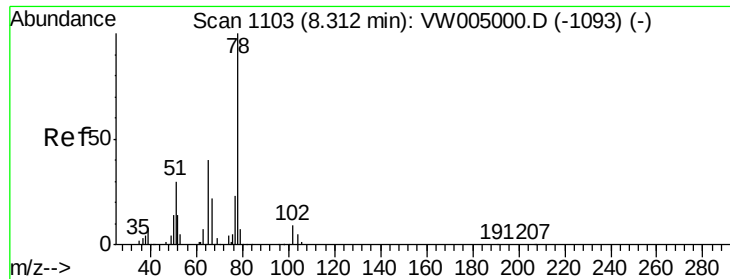
Tgt Ion: 56 Resp: 760743
Ion Ratio Lower Upper
56 100
69 32.4 27.9 41.9
84 86.7 70.5 105.7



#32
1,1,1-Trichloroethane
Concen: 97.557 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 97 Resp: 629552
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 41.2 33.2 49.8

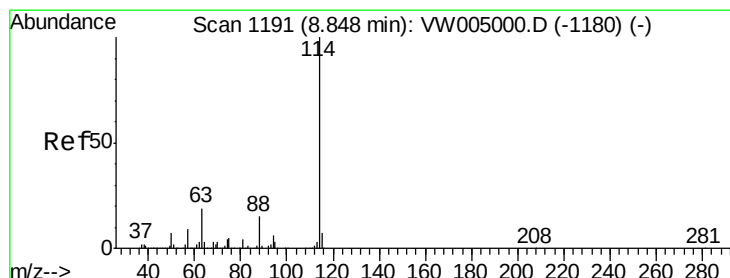
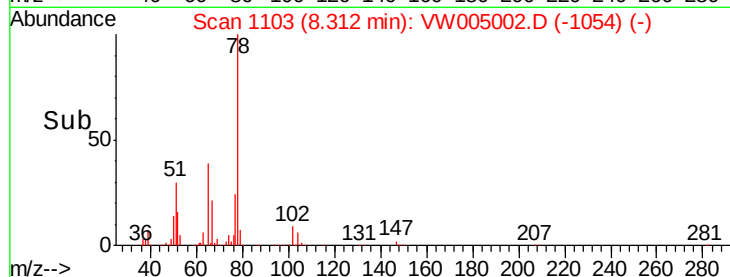
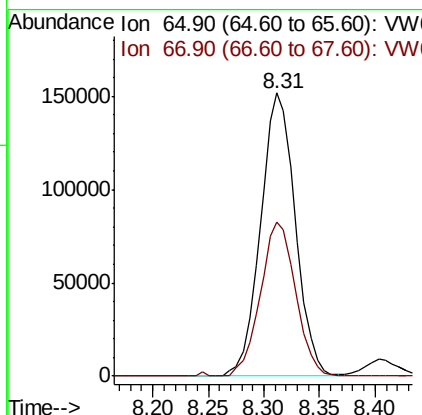
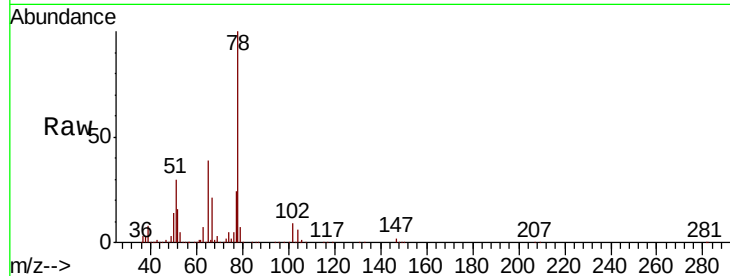




#33
 1,2-Dichloroethane-d4
 Concen: 93.662 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

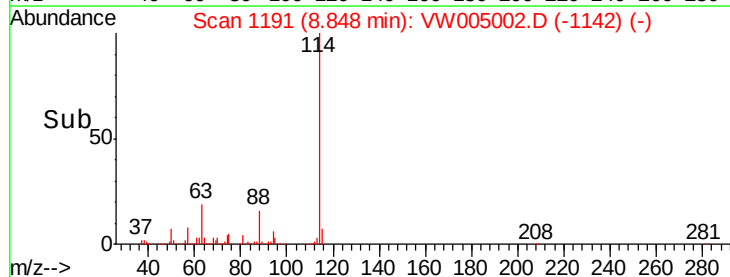
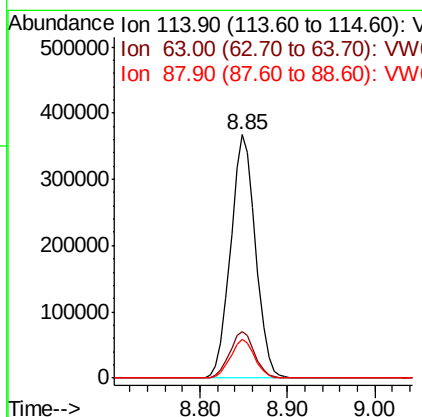
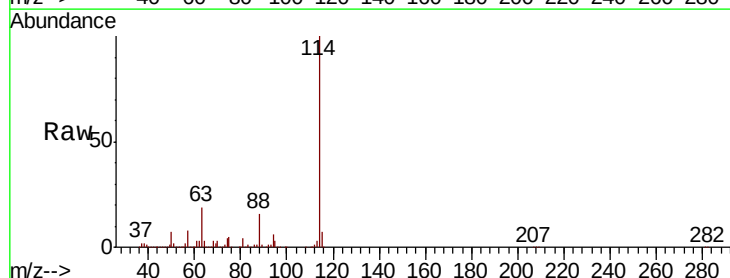
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

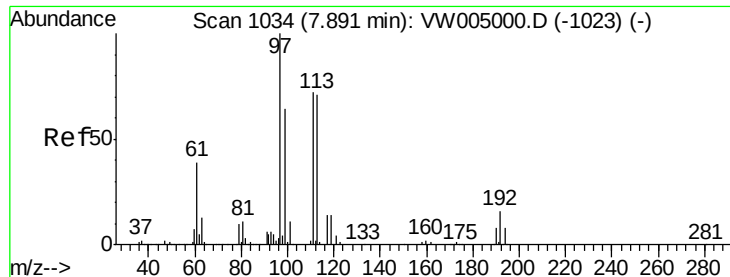
Tgt Ion: 65 Resp: 328939
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 114 Resp: 725661
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.7 0.0 30.6

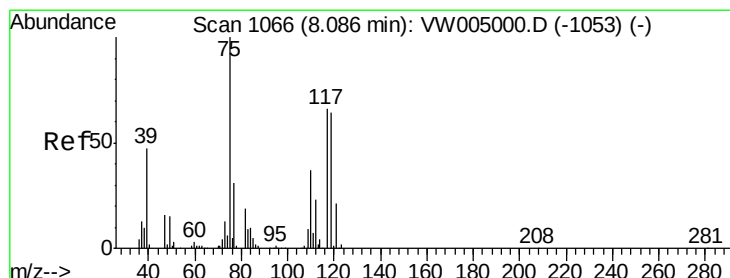
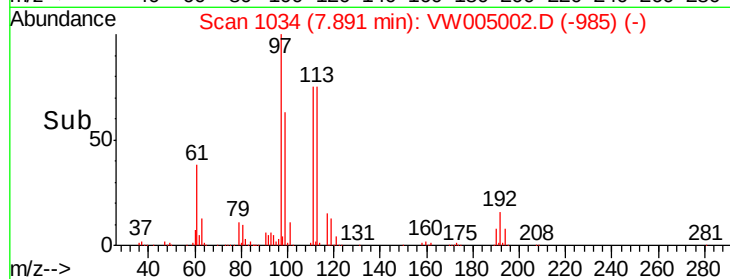
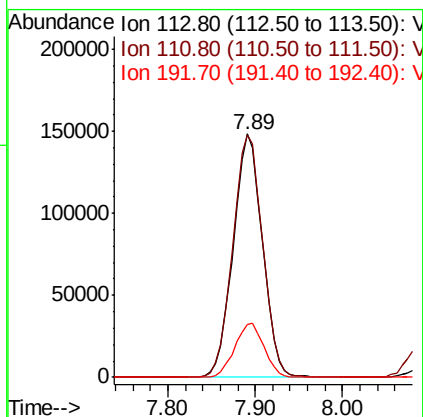
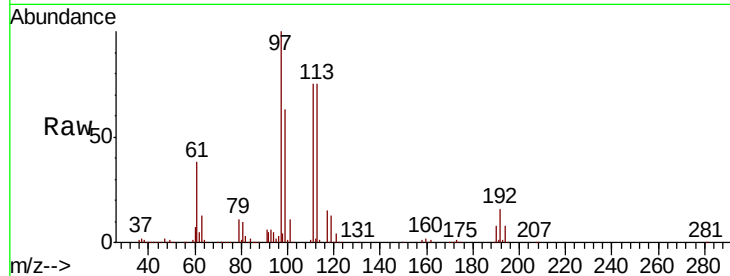




#35
 Dibromofluoromethane
 Concen: 95.772 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

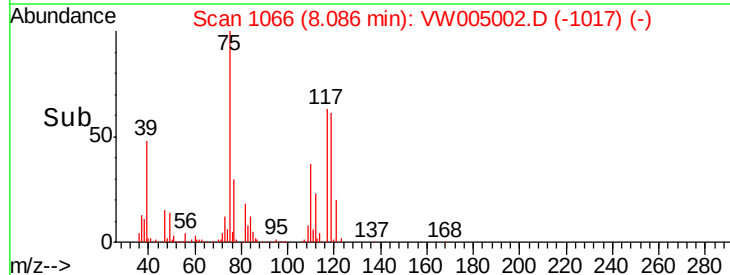
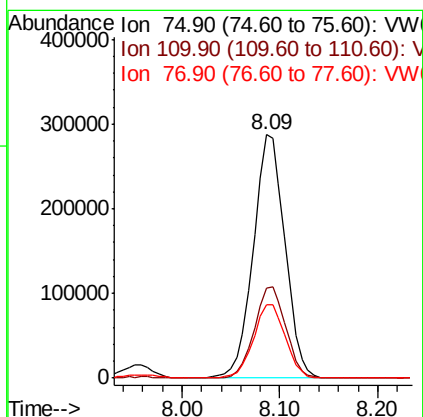
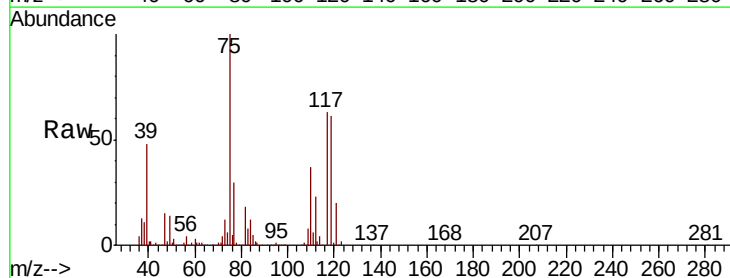
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

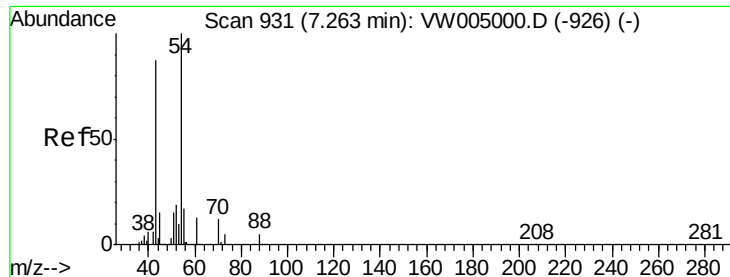
Tgt Ion:113 Resp: 344392
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 22.3 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 104.692 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 75 Resp: 643711
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.7 56.1
 77 30.6 24.9 37.3

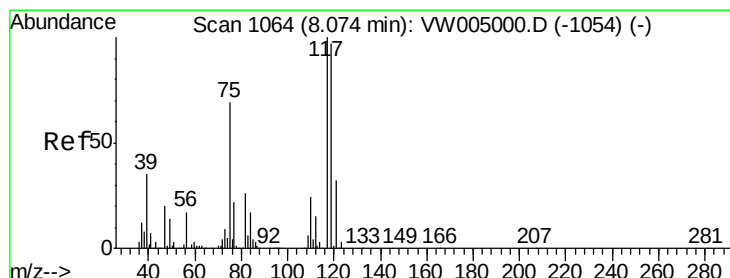
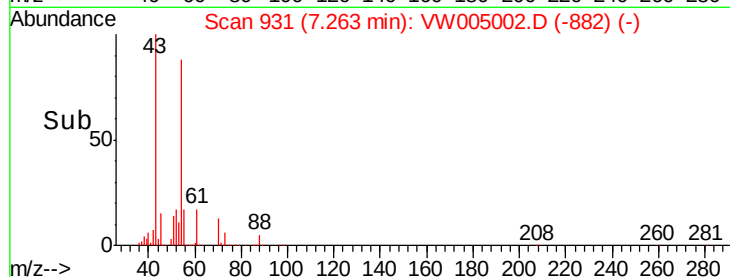
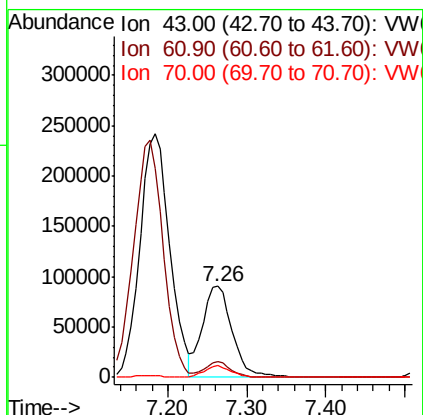
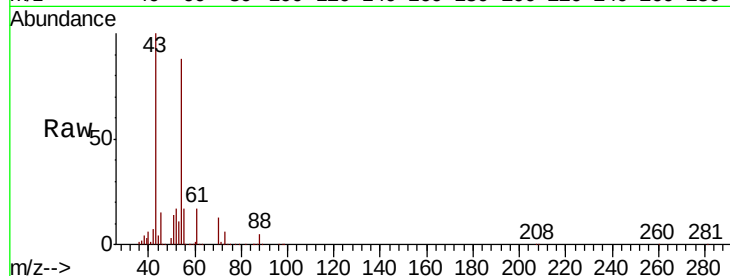




#37
Ethyl Acetate
Concen: 107.314 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

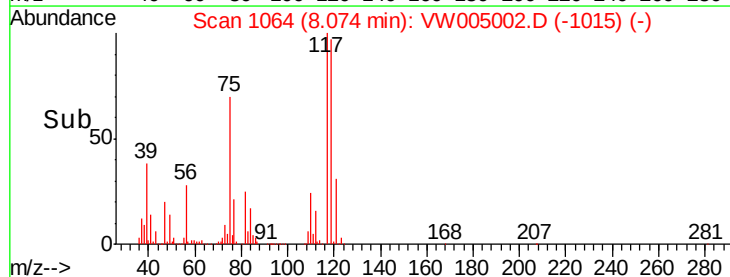
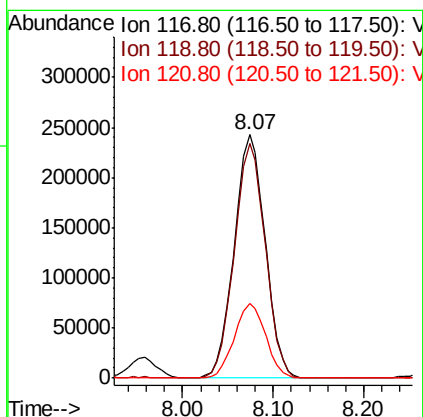
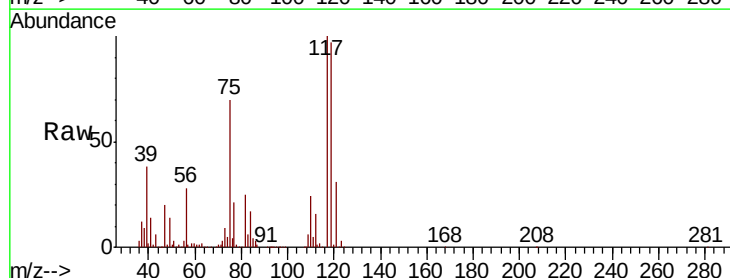
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

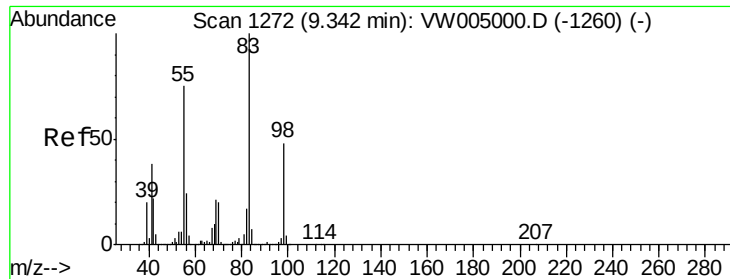
Tgt Ion: 43 Resp: 237832
Ion Ratio Lower Upper
43 100
61 14.8 12.3 18.5
70 11.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 96.485 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 117 Resp: 574126
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.8
121 30.6 25.2 37.8

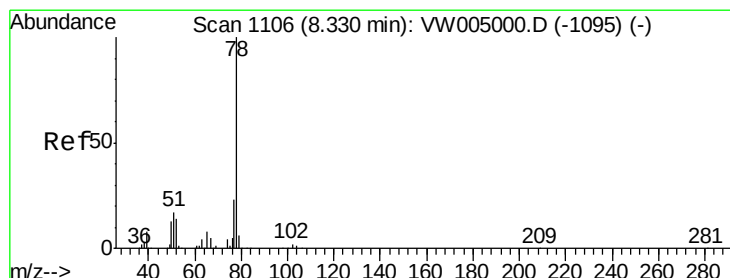
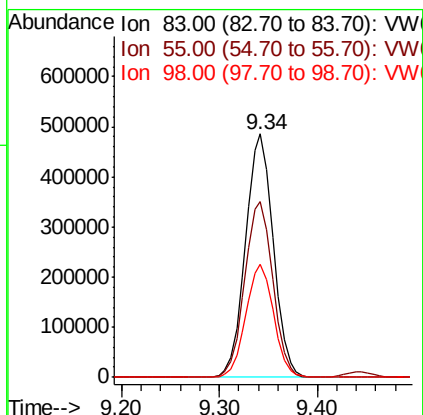
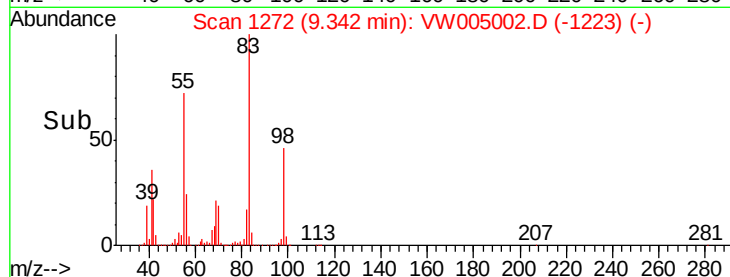
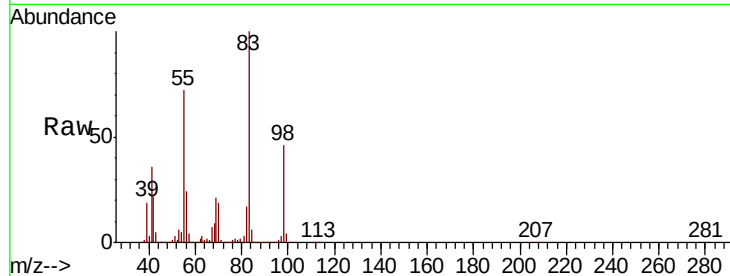




#39
Methylcyclohexane
Concen: 112.722 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

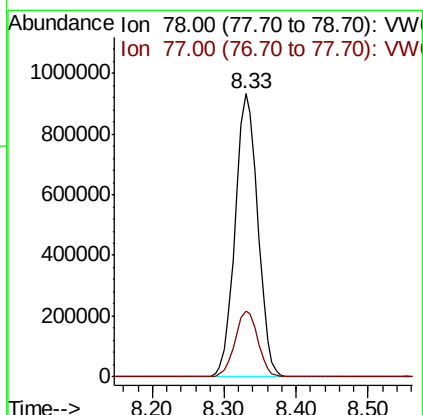
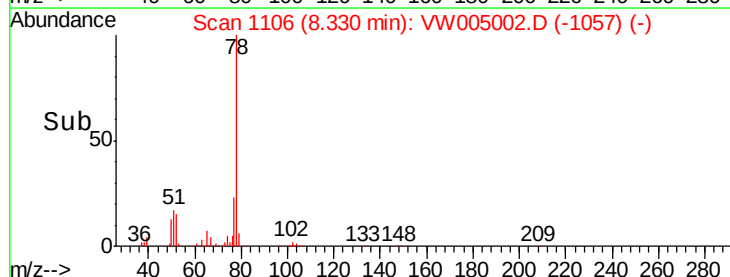
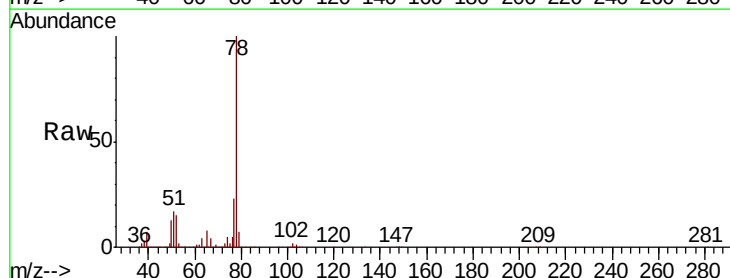
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

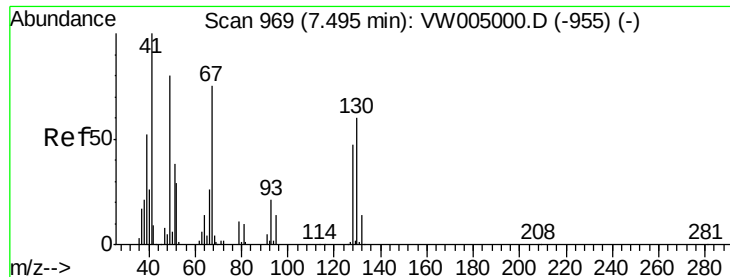
Tgt Ion: 83 Resp: 955426
Ion Ratio Lower Upper
83 100
55 72.4 60.2 90.2
98 46.4 38.6 57.8



#40
Benzene
Concen: 103.502 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 78 Resp: 2037042
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

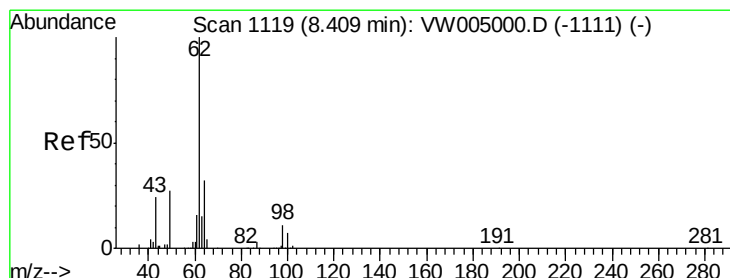
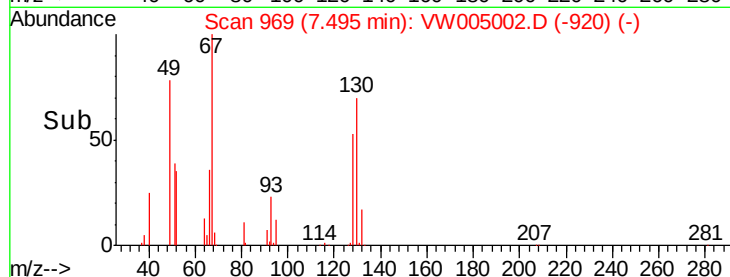
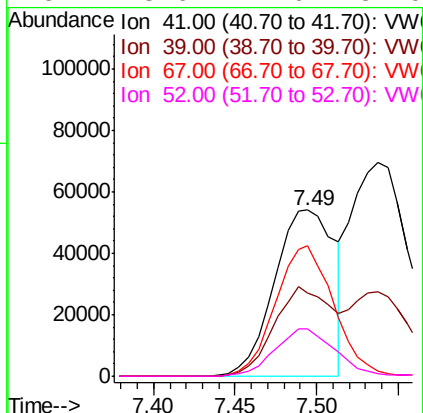
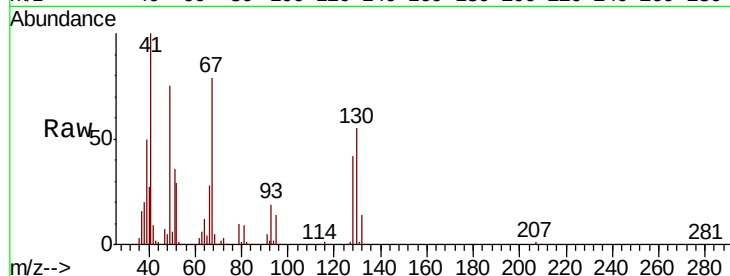




#41
Methacrylonitrile
Concen: 106.695 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

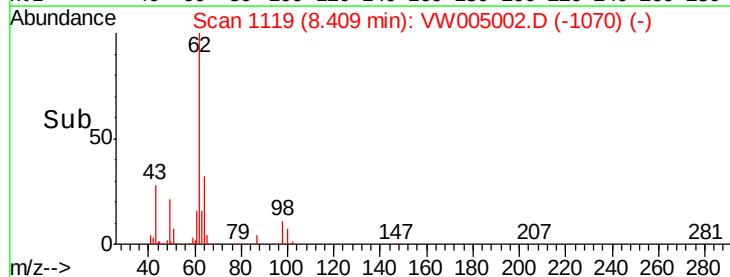
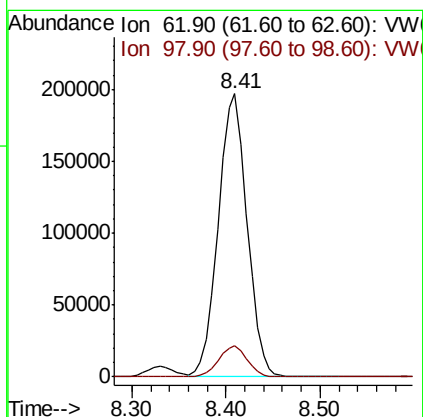
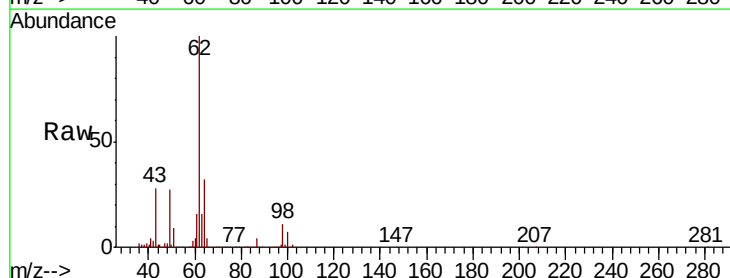
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

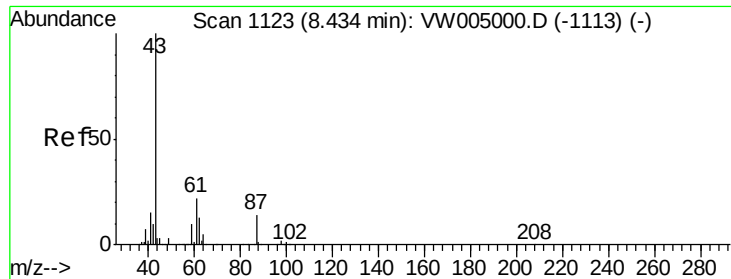
Tgt Ion:	41	Resp:	137798
Ion	Ratio	Lower	Upper
41	100		
39	51.6	42.0	63.0
67	77.0	63.4	95.2
52	28.6	24.6	37.0



#42
1,2-Dichloroethane
Concen: 95.263 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion:	62	Resp:	417194
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 108.720 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

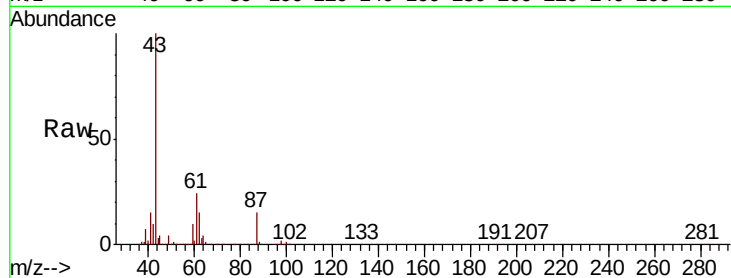
Tgt Ion: 43 Resp: 479442

Ion Ratio Lower Upper

43 100

61 31.5 26.2 39.4

87 15.2 11.8 17.6

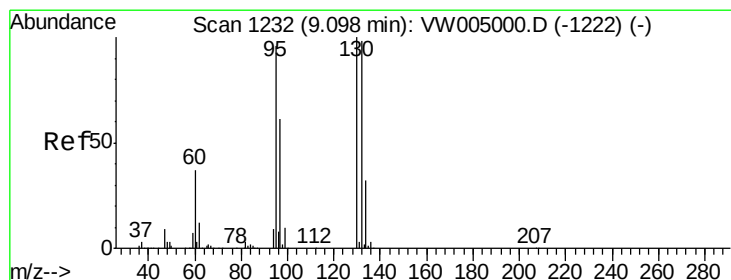
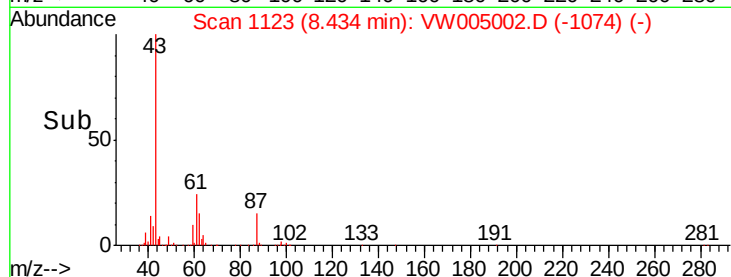
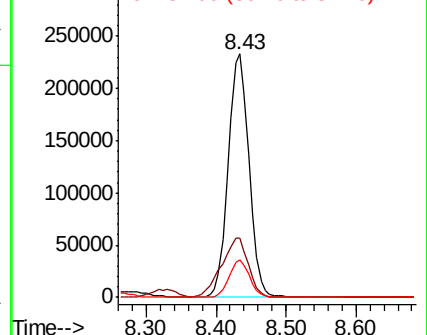


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 101.963 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005002.D

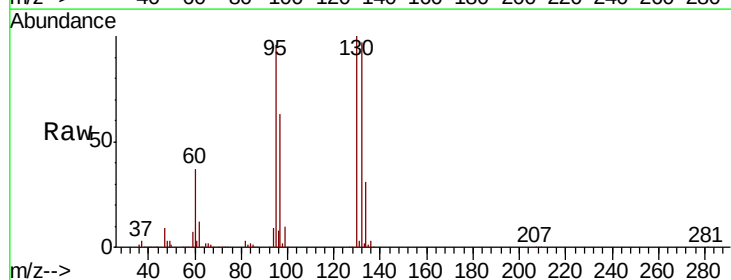
Acq: 29 Aug 2018 14:18

Tgt Ion: 130 Resp: 512572

Ion Ratio Lower Upper

130 100

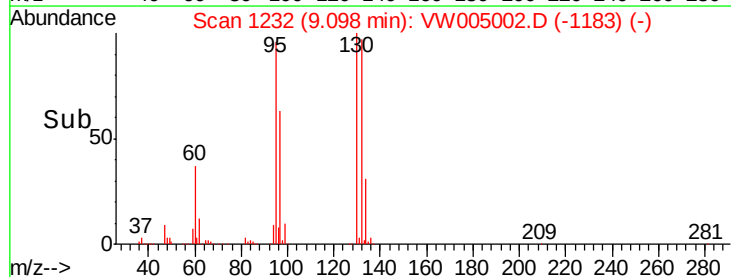
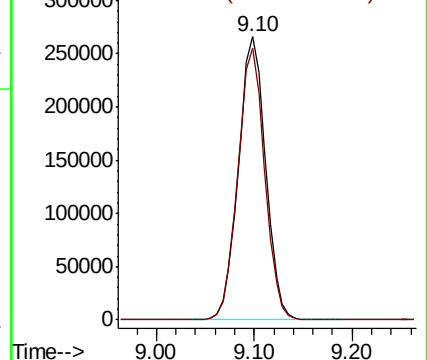
95 96.1 0.0 192.2

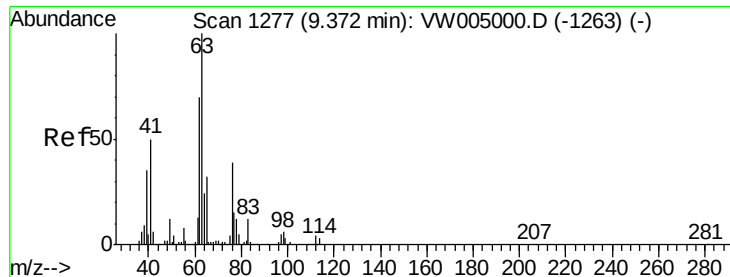


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

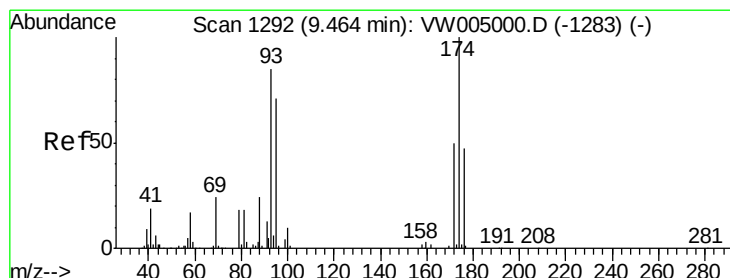
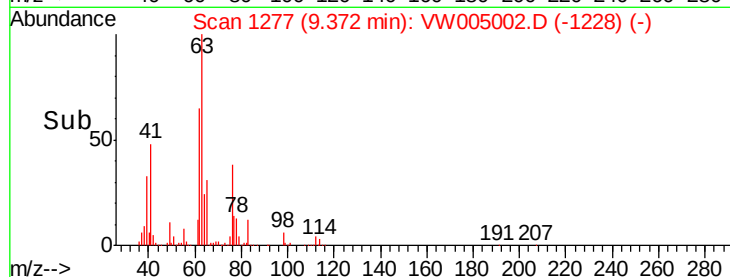
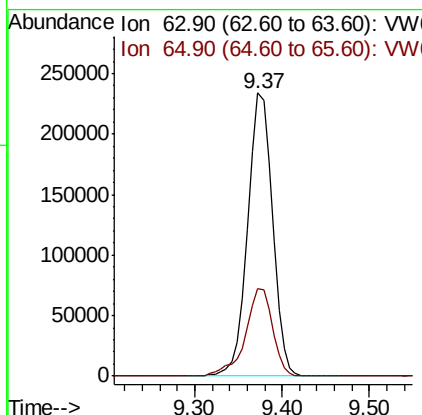
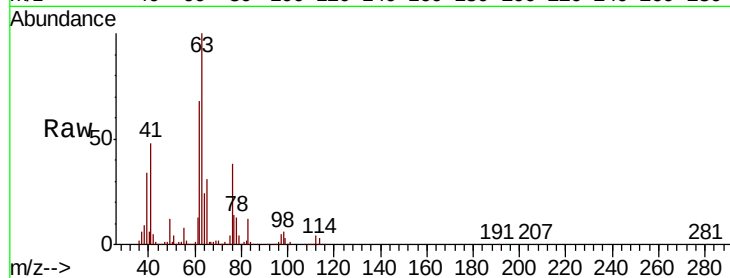




#45
 1,2-Dichloropropane
 Concen: 102.432 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

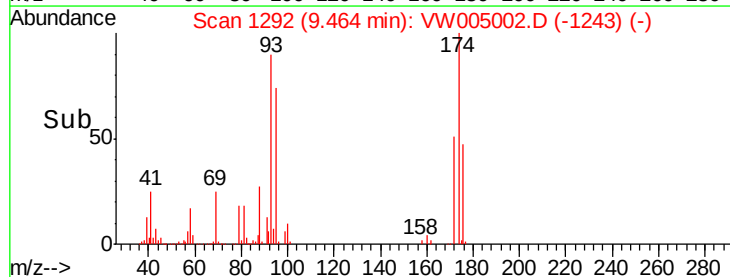
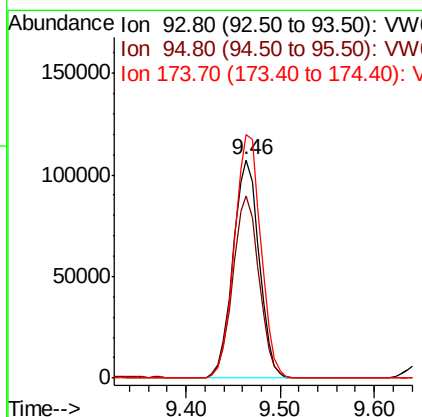
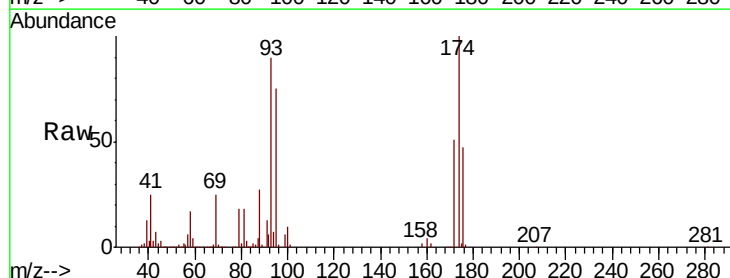
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

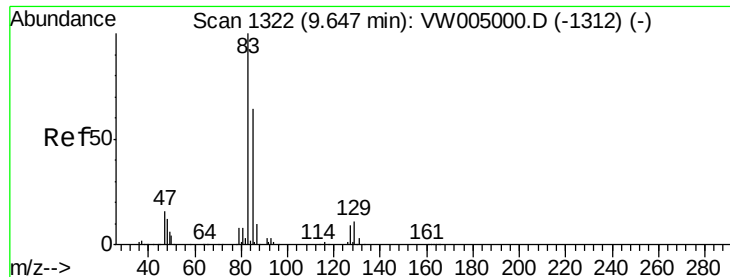
Tgt Ion: 63 Resp: 461248
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.3 37.9



#46
 Dibromomethane
 Concen: 97.011 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 93 Resp: 206756
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.0 102.0
 174 113.6 91.4 137.0





#47

Bromodichloromethane

Concen: 99.372 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

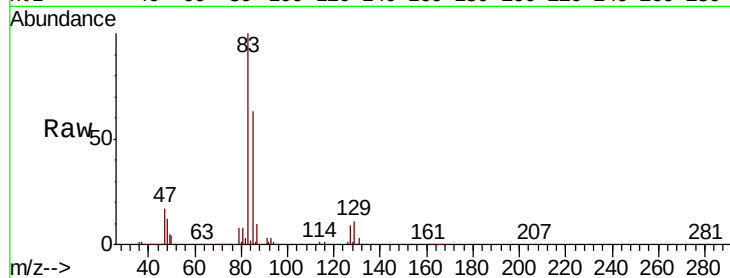
Tgt Ion: 83 Resp: 523313

Ion Ratio Lower Upper

83 100

85 63.4 51.3 76.9

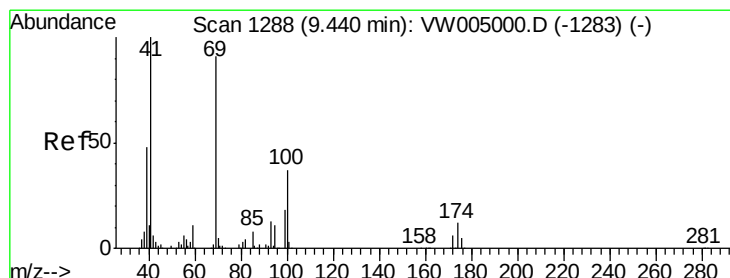
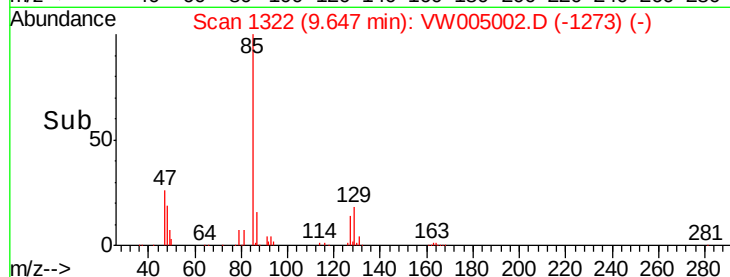
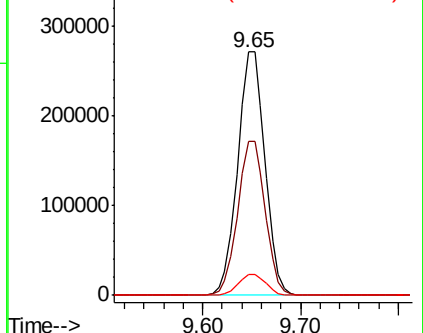
127 8.7 7.2 10.8



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: 118.346 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

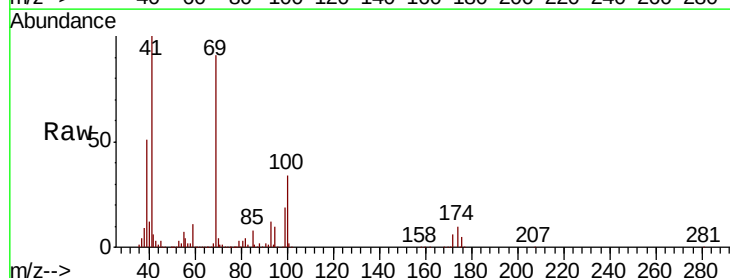
Tgt Ion: 41 Resp: 277099

Ion Ratio Lower Upper

41 100

69 91.9 72.5 108.7

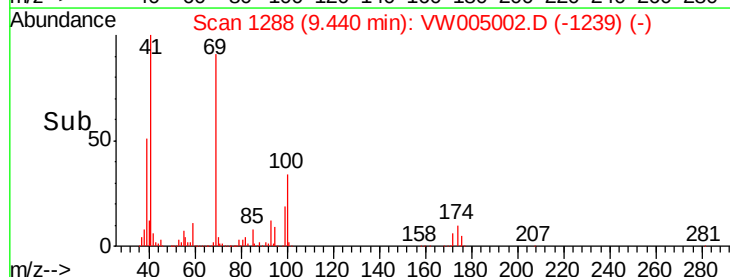
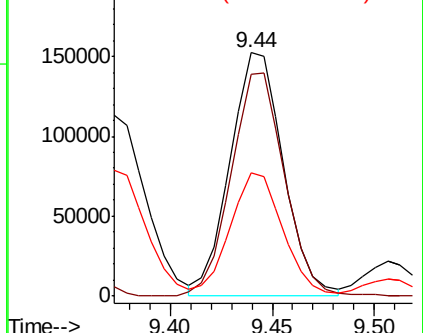
39 47.1 37.0 55.6

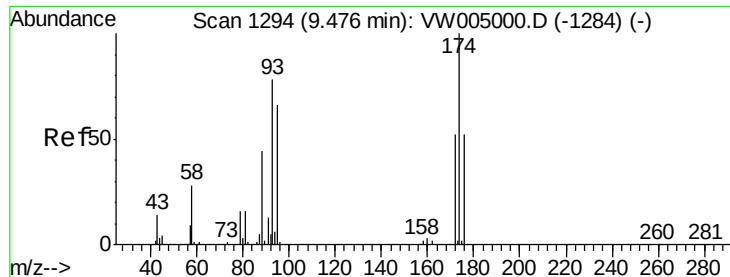


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

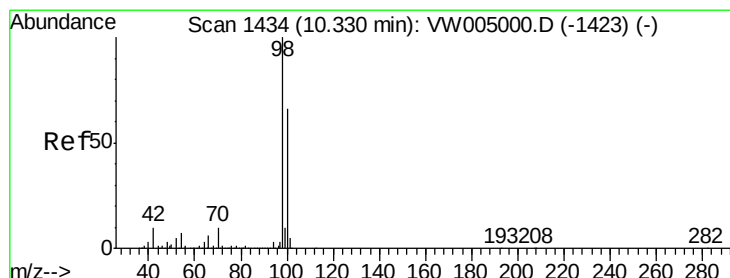
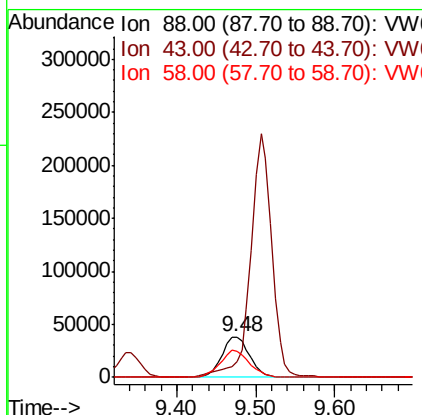
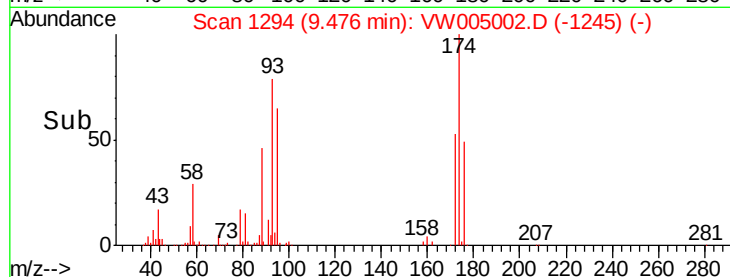
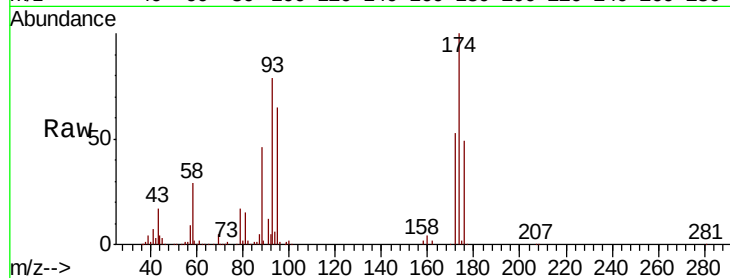




#49
1,4-Dioxane
Concen: 2118.974 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

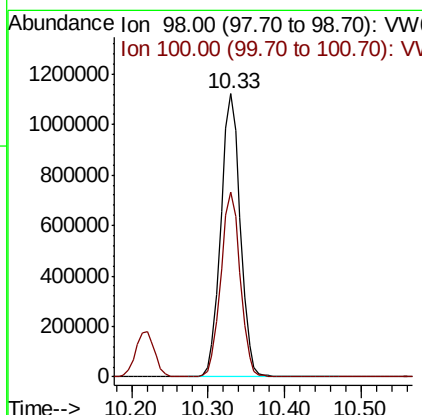
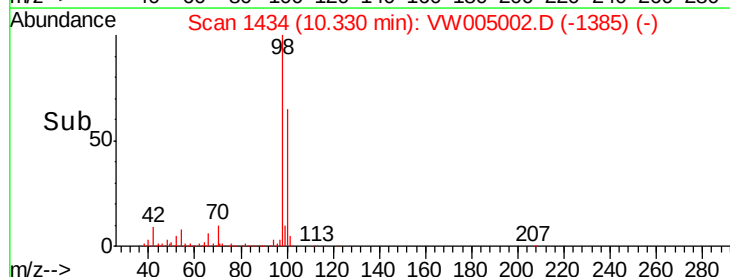
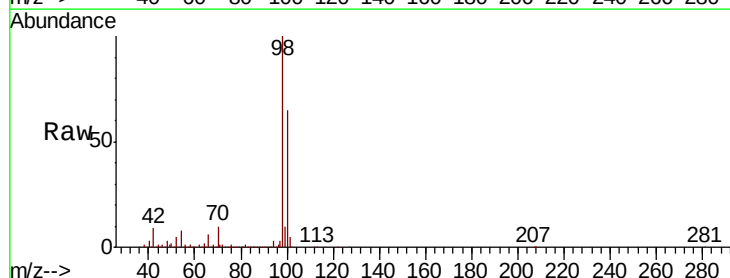
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

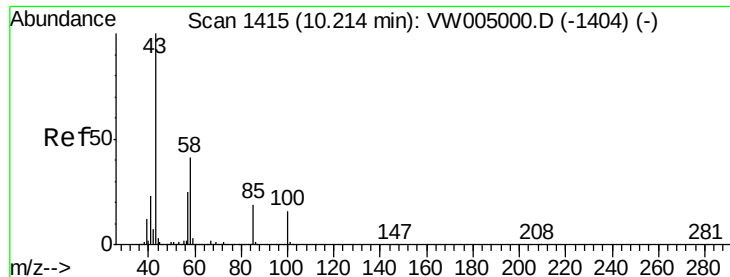
Tgt Ion: 88 Resp: 93717
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.4 57.0 85.4



#50
Toluene-d8
Concen: 99.886 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 98 Resp: 1972015
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

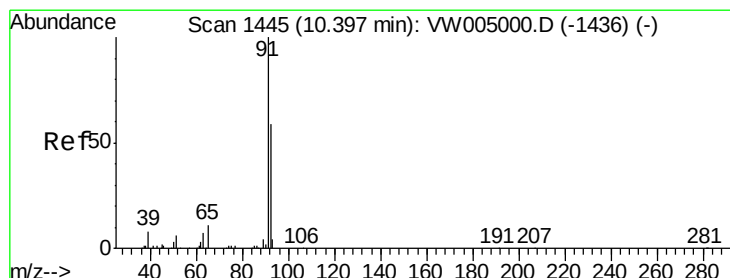
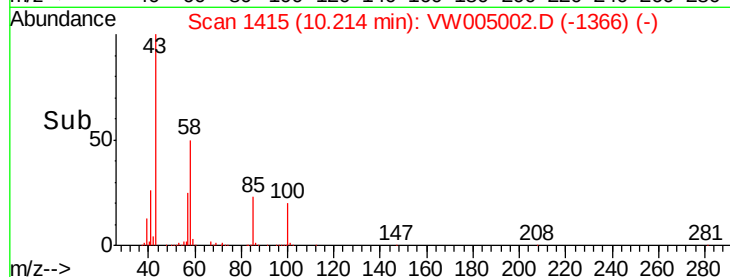
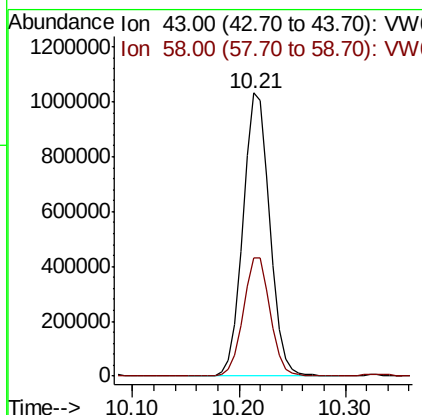
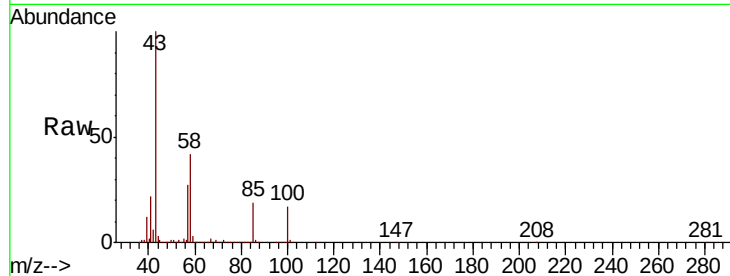




#51
 4-Methyl-2-Pentanone
 Concen: 551.782 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

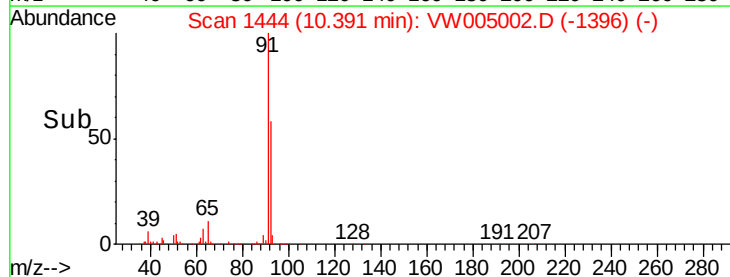
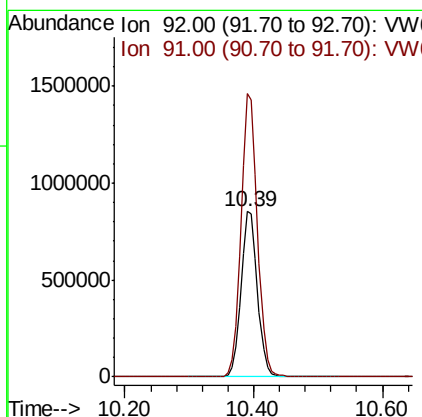
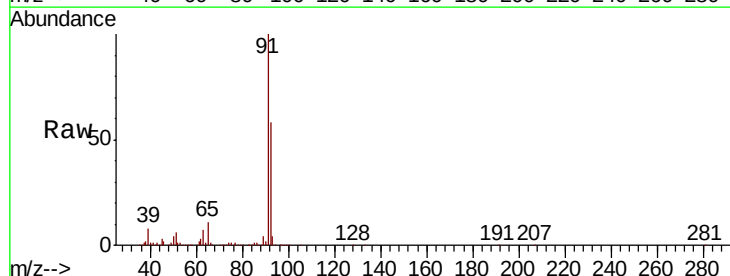
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

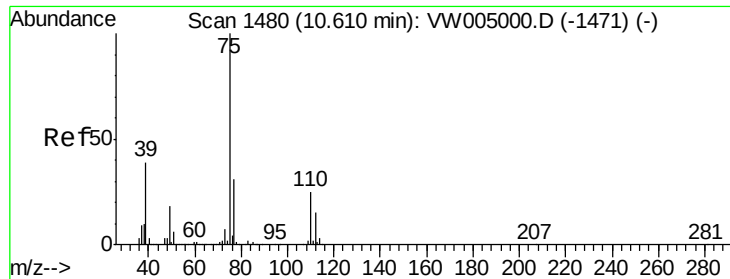
Tgt Ion: 43 Resp: 1822434
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.5 50.3



#52
 Toluene
 Concen: 102.372 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 92 Resp: 1494805
 Ion Ratio Lower Upper
 92 100
 91 171.5 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 109.977 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

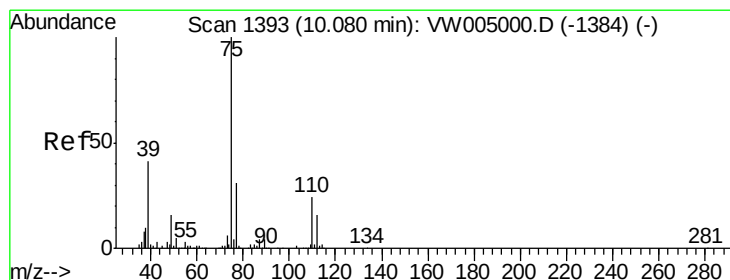
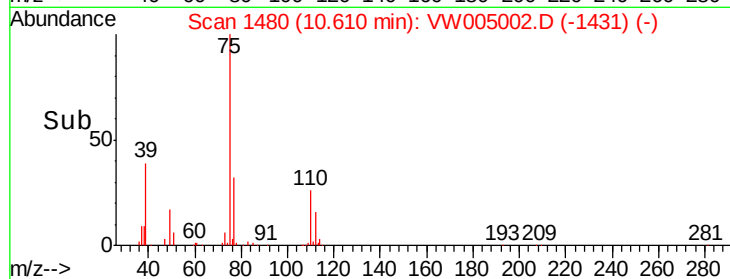
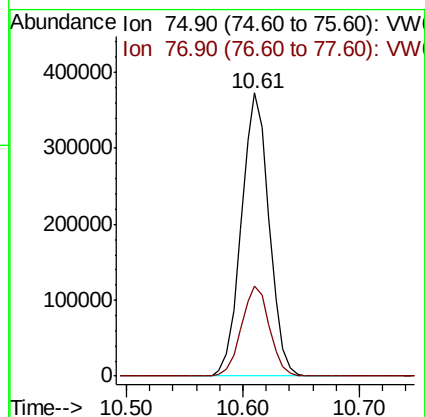
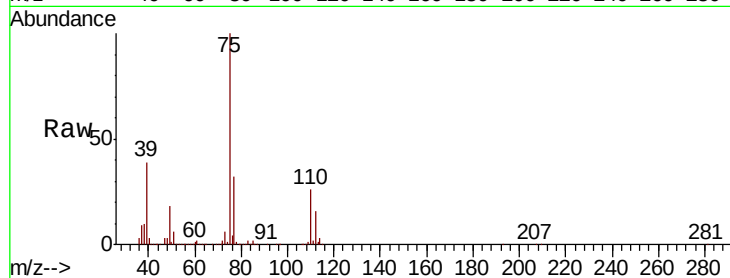
VSTDIC100

Tgt Ion: 75 Resp: 618527

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 106.600 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

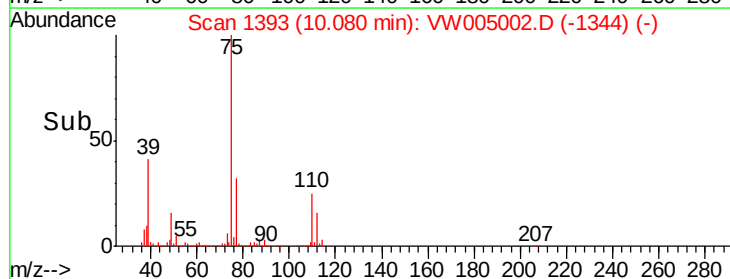
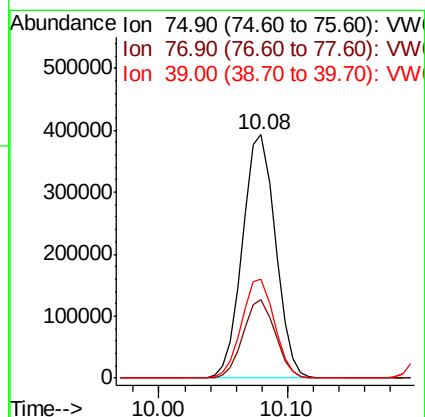
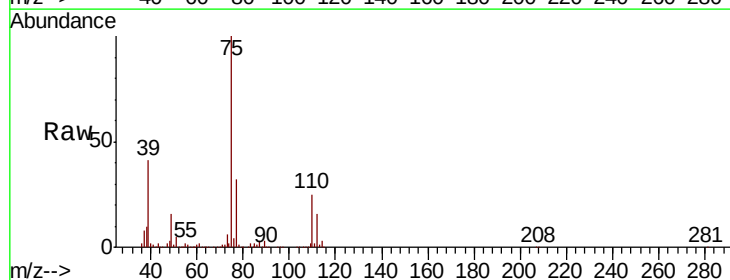
Tgt Ion: 75 Resp: 699124

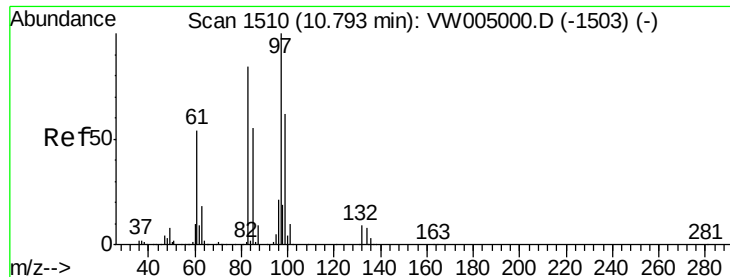
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 40.6 32.9 49.3

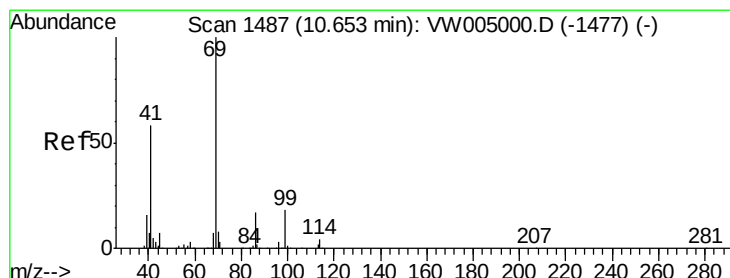
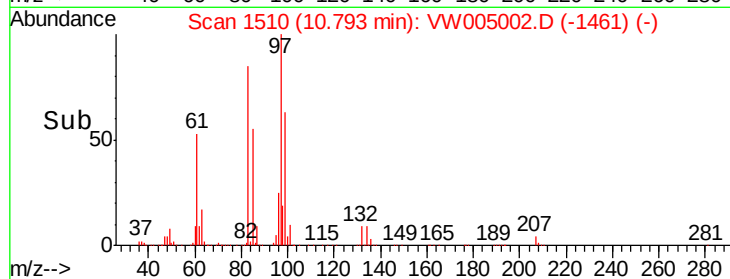
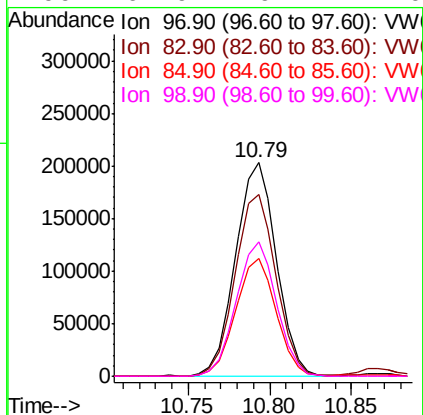
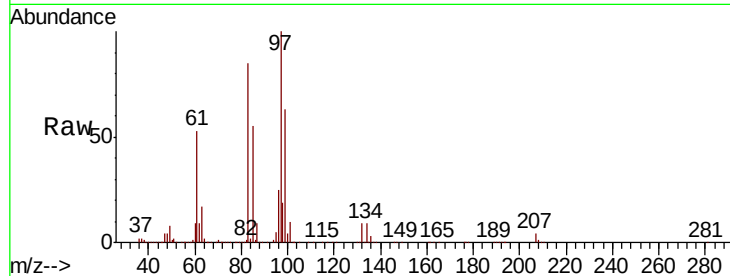




#55
 1,1,2-Trichloroethane
 Concen: 101.619 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

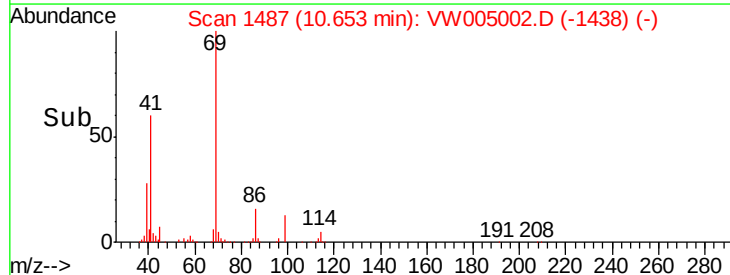
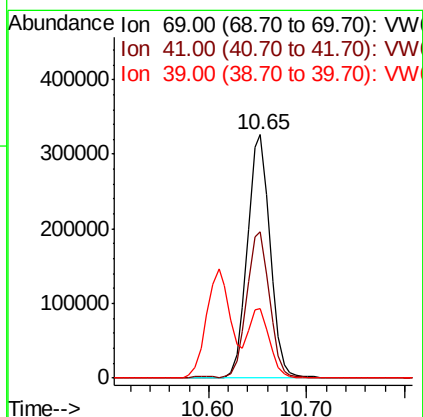
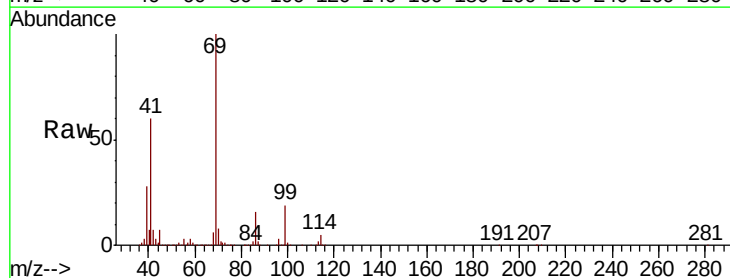
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

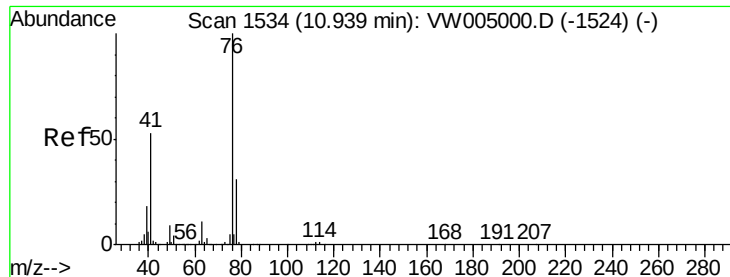
Tgt Ion:	97	Resp:	354492
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.3	100.9
85	55.1	44.3	66.5
99	62.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 114.995 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion:	69	Resp:	526179
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.7	71.5
39	25.9	21.0	31.6





#57

1,3-Dichloropropane

Concen: 105.414 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

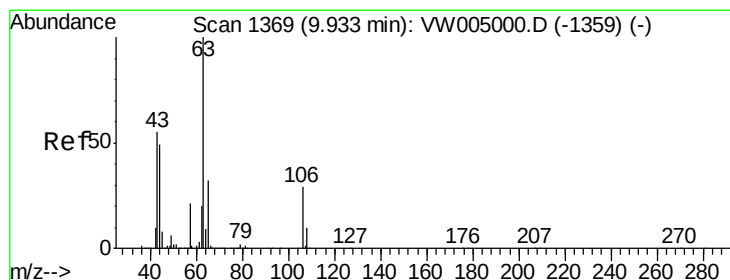
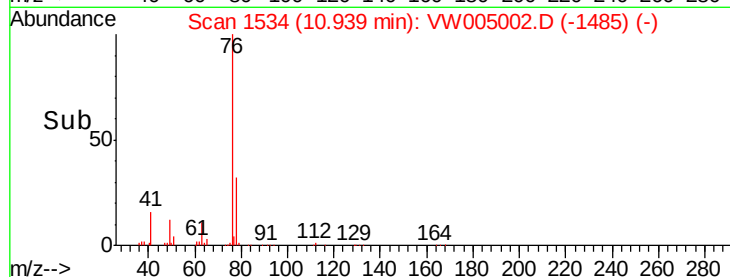
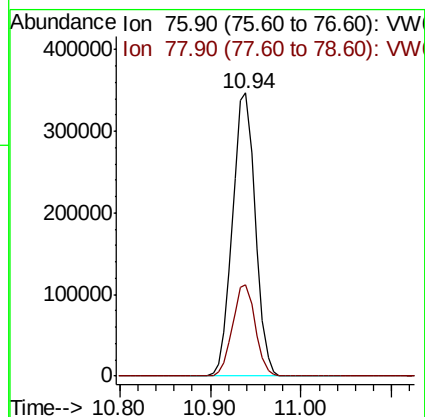
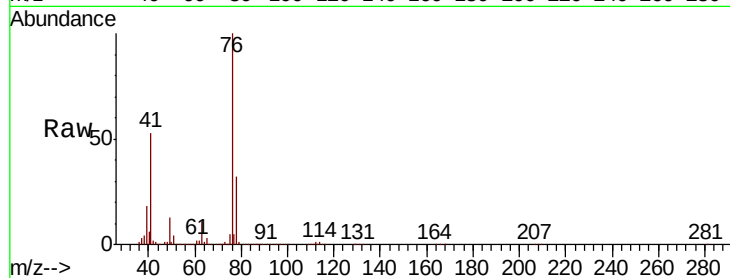
VSTDIC100

Tgt Ion: 76 Resp: 605108

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 573.203 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005002.D

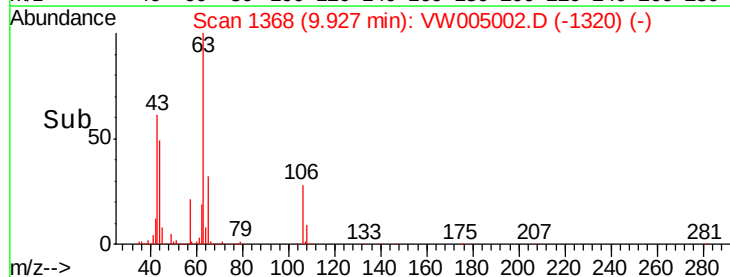
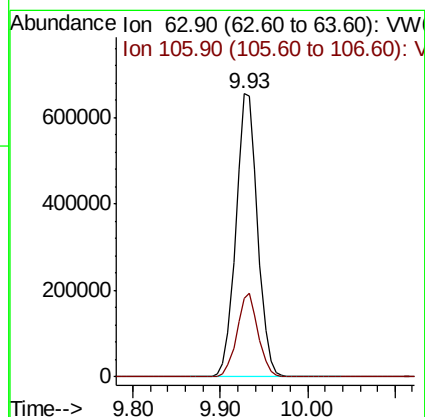
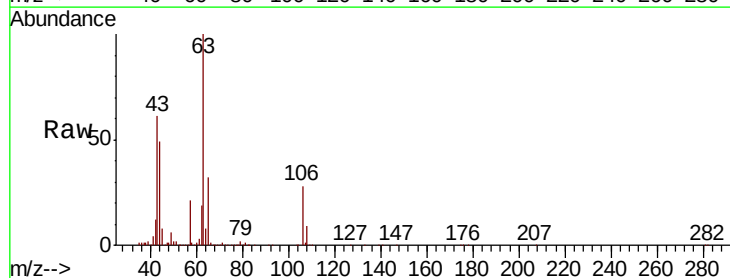
Acq: 29 Aug 2018 14:18

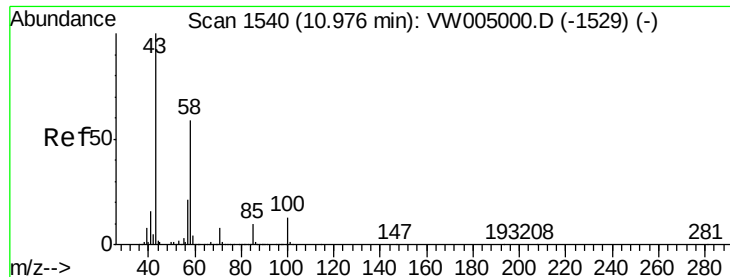
Tgt Ion: 63 Resp: 1129958

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8

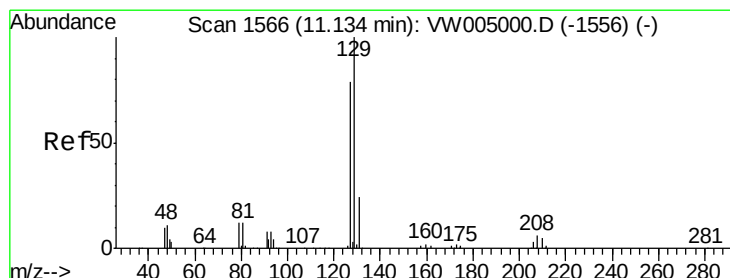
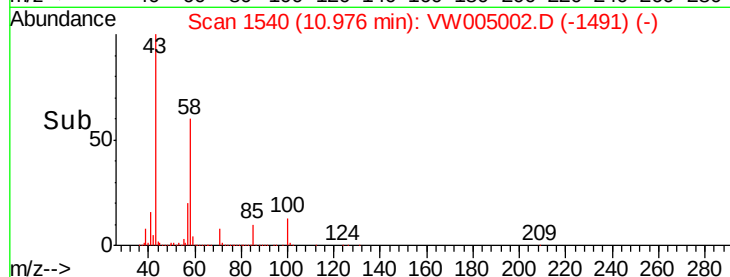
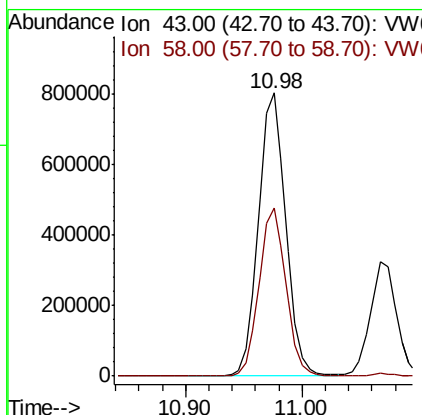
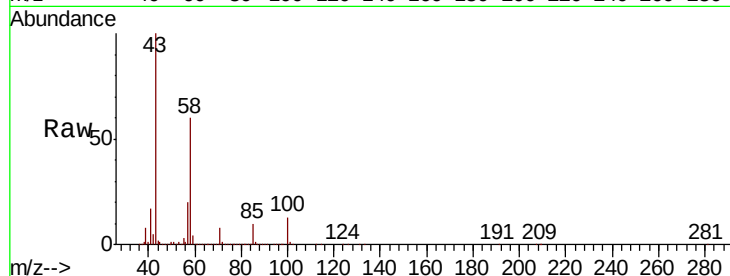




#59
2-Hexanone
Concen: 550.439 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

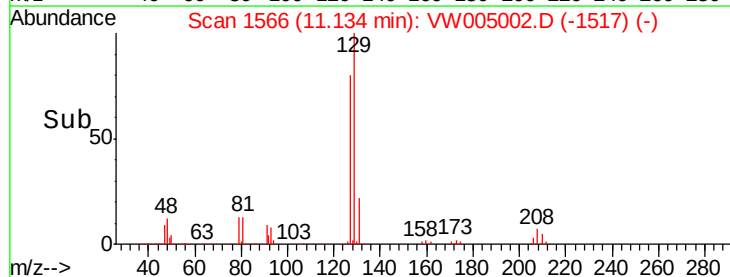
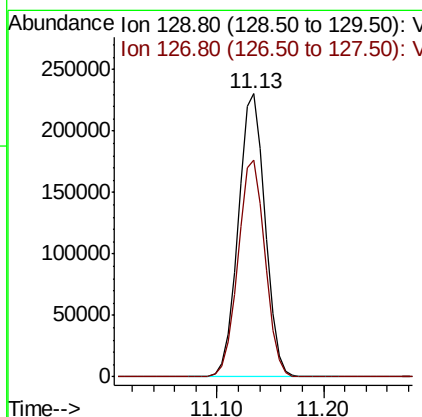
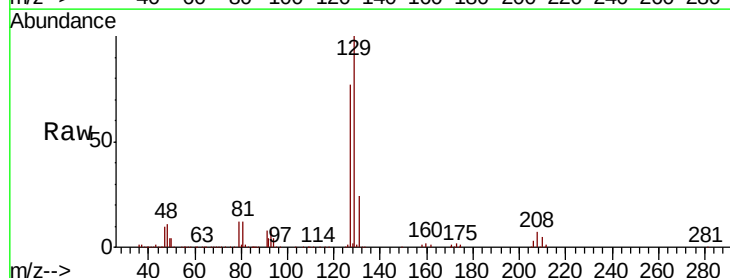
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

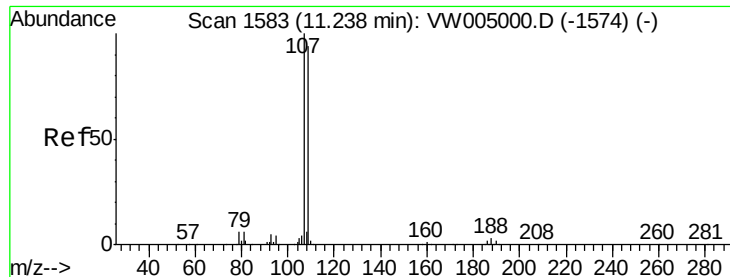
Tgt Ion: 43 Resp: 1316295
Ion Ratio Lower Upper
43 100
58 58.5 29.2 87.6



#60
Dibromochloromethane
Concen: 106.619 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 129 Resp: 408199
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

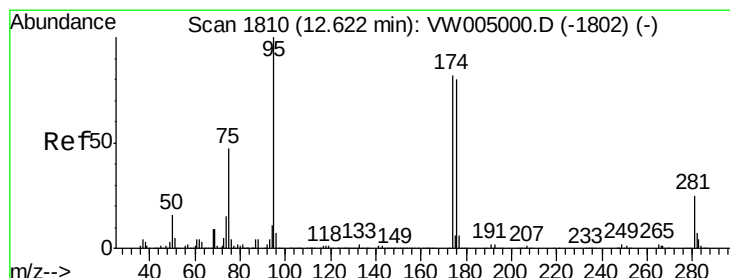
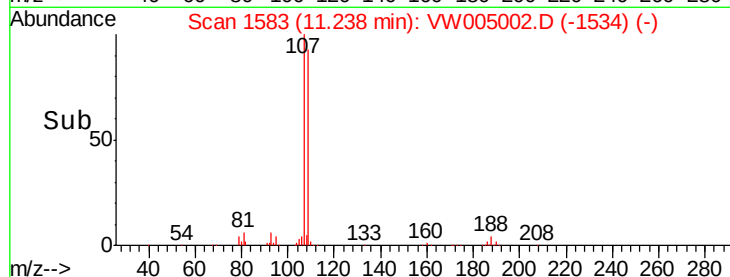
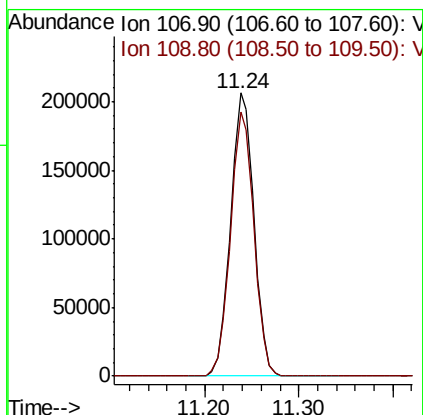
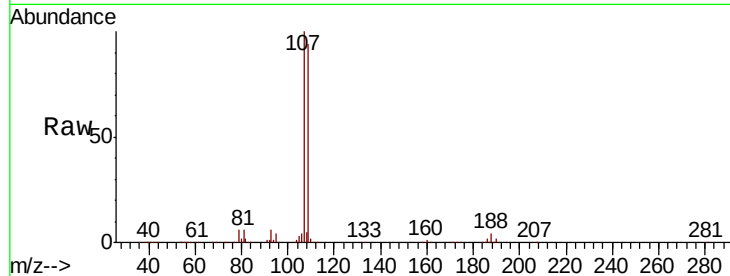




#61
 1,2-Dibromoethane
 Concen: 107.974 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

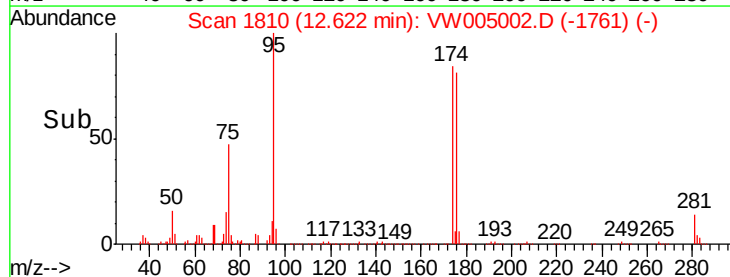
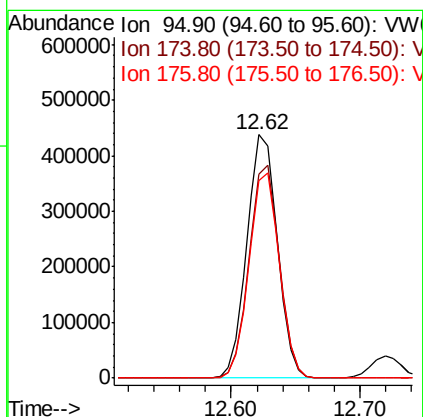
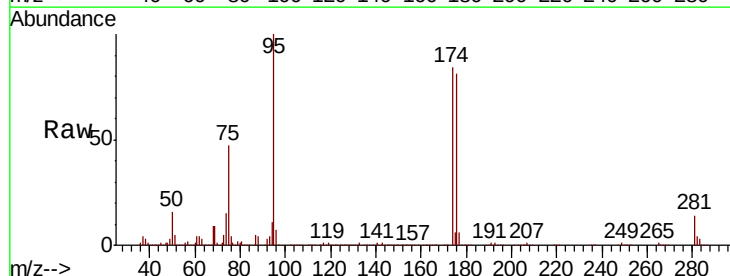
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

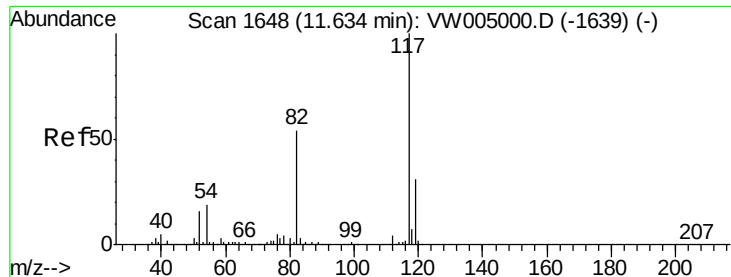
Tgt Ion: 107 Resp: 353123
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 98.981 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 95 Resp: 712468
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 173.4
 176 84.2 0.0 167.8

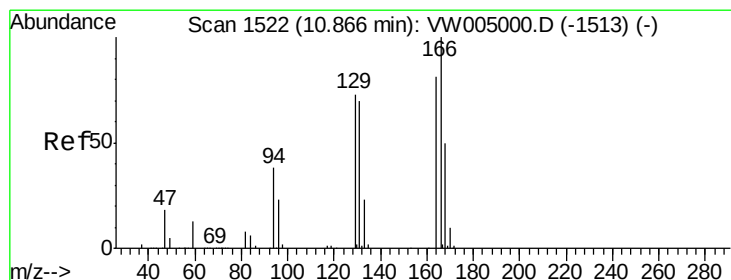
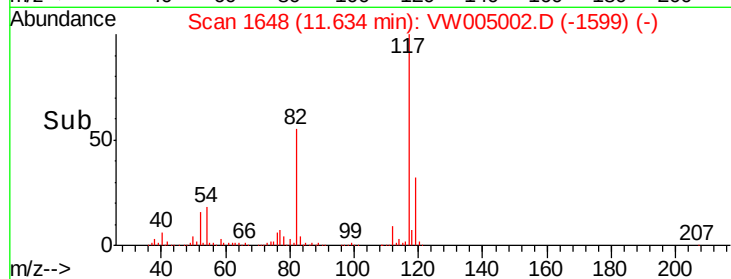
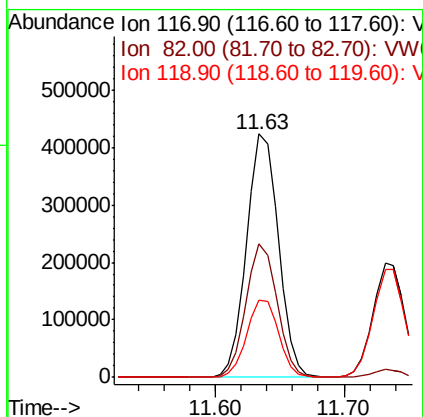
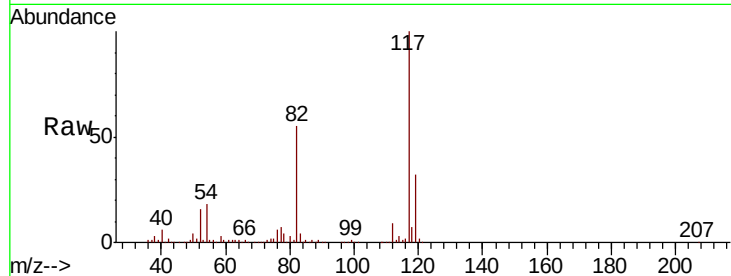




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

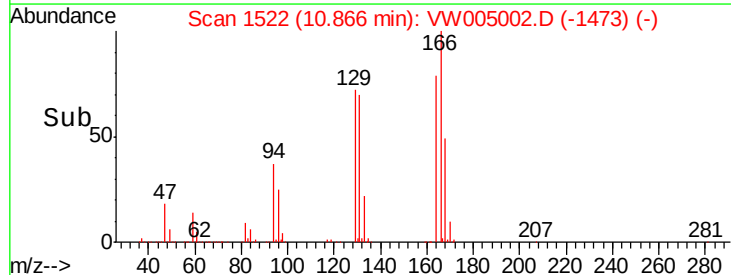
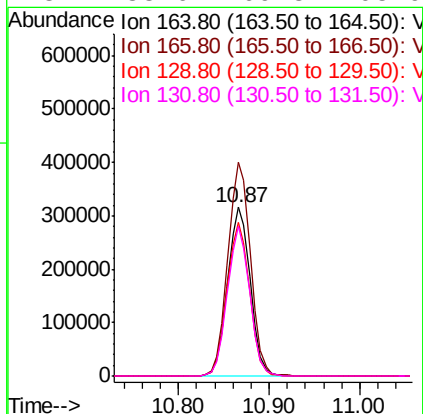
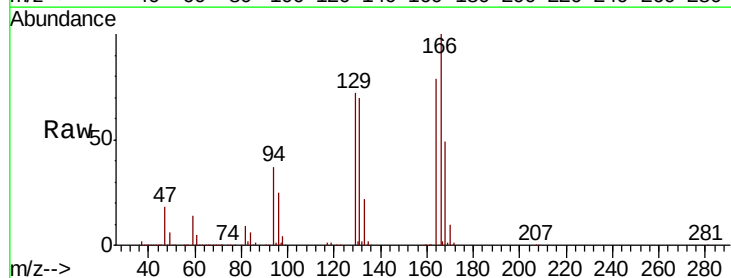
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

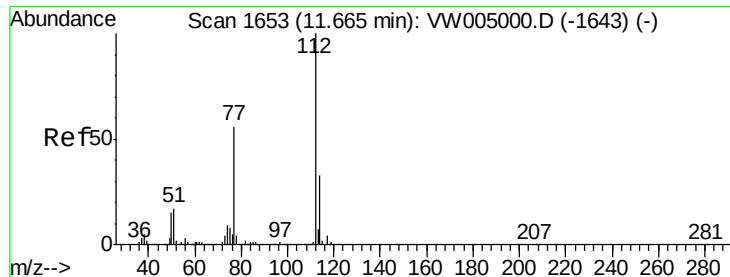
Tgt Ion:117 Resp: 723763
Ion Ratio Lower Upper
117 100
82 55.0 43.3 64.9
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 103.290 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion:164 Resp: 545056
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.0
129 91.2 72.2 108.2
131 88.6 69.3 103.9

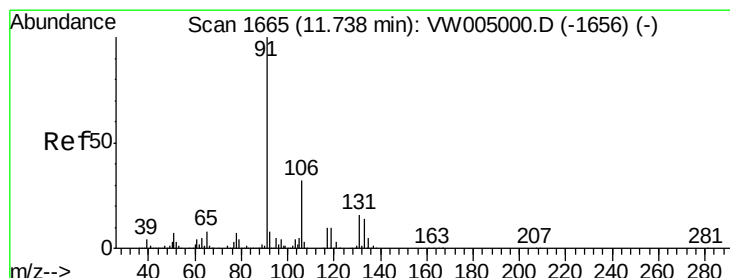
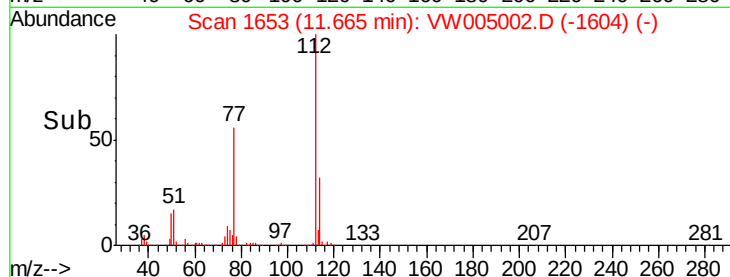
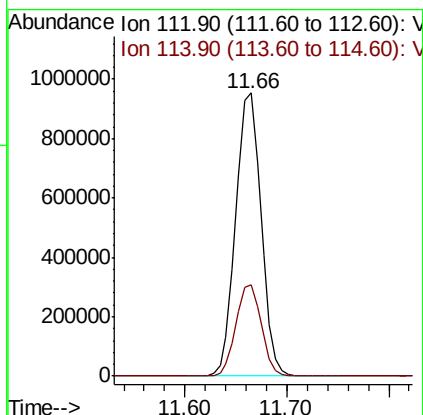
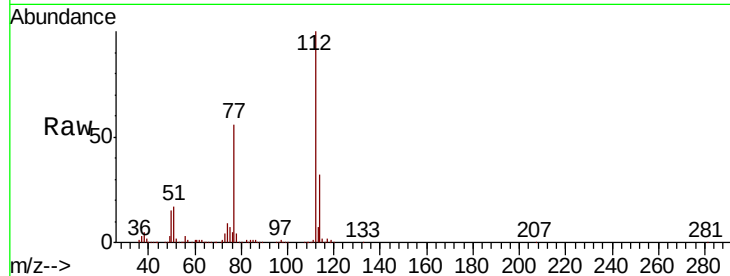




#65
Chlorobenzene
Concen: 103.219 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

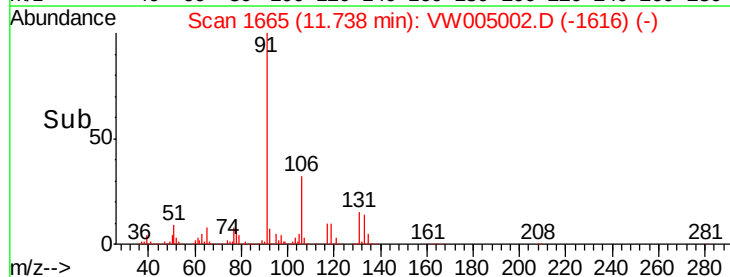
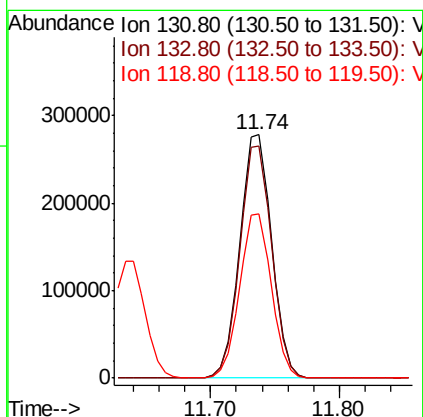
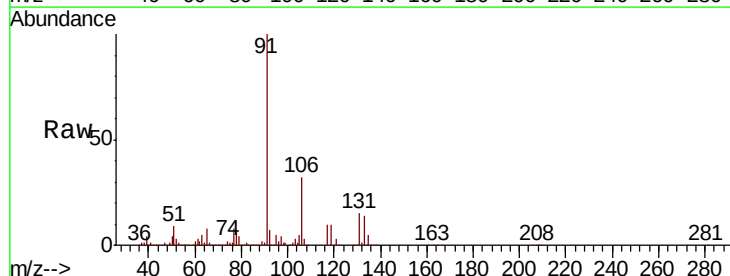
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

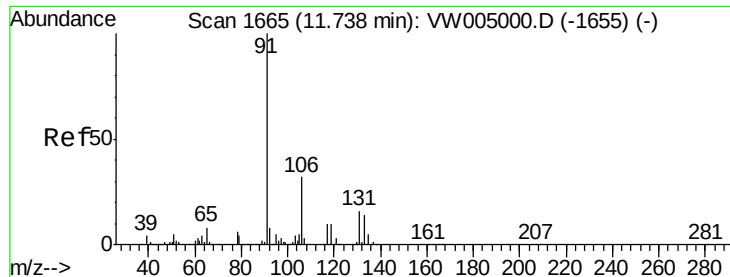
Tgt Ion:112 Resp: 1641338
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 108.511 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion:131 Resp: 473917
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 67.3 33.1 99.3

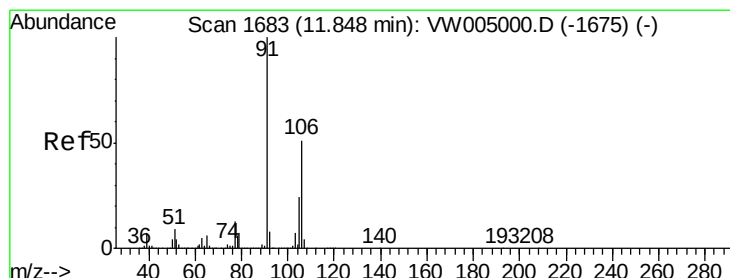
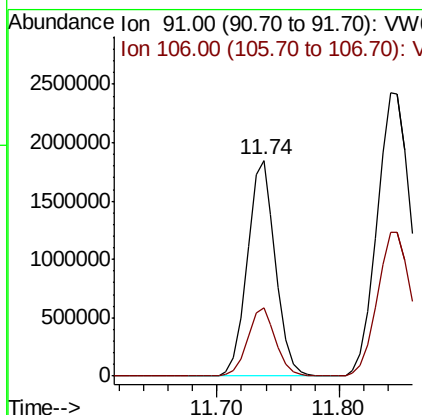
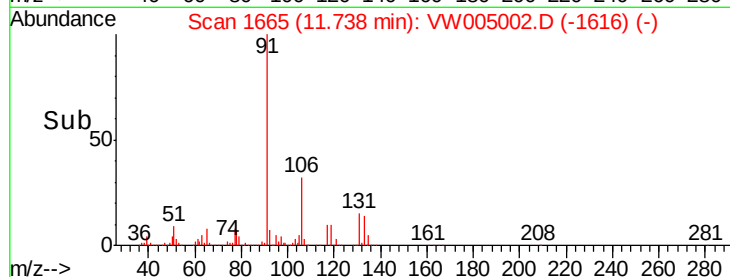
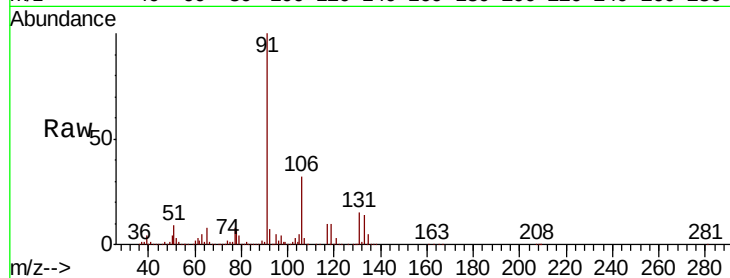




#67
Ethyl Benzene
Concen: 107.836 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

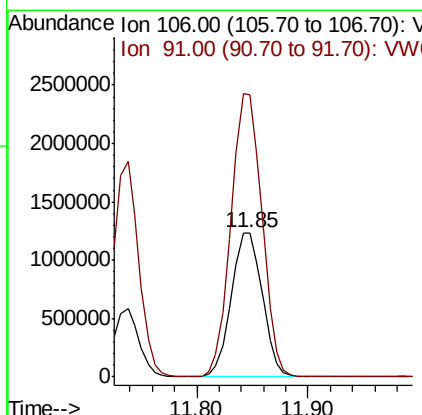
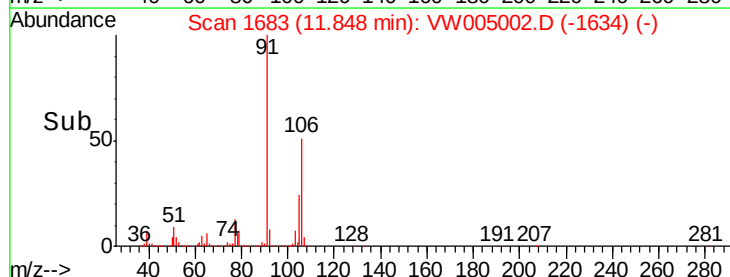
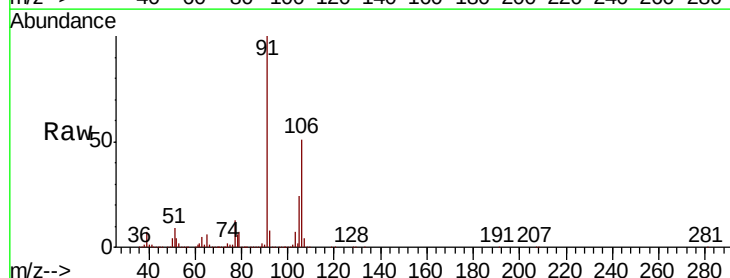
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

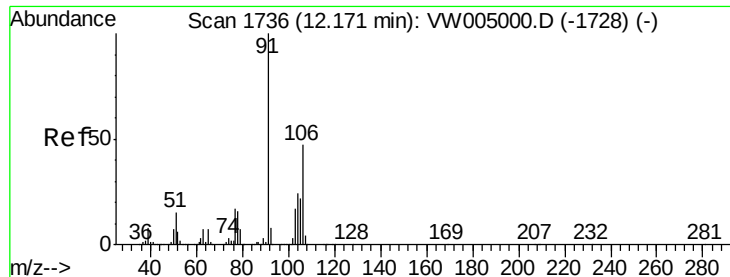
Tgt Ion: 91 Resp: 2936147
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 214.022 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 106 Resp: 2376810
Ion Ratio Lower Upper
106 100
91 196.9 158.4 237.6

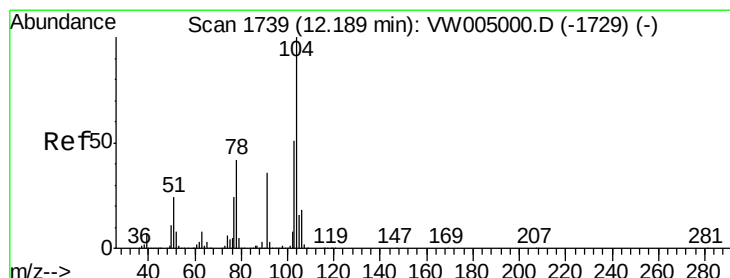
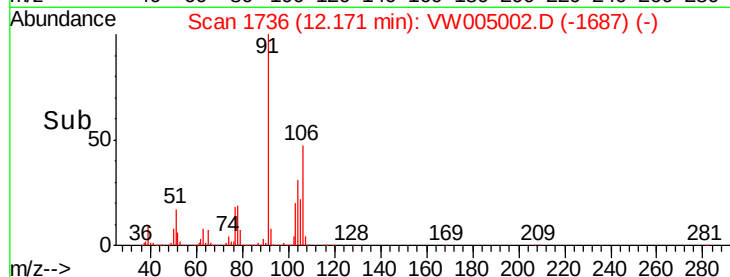
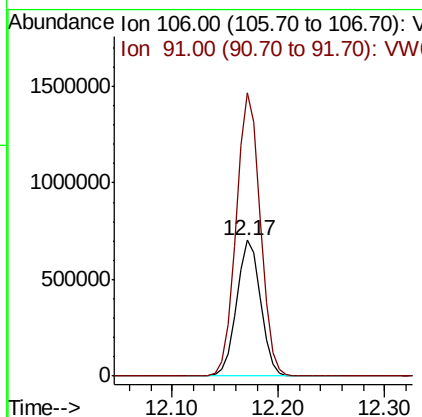
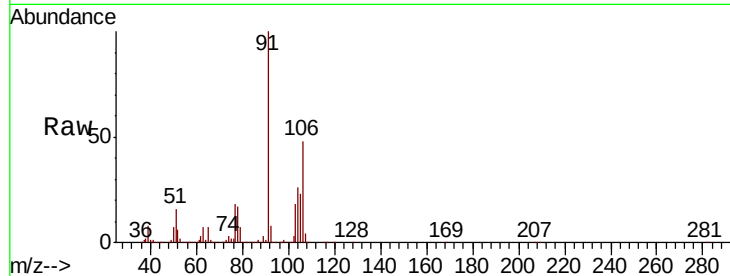




#69
o-Xylene
Concen: 109.889 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

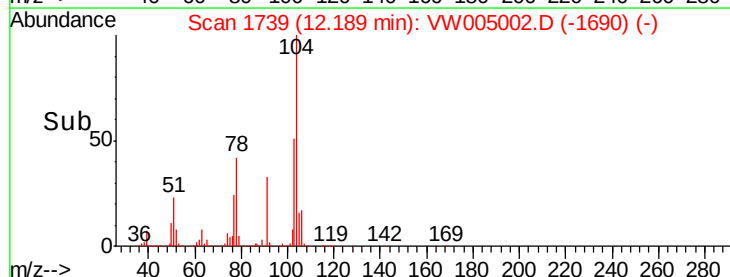
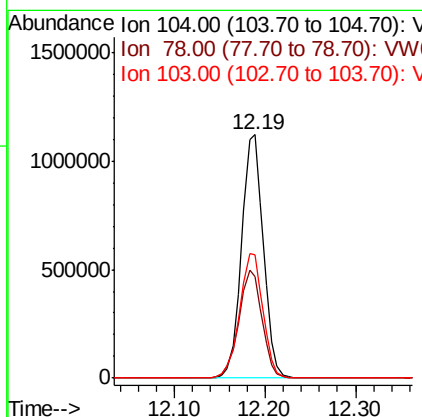
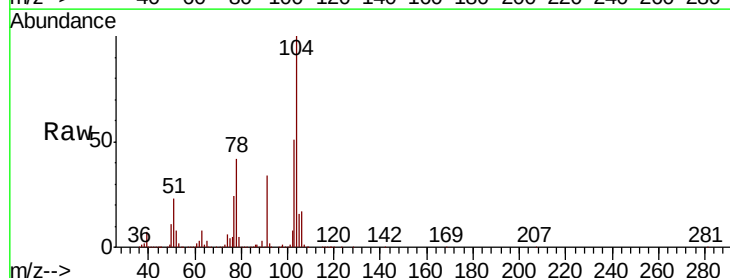
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

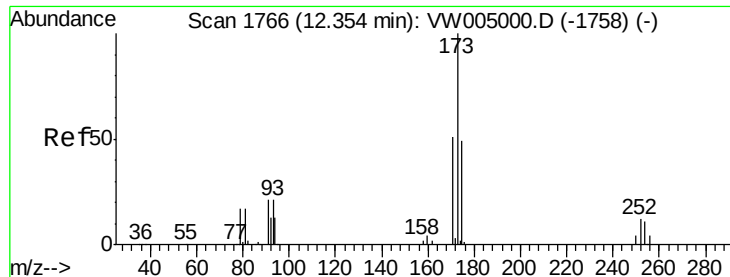
Tgt Ion:106 Resp: 1115114
Ion Ratio Lower Upper
106 100
91 209.0 104.4 313.1



#70
Styrene
Concen: 110.315 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion:104 Resp: 1856966
Ion Ratio Lower Upper
104 100
78 47.4 37.6 56.4
103 55.2 43.9 65.9





#71

Bromoform

Concen: 111.941 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

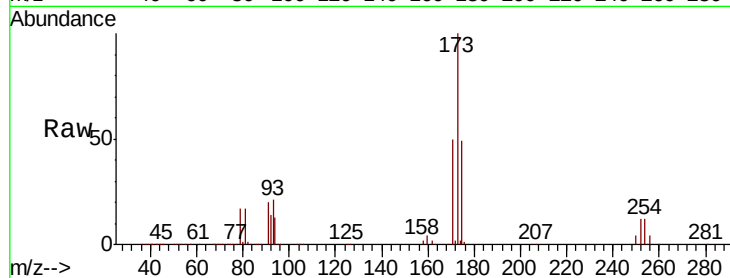
Tgt Ion:173 Resp: 271839

Ion Ratio Lower Upper

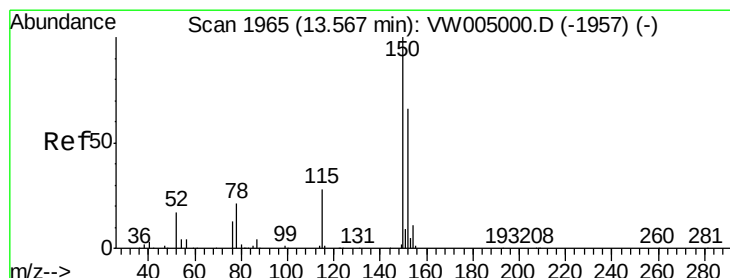
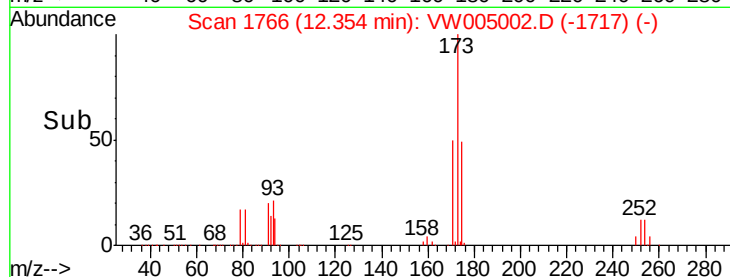
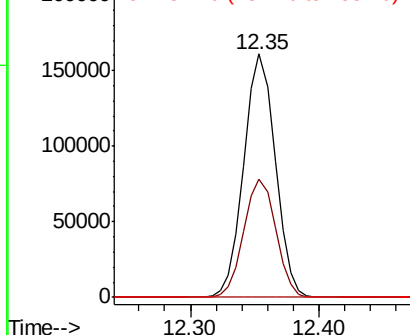
173 100

175 49.3 24.3 73.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

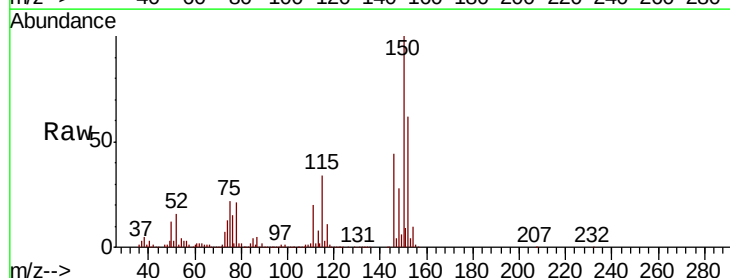
Tgt Ion:152 Resp: 402024

Ion Ratio Lower Upper

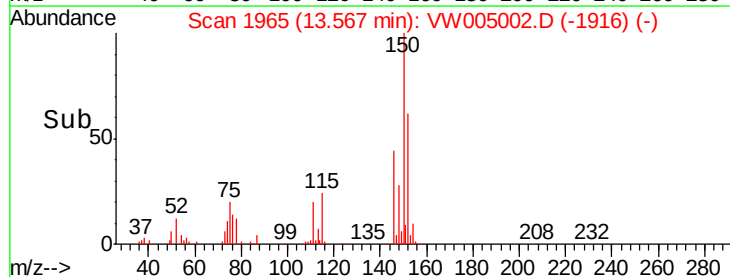
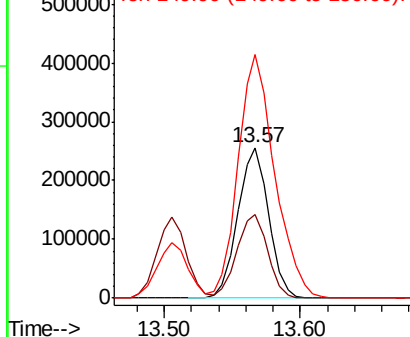
152 100

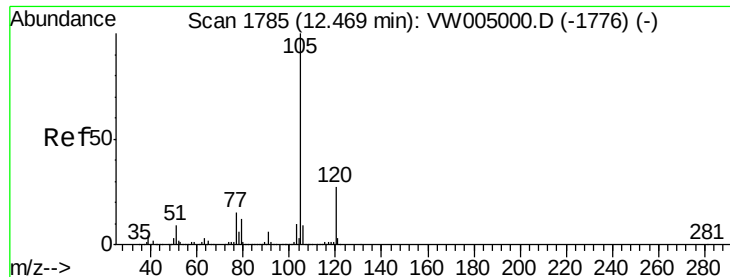
115 55.6 28.0 83.9

150 193.0 0.0 347.2



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: 110.985 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

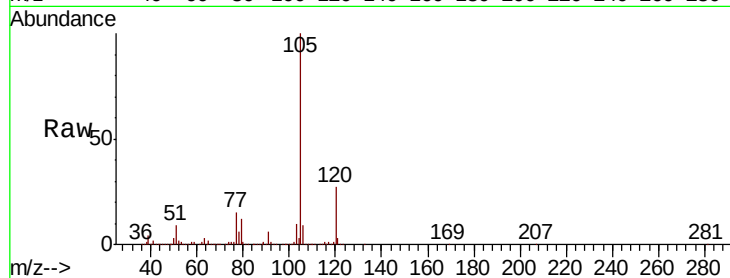
VSTDIC100

Tgt Ion:105 Resp: 2974356

Ion Ratio Lower Upper

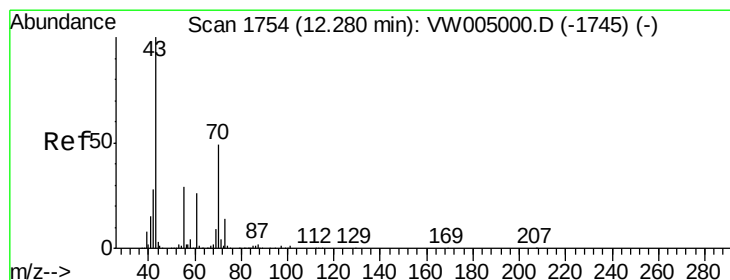
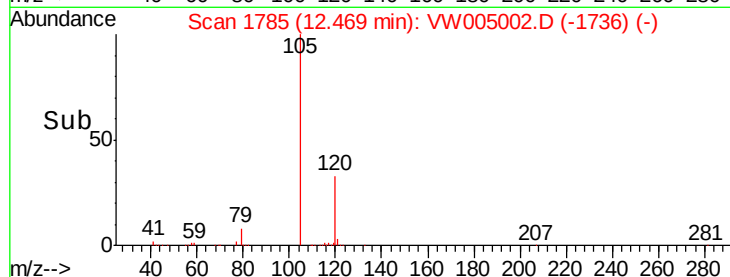
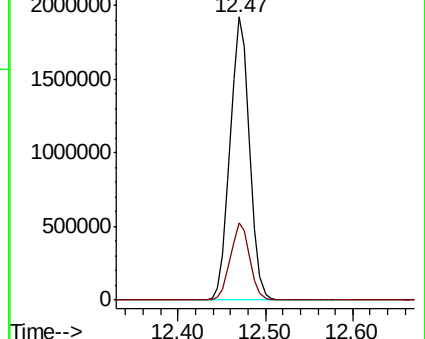
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 116.821 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Tgt Ion: 43 Resp: 590812

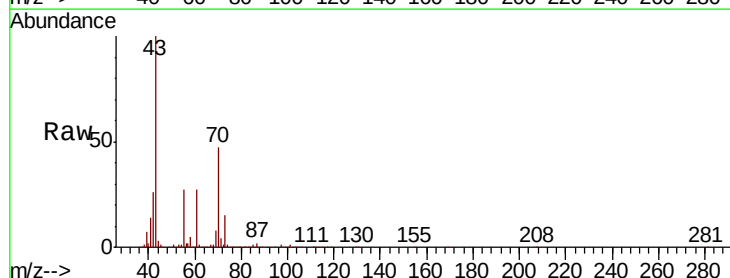
Ion Ratio Lower Upper

43 100

70 46.8 38.6 57.8

55 27.2 23.6 35.4

61 26.4 21.0 31.6

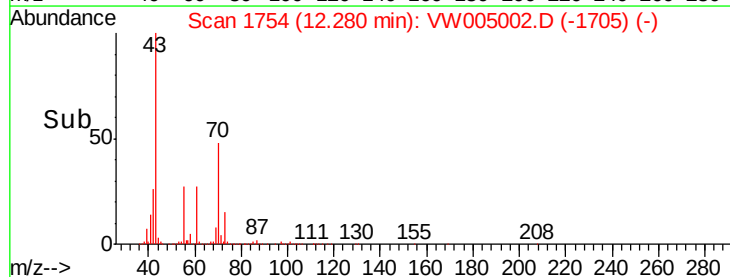
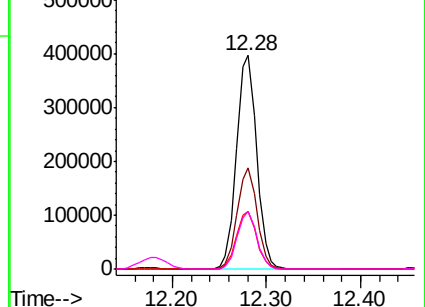


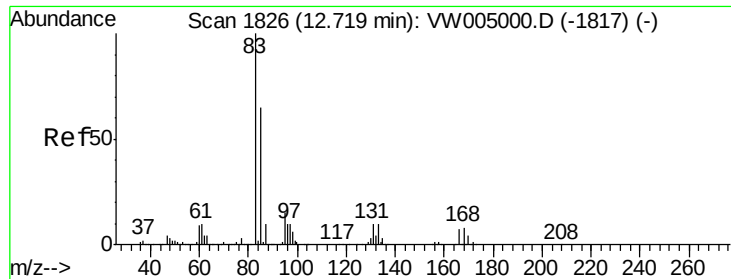
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 108.907 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

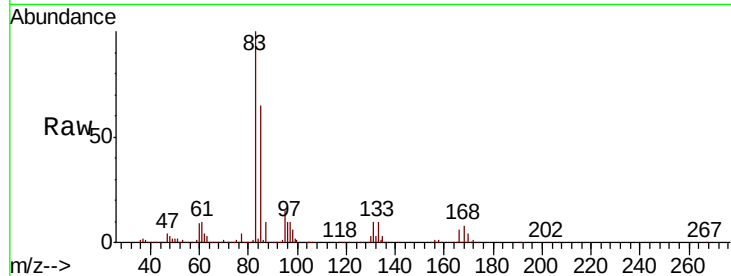
Tgt Ion: 83 Resp: 441915

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

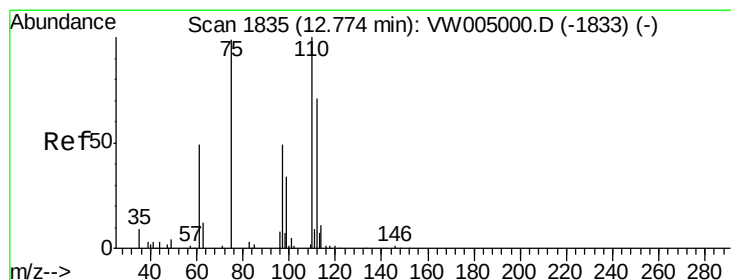
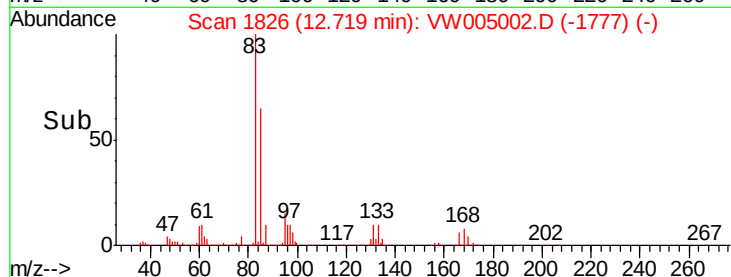
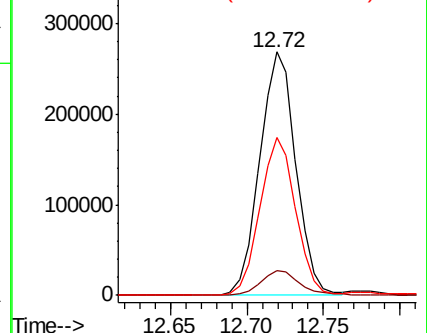
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 120.410 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005002.D

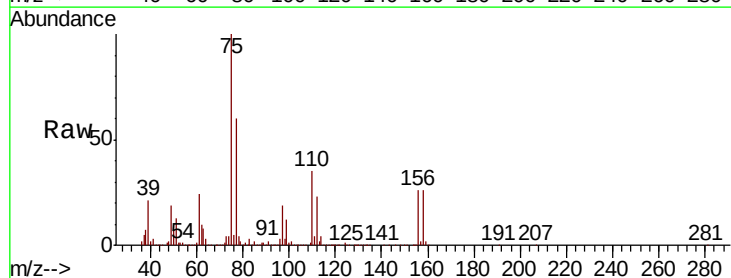
Acq: 29 Aug 2018 14:18

Tgt Ion: 75 Resp: 604259

Ion Ratio Lower Upper

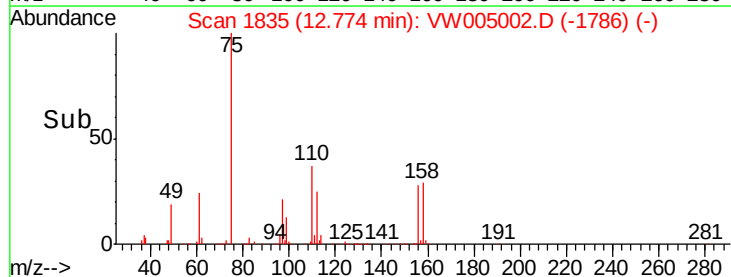
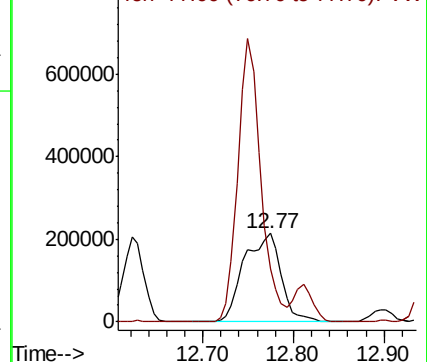
75 100

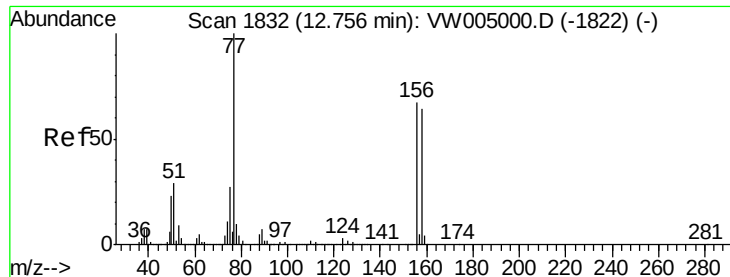
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 105.596 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

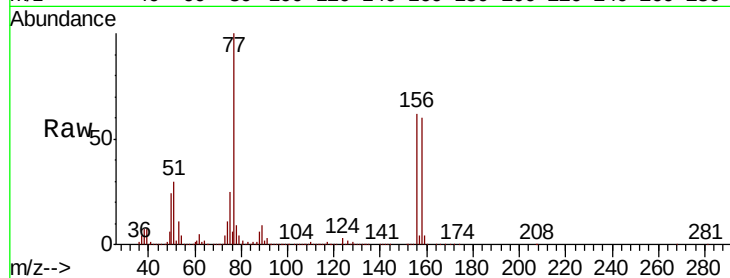
Tgt Ion:156 Resp: 694344

Ion Ratio Lower Upper

156 100

77 174.9 86.9 260.6

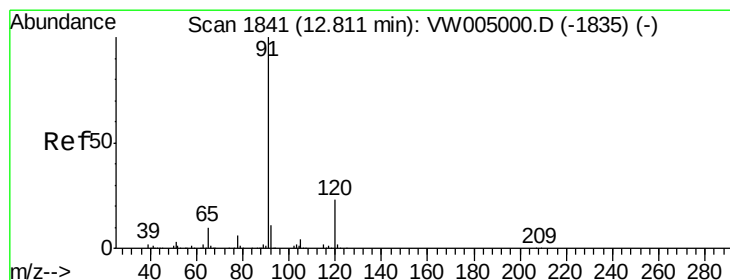
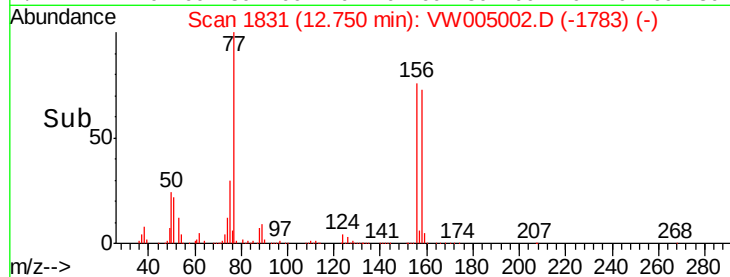
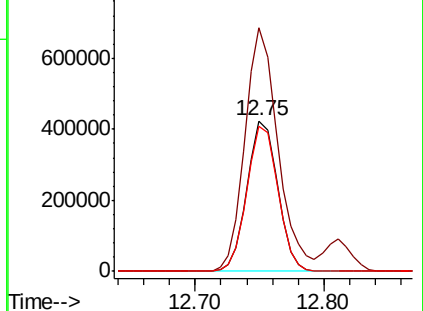
158 97.8 48.6 145.9



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: 110.122 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005002.D

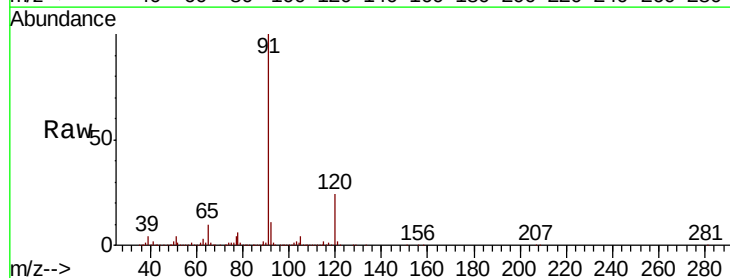
Acq: 29 Aug 2018 14:18

Tgt Ion: 91 Resp: 3640335

Ion Ratio Lower Upper

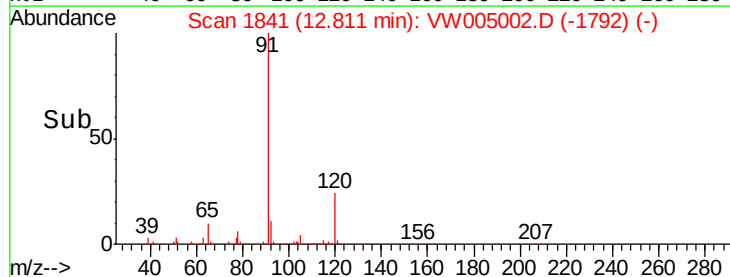
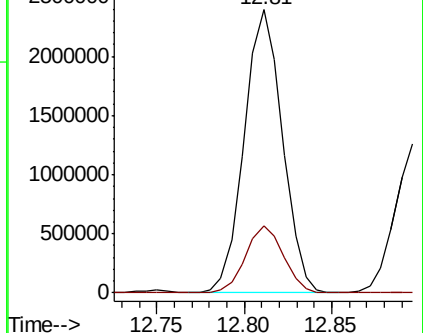
91 100

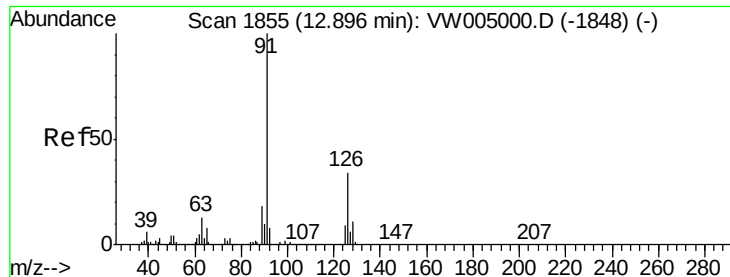
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 107.271 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

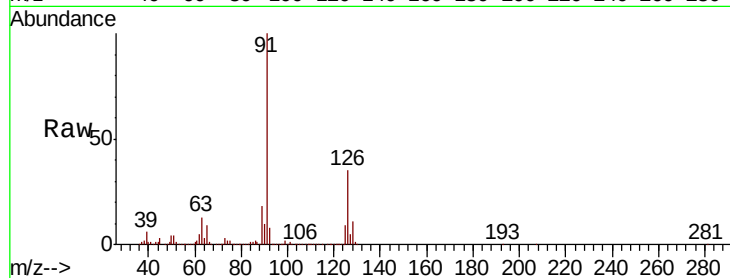
VSTDIC100

Tgt Ion: 91 Resp: 2048105

Ion Ratio Lower Upper

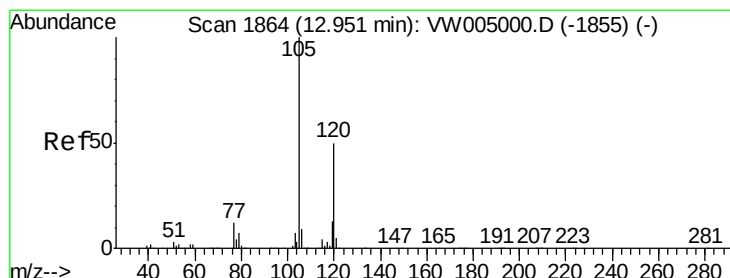
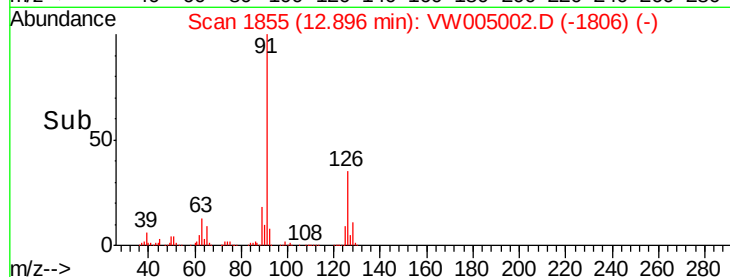
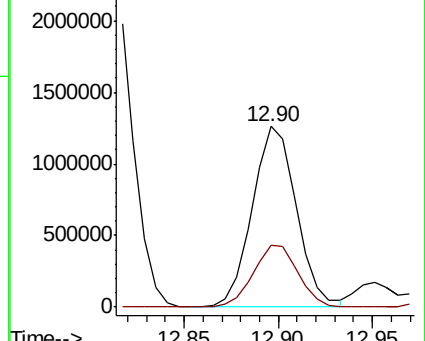
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 110.049 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005002.D

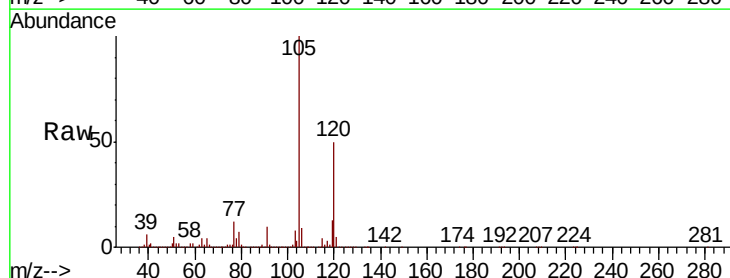
Acq: 29 Aug 2018 14:18

Tgt Ion: 105 Resp: 2605725

Ion Ratio Lower Upper

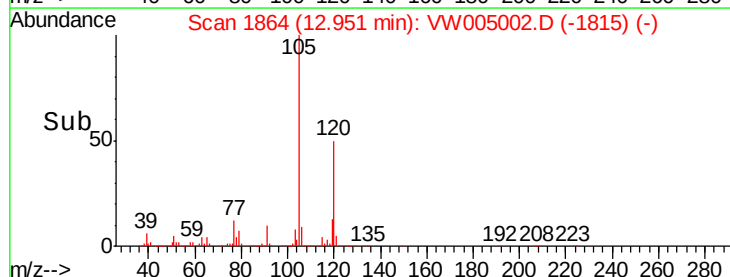
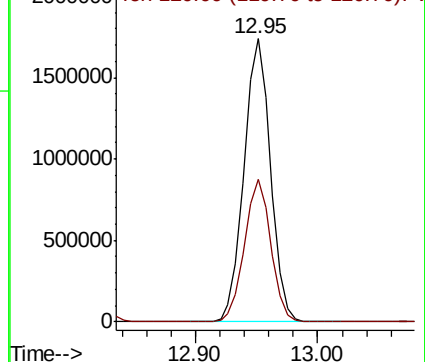
105 100

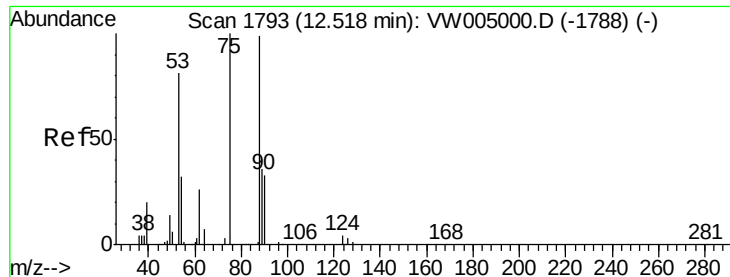
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

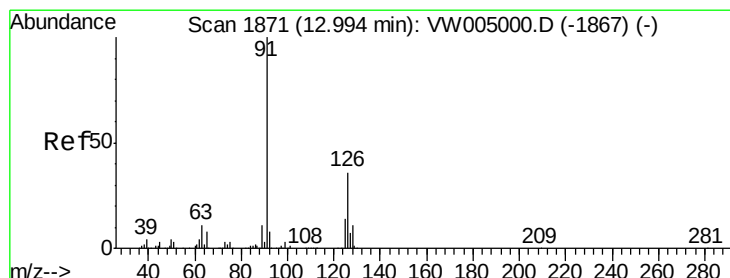
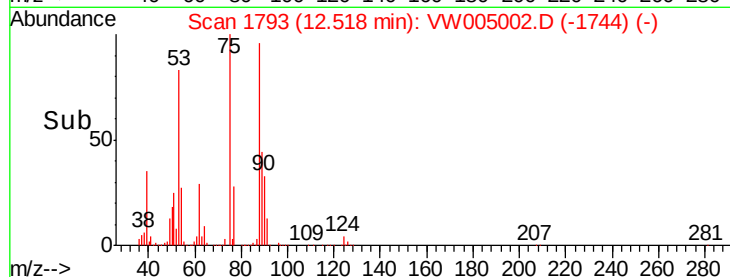
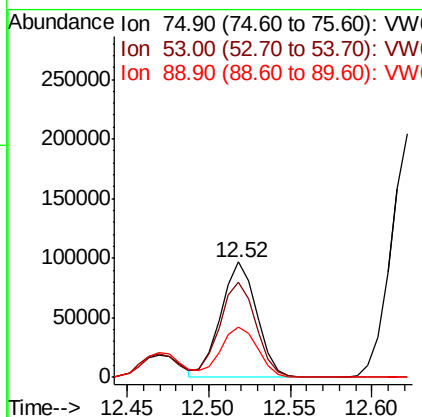
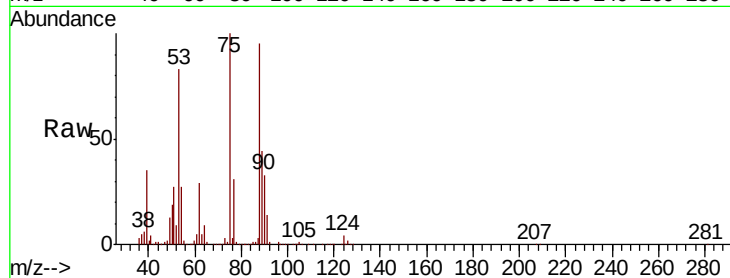




#81
trans-1,4-Dichloro-2-butene
Concen: 116.943 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

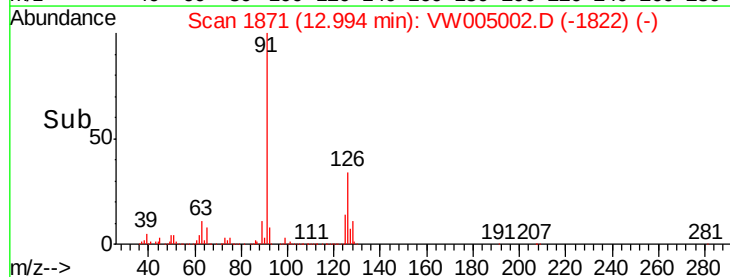
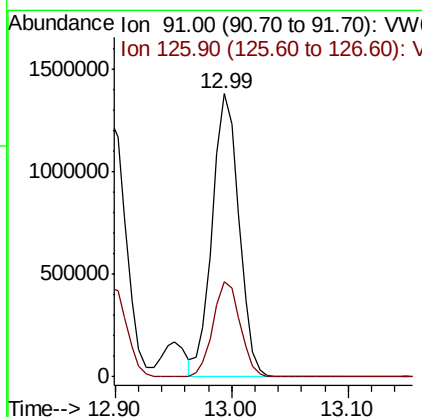
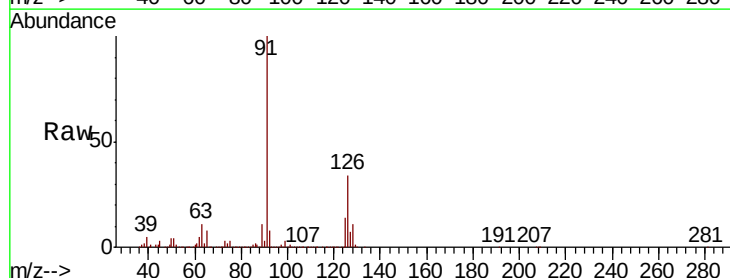
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

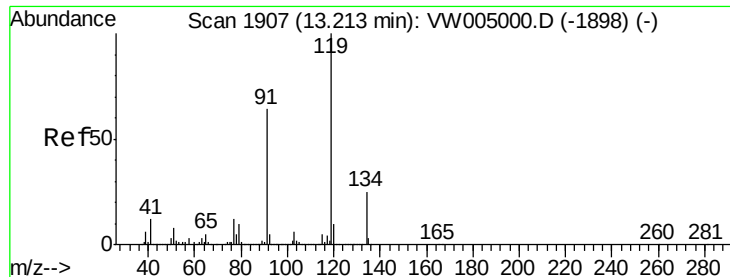
Tgt Ion: 75 Resp: 147334
Ion Ratio Lower Upper
75 100
53 84.8 67.4 101.2
89 44.8 35.0 52.6



#82
4-Chlorotoluene
Concen: 107.034 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 91 Resp: 2177339
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.5

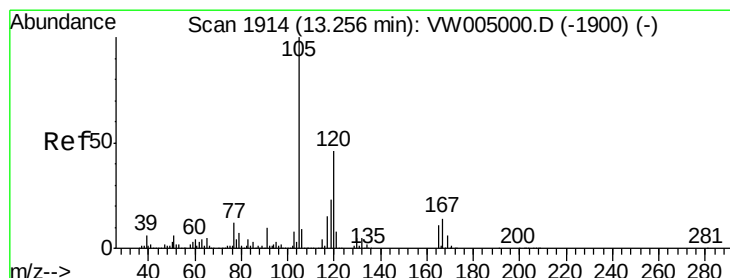
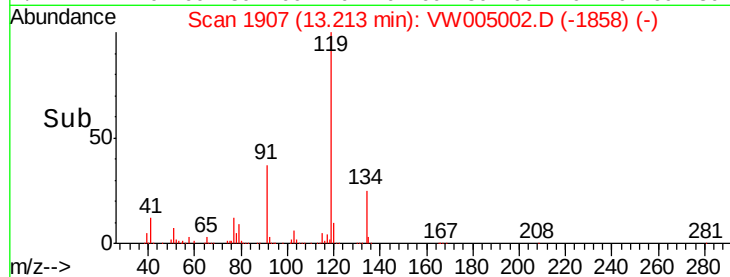
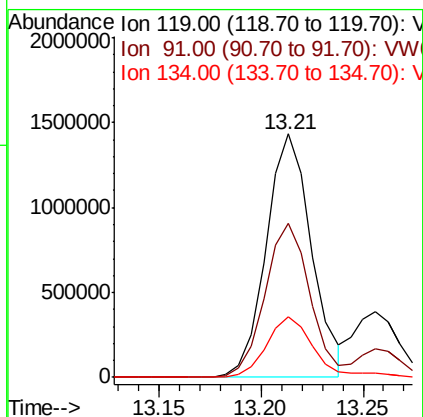
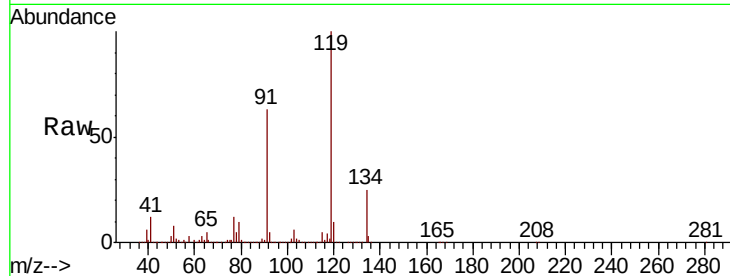




#83
 tert-Butylbenzene
 Concen: 111.694 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

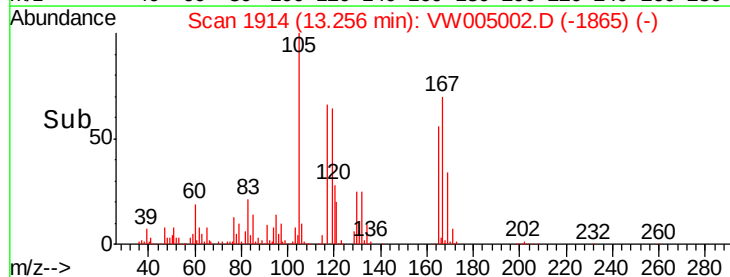
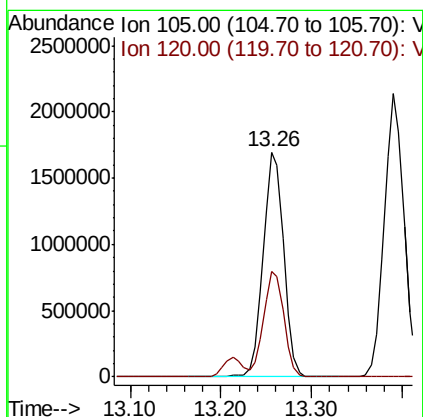
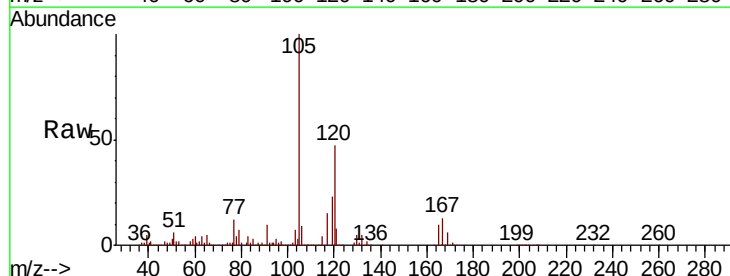
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

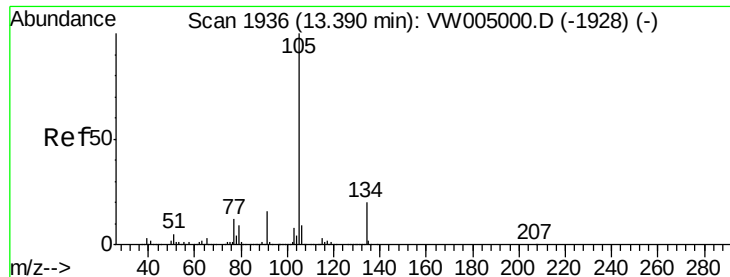
Tgt Ion:119 Resp: 2221292
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.9 95.5
 134 26.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 110.200 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion:105 Resp: 2647528
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 109.789 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

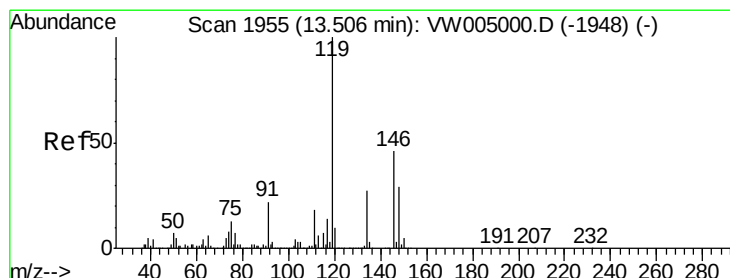
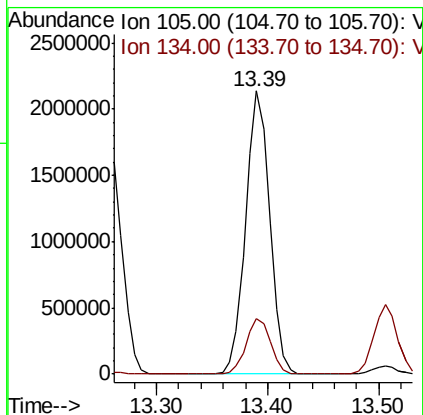
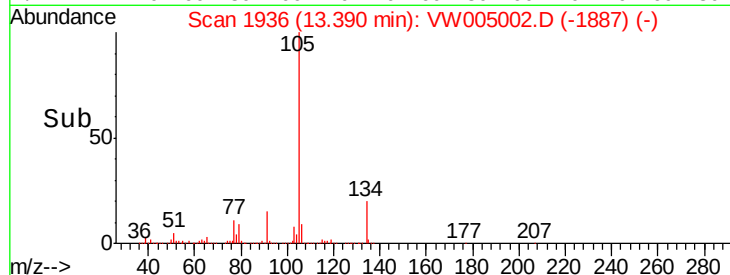
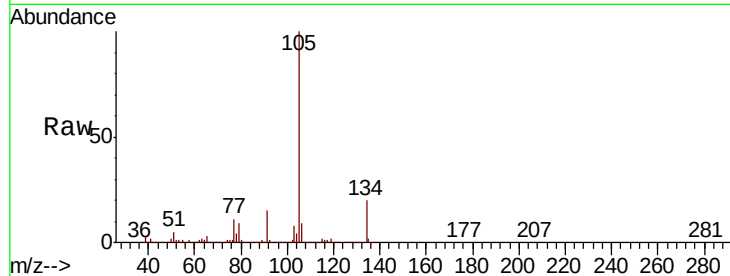
VSTDIC100

Tgt Ion:105 Resp: 3205072

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 111.611 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005002.D

Acq: 29 Aug 2018 14:18

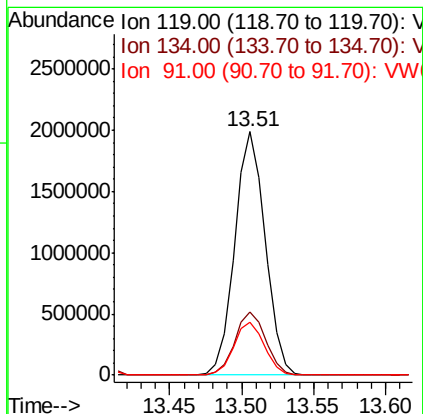
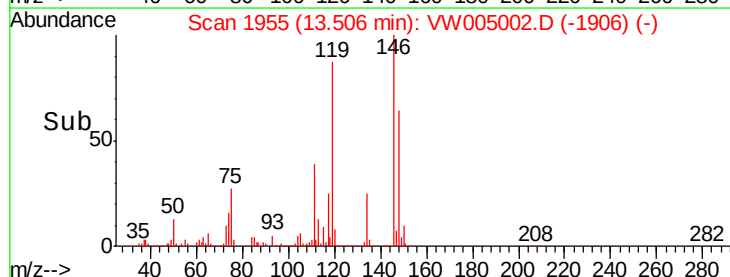
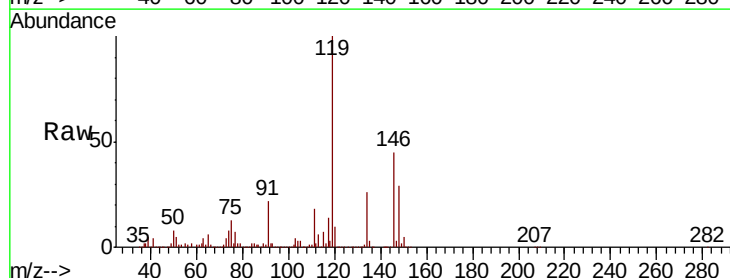
Tgt Ion:119 Resp: 2919073

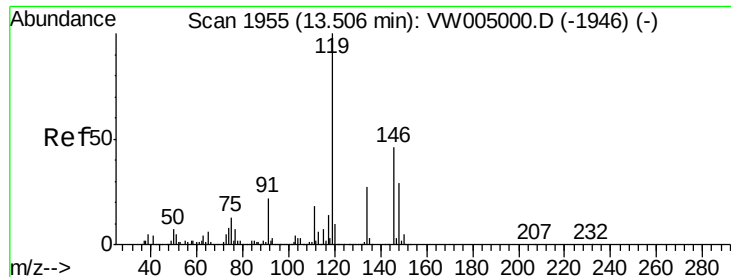
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 21.8 10.9 32.9

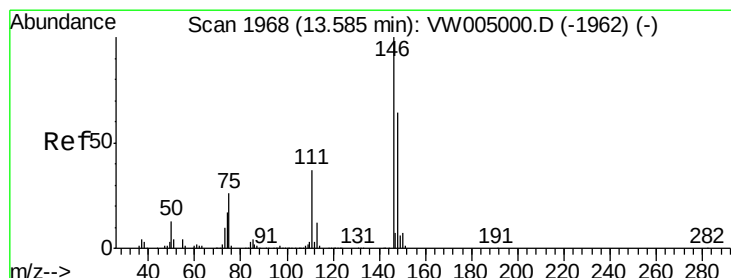
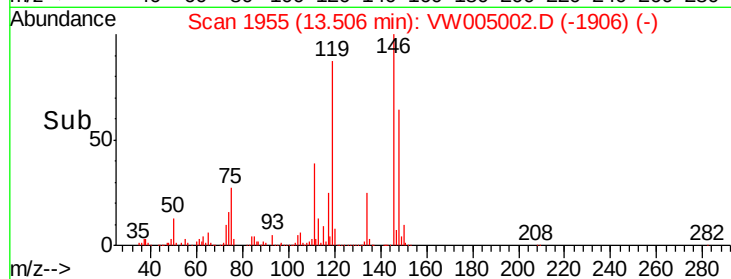
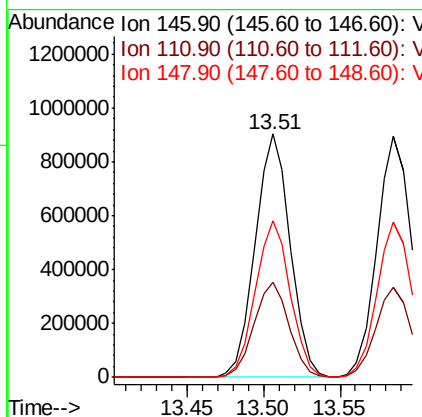
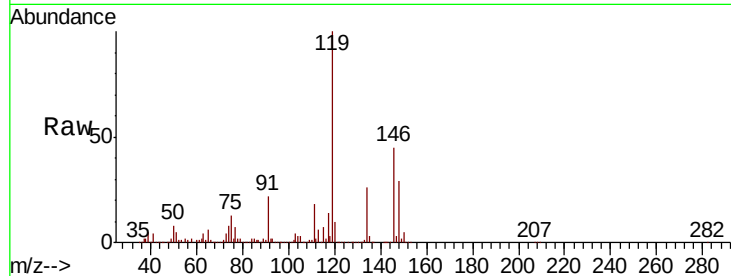




#87
 1,3-Dichlorobenzene
 Concen: 103.029 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

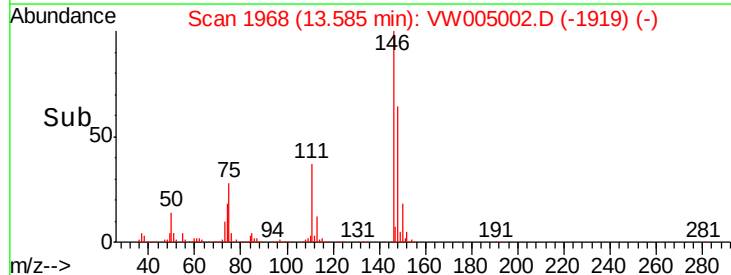
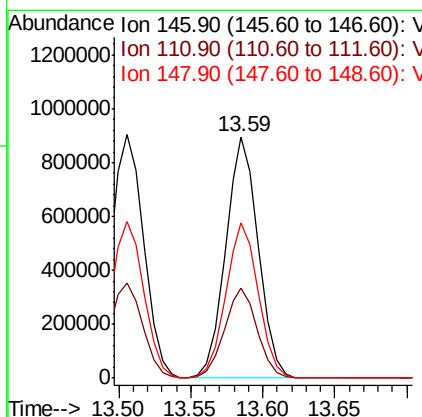
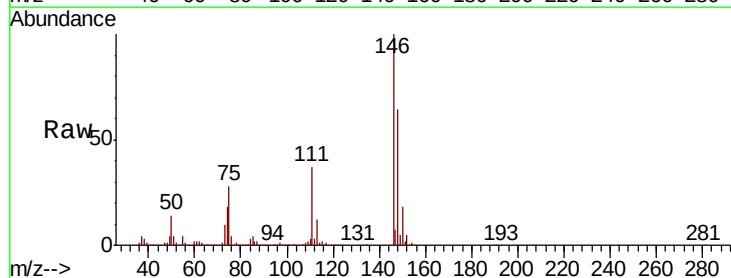
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

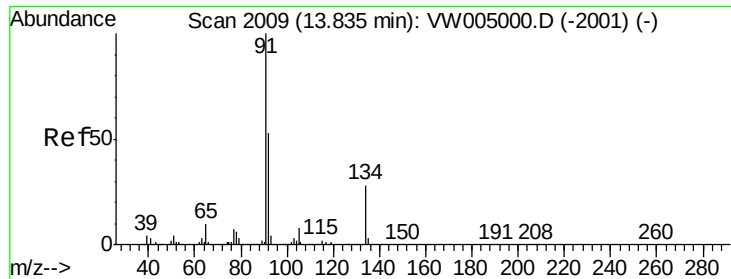
Tgt Ion:146 Resp: 1436172
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 64.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 102.169 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion:146 Resp: 1410717
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.3 31.7 95.1

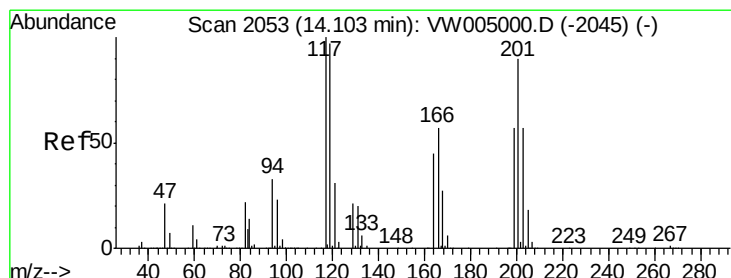
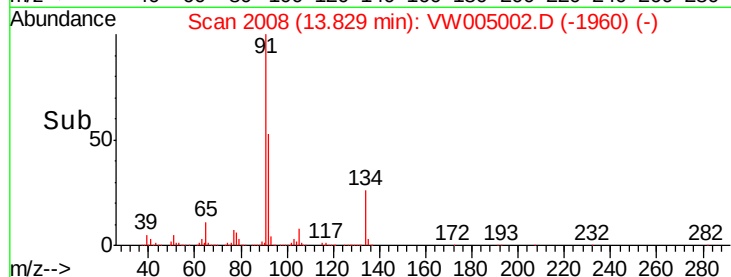
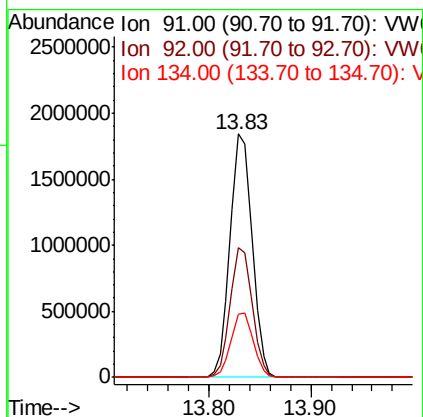
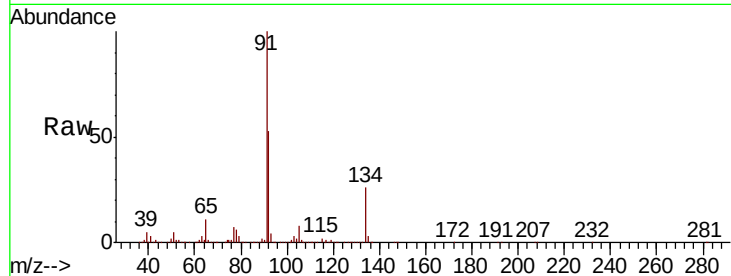




#89
n-Butylbenzene
Concen: 112.255 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

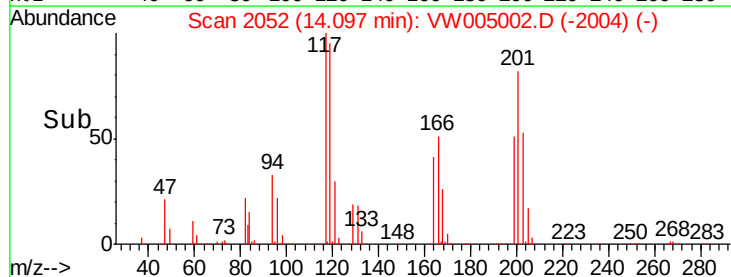
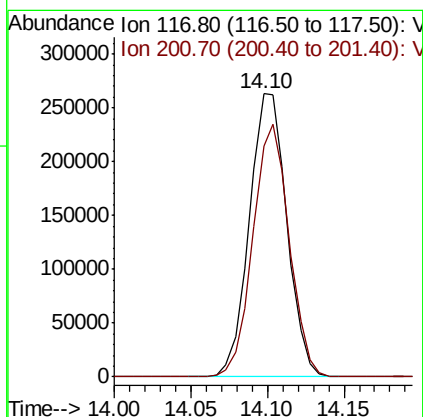
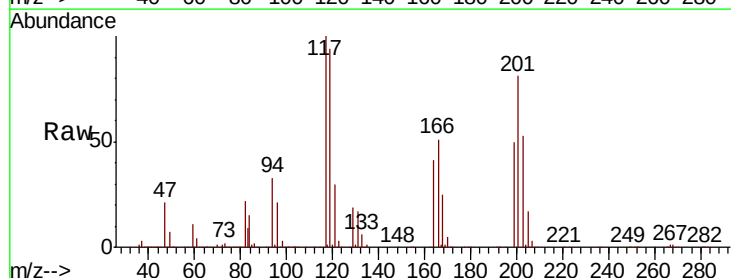
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

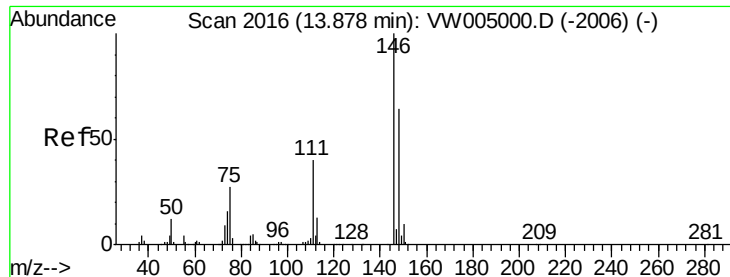
Tgt Ion: 91 Resp: 2756109
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 109.065 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion: 117 Resp: 448389
Ion Ratio Lower Upper
117 100
201 86.6 44.3 132.8

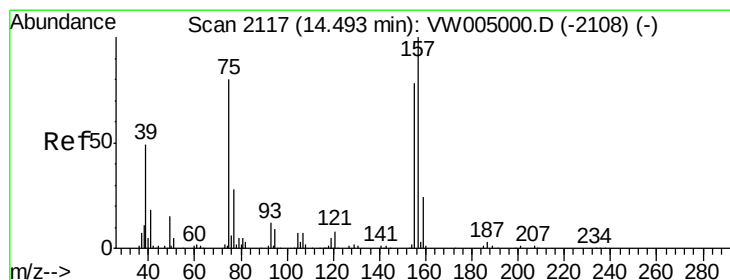
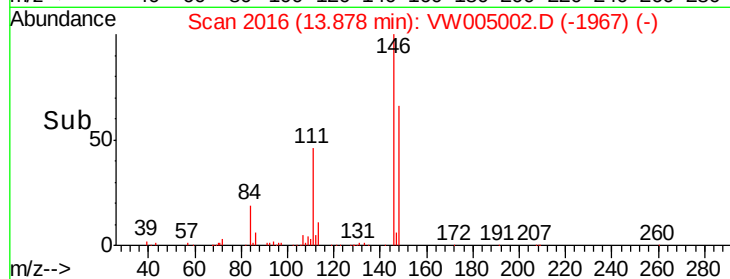
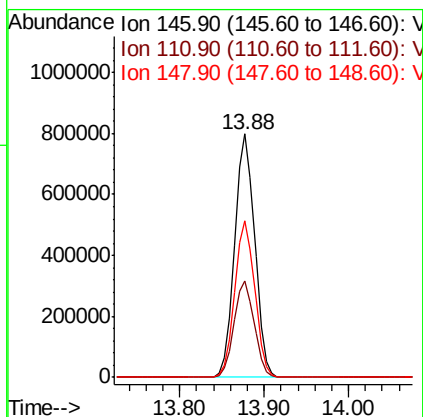
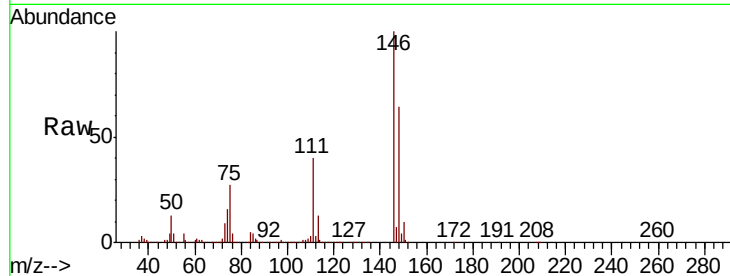




#91
 1,2-Dichlorobenzene
 Concen: 103.808 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

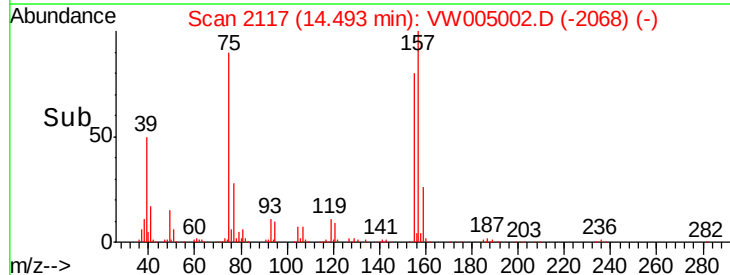
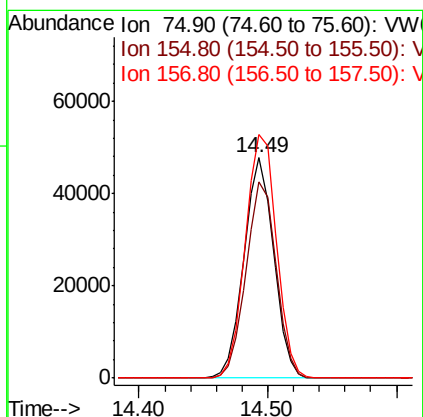
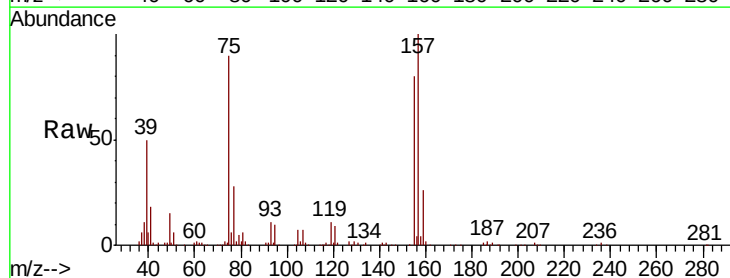
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

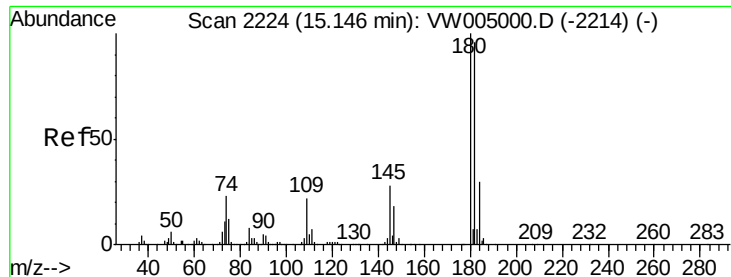
Tgt Ion:146 Resp: 1273792
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.089 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion: 75 Resp: 76451
 Ion Ratio Lower Upper
 75 100
 155 89.6 46.1 138.2
 157 114.6 58.7 176.1

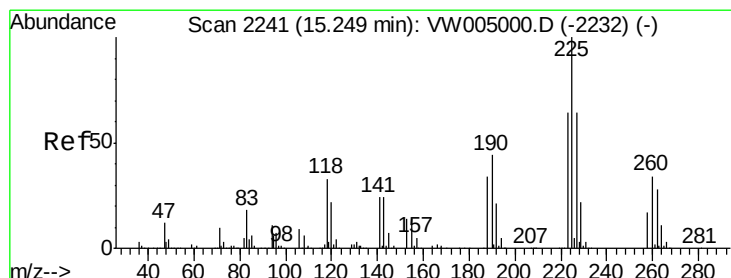
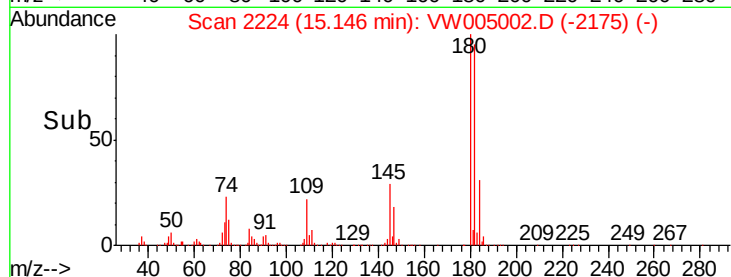
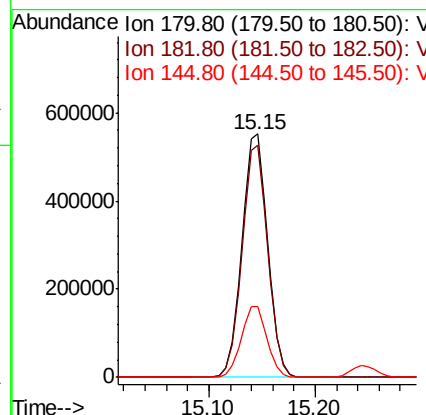
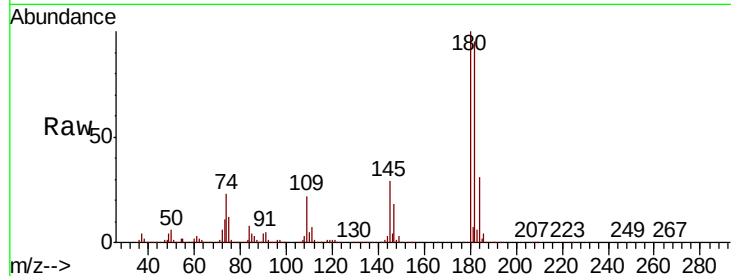




#93
 1,2,4-Trichlorobenzene
 Concen: 108.980 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

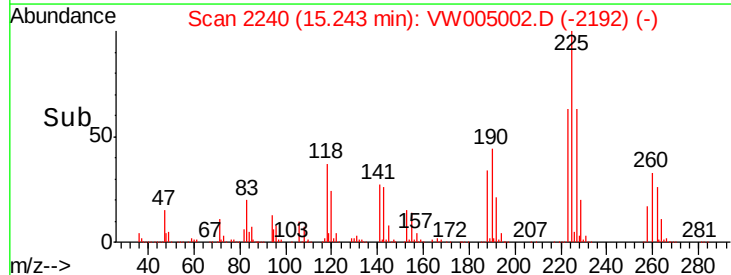
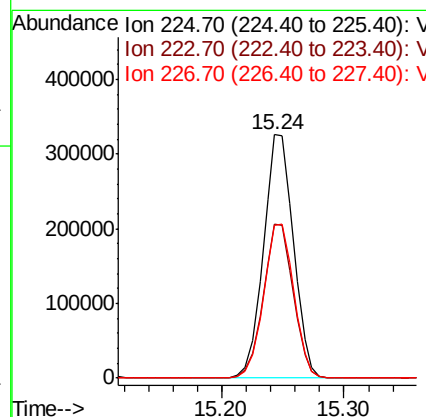
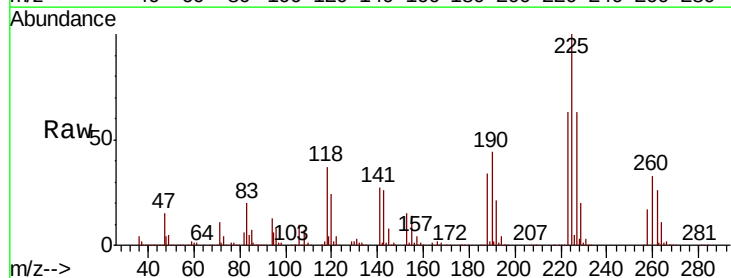
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

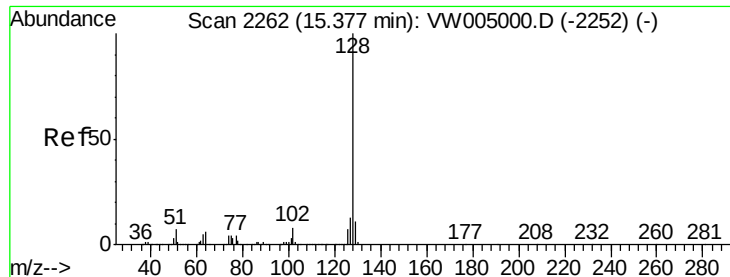
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	29.2	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 103.547 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW005002.D
 Acq: 29 Aug 2018 14:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.0
227	63.8	31.9	95.7

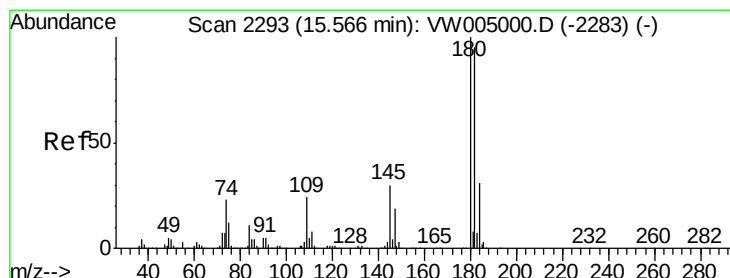
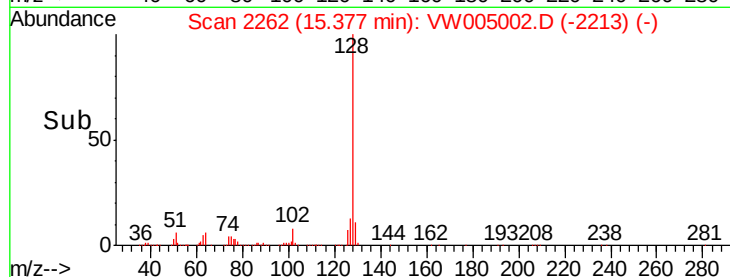
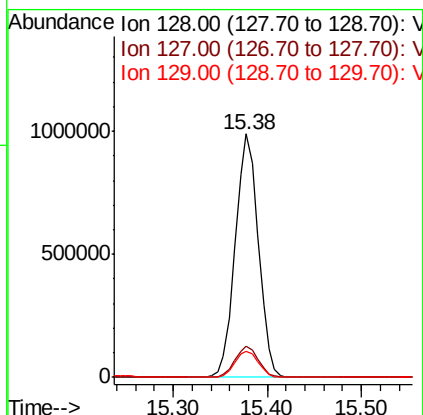
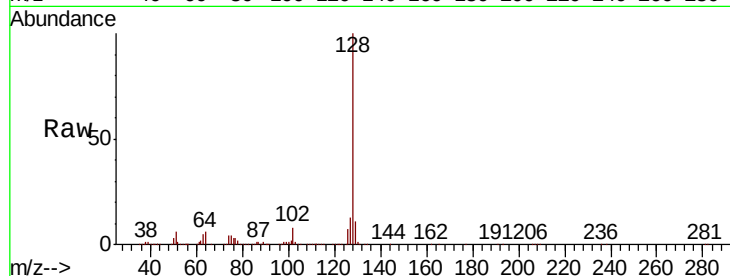




#95
Naphthalene
Concen: 119.111 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1679882
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 108.094 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005002.D
Acq: 29 Aug 2018 14:18

Tgt Ion:180 Resp: 820896
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.8
145 30.5 15.1 45.3

