

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011513.D
 Acq On : 26 Jul 2019 13:17
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Quant Time: Jul 27 00:14:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	289373	101.31	ug/l	0.00
Spiked Amount						
			Recovery	=	202.62%	
35) Dibromofluoromethane	7.88	113	232615	102.35	ug/l	0.00
Spiked Amount						
			Recovery	=	204.70%	
50) Toluene-d8	10.32	98	961524	103.33	ug/l	0.00
Spiked Amount						
			Recovery	=	206.66%	
62) 4-Bromofluorobenzene	12.62	95	341822	103.04	ug/l	0.00
Spiked Amount						
			Recovery	=	206.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	136904	98.751	ug/l	96
3) Chloromethane	2.21	50	221893	92.303	ug/l	100
4) Vinyl Chloride	2.36	62	276667	95.594	ug/l	99
5) Bromomethane	2.77	94	151765	94.736	ug/l	100
6) Chloroethane	2.92	64	164927	99.761	ug/l	99
7) Trichlorofluoromethane	3.25	101	136033	105.170	ug/l	98
8) Diethyl Ether	3.68	74	151853	103.545	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	240986	98.215	ug/l	100
10) Methyl Iodide	4.27	142	356399	102.784	ug/l	100
11) Tert butyl alcohol	5.16	59	104862	437.287	ug/l	99
12) 1,1-Dichloroethene	4.04	96	260530	100.564	ug/l	99
13) Acrolein	3.89	56	99123	483.630	ug/l	100
14) Allyl chloride	4.66	41	582699	105.750	ug/l	99
15) Acrylonitrile	5.36	53	378288	516.730	ug/l	99
16) Acetone	4.11	43	461881	508.334	ug/l	100
17) Carbon Disulfide	4.38	76	827087	102.003	ug/l	100
18) Methyl Acetate	4.66	43	209820	102.793	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	411623	100.124	ug/l	100
20) Methylene Chloride	4.92	84	286236	91.343	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	281336	100.727	ug/l	96
22) Diisopropyl ether	6.31	45	1052502	101.313	ug/l	99
23) Vinyl Acetate	6.25	43	3416404	523.366	ug/l	99
24) 1,1-Dichloroethane	6.21	63	565340	101.610	ug/l	99
25) 2-Butanone	7.16	43	614884	517.164	ug/l	99
26) 2,2-Dichloropropane	7.16	77	310998	90.890	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	309010	100.524	ug/l	99
28) Bromochloromethane	7.51	49	241571	97.819	ug/l #	99
29) Tetrahydrofuran	7.52	42	355218	522.675	ug/l	99
30) Chloroform	7.67	83	506119	98.601	ug/l	98
31) Cyclohexane	7.95	56	500073	93.633	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	397155	101.597	ug/l	100
36) 1,1-Dichloropropene	8.08	75	420475	99.821	ug/l	99
37) Ethyl Acetate	7.25	43	245574	101.333	ug/l	99
38) Carbon Tetrachloride	8.07	117	364164	100.988	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	469487	101.221	ug/l	100
40) Benzene	8.32	78	1182448	100.217	ug/l	100
41) Methacrylonitrile	7.48	41	156139	107.781	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371761	100.637	ug/l	99
43) Isopropyl Acetate	8.42	43	469984	105.451	ug/l	99
44) Trichloroethene	9.09	130	288230	101.639	ug/l	99
45) 1,2-Dichloropropane	9.37	63	321563	101.858	ug/l	99
46) Dibromomethane	9.46	93	146076	101.378	ug/l	99
47) Bromodichloromethane	9.65	83	394575	104.394	ug/l	100
48) Methyl methacrylate	9.43	41	232049	108.387	ug/l	99
49) 1,4-Dioxane	9.45	88	43992	2108.573	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1223976	527.974	ug/l	100
52) Toluene	10.39	92	726936	102.022	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	426180	107.940	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	499903	106.487	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	208854	102.157	ug/l	99
56) Ethyl methacrylate	10.65	69	328590	109.836	ug/l	100
57) 1,3-Dichloropropane	10.93	76	400764	103.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	622830	458.526	ug/l	100
59) 2-Hexanone	10.97	43	901324	550.650	ug/l	99
60) Dibromochloromethane	11.13	129	241201	106.286	ug/l	100
61) 1,2-Dibromoethane	11.23	107	199092	102.905	ug/l	99
64) Tetrachloroethene	10.86	164	234704	100.014	ug/l	98
65) Chlorobenzene	11.66	112	724028	99.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	258024	102.229	ug/l	99
67) Ethyl Benzene	11.73	91	1410935	102.238	ug/l	99
68) m/p-Xylenes	11.84	106	1022256	203.684	ug/l	100
69) o-Xylene	12.16	106	480685	103.067	ug/l	100
70) Styrene	12.18	104	841212	104.320	ug/l	100
71) Bromoform	12.35	173	137454	106.811	ug/l #	98
73) Isopropylbenzene	12.46	105	1321401	100.695	ug/l	100
74) N-amyl acetate	12.27	43	445719	108.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	250586	101.518	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	341749	183.006	ug/l #	100
77) Bromobenzene	12.75	156	294272	101.454	ug/l	100
78) n-propylbenzene	12.80	91	1612256	100.952	ug/l	100
79) 2-Chlorotoluene	12.89	91	922890	100.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1112439	101.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89399	110.696	ug/l	98
82) 4-Chlorotoluene	12.99	91	955490	98.980	ug/l	99
83) tert-Butylbenzene	13.21	119	935739	101.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1120238	101.094	ug/l	100
85) sec-Butylbenzene	13.38	105	1321702	100.697	ug/l	100
86) p-Isopropyltoluene	13.50	119	1204565	101.147	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	562583	98.919	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	557523	98.545	ug/l	100
89) n-Butylbenzene	13.82	91	1209023	101.731	ug/l	99
90) Hexachloroethane	14.10	117	221022	104.956	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	500028	99.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43864	104.209	ug/l	99

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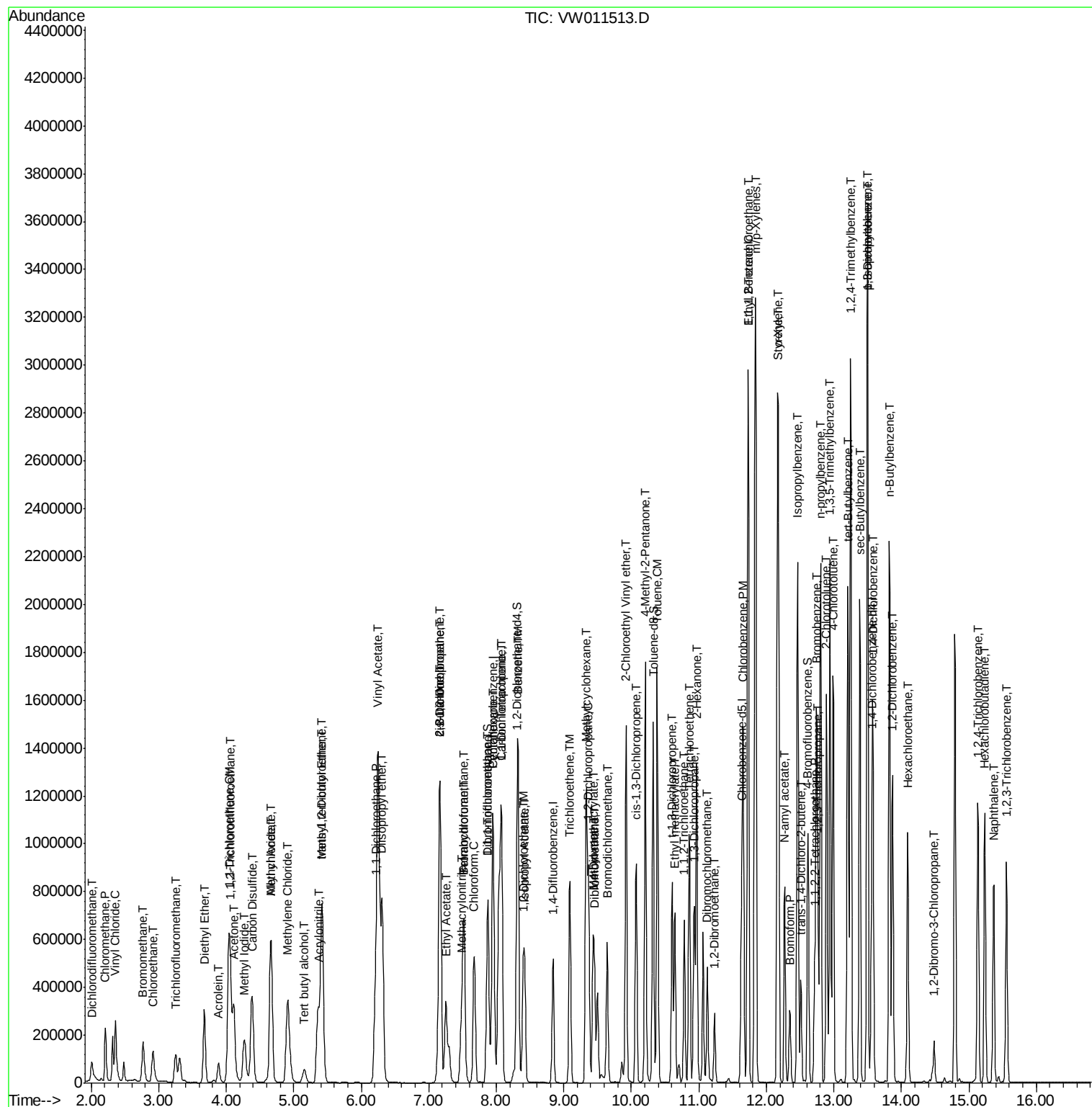
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	365350	103.058	ug/l	100
94) Hexachlorobutadiene	15.24	225	217541	98.399	ug/l	99
95) Naphthalene	15.37	128	692783	110.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	318491	102.491	ug/l	100

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

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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

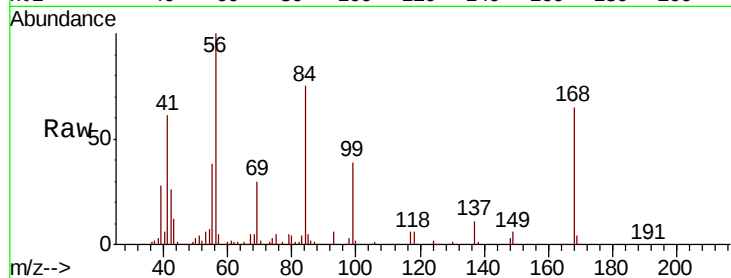
VSTDIC100

Tot Ion:168 Resp: 248756

Ion Ratio Lower Upper

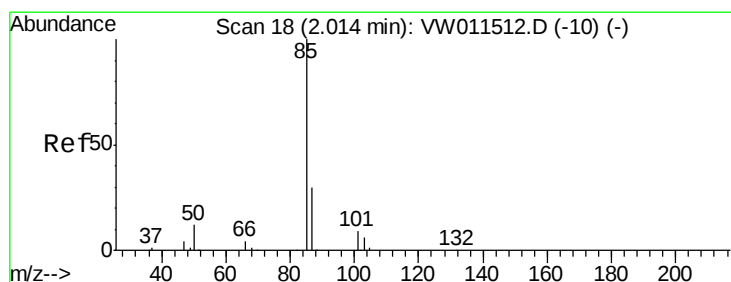
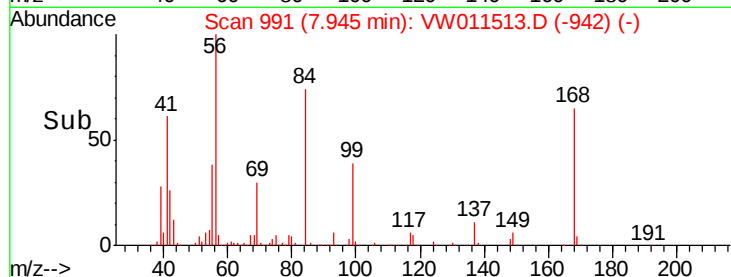
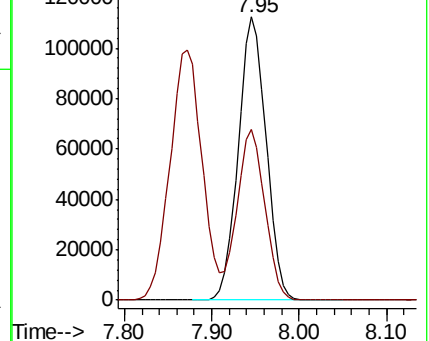
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 98.751 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011513.D

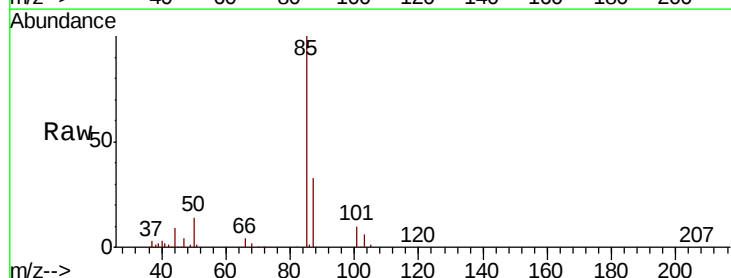
Acq: 26 Jul 2019 13:17

Tgt Ion: 85 Resp: 136904

Ion Ratio Lower Upper

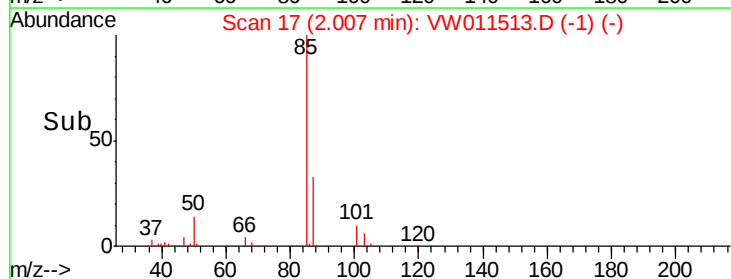
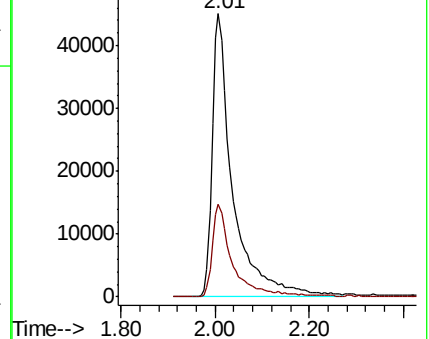
85 100

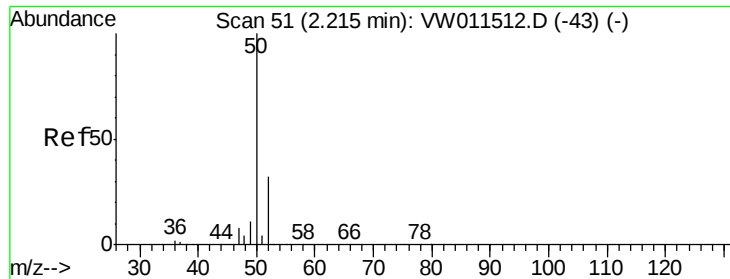
87 32.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 92.303 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

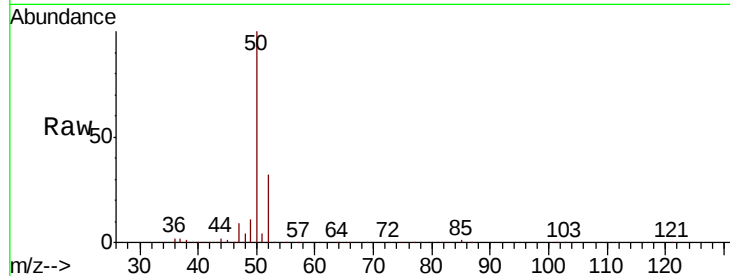
VSTDIC100

Tot Ion: 50 Resp: 221893

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

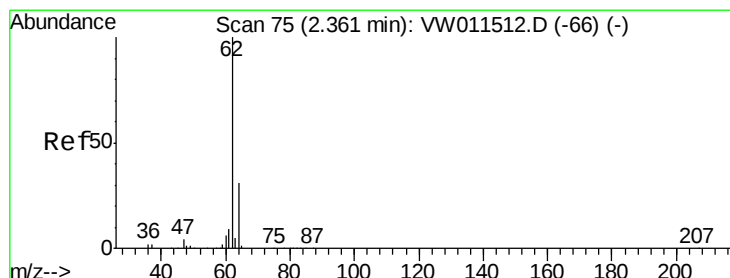
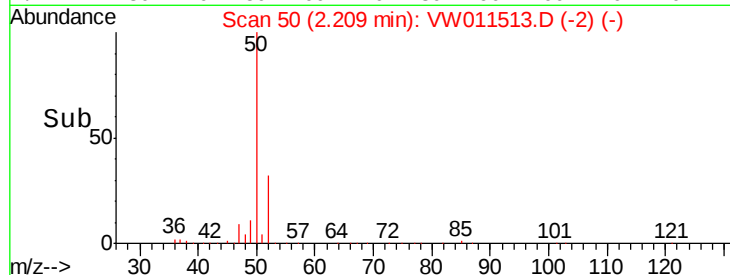
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 95.594 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011513.D

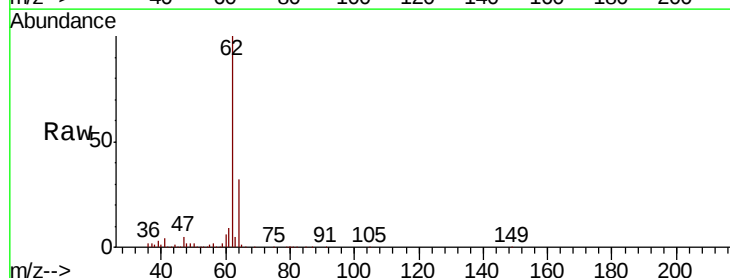
Acq: 26 Jul 2019 13:17

Tgt Ion: 62 Resp: 276667

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

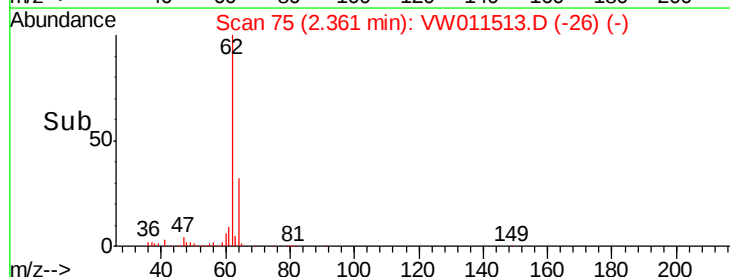
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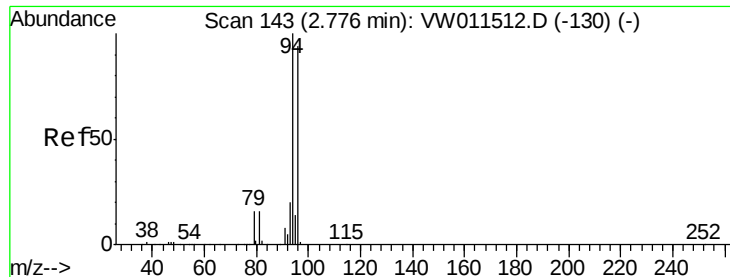
100000

50000

0

Time-->





#5

Bromomethane

Concen: 94.736 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

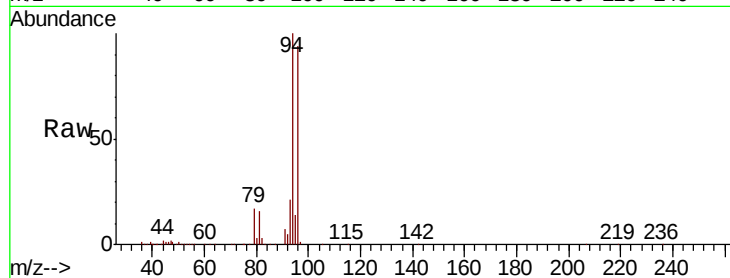
VSTDIC100

Tot Ion: 94 Resp: 151765

Ion Ratio Lower Upper

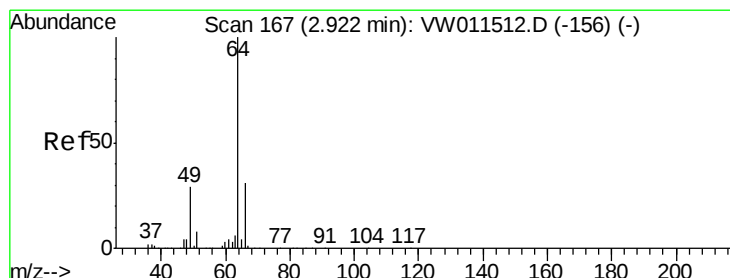
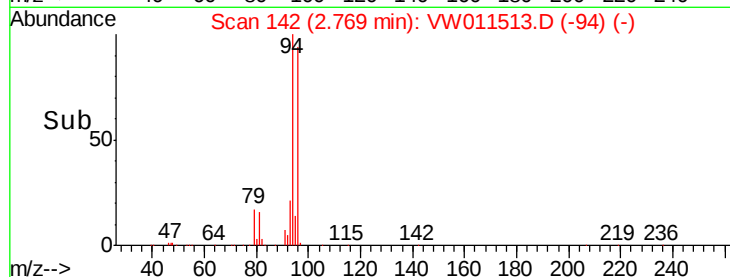
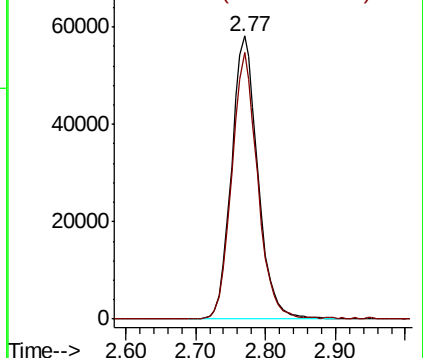
94 100

96 94.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 99.761 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011513.D

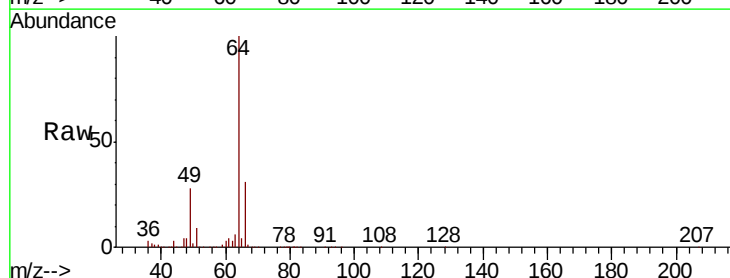
Acq: 26 Jul 2019 13:17

Tgt Ion: 64 Resp: 164927

Ion Ratio Lower Upper

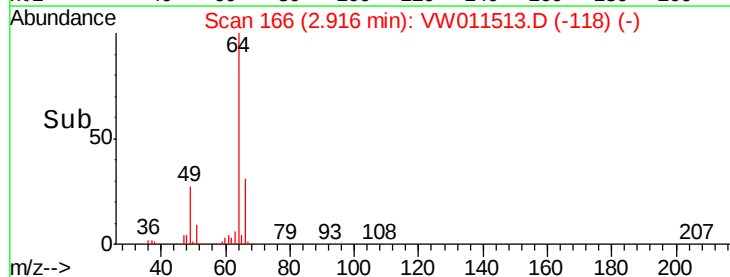
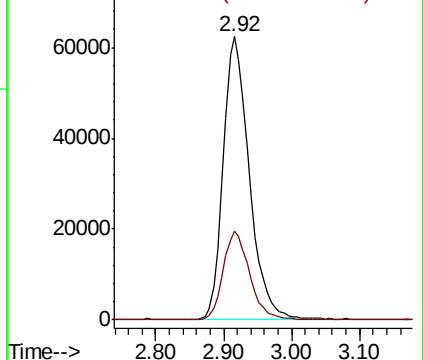
64 100

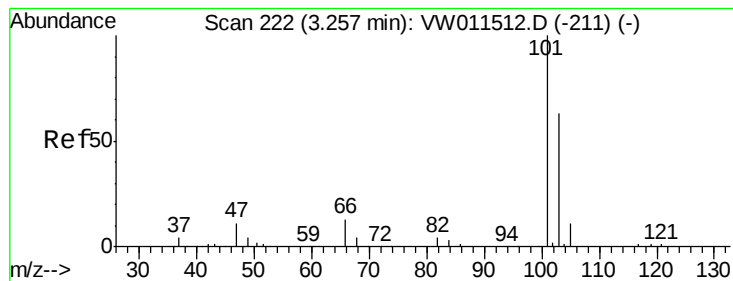
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



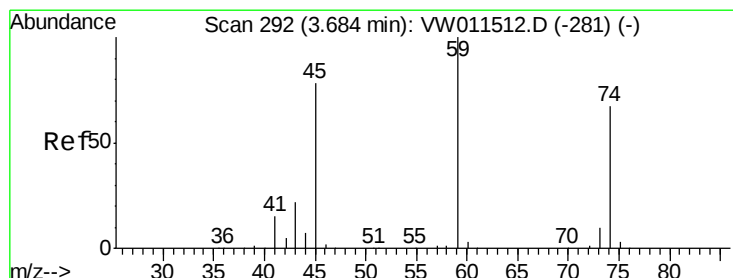
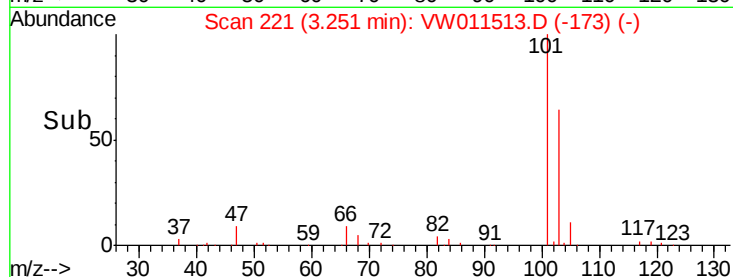
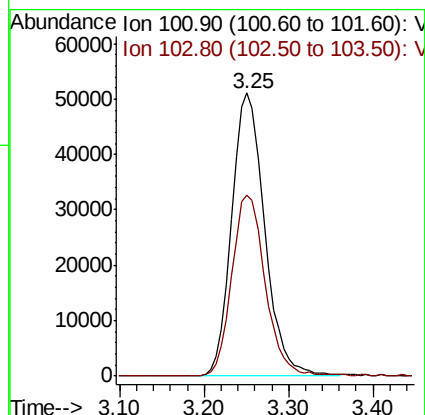
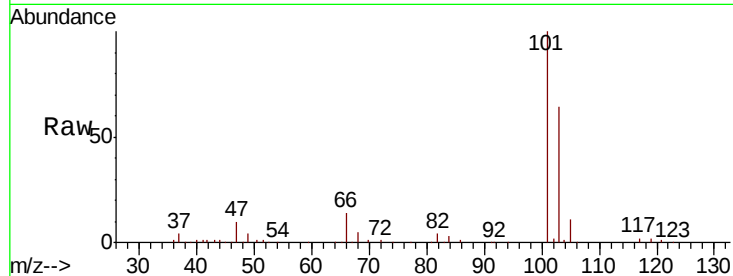


#7

Trichlorofluoromethane
 Concen: 105.170 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

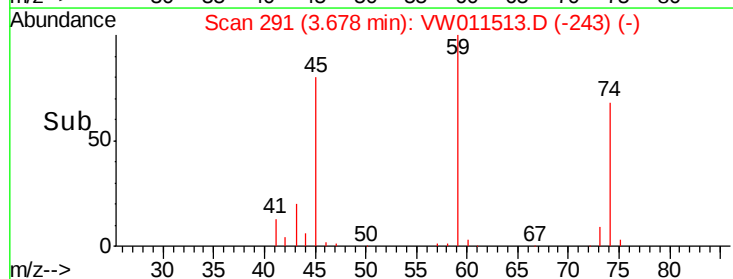
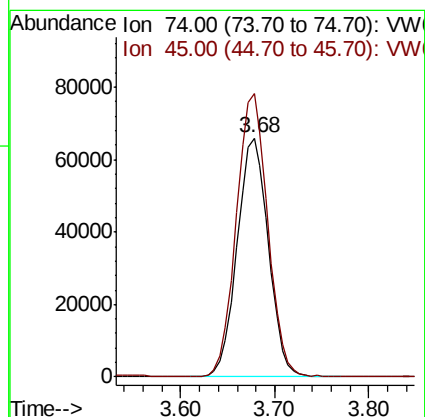
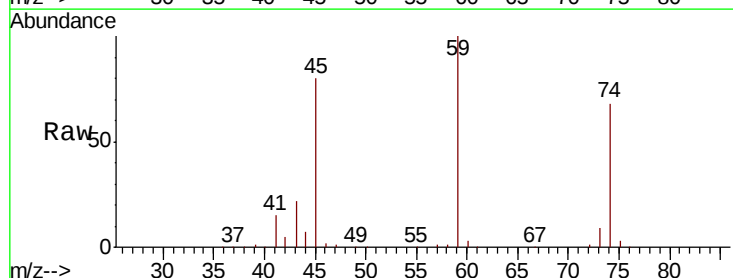
Tot Ion:101 Resp: 136033
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.2 75.4

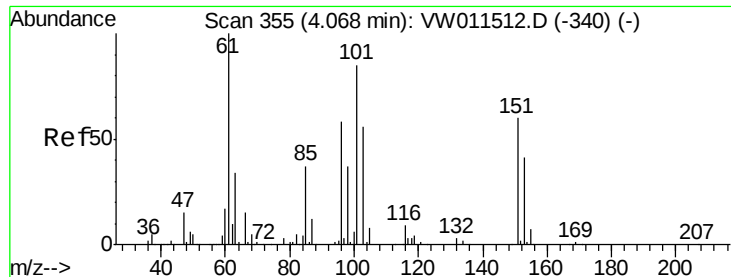


#8

Diethyl Ether
 Concen: 103.545 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 74 Resp: 151853
 Ion Ratio Lower Upper
 74 100
 45 118.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.215 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

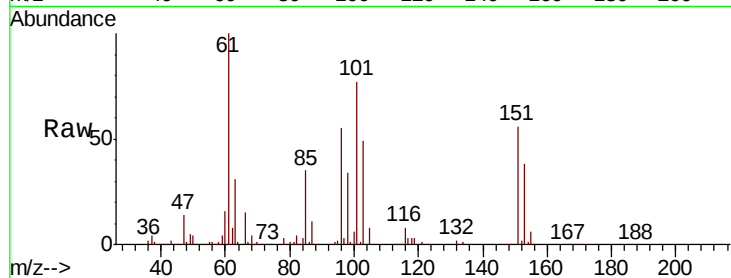
Tot Ion:101 Resp: 240986

Ion Ratio Lower Upper

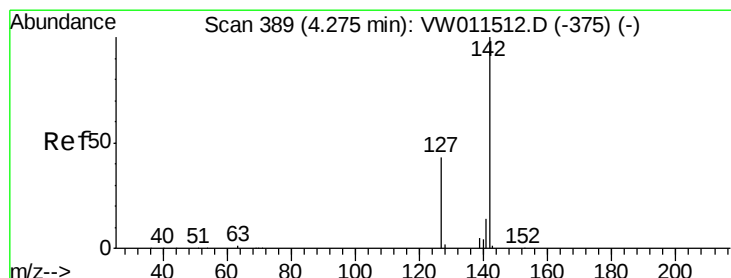
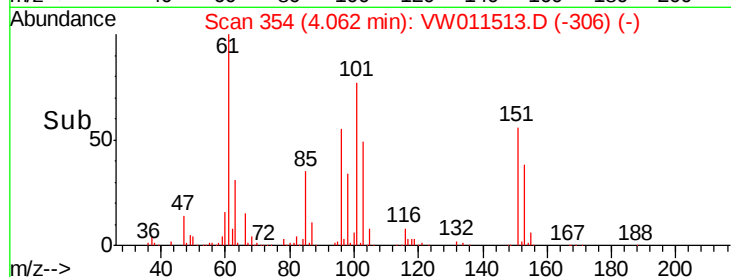
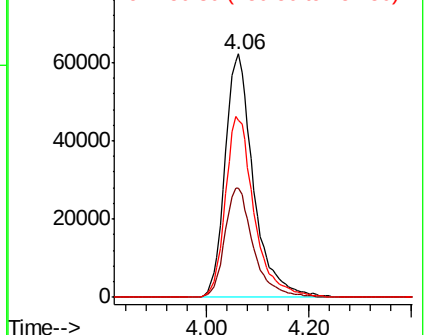
101 100

85 45.3 36.6 54.8

151 75.1 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 102.784 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

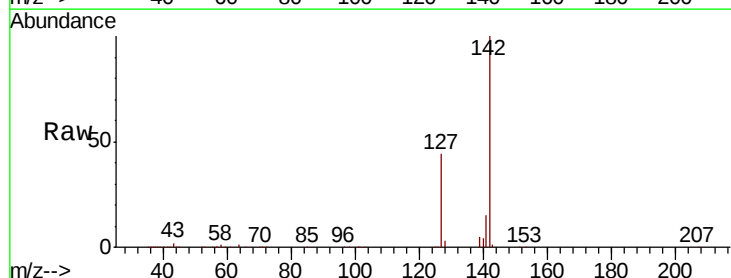
Tgt Ion:142 Resp: 356399

Ion Ratio Lower Upper

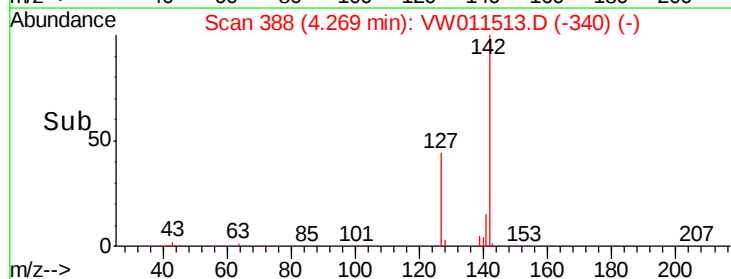
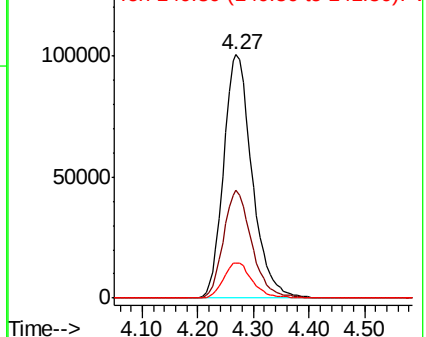
142 100

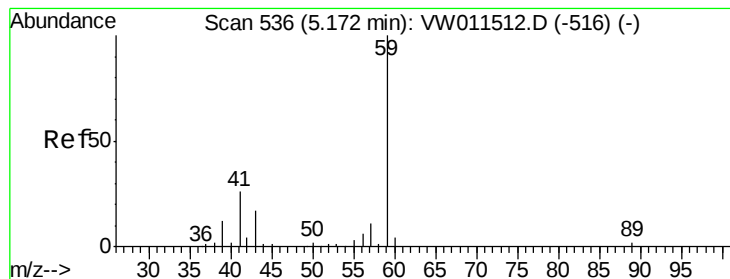
127 43.8 35.0 52.6

141 14.7 11.9 17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



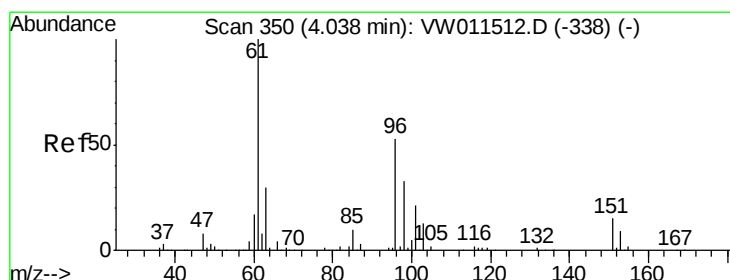
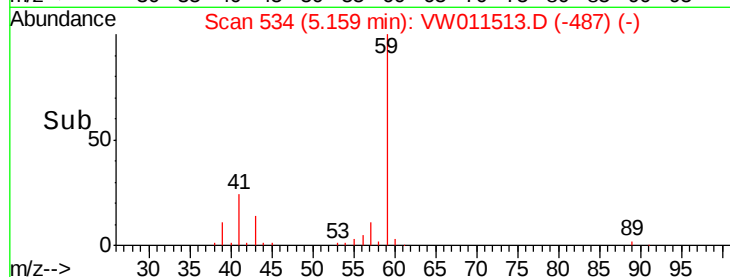
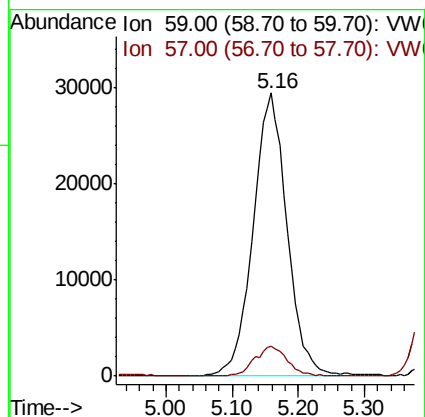
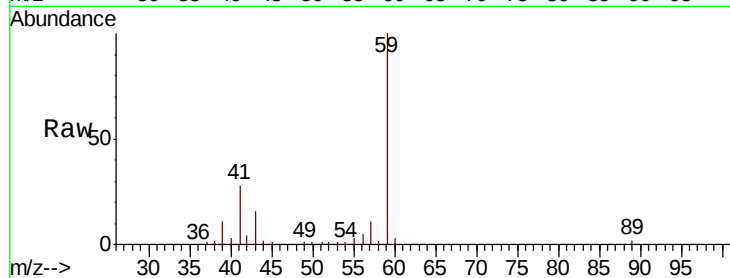


#11

Tert butyl alcohol
 Concen: 437.287 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

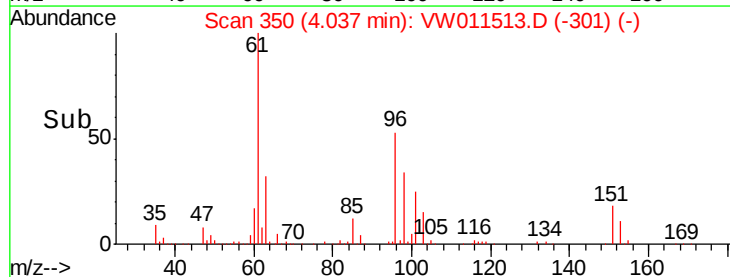
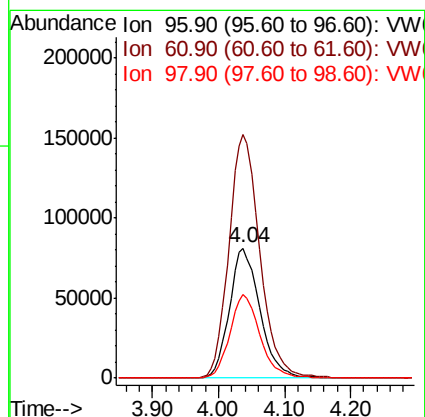
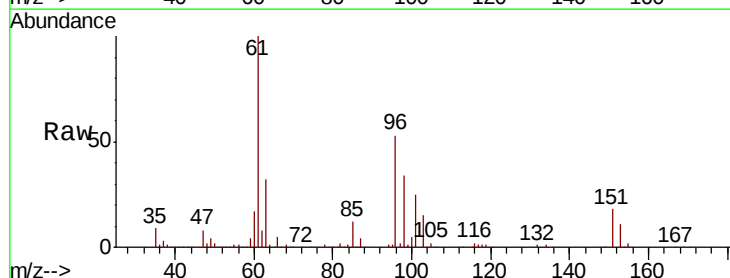
Tot Ion: 59 Resp: 104862
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

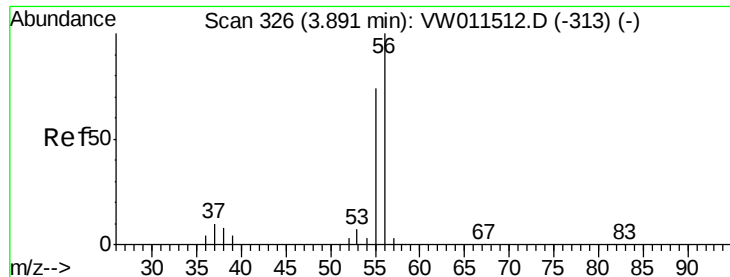


#12

1,1-Dichloroethene
 Concen: 100.564 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 96 Resp: 260530
 Ion Ratio Lower Upper
 96 100
 61 187.2 149.9 224.9
 98 64.5 49.1 73.7

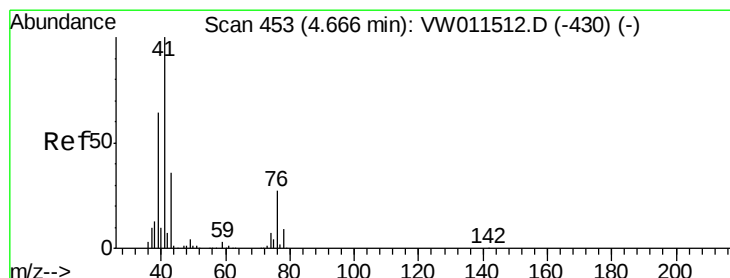
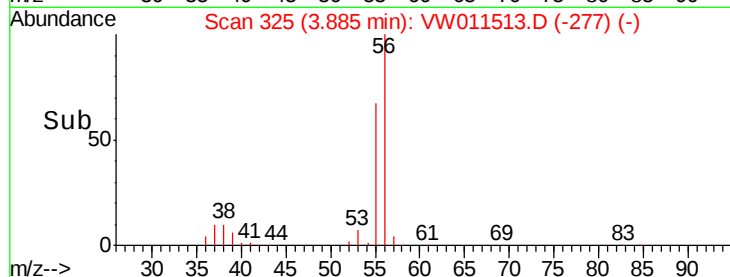
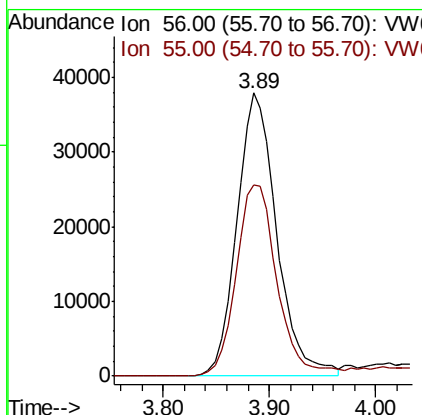
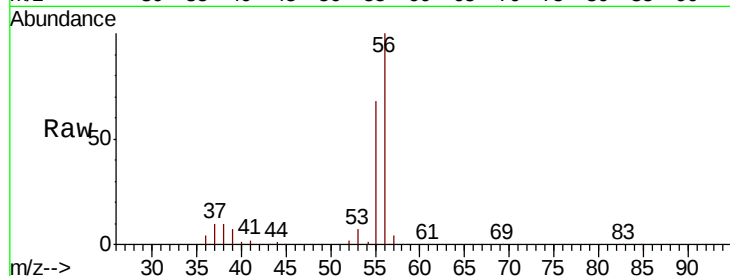




#13
 Acrolein
 Concen: 483.630 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

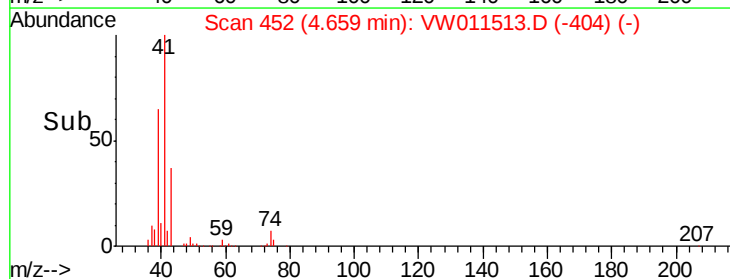
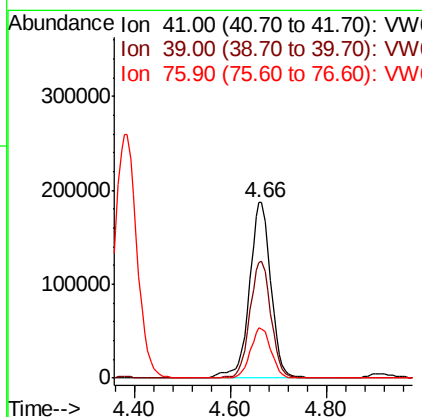
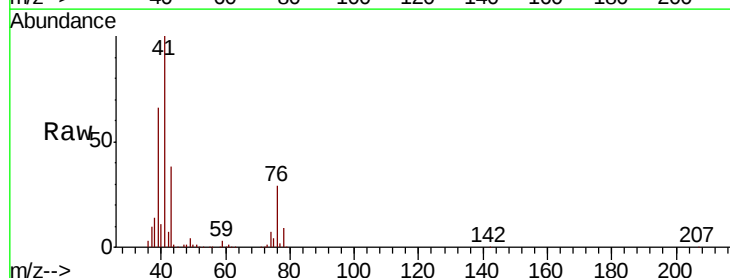
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

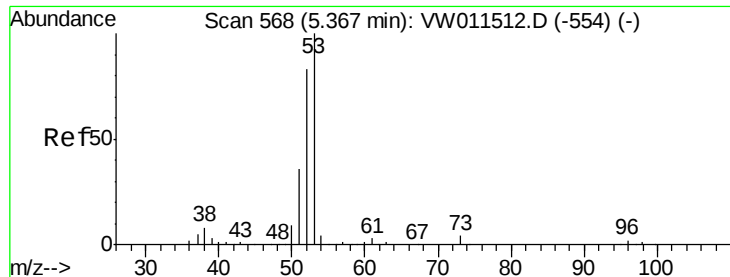
Tot Ion: 56 Resp: 99123
 Ion Ratio Lower Upper
 56 100
 55 70.1 56.0 84.0



#14
 Allyl chloride
 Concen: 105.750 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 41 Resp: 582699
 Ion Ratio Lower Upper
 41 100
 39 65.2 52.6 78.8
 76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 516.730 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

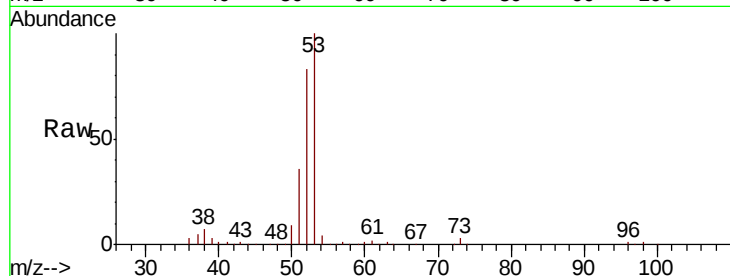
Tot Ion: 53 Resp: 378288

Ion Ratio Lower Upper

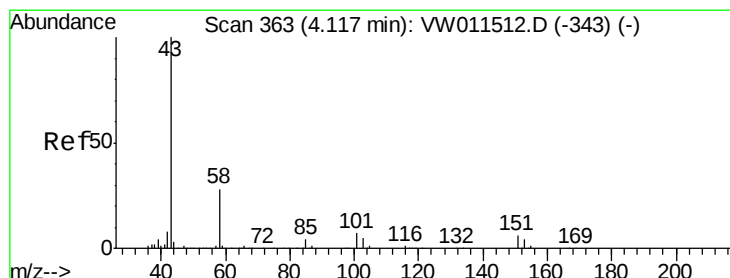
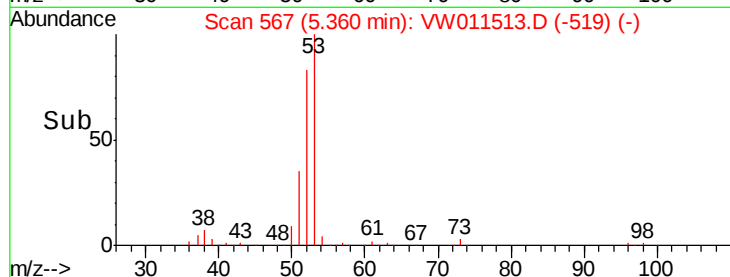
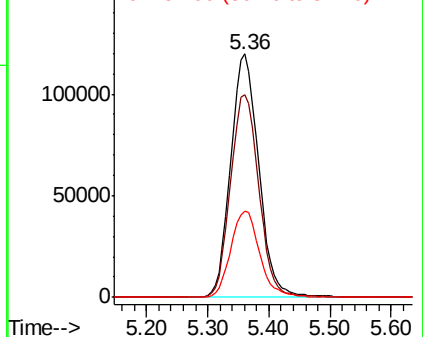
53 100

52 84.2 67.2 100.8

51 36.6 30.0 45.0



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: 508.334 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011513.D

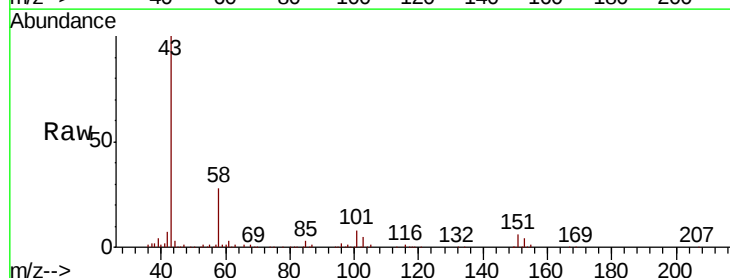
Acq: 26 Jul 2019 13:17

Tgt Ion: 43 Resp: 461881

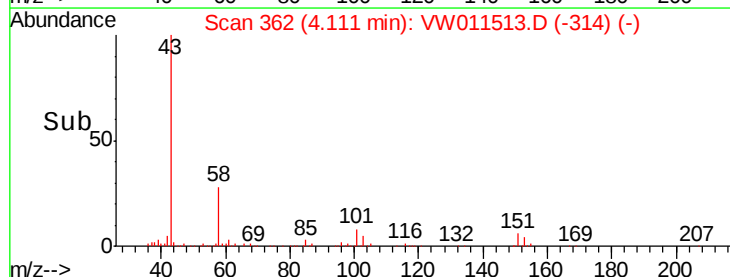
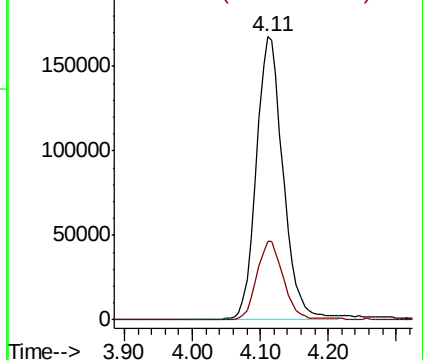
Ion Ratio Lower Upper

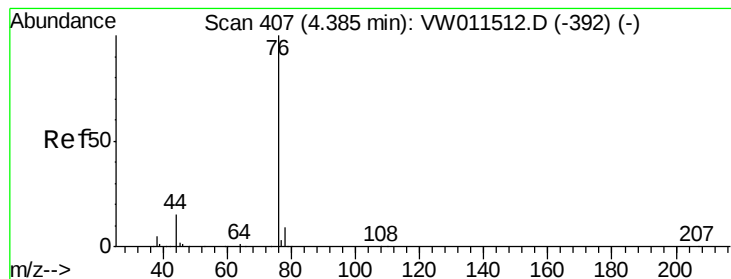
43 100

58 27.6 22.3 33.5



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





#17

Carbon Disulfide

Concen: 102.003 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

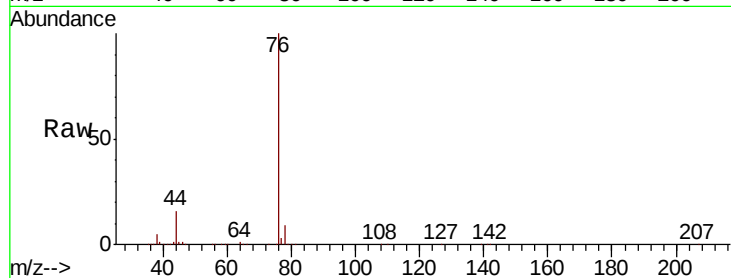
VSTDIC100

Tot Ion: 76 Resp: 827087

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

250000

200000

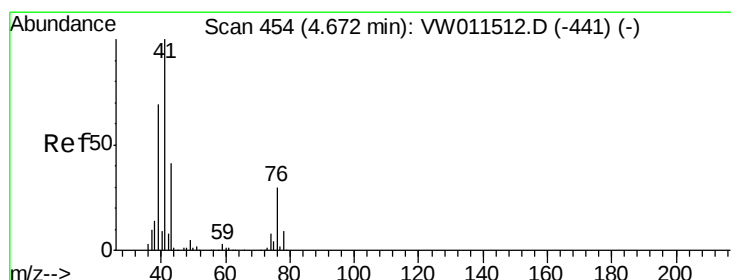
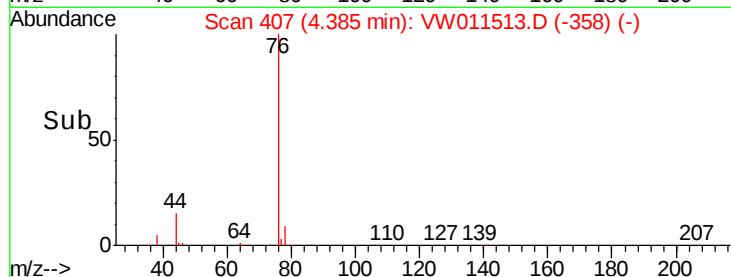
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 102.793 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011513.D

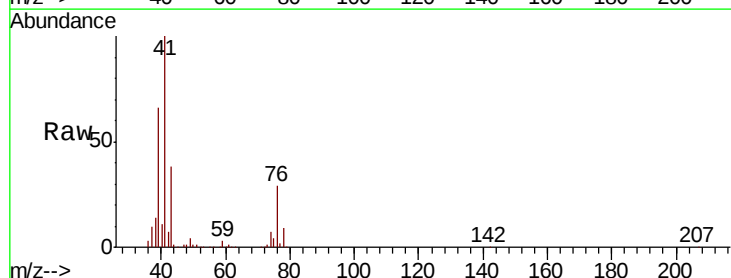
Acq: 26 Jul 2019 13:17

Tgt Ion: 43 Resp: 209820

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

80000

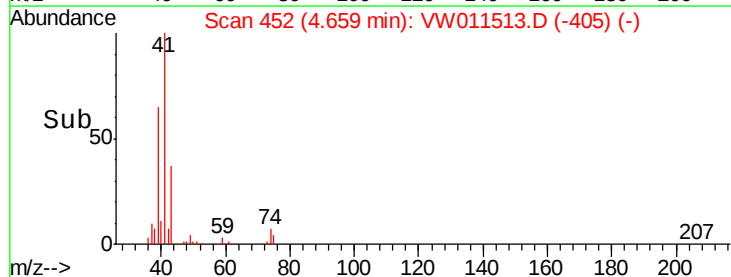
60000

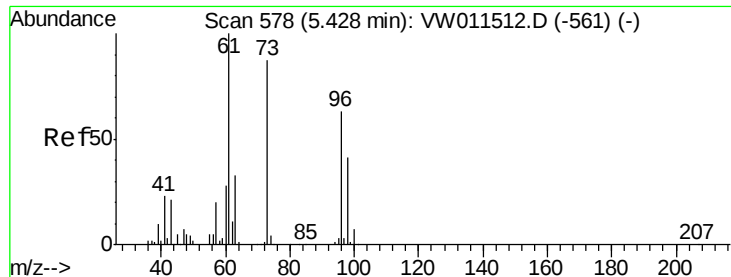
40000

20000

0

Time-->

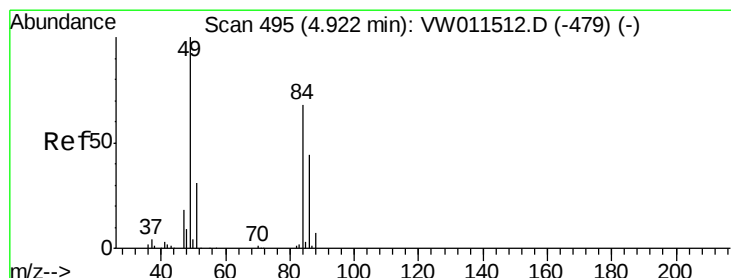
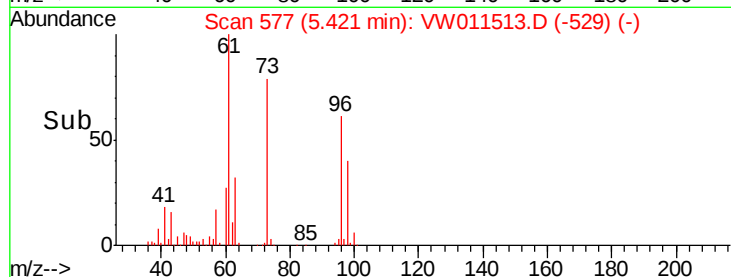
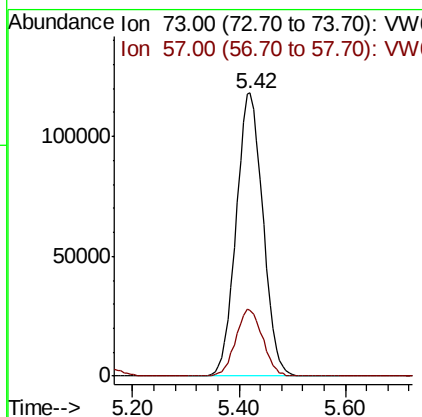
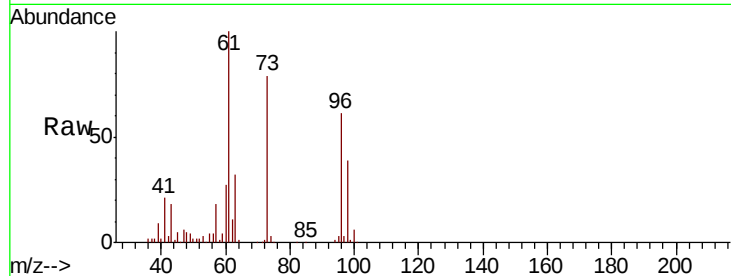




#19
Methyl tert-butyl Ether
Concen: 100.124 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

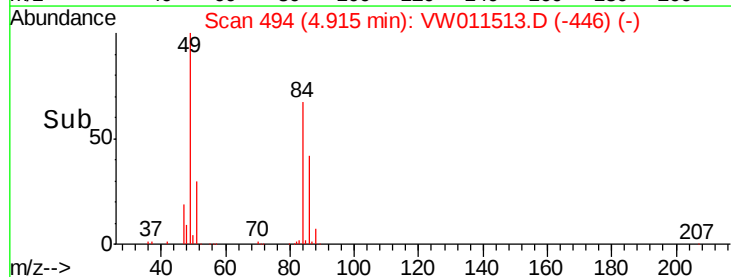
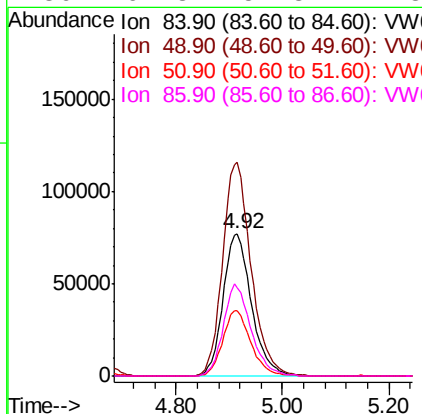
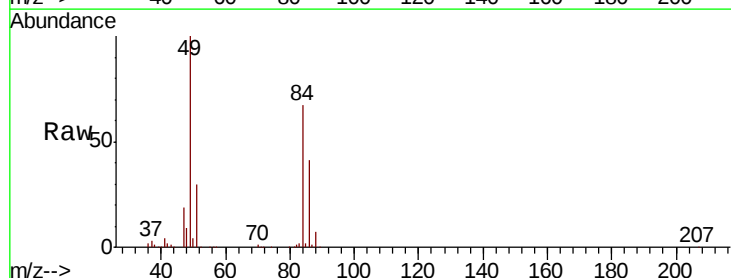
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

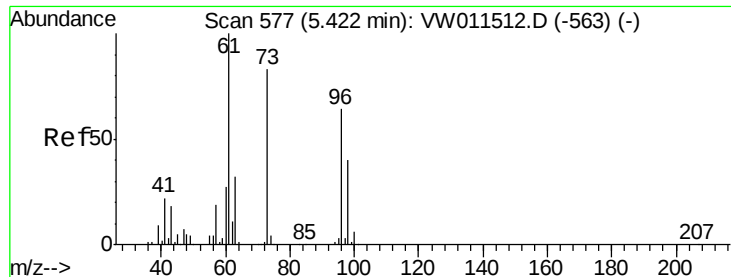
Tot Ion: 73 Resp: 411623
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 91.343 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 84 Resp: 286236
Ion Ratio Lower Upper
84 100
49 150.0 117.8 176.6
51 45.5 37.0 55.4
86 62.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 100.727 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

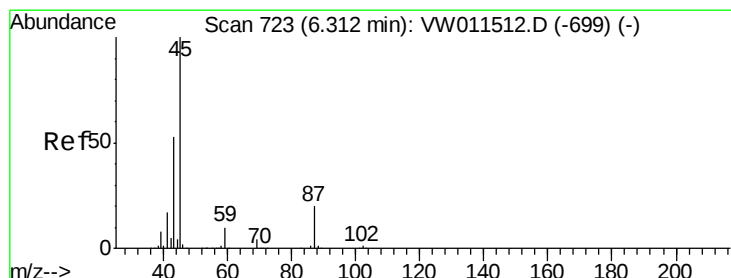
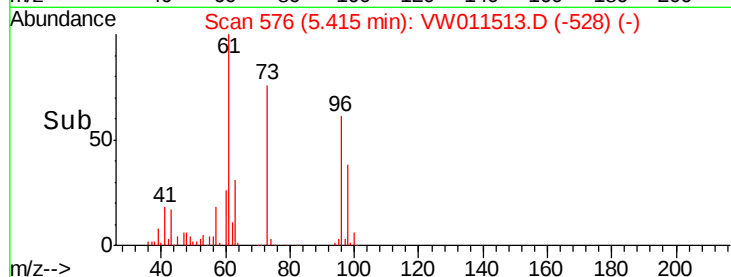
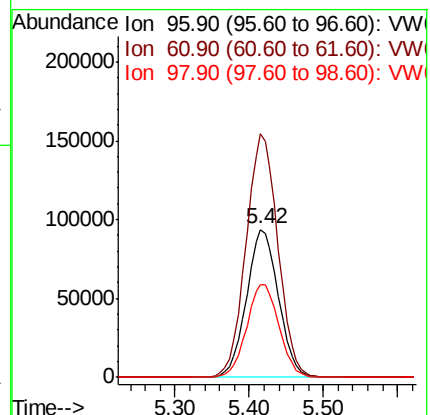
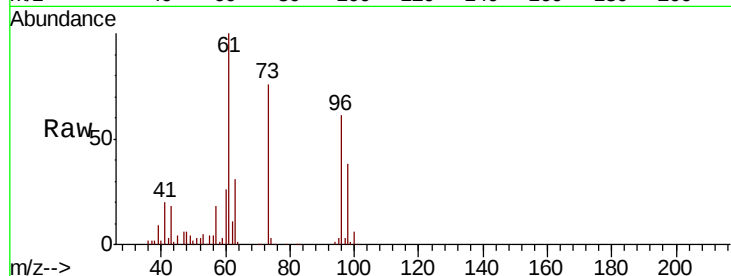
Tot Ion: 96 Resp: 281336

Ion Ratio Lower Upper

96 100

61 164.3 125.7 188.5

98 62.9 50.3 75.5



#22

Diisopropyl ether

Concen: 101.313 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion: 45 Resp: 1052502

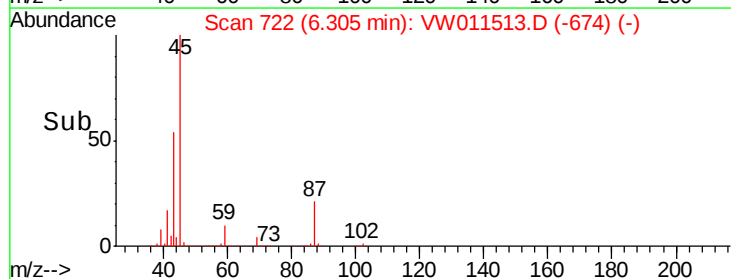
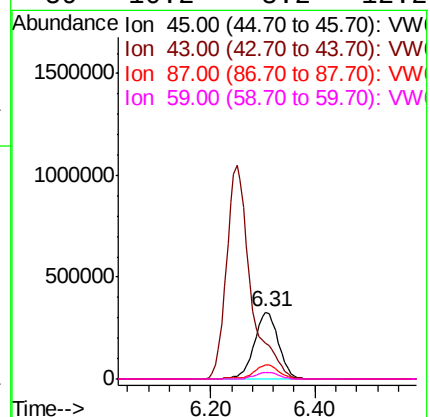
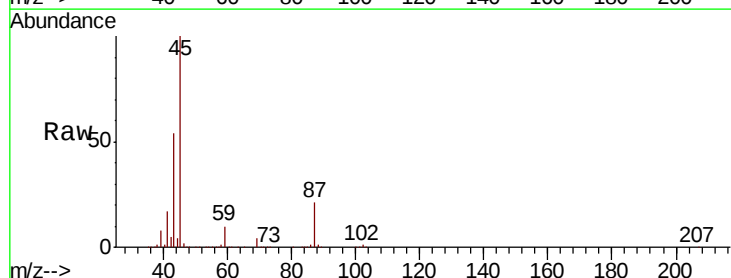
Ion Ratio Lower Upper

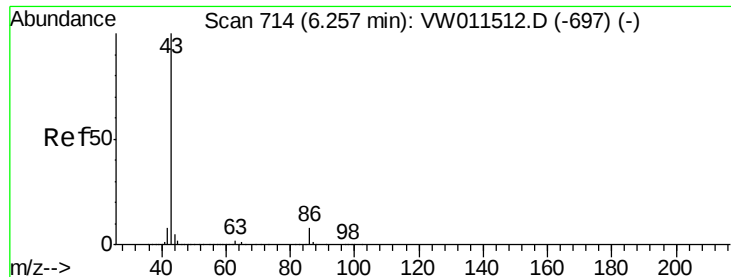
45 100

43 53.5 42.6 63.8

87 21.4 16.4 24.6

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 523.366 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampled :

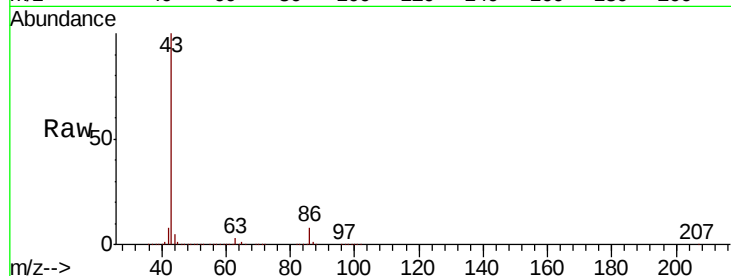
VSTDIC100

Tot Ion: 43 Resp: 3416404

Ion Ratio Lower Upper

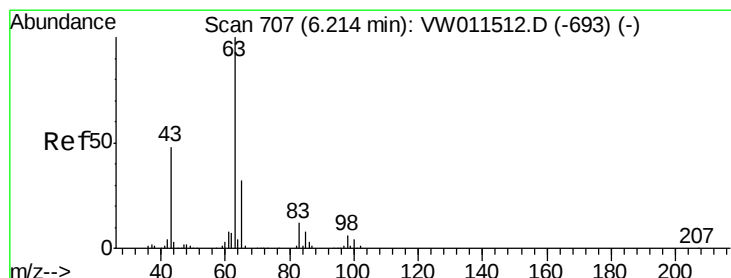
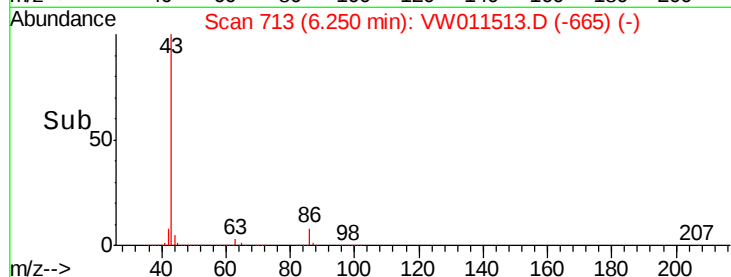
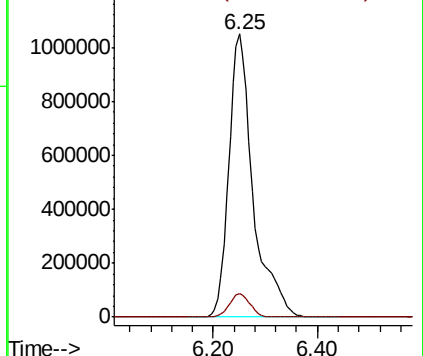
43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 101.610 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

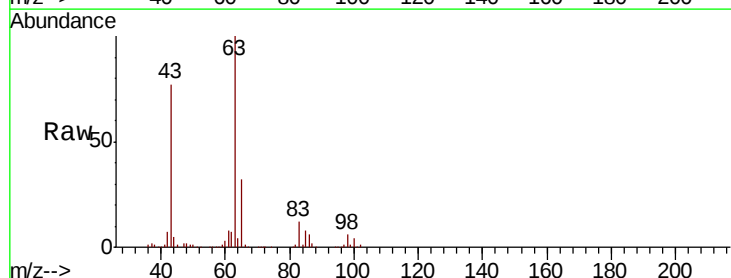
Tgt Ion: 63 Resp: 565340

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

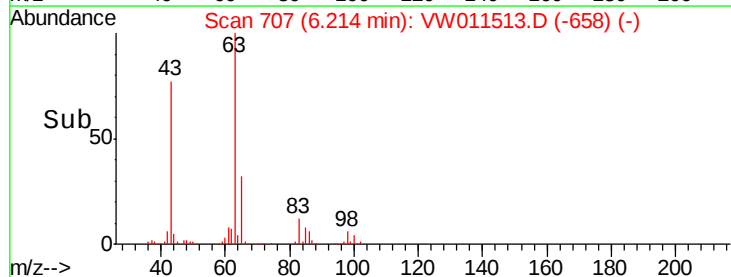
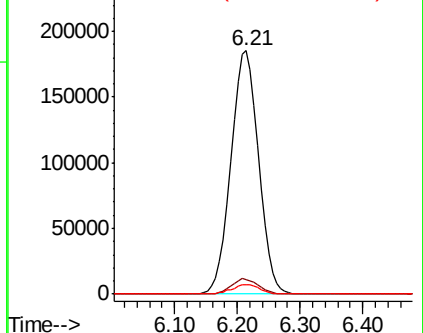
100 3.9 2.1 6.3

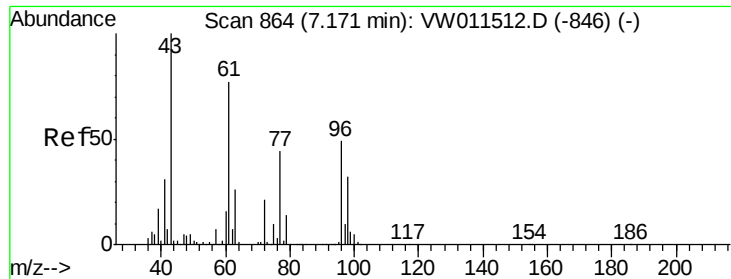


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 517.164 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampled :

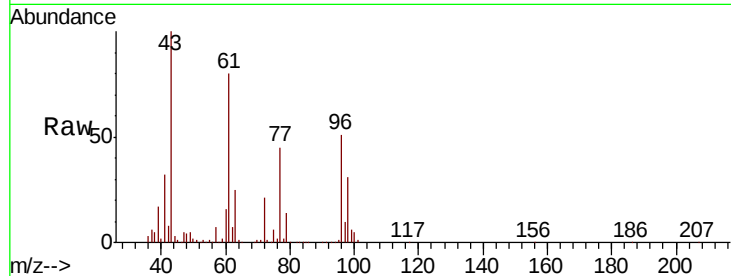
VSTDIC100

Tot Ion: 43 Resp: 614884

Ion Ratio Lower Upper

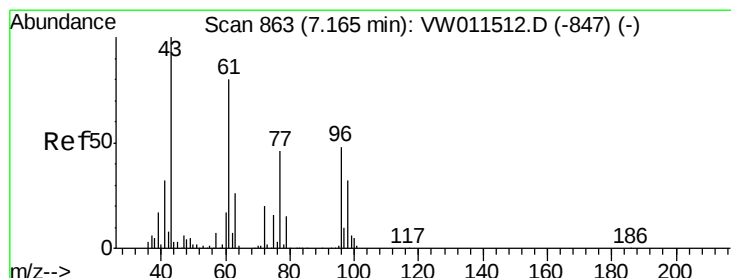
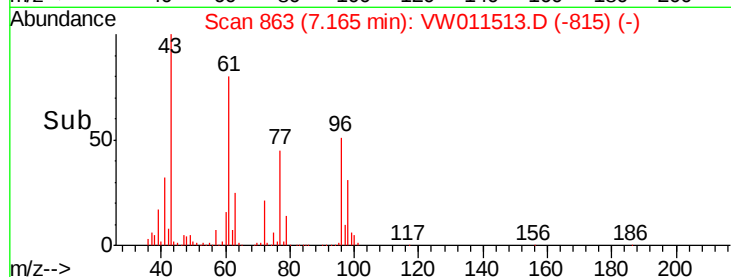
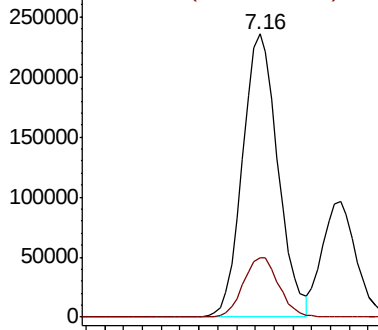
43 100

72 21.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 90.890 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011513.D

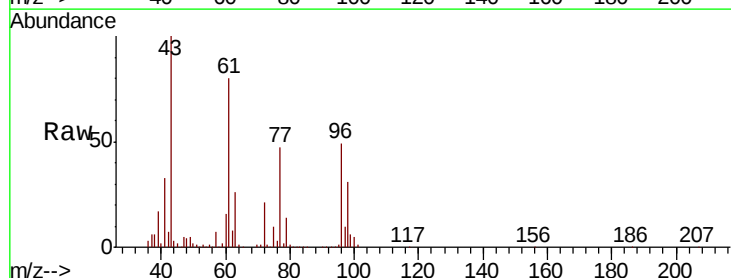
Acq: 26 Jul 2019 13:17

Tgt Ion: 77 Resp: 310998

Ion Ratio Lower Upper

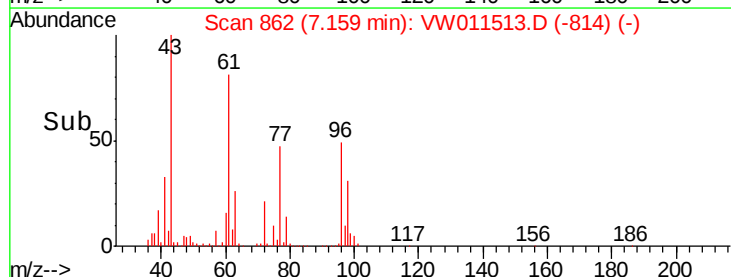
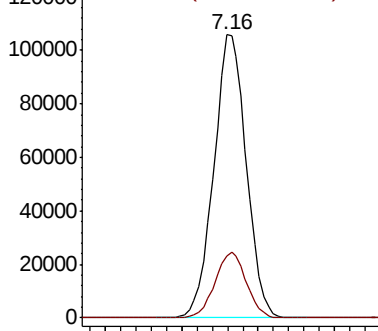
77 100

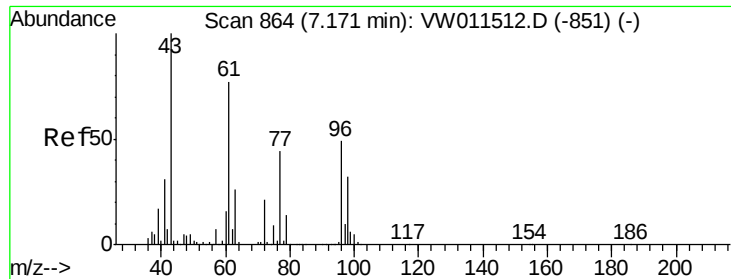
97 22.3 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



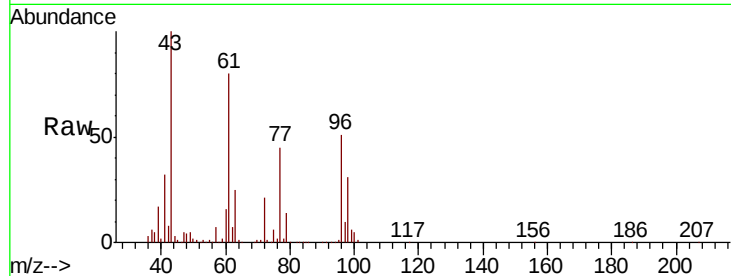


#27

cis-1,2-Dichloroethene
Concen: 100.524 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	96	Resp	309010
Ion Ratio	Lower	Upper	
96	100		
61	162.9	0.0	328.4
98	63.4	0.0	128.8

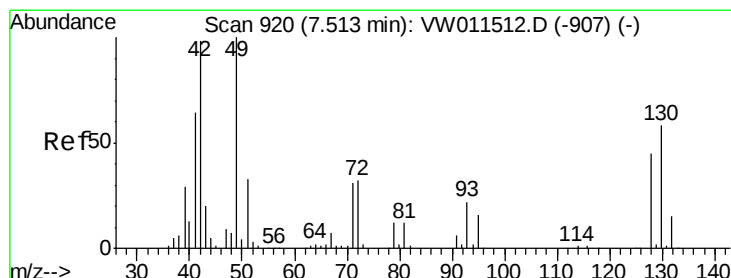
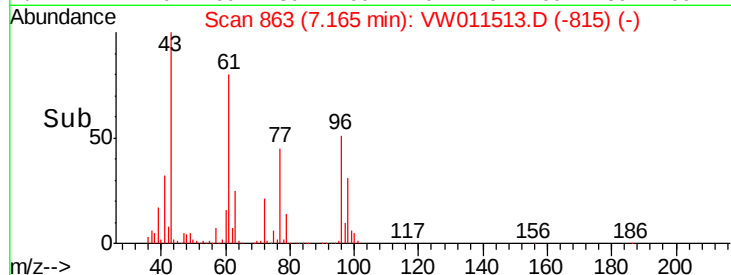
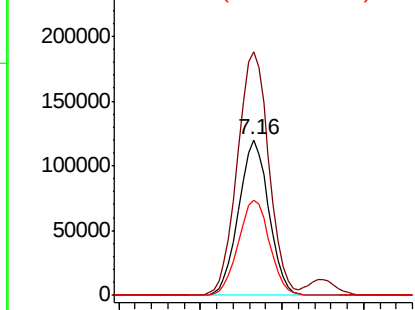


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

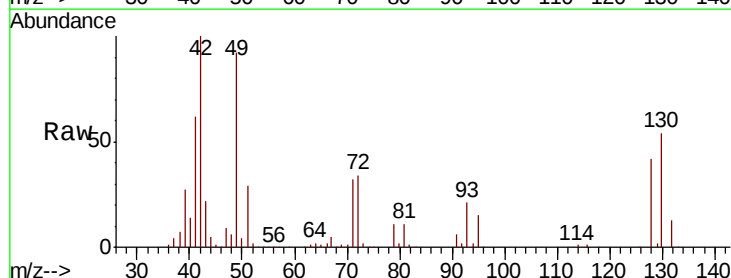
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 97.819 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	49	Resp	241571
Ion Ratio	Lower	Upper	
49	100		
129	1.3	0.0	1.0#
130	58.3	46.3	69.5

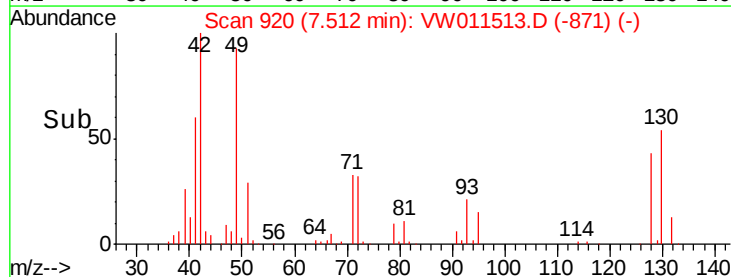
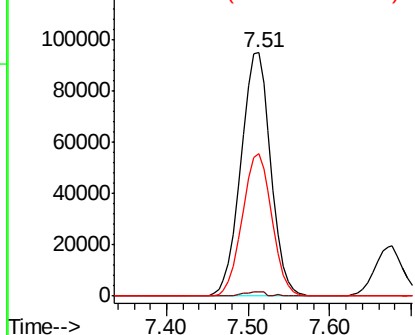


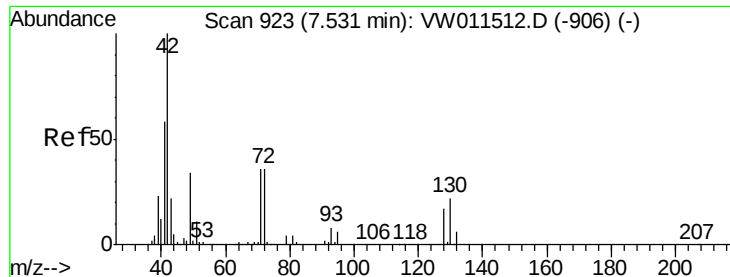
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

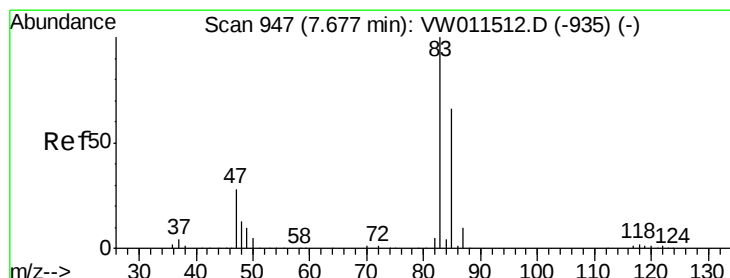
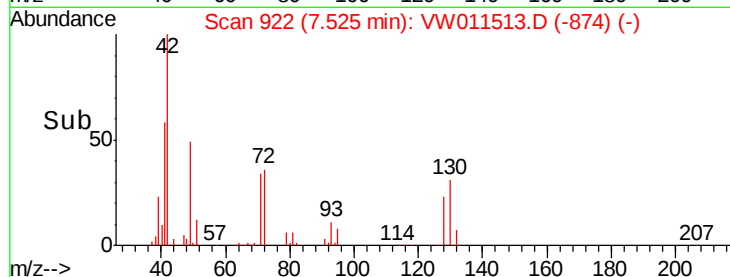
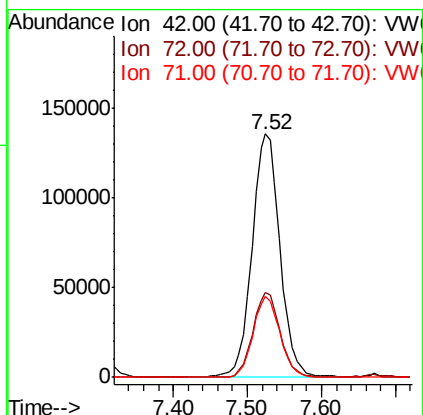
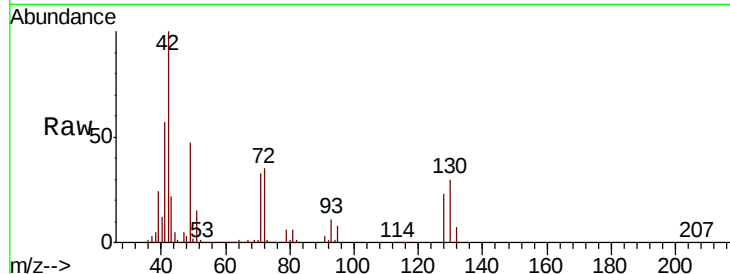




#29
Tetrahydrofuran
Concen: 522.675 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

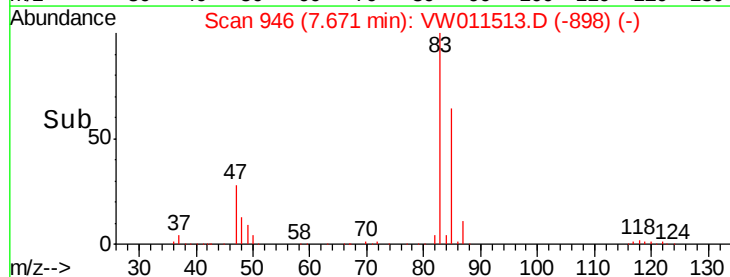
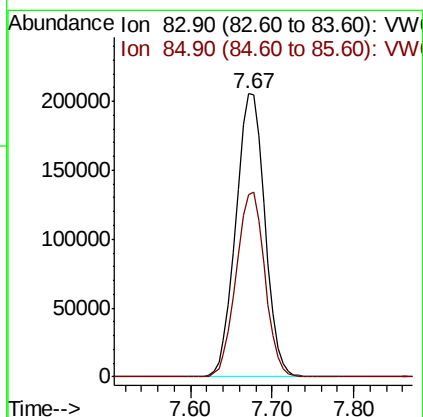
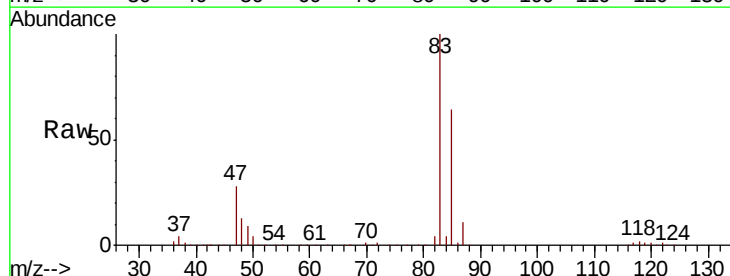
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

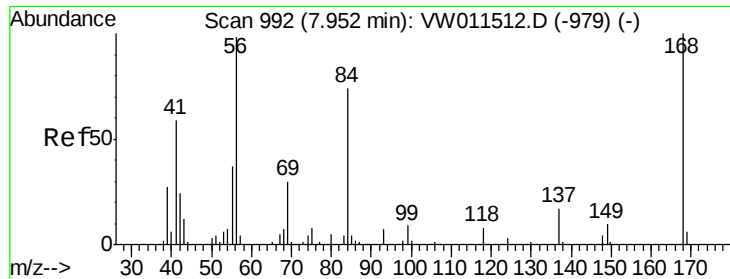
Tot Ion: 42 Resp: 355218
Ion Ratio Lower Upper
42 100
72 34.0 27.1 40.7
71 32.1 26.2 39.4



#30
Chloroform
Concen: 98.601 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 83 Resp: 506119
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7

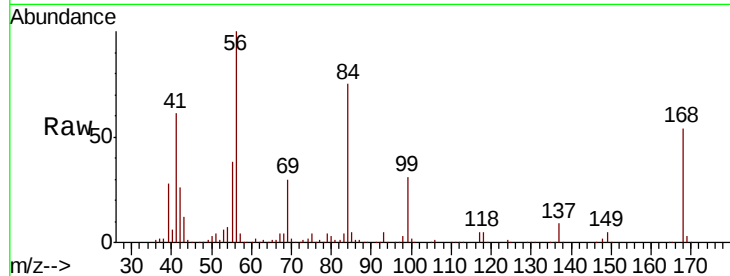




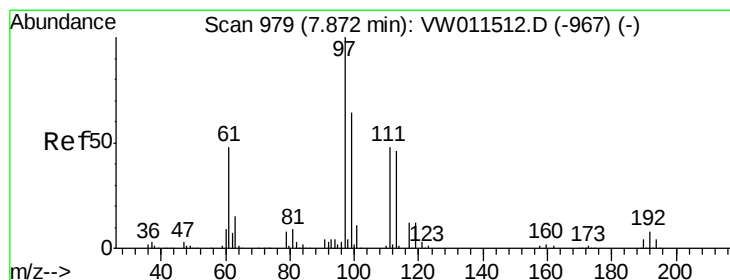
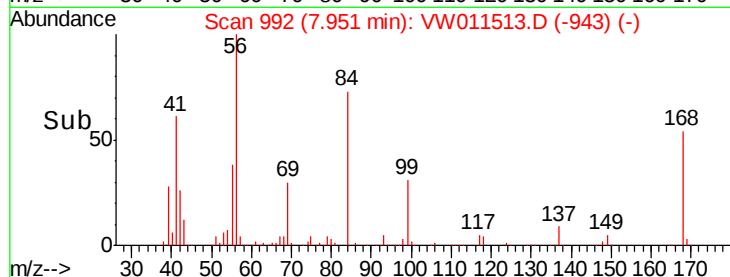
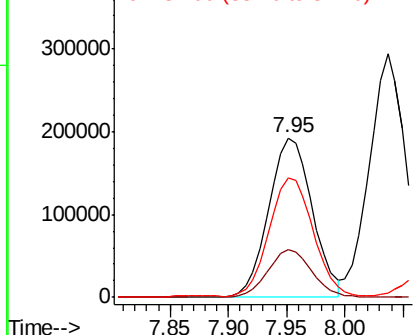
#31
Cyclohexane
Concen: 93.633 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.3	36.5
84	73.6	60.4	90.6

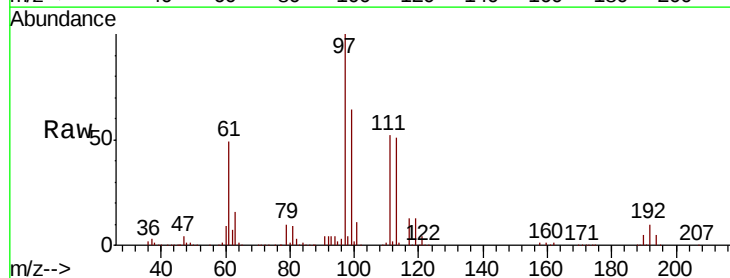


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

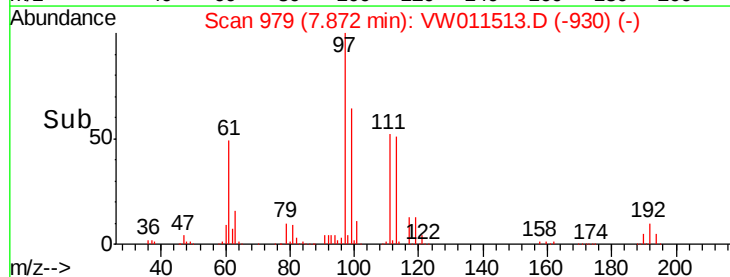
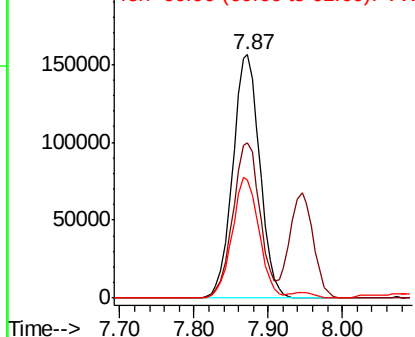


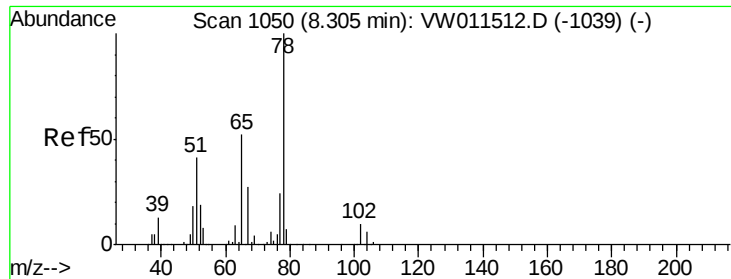
#32
1,1,1-Trichloroethane
Concen: 101.597 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	49.3	39.8	59.6



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





#33

1,2-Dichloroethane-d4

Concen: 101.306 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

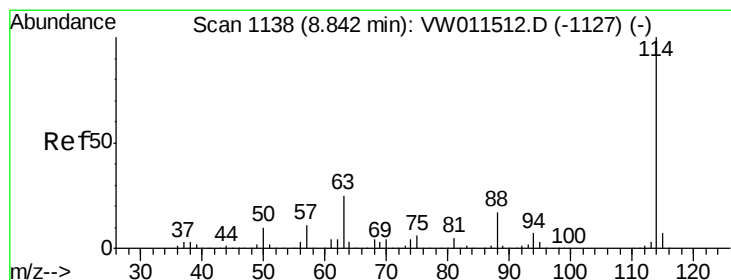
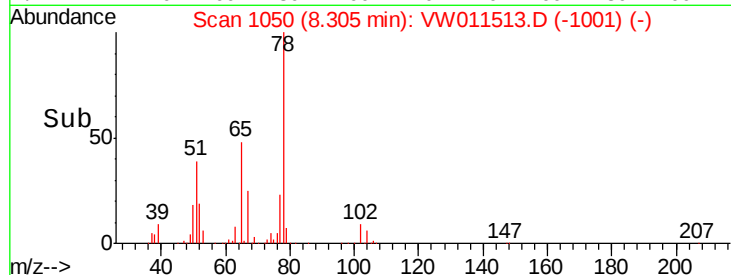
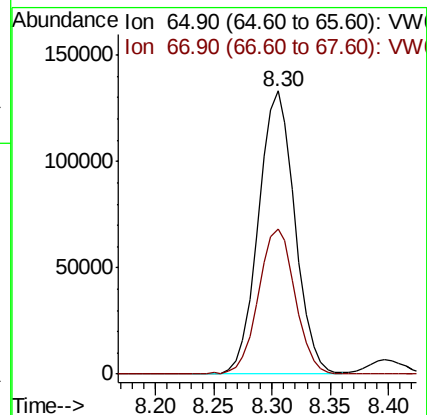
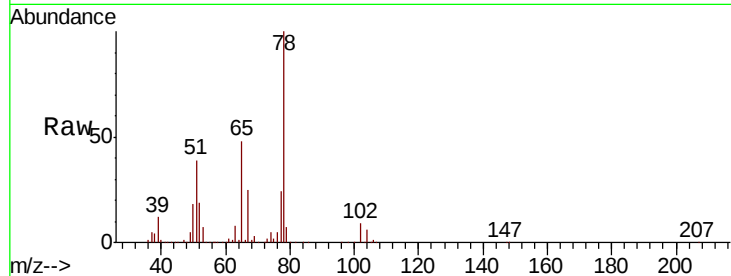
VSTDIC100

Tot Ion: 65 Resp: 289373

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

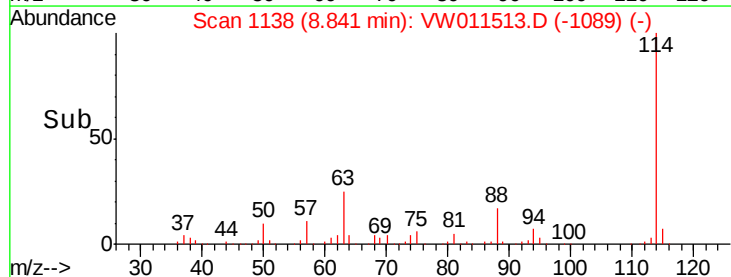
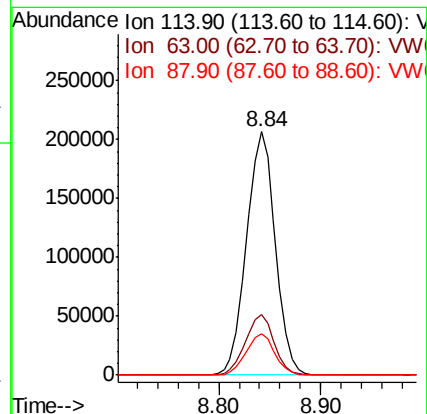
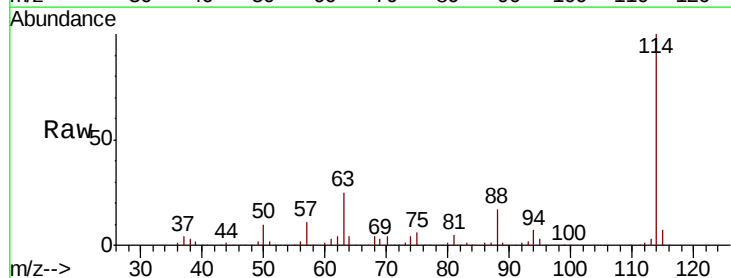
Tgt Ion: 114 Resp: 405099

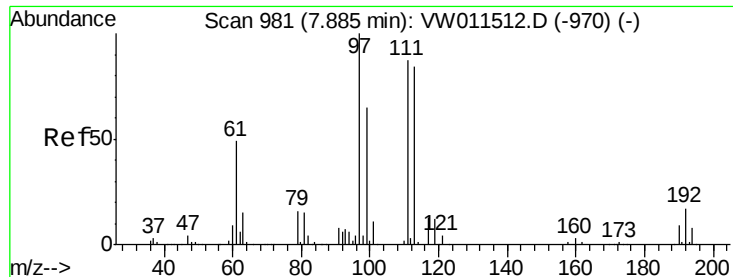
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

88 17.2 0.0 33.8

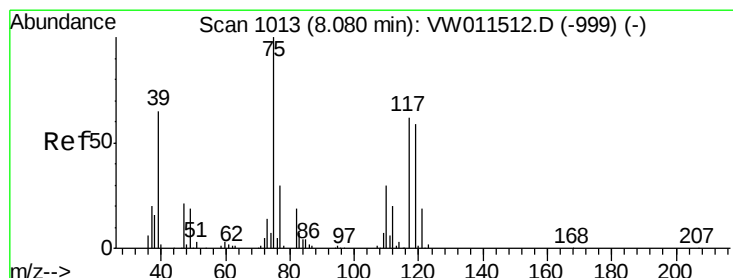
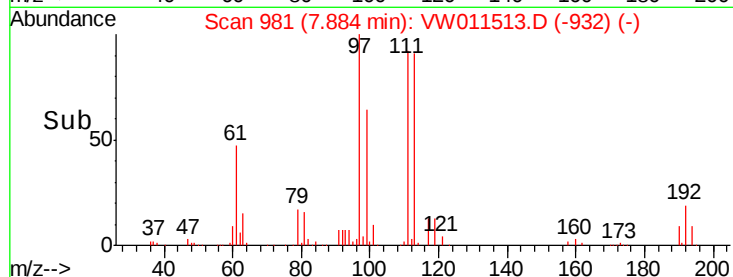
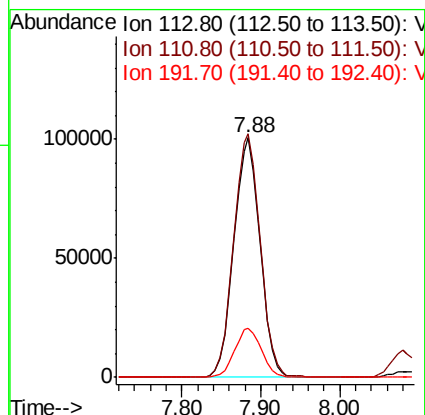
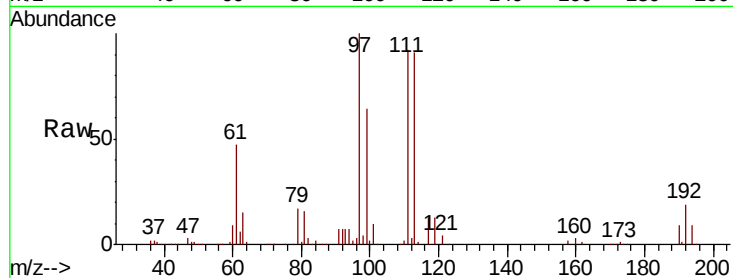




#35
 Dibromofluoromethane
 Concen: 102.353 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

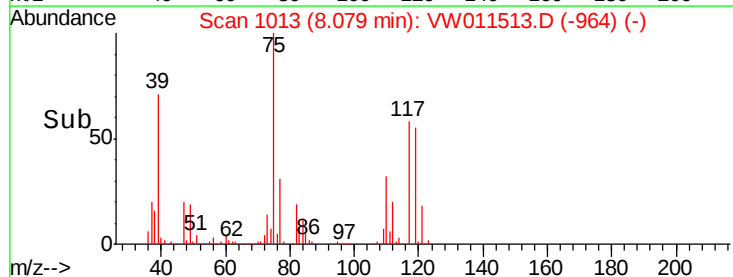
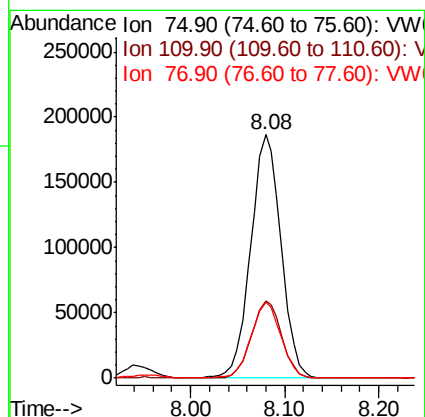
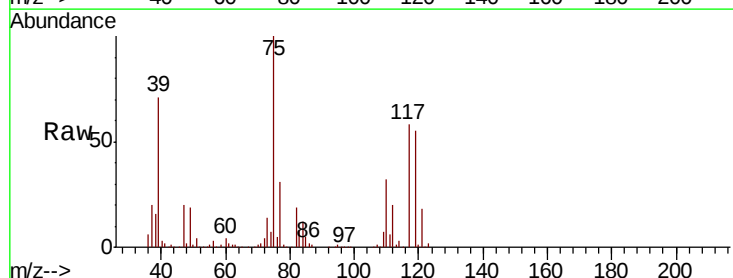
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

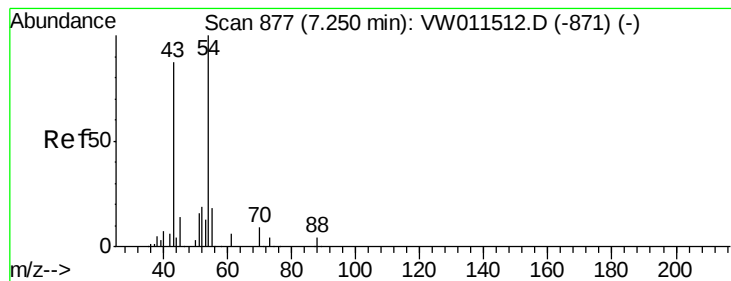
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.7	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 99.821 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.6	46.8
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 101.333 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

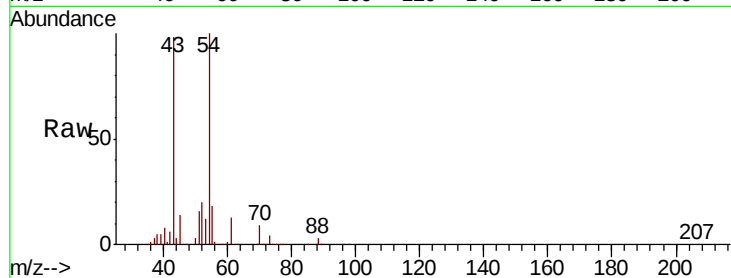
Tot Ion: 43 Resp: 245574

Ion Ratio Lower Upper

43 100

61 11.9 8.8 13.2

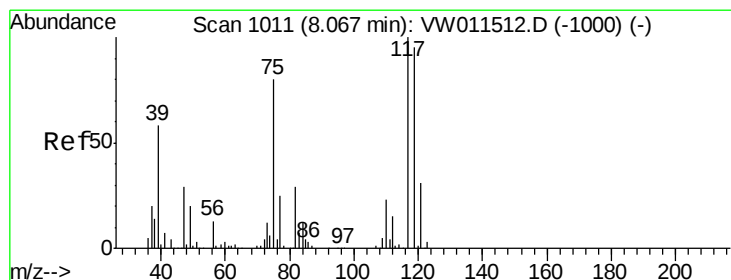
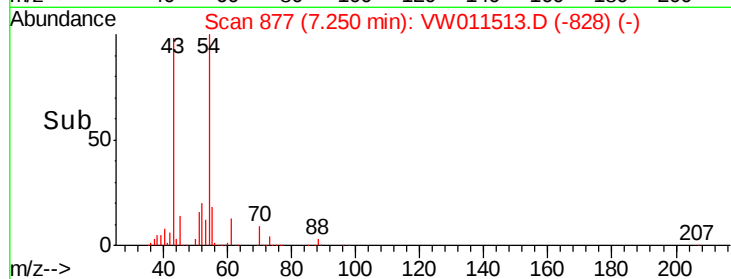
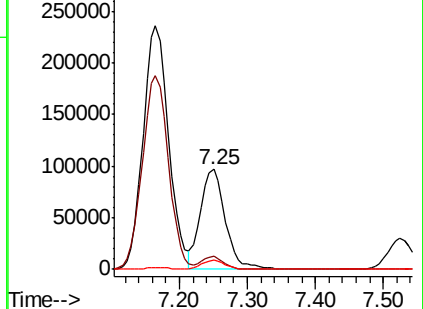
70 8.9 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 100.988 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

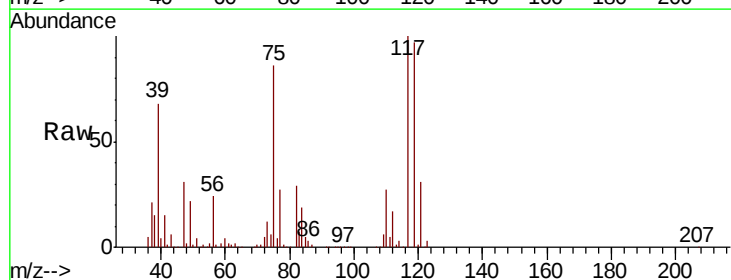
Tgt Ion: 117 Resp: 364164

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.6

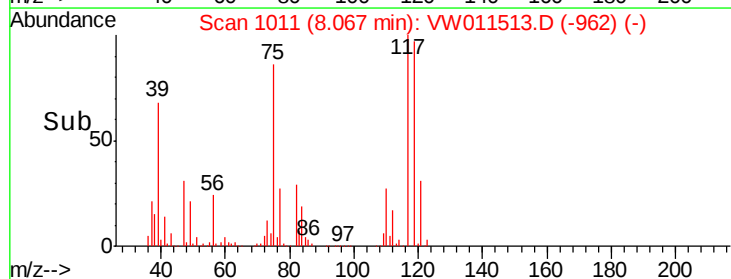
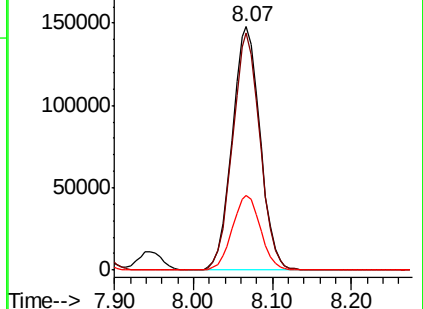
121 30.9 24.7 37.1

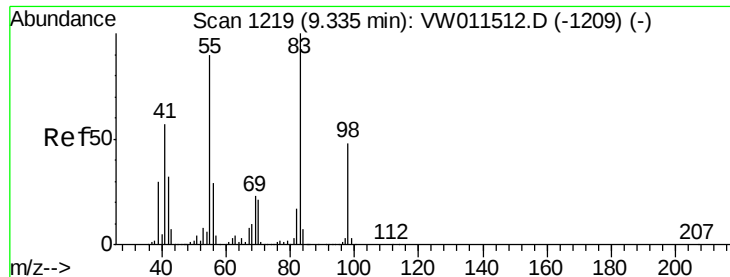


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

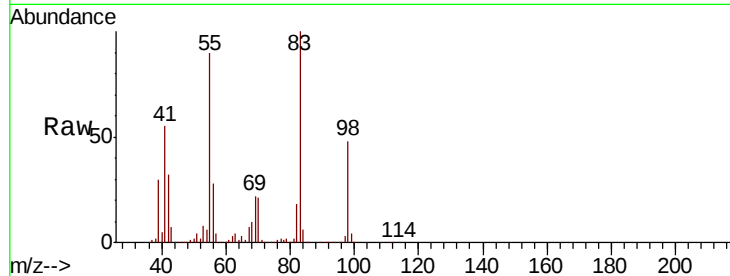




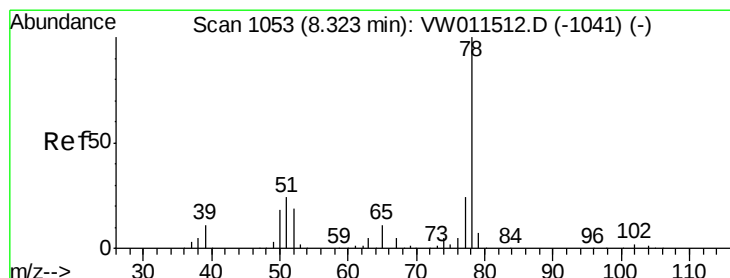
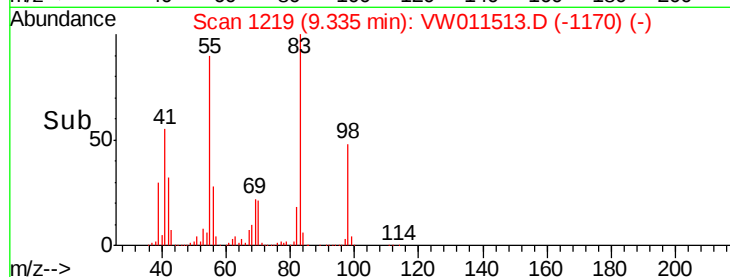
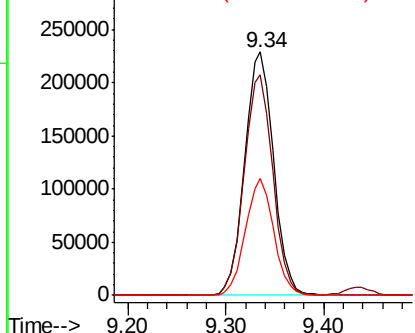
#39
Methvlcvclohexane
Concen: 101.221 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 469487
Ion Ratio Lower Upper
83 100
55 90.4 72.1 108.1
98 48.0 38.6 57.8

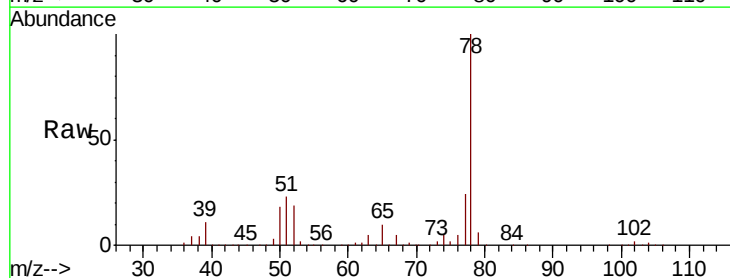


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

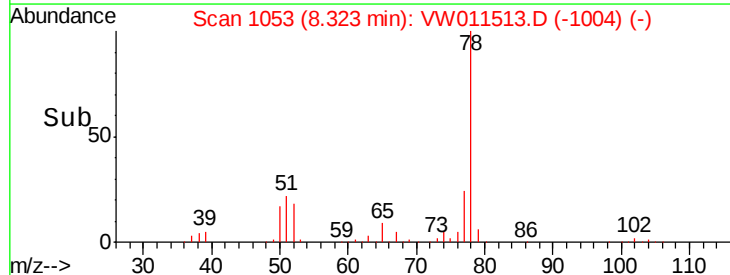
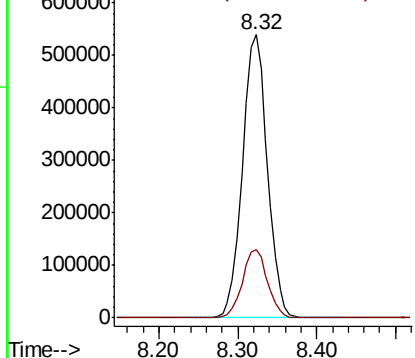


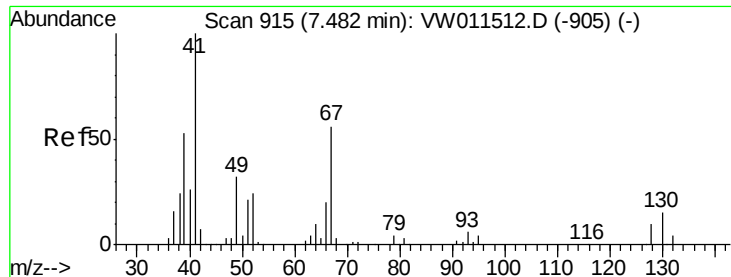
#40
Benzene
Concen: 100.217 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 78 Resp: 1182448
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



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





#41

Methacrylonitrile

Concen: 107.781 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 156139

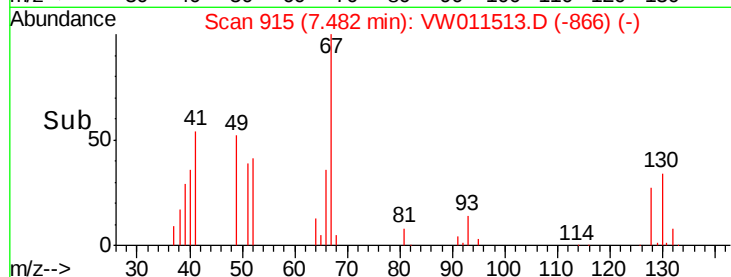
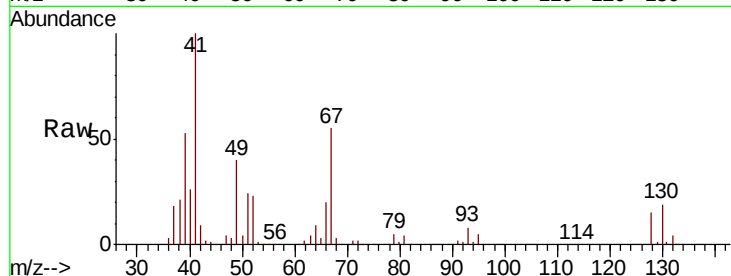
Ion Ratio Lower Upper

41 100

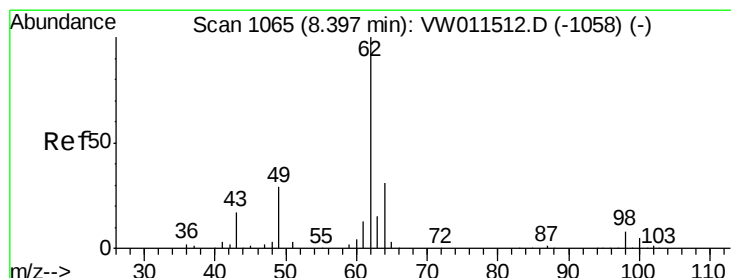
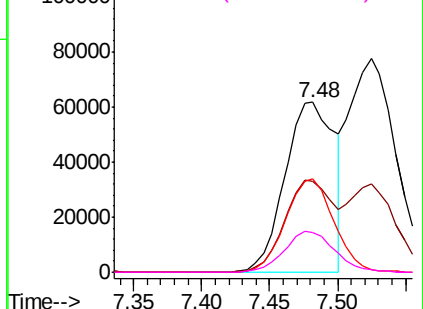
39 52.8 43.0 64.4

67 54.3 47.5 71.3

52 24.4 21.0 31.6



Abundance Ion 41.00 (40.70 to 41.70): VW
120000 Ion 39.00 (38.70 to 39.70): VW
100000 Ion 67.00 (66.70 to 67.70): VW
80000 Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 100.637 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011513.D

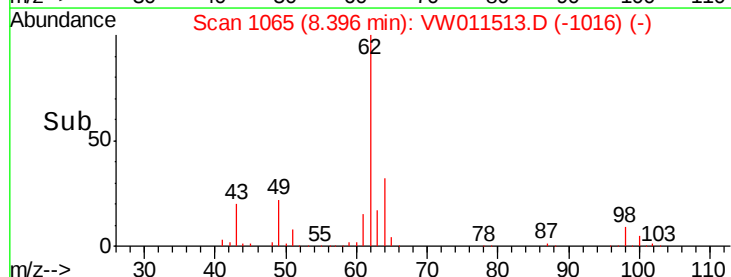
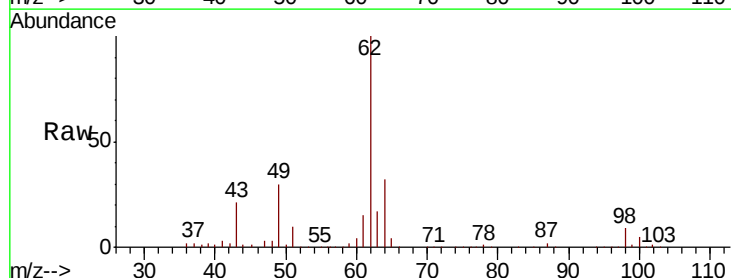
Acq: 26 Jul 2019 13:17

Tgt Ion: 62 Resp: 371761

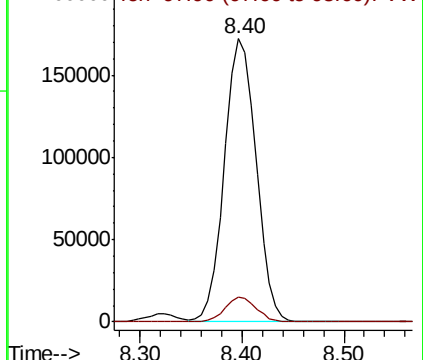
Ion Ratio Lower Upper

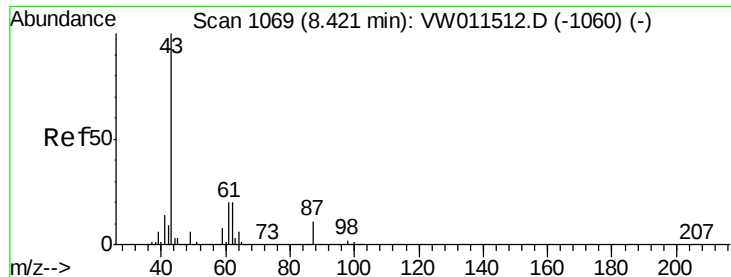
62 100

98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
200000 Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 105.451 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

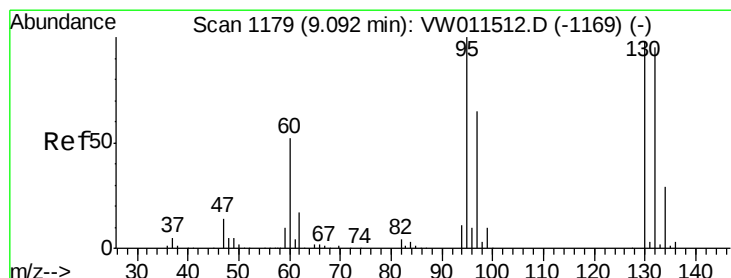
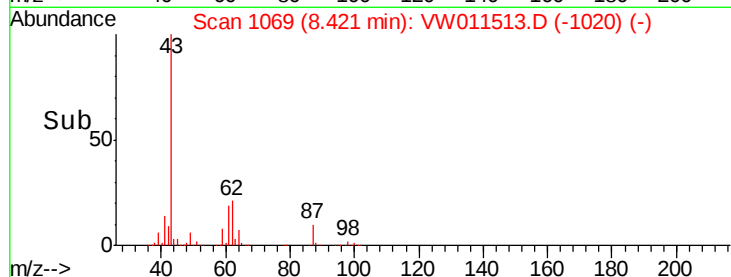
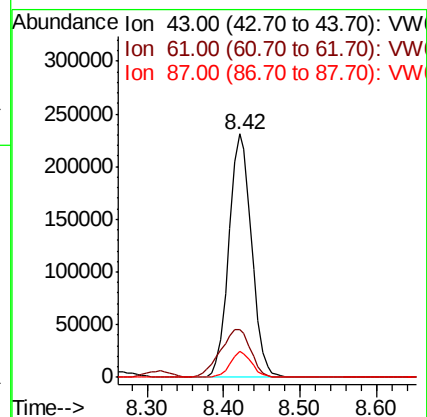
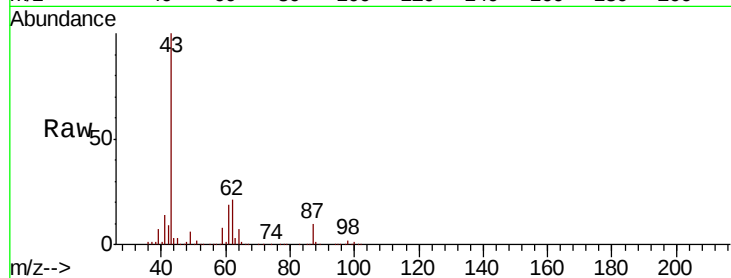
Tot Ion: 43 Resp: 469984

Ion Ratio Lower Upper

43 100

61 26.6 21.5 32.3

87 10.3 8.4 12.6



#44

Trichloroethene

Concen: 101.639 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011513.D

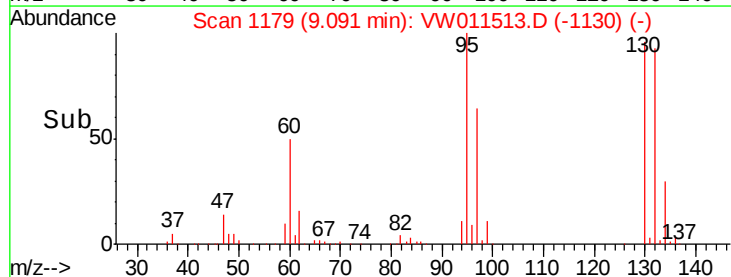
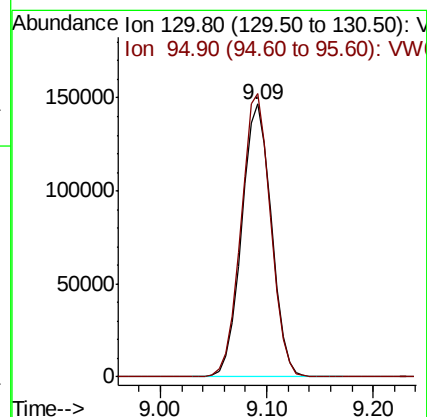
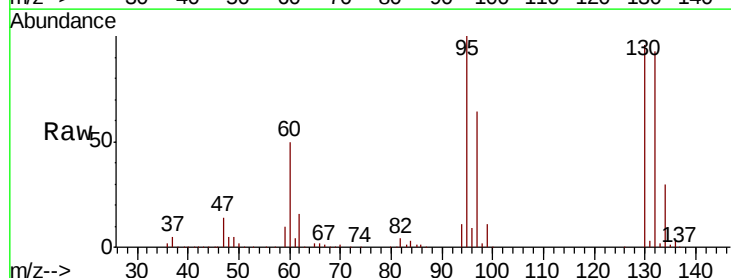
Acq: 26 Jul 2019 13:17

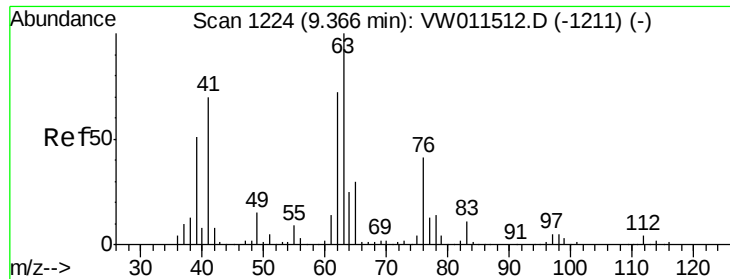
Tgt Ion: 130 Resp: 288230

Ion Ratio Lower Upper

130 100

95 103.8 0.0 204.8

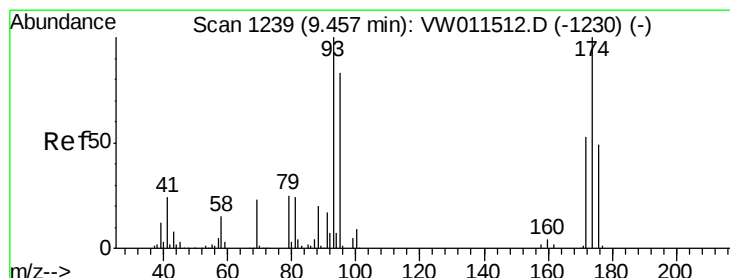
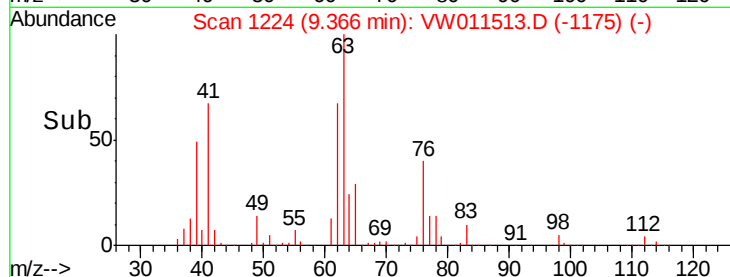
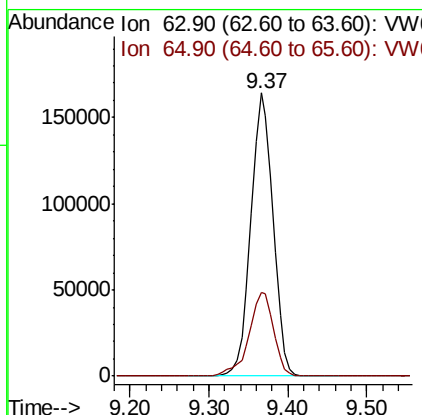
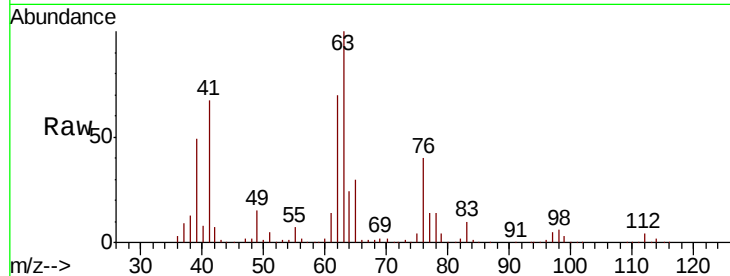




#45
 1,2-Dichloropropane
 Concen: 101.858 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

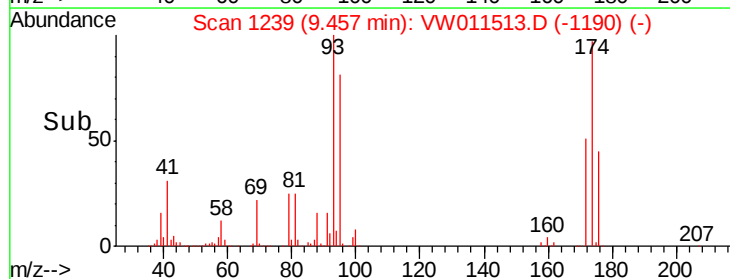
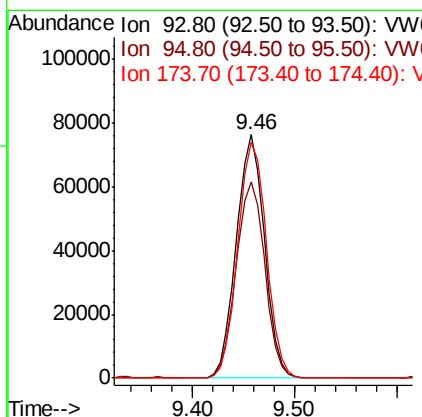
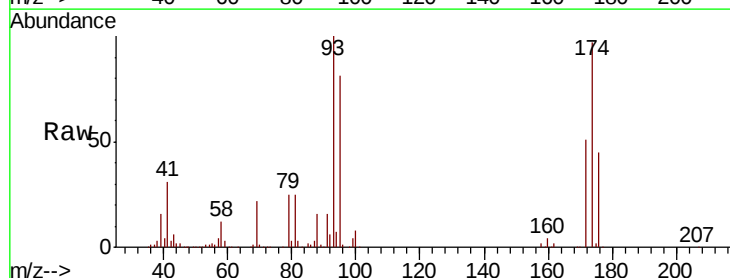
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

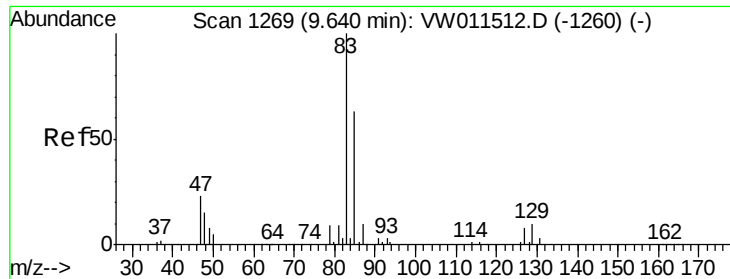
Tot Ion: 63 Resp: 321563
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.2 36.4



#46
 Dibromomethane
 Concen: 101.378 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 93 Resp: 146076
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.2
 174 98.8 78.2 117.4





#47

Bromodichloromethane

Concen: 104.394 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

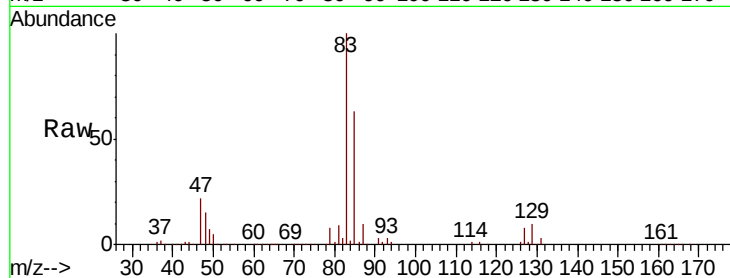
Tot Ion: 83 Resp: 394575

Ion Ratio Lower Upper

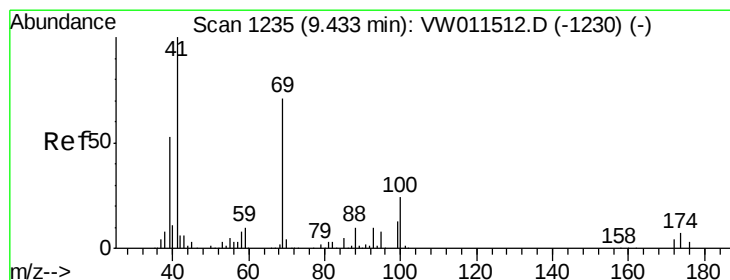
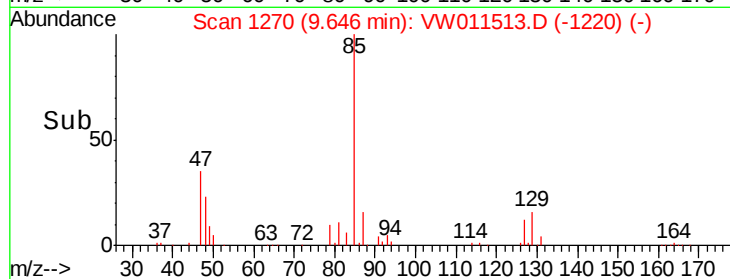
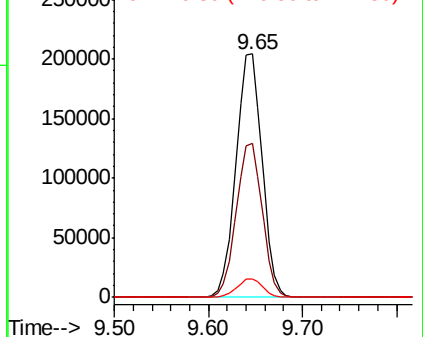
83 100

85 63.2 50.5 75.7

127 7.6 6.4 9.6



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: 108.387 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

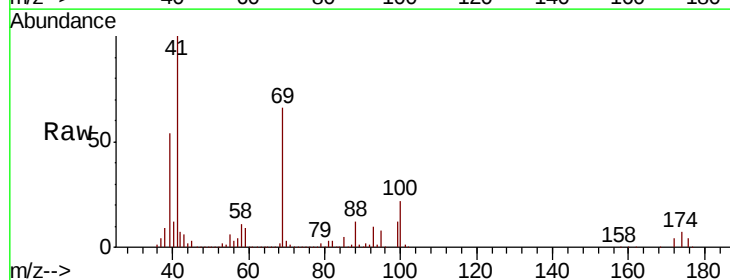
Tgt Ion: 41 Resp: 232049

Ion Ratio Lower Upper

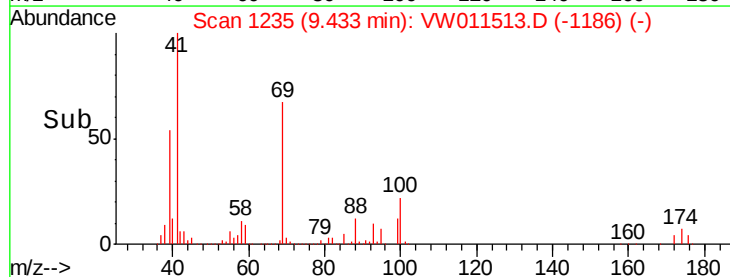
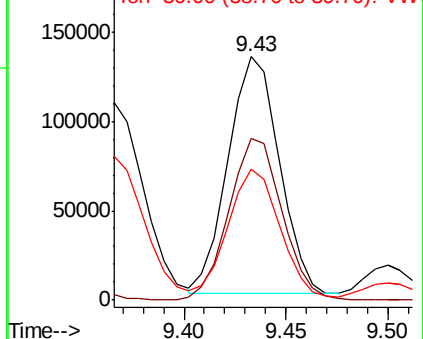
41 100

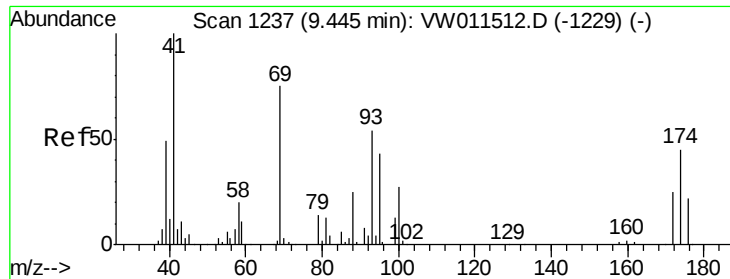
69 70.6 57.1 85.7

39 56.8 45.4 68.2



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: 2108.573 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

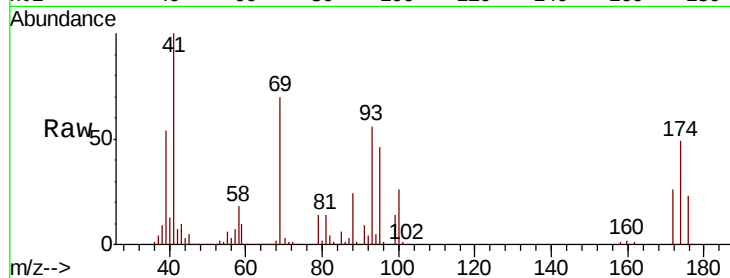
Tot Ion: 88 Resp: 43992

Ion Ratio Lower Upper

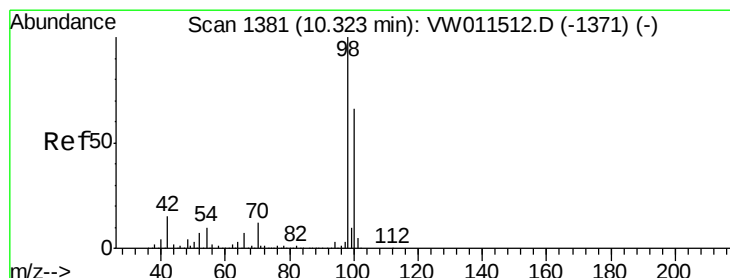
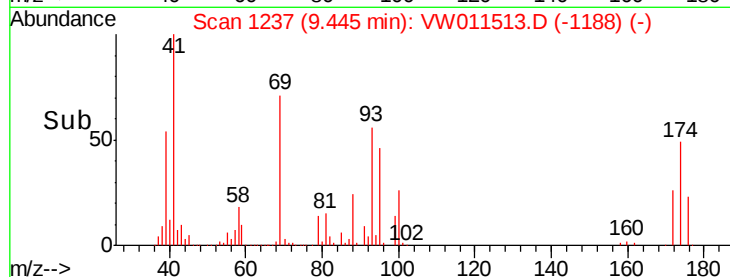
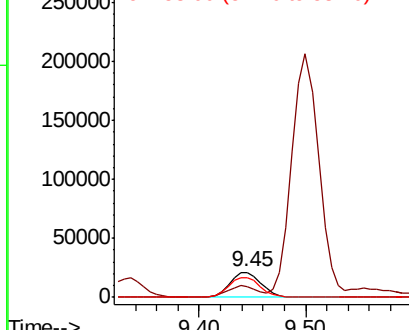
88 100

43 43.9 34.0 51.0

58 81.3 69.7 104.5



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



#50

Toluene-d8

Concen: 103.334 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011513.D

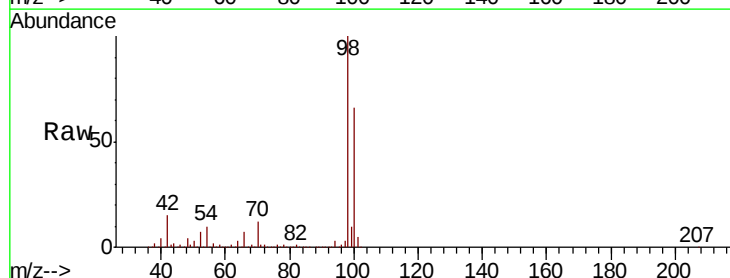
Acq: 26 Jul 2019 13:17

Tgt Ion: 98 Resp: 961524

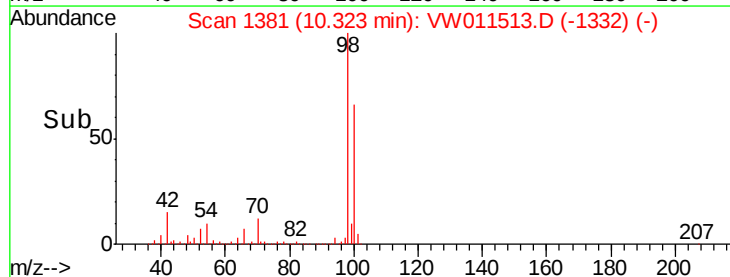
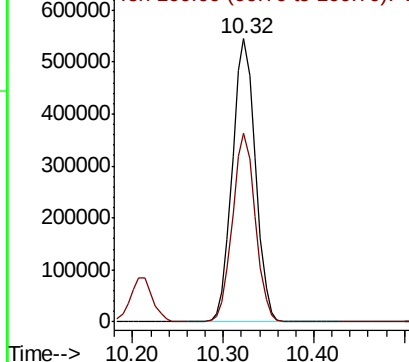
Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 527.974 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

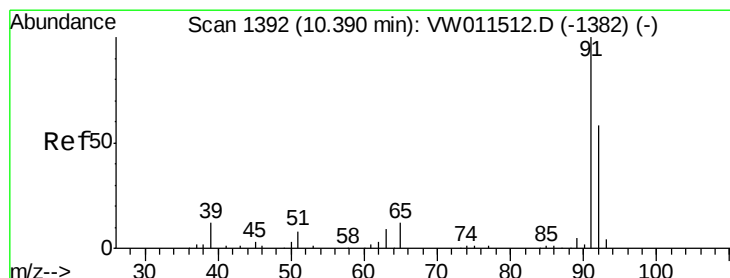
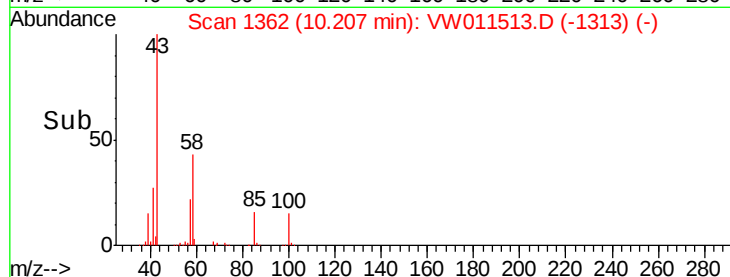
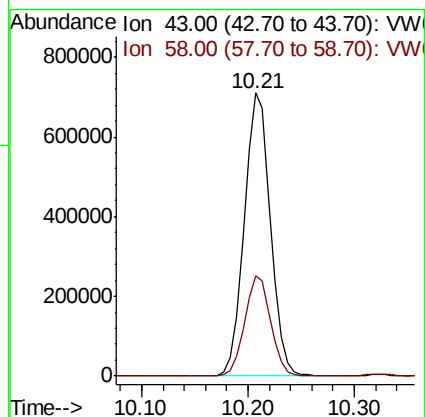
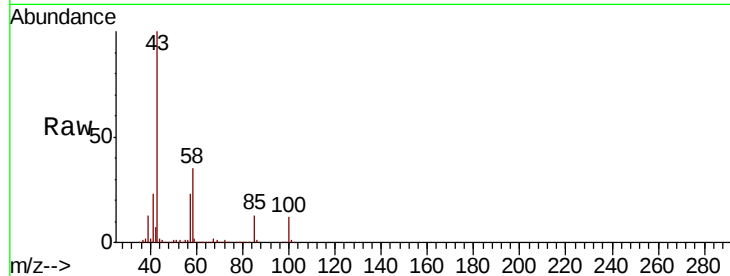
VSTDIC100

Tot Ion: 43 Resp: 1223976

Ion Ratio Lower Upper

43 100

58 35.1 28.2 42.2



#52

Toluene

Concen: 102.022 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011513.D

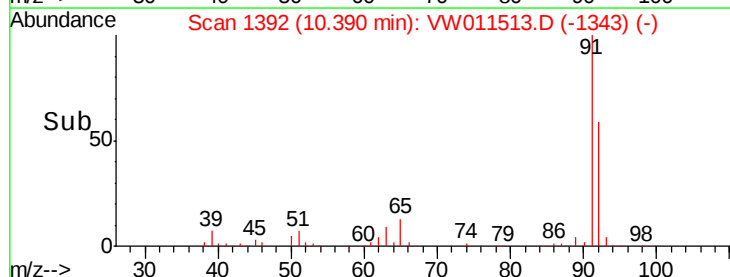
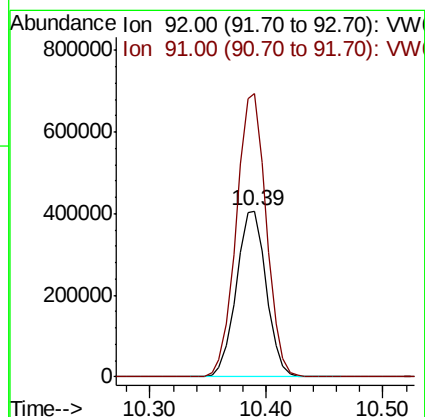
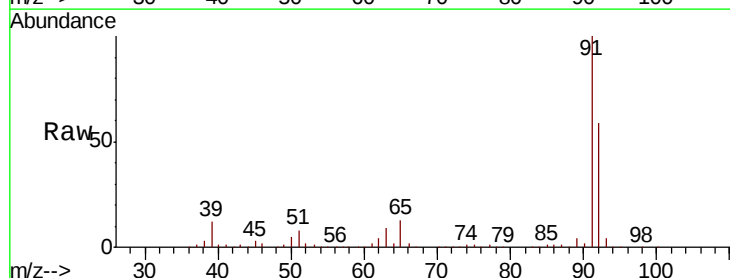
Acq: 26 Jul 2019 13:17

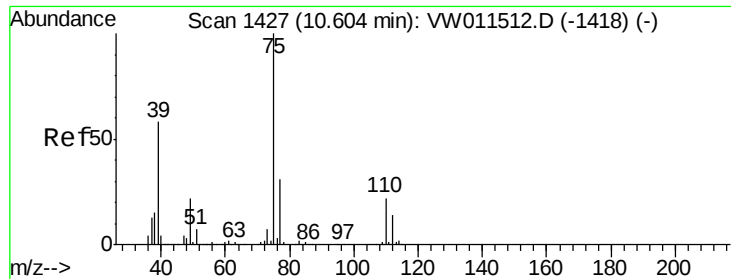
Tgt Ion: 92 Resp: 726936

Ion Ratio Lower Upper

92 100

91 171.2 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 107.940 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

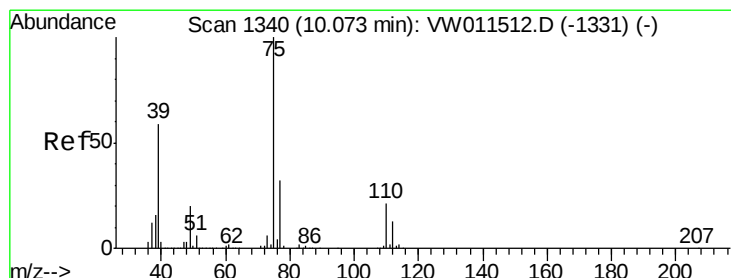
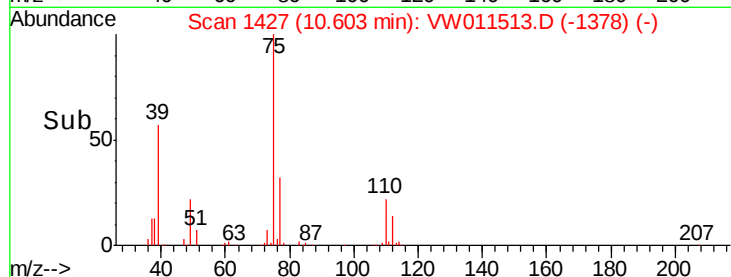
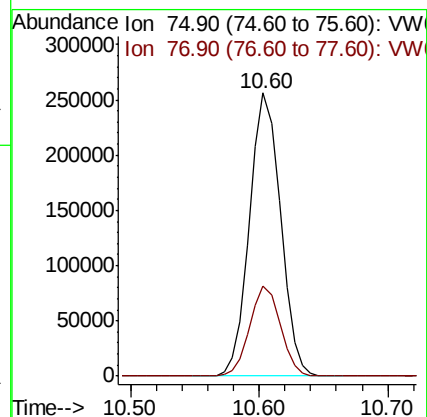
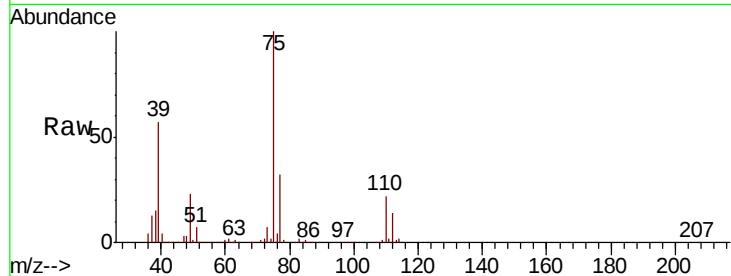
VSTDIC100

Tot Ion: 75 Resp: 426180

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 106.487 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

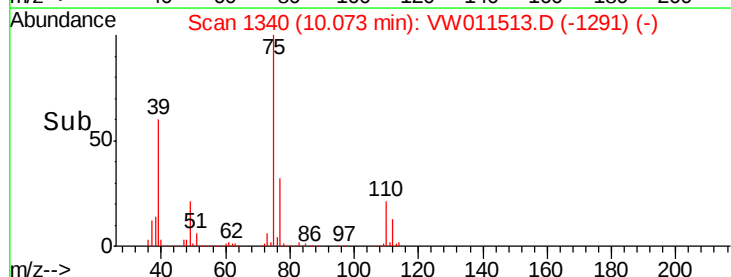
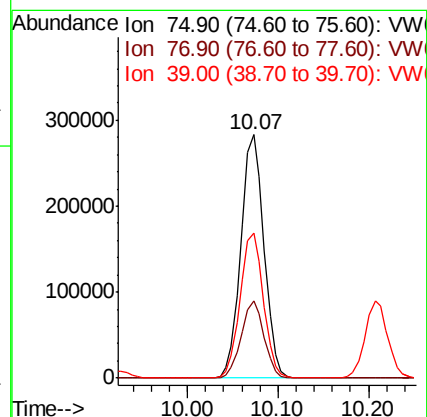
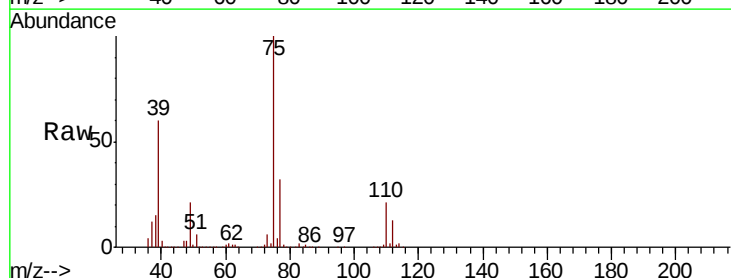
Tgt Ion: 75 Resp: 499903

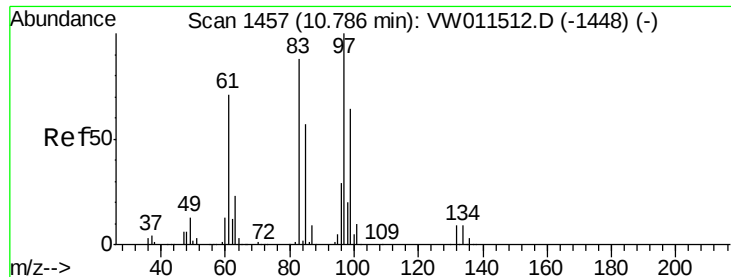
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 59.7 47.0 70.4

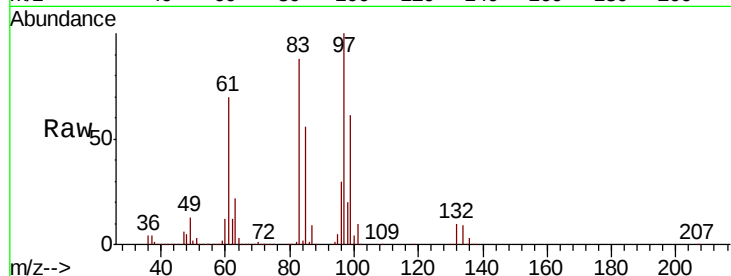




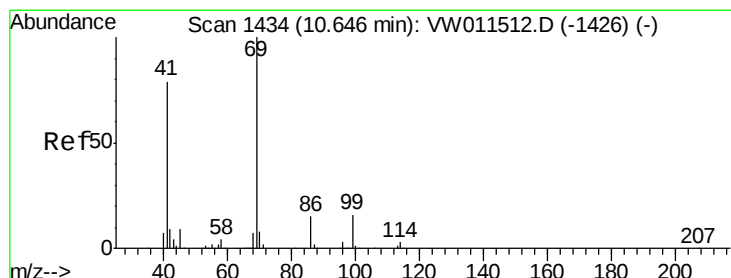
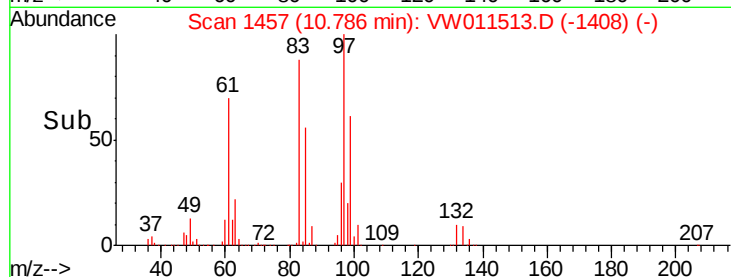
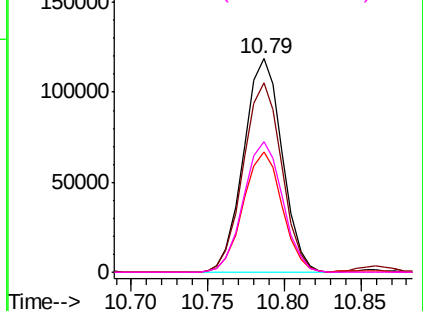
#55
 1,1,2-Trichloroethane
 Concen: 102.157 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	208854
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.5	105.7
85	56.3	45.8	68.6
99	61.3	51.0	76.4

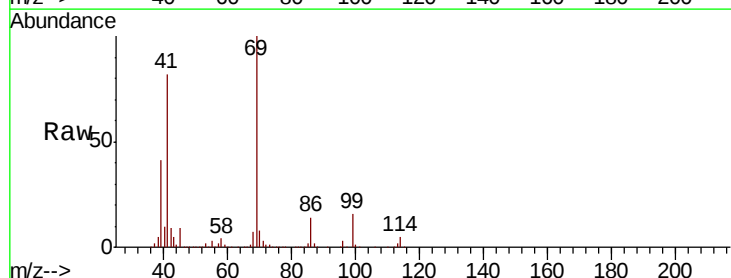


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

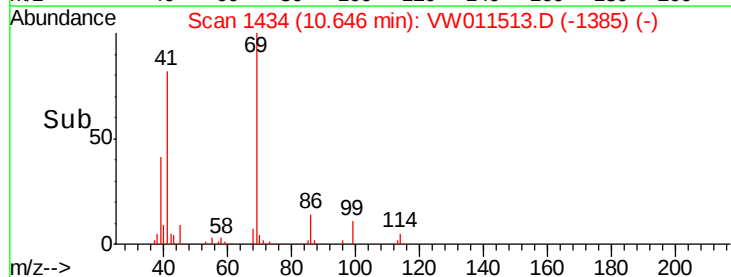
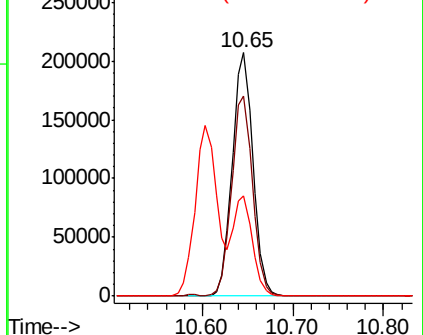


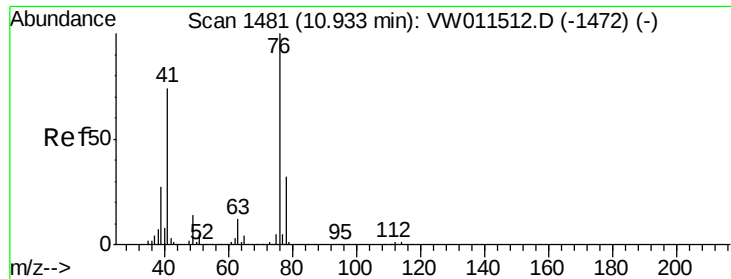
#56
 Ethyl methacrylate
 Concen: 109.836 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion:	69	Resp:	328590
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.6	99.8
39	37.7	30.3	45.5



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

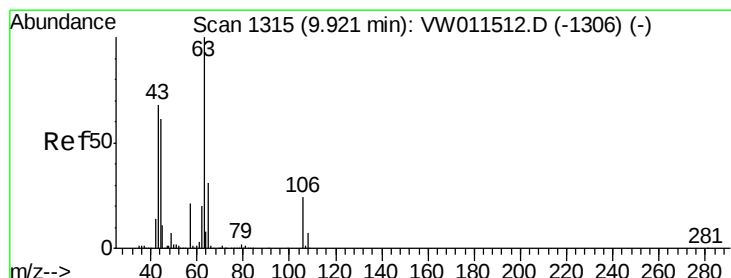
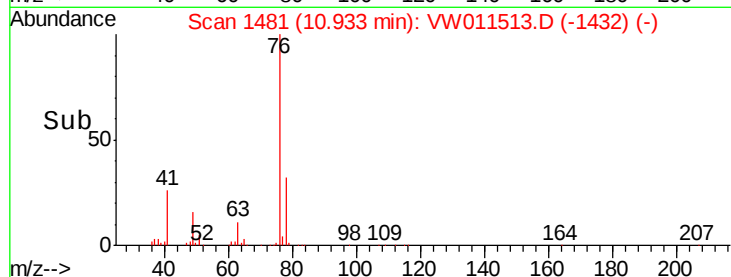
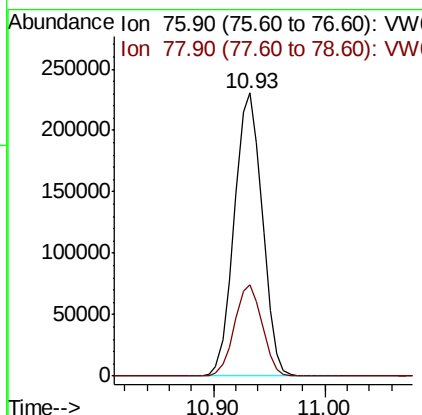
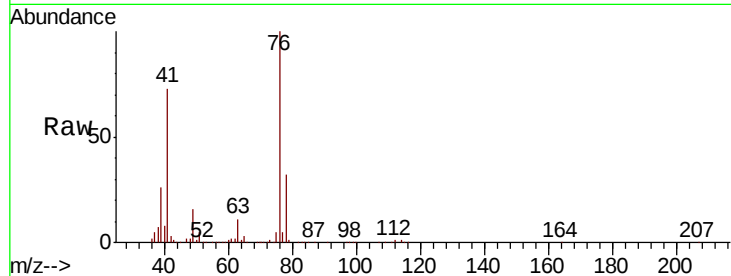




#57
 1,3-Dichloropropane
 Concen: 103.614 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

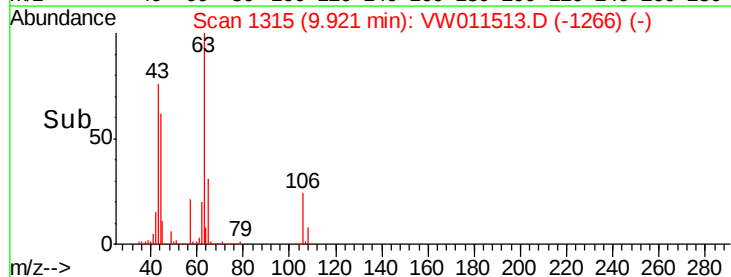
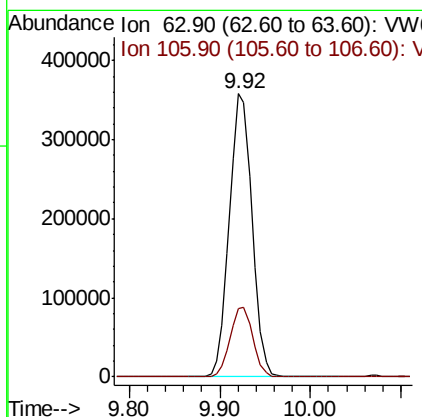
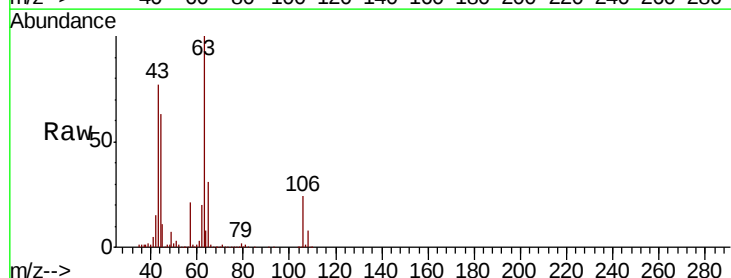
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

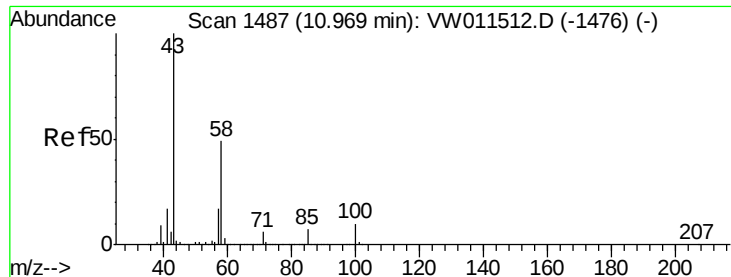
Tot Ion: 76 Resp: 400764
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 458.526 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 63 Resp: 622830
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

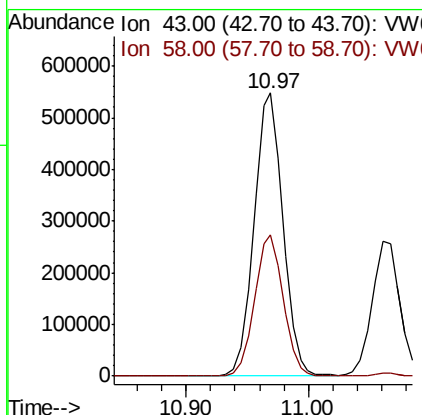
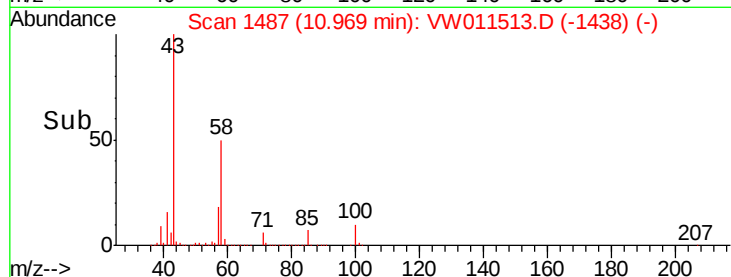
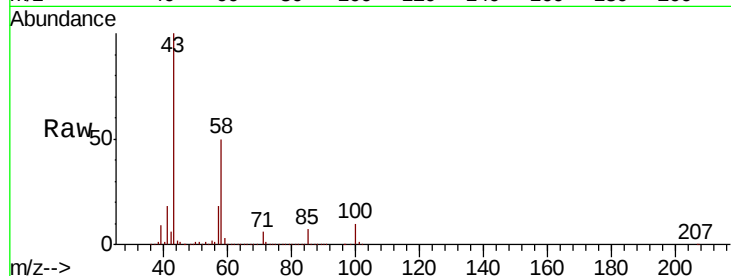




#59
2-Hexanone
Concen: 550.650 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

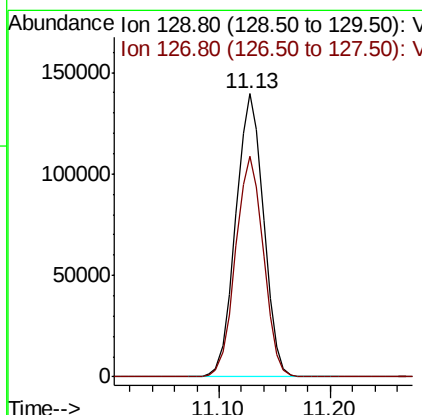
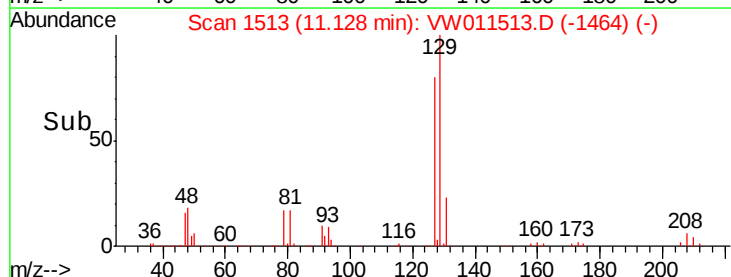
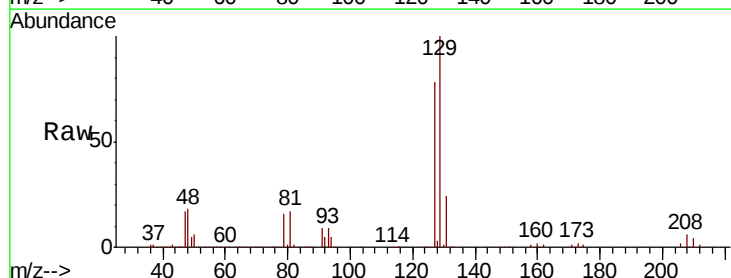
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

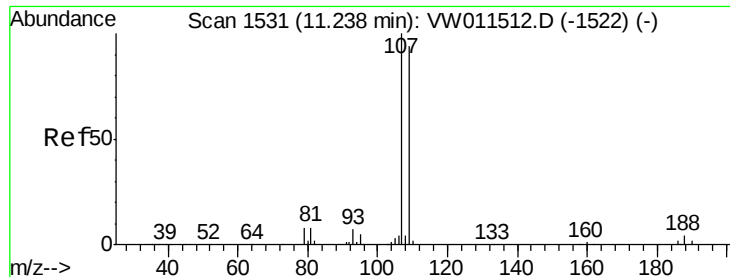
Tot Ion: 43 Resp: 901324
Ion Ratio Lower Upper
43 100
58 49.4 24.3 72.9



#60
Dibromochloromethane
Concen: 106.286 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 129 Resp: 241201
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 102.905 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

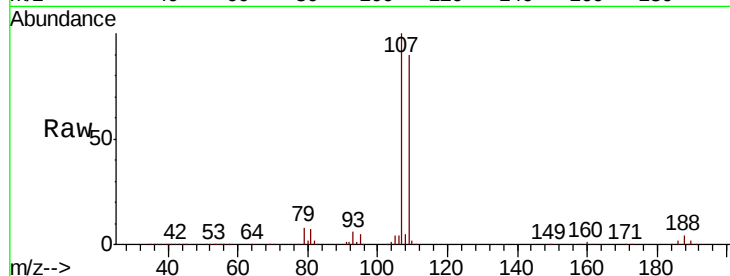
VSTDIC100

Tot Ion:107 Resp: 199092

Ion Ratio Lower Upper

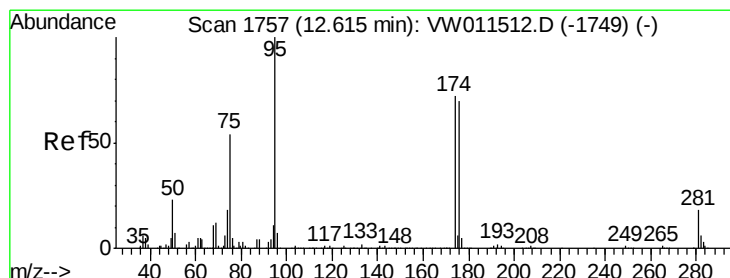
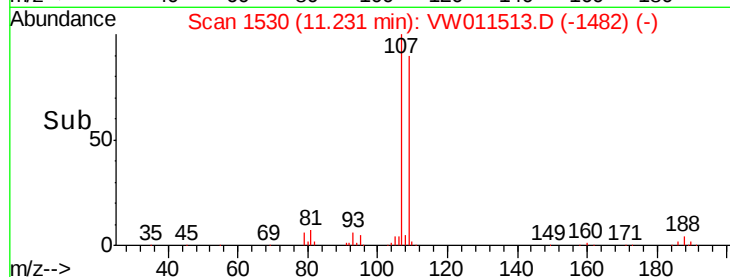
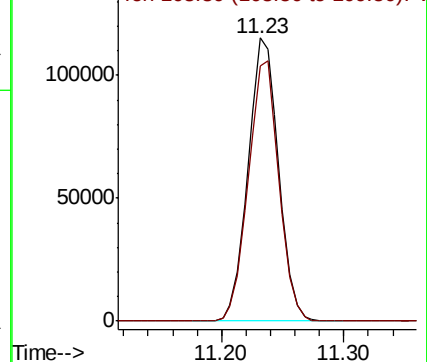
107 100

109 92.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 103.038 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

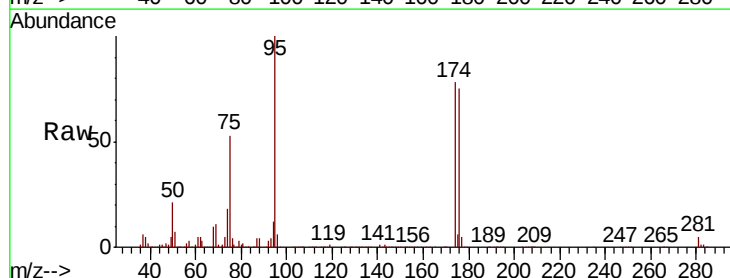
Tgt Ion: 95 Resp: 341822

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

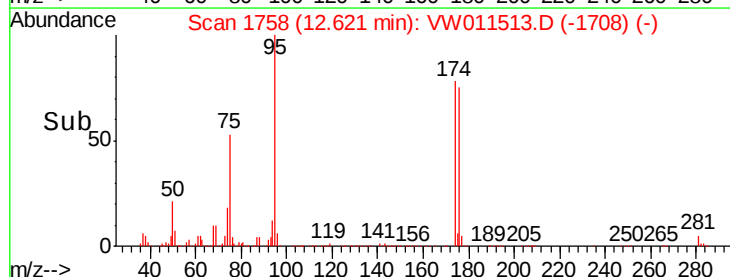
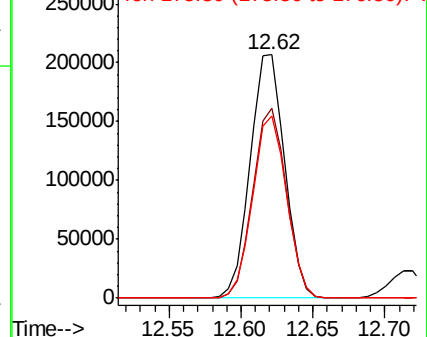
176 73.6 0.0 144.4

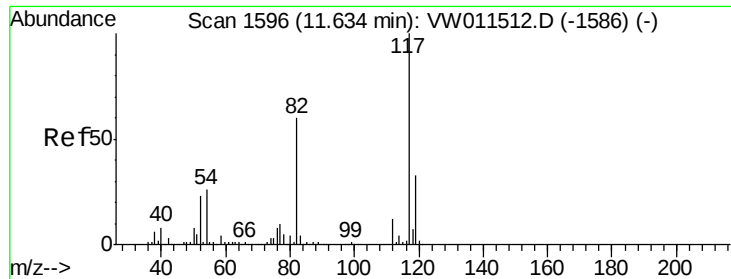


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

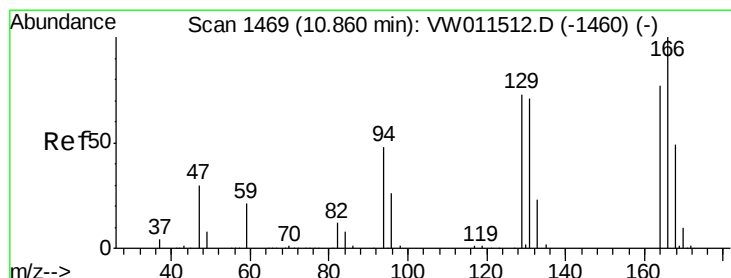
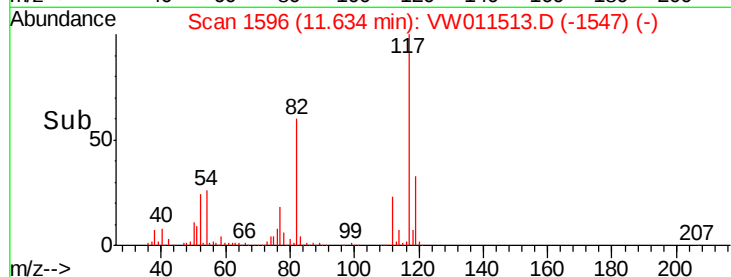
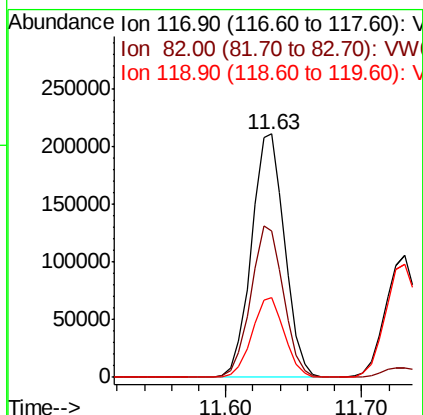
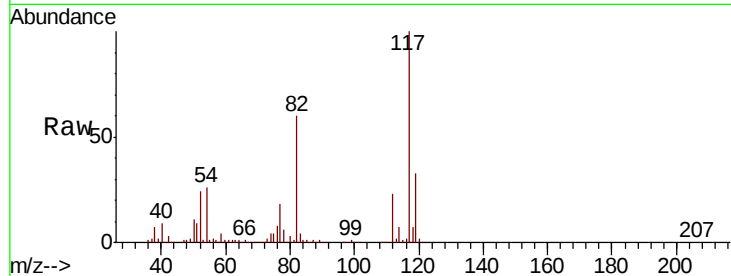




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

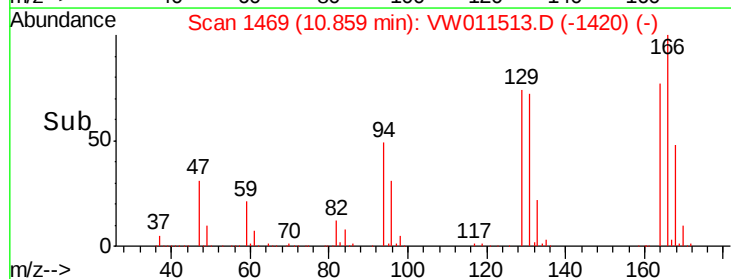
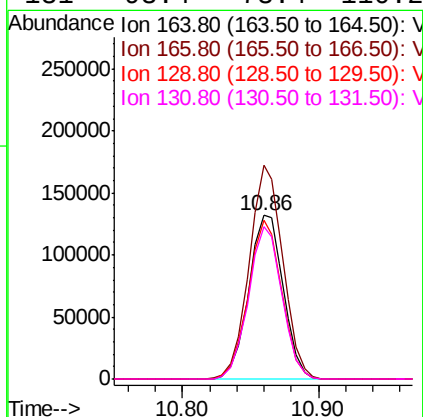
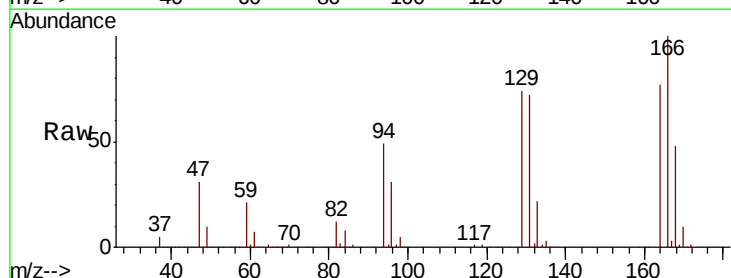
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

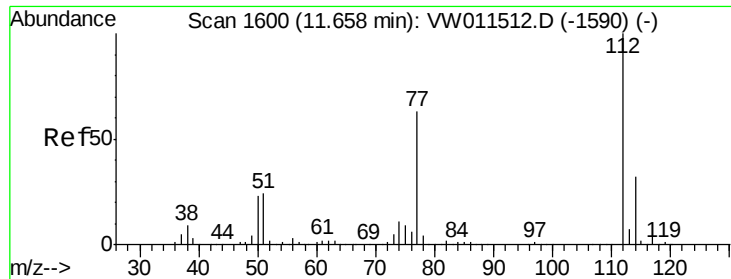
Tot Ion:117 Resp: 360419
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 32.9 26.2 39.2



#64
Tetrachloroethene
Concen: 100.014 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:164 Resp: 234704
Ion Ratio Lower Upper
164 100
166 130.5 103.5 155.3
129 97.0 75.2 112.8
131 93.4 73.4 110.2

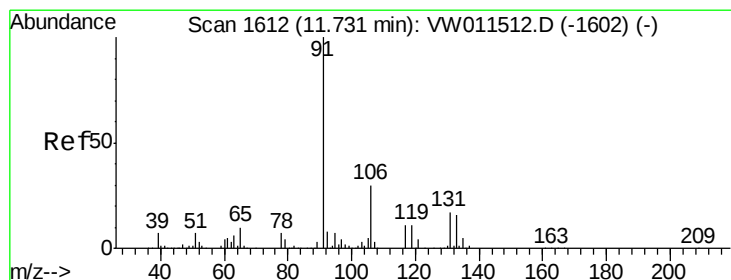
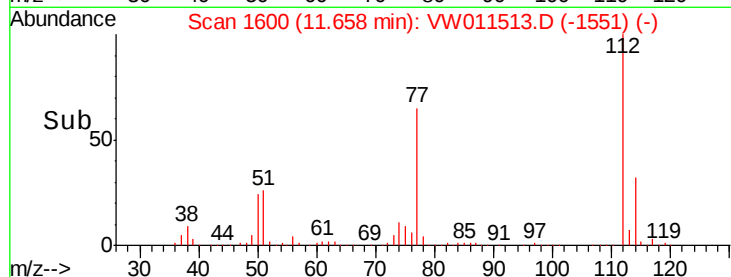
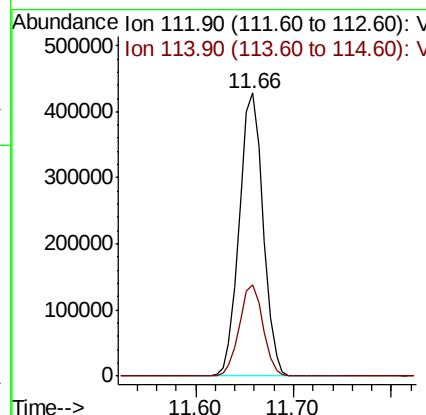
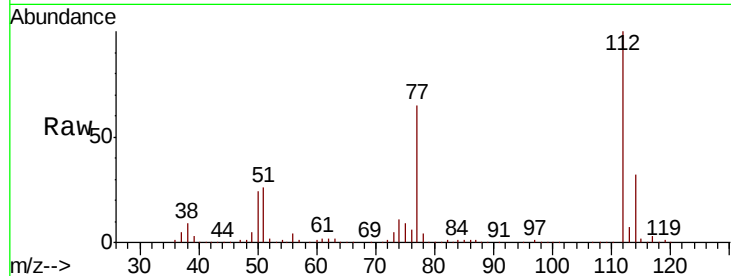




#65
Chlorobenzene
Concen: 99.920 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

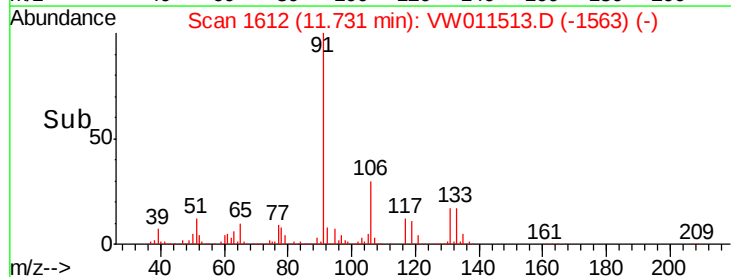
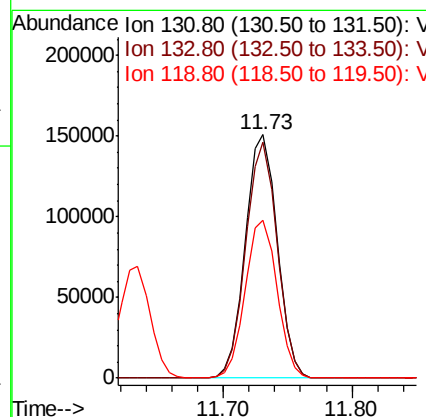
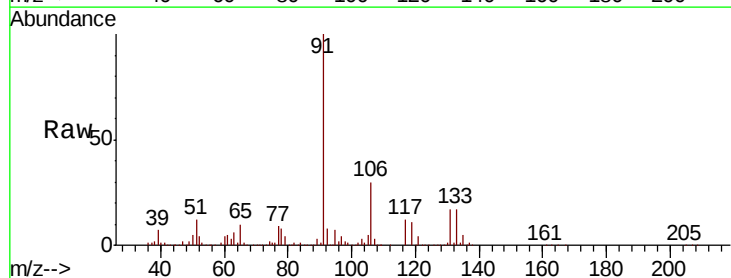
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

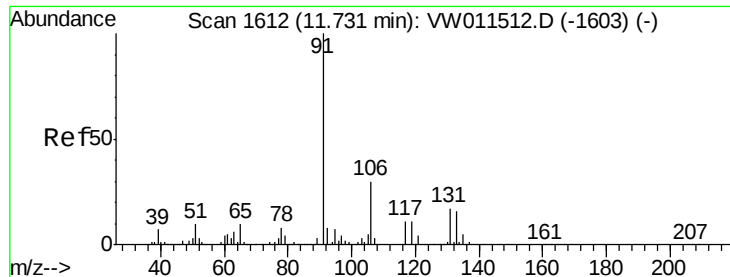
Tot Ion:112 Resp: 724028
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 102.229 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:131 Resp: 258024
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 64.9 32.3 96.9

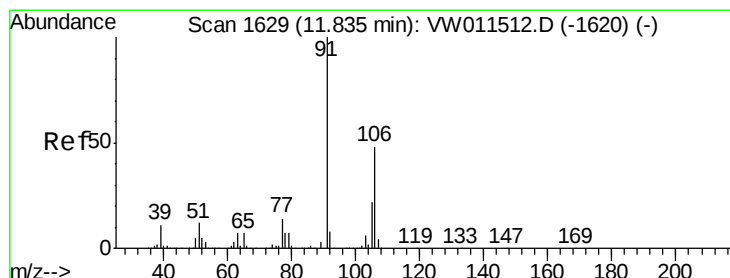
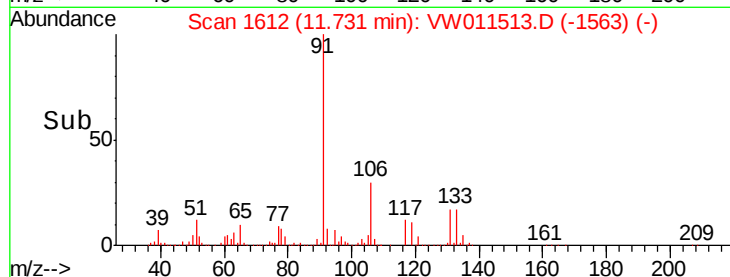
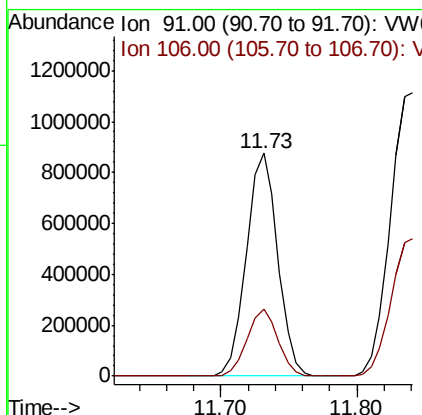
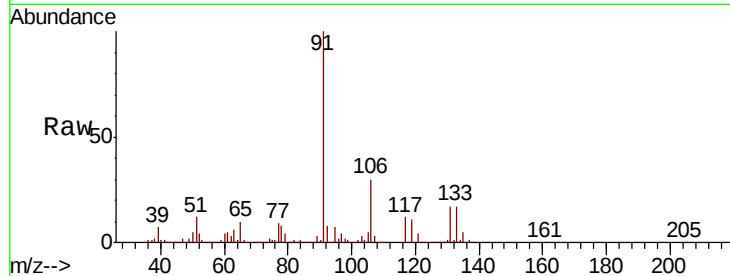




#67
Ethyl Benzene
Concen: 102.238 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

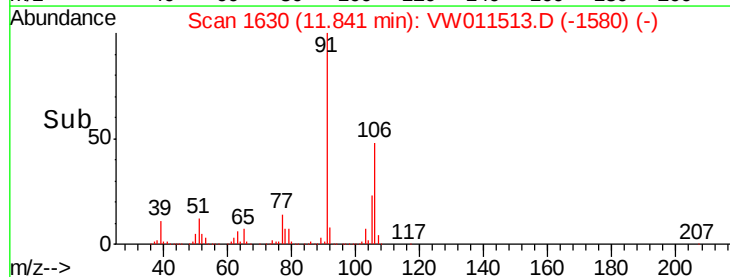
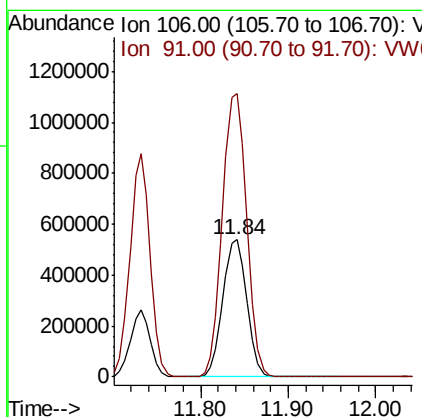
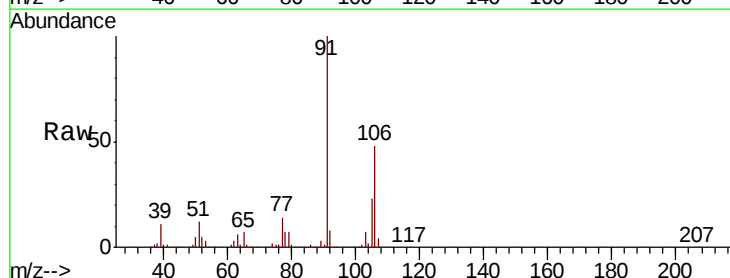
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

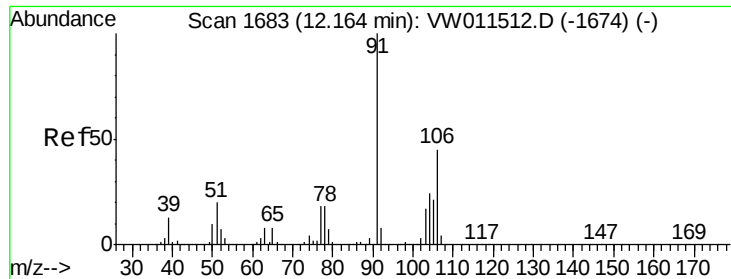
Tot Ion: 91 Resp: 1410935
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 203.684 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 106 Resp: 1022256
Ion Ratio Lower Upper
106 100
91 209.7 168.2 252.2

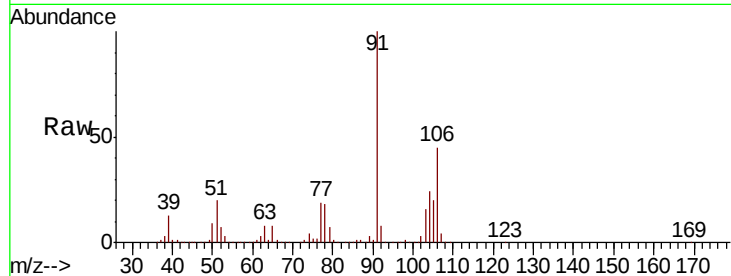




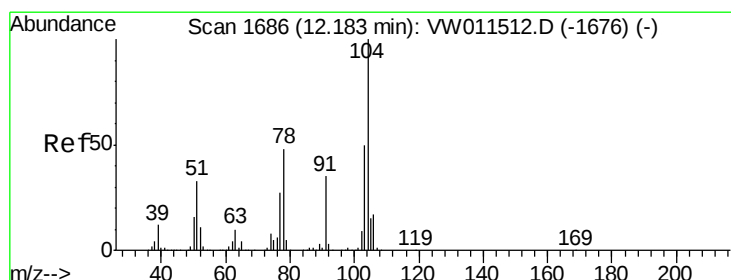
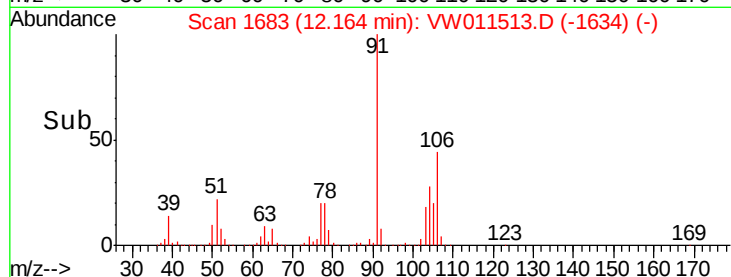
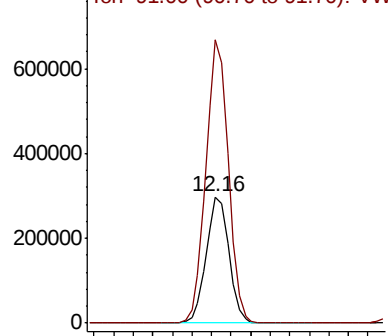
#69
o-Xylene
Concen: 103.067 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 480685
Ion Ratio Lower Upper
106 100
91 221.6 110.5 331.5

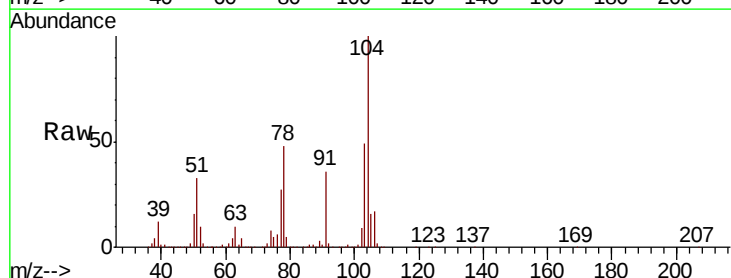


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

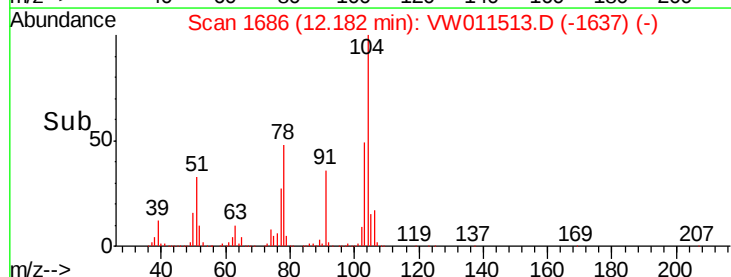
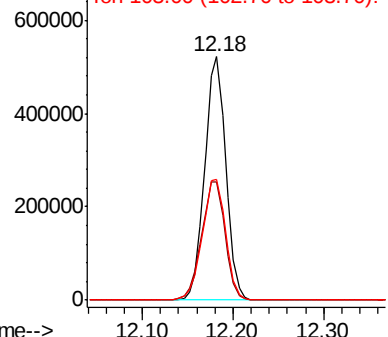


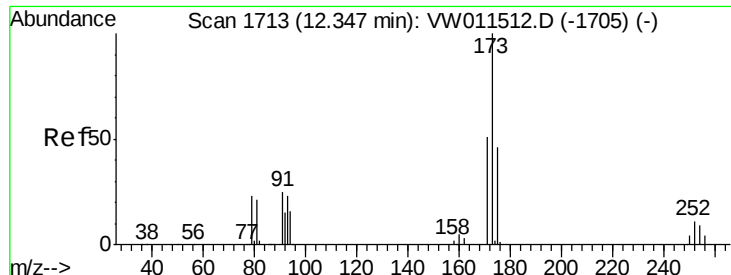
#70
Styrene
Concen: 104.320 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:104 Resp: 841212
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.0
103 54.7 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 106.811 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

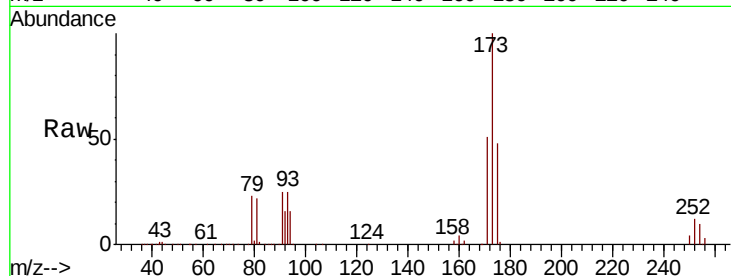
Tot Ion:173 Resp: 137454

Ion Ratio Lower Upper

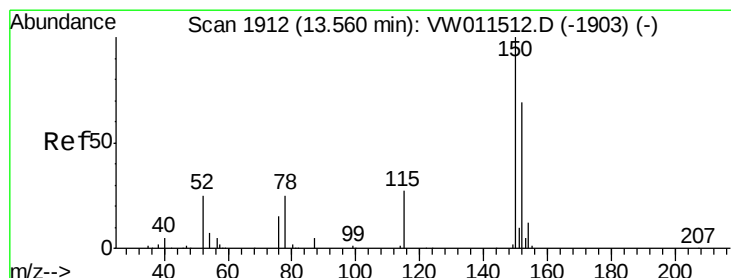
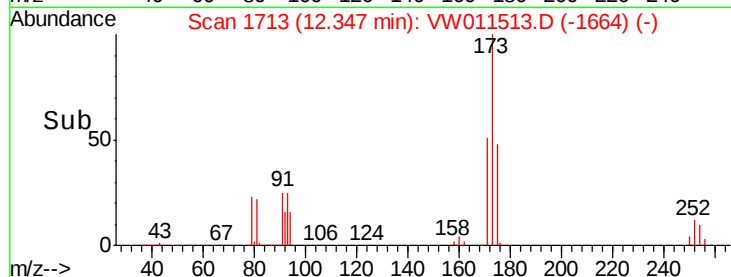
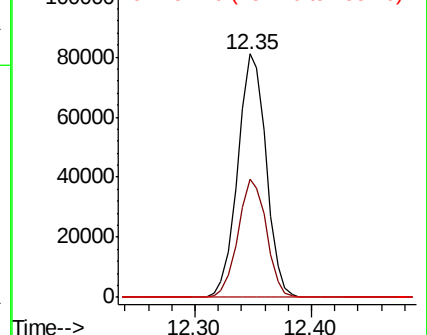
173 100

175 48.6 23.6 71.0

254 0.2 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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

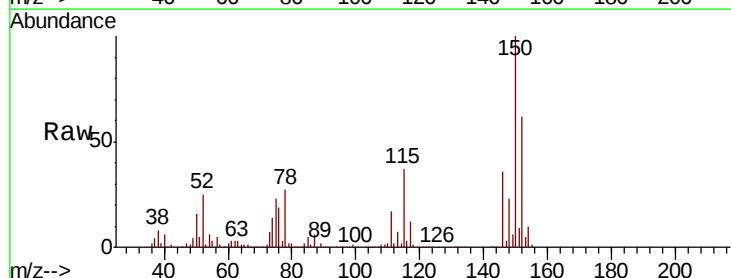
Tgt Ion:152 Resp: 175903

Ion Ratio Lower Upper

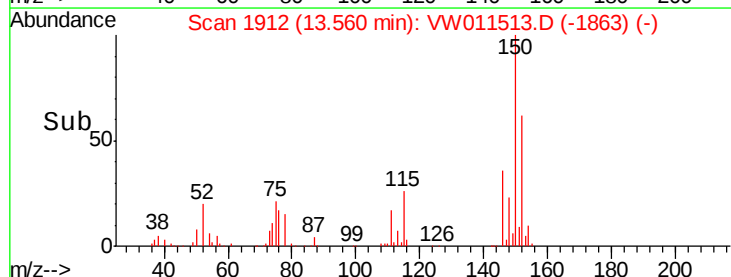
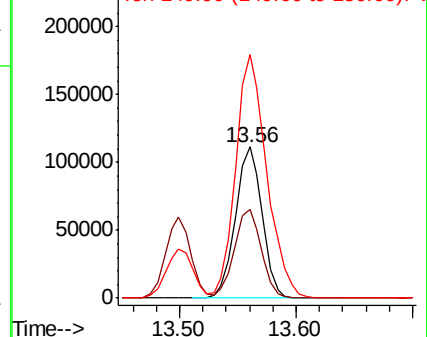
152 100

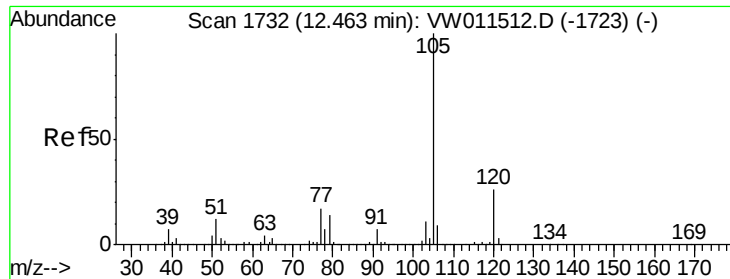
115 59.6 30.5 91.5

150 189.0 0.0 352.6



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: 100.695 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

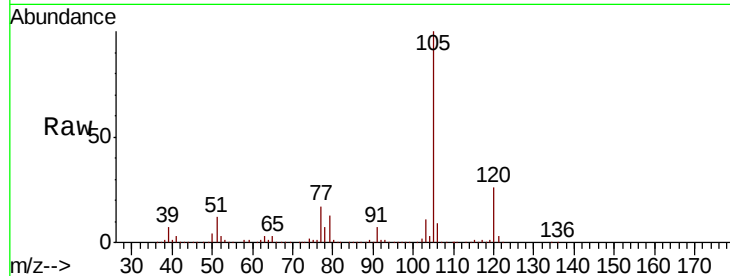
VSTDIC100

Tot Ion:105 Resp: 1321401

Ion Ratio Lower Upper

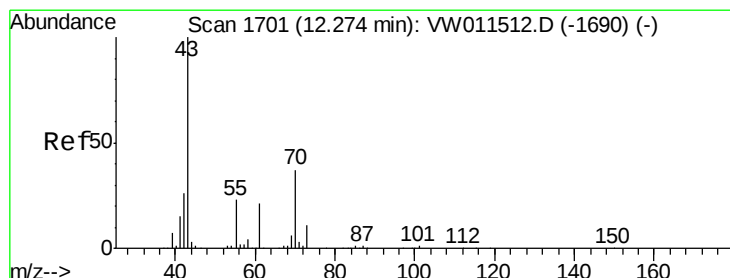
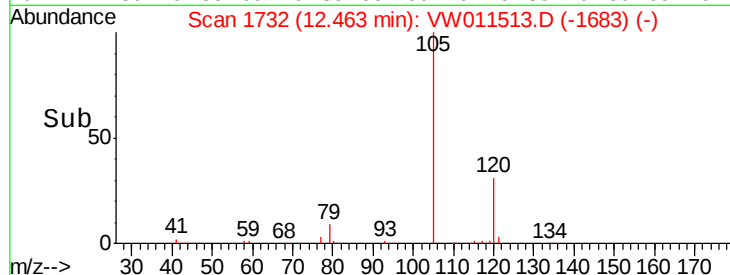
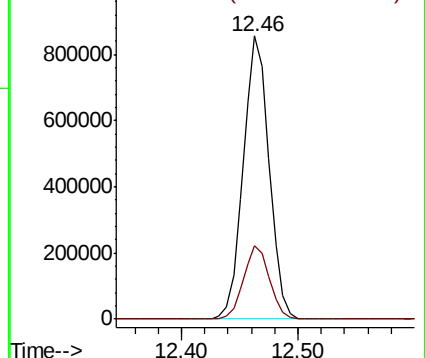
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 108.489 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion: 43 Resp: 445719

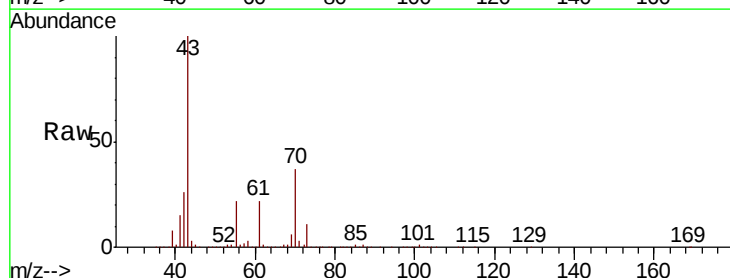
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 22.1 17.8 26.8

61 21.7 17.0 25.6

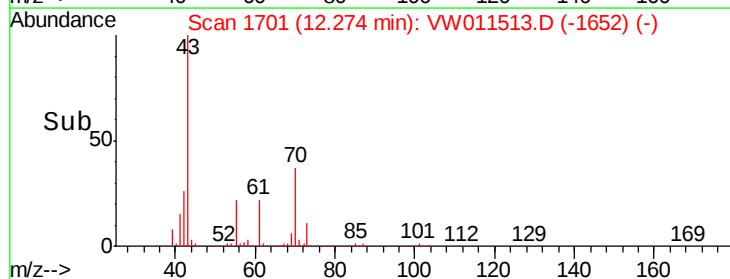
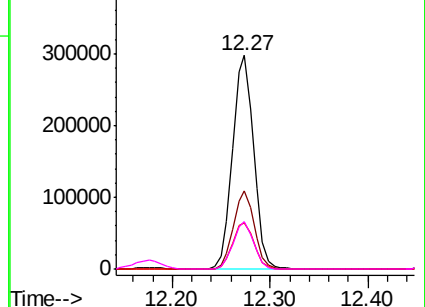


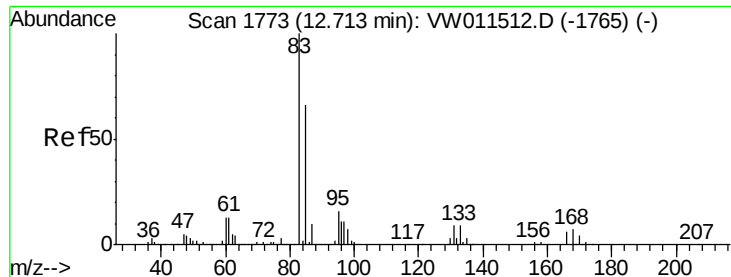
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 101.518 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

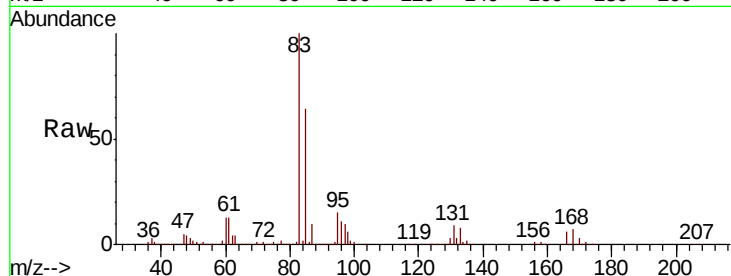
Tot Ion: 83 Resp: 250586

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

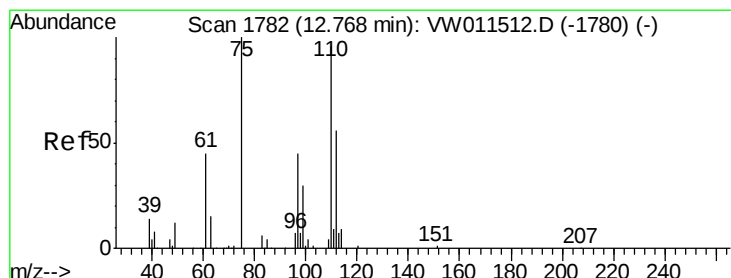
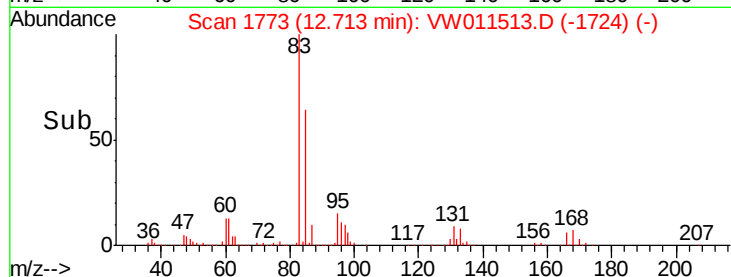
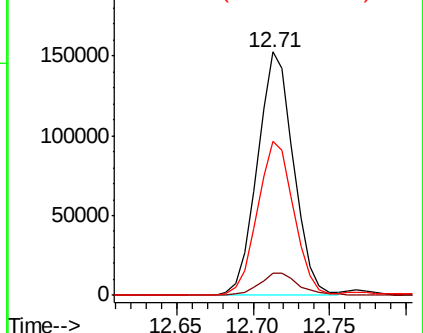
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 183.006 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011513.D

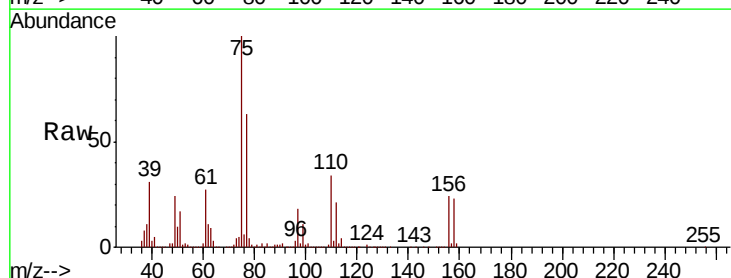
Acq: 26 Jul 2019 13:17

Tgt Ion: 75 Resp: 341749

Ion Ratio Lower Upper

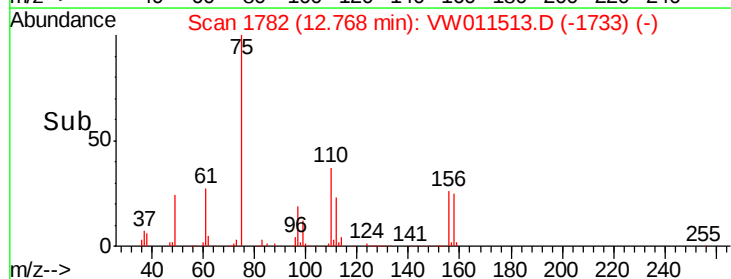
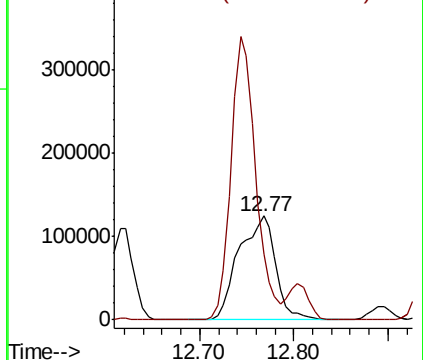
75 100

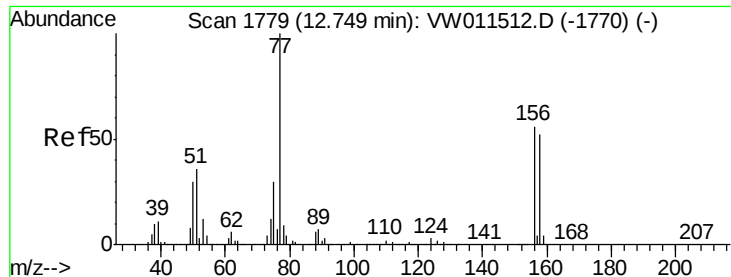
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 101.454 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

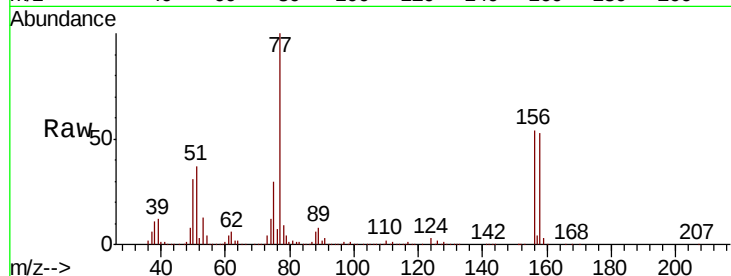
Tot Ion:156 Resp: 294272

Ion Ratio Lower Upper

156 100

77 212.2 106.5 319.4

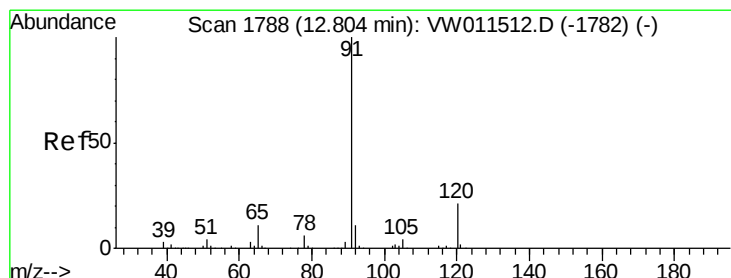
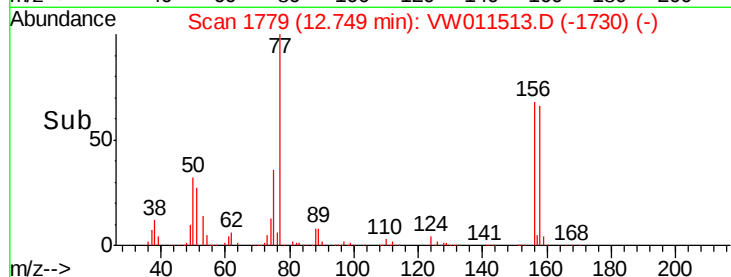
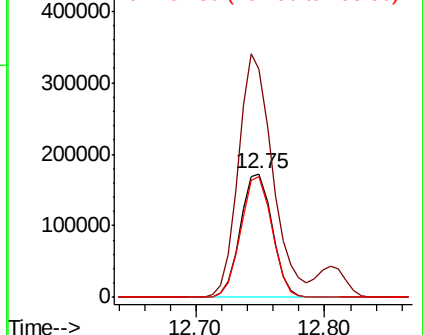
158 95.9 48.0 144.2



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: 100.952 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011513.D

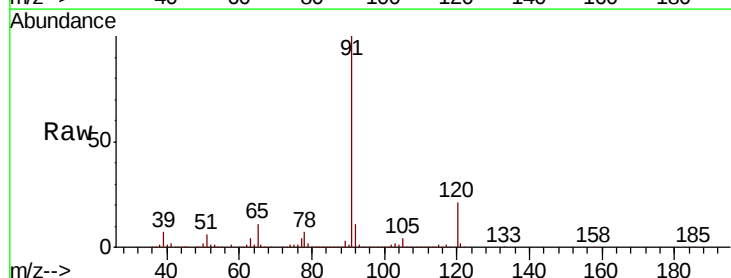
Acq: 26 Jul 2019 13:17

Tgt Ion: 91 Resp: 1612256

Ion Ratio Lower Upper

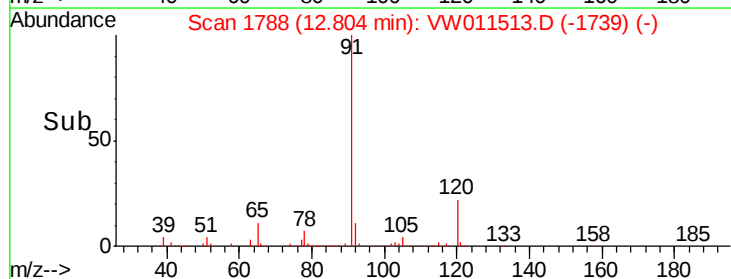
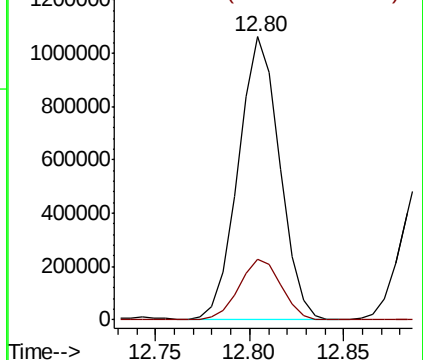
91 100

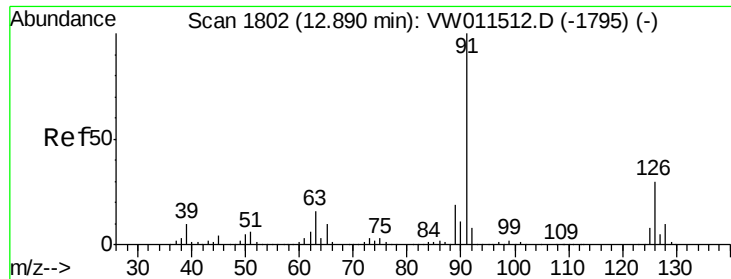
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.307 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

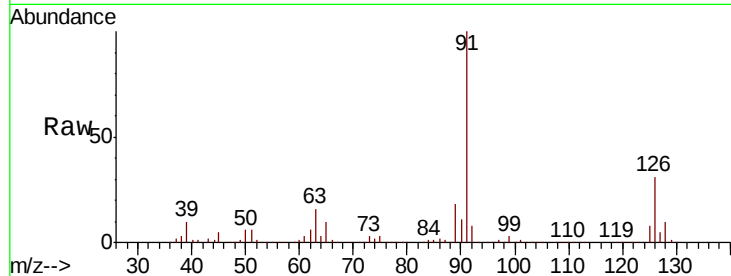
VSTDIC100

Tot Ion: 91 Resp: 922890

Ion Ratio Lower Upper

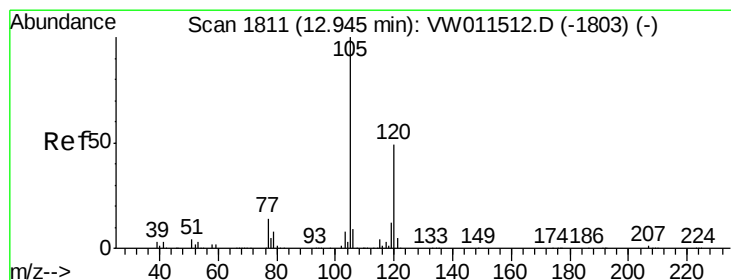
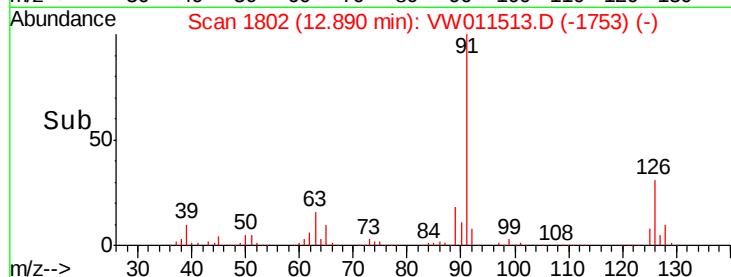
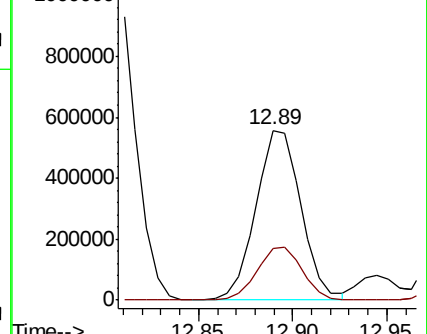
91 100

126 31.3 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 101.129 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011513.D

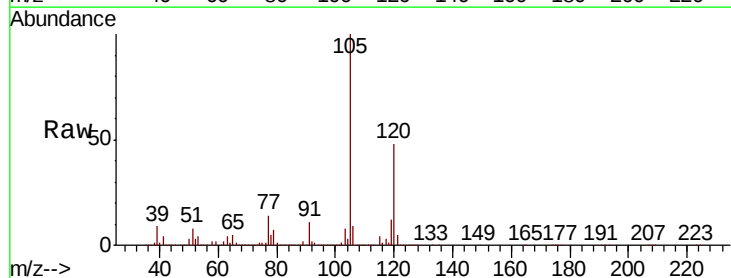
Acq: 26 Jul 2019 13:17

Tgt Ion:105 Resp: 1112439

Ion Ratio Lower Upper

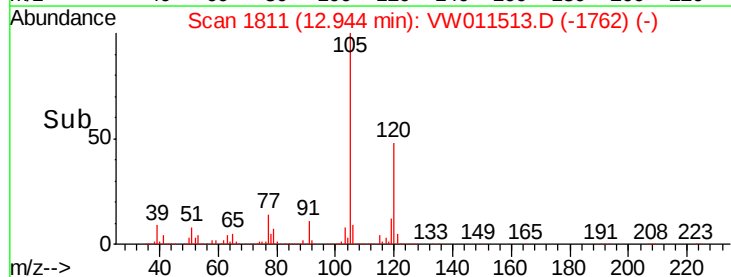
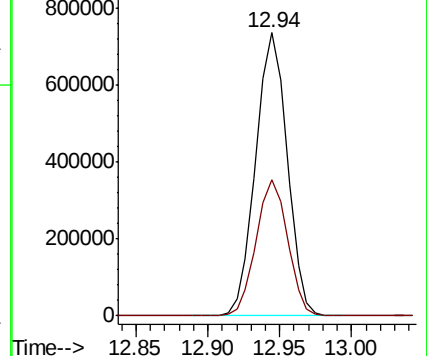
105 100

120 48.1 24.1 72.3



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: 110.696 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

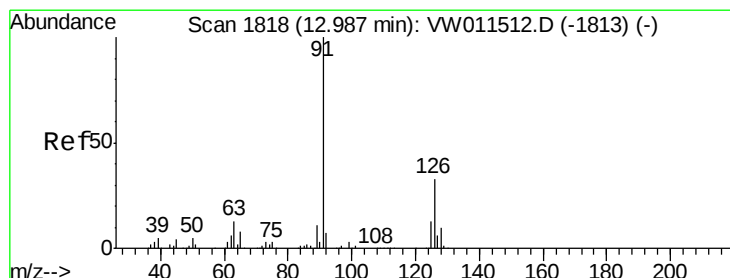
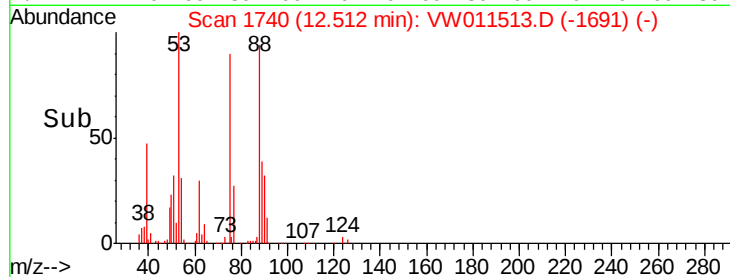
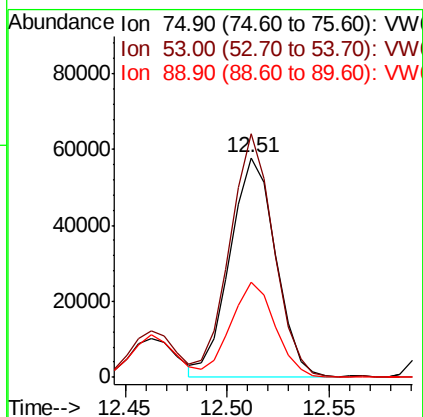
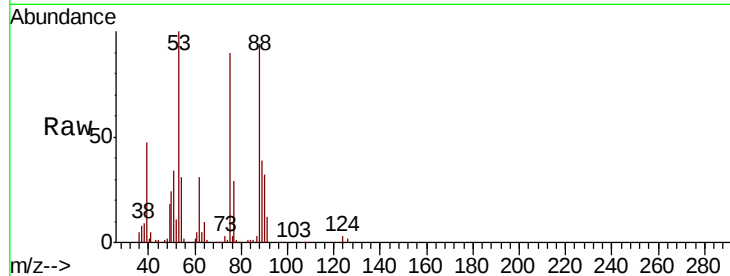
Tot Ion: 75 Resp: 89399

Ion Ratio Lower Upper

75 100

53 107.5 88.0 132.0

89 42.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 98.980 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011513.D

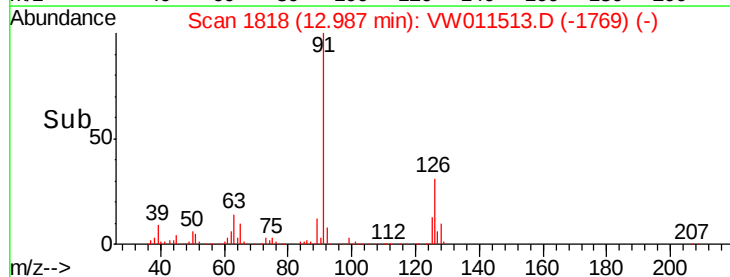
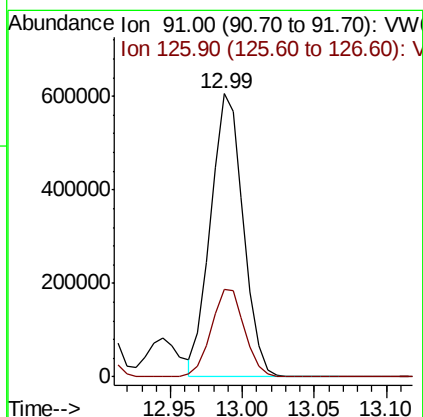
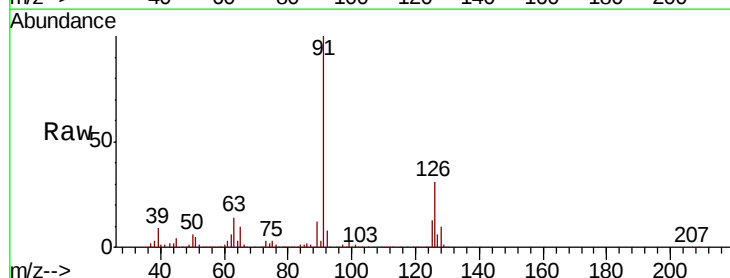
Acq: 26 Jul 2019 13:17

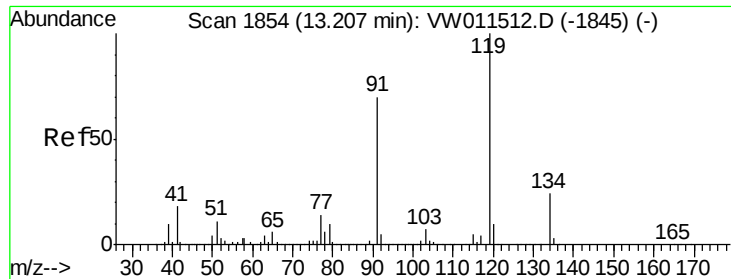
Tgt Ion: 91 Resp: 955490

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.8

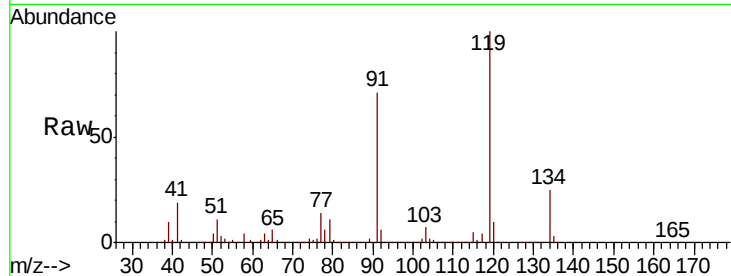




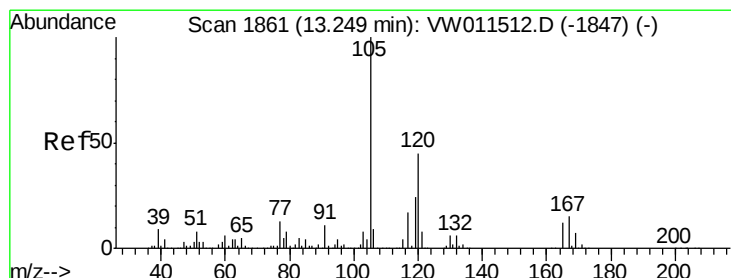
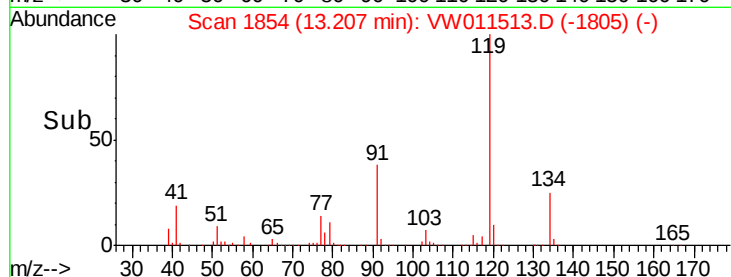
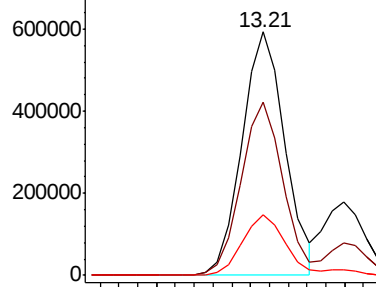
#83
tert-Butylbenzene
Concen: 101.724 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 935739
Ion Ratio Lower Upper
119 100
91 69.0 34.5 103.6
134 24.8 12.4 37.4

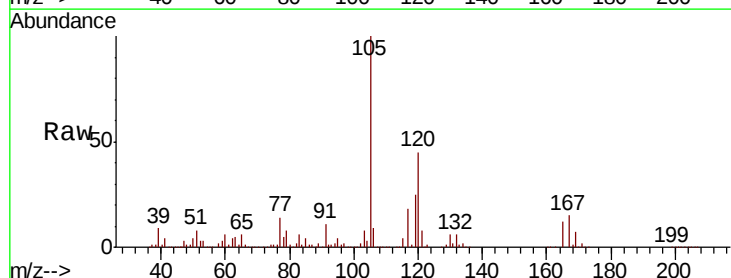


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

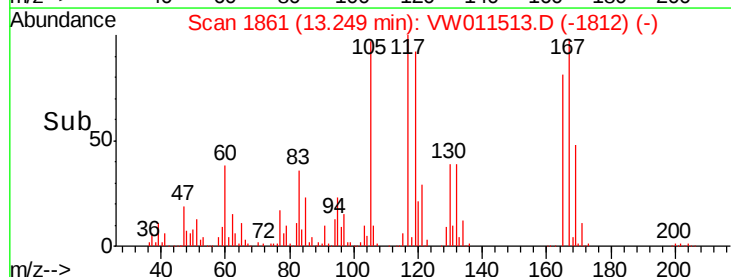
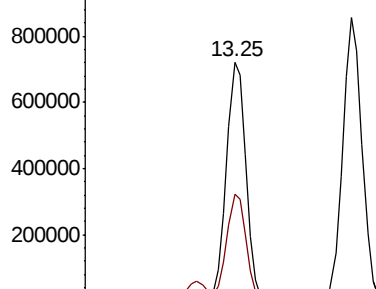


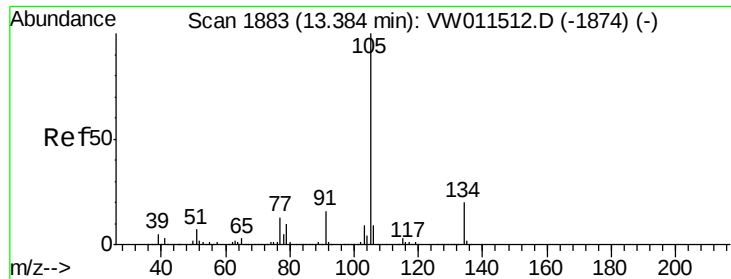
#84
1,2,4-Trimethylbenzene
Concen: 101.094 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:105 Resp: 1120238
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 100.697 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

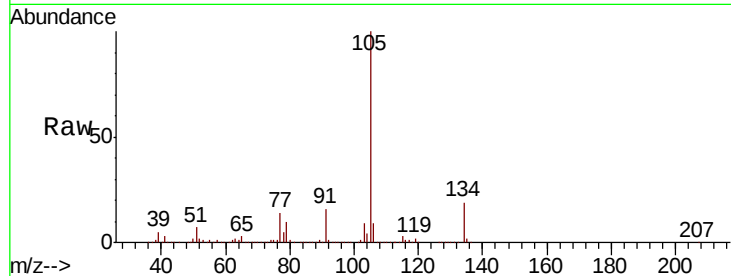
VSTDIC100

Tot Ion:105 Resp: 1321702

Ion Ratio Lower Upper

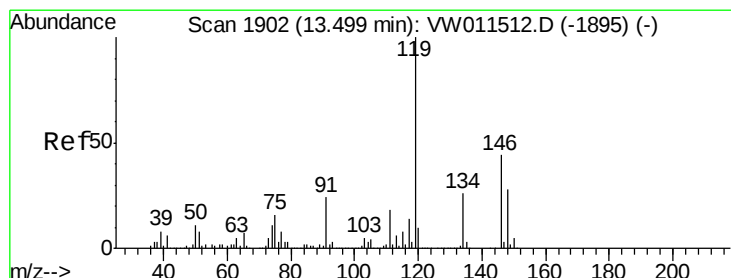
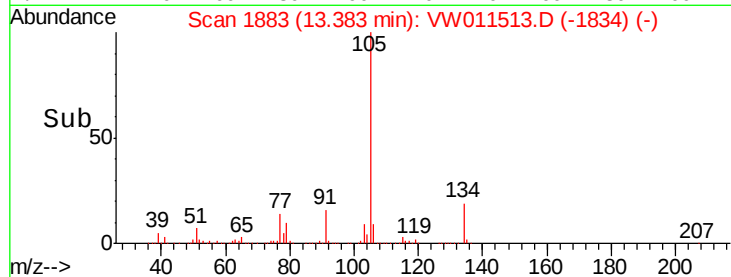
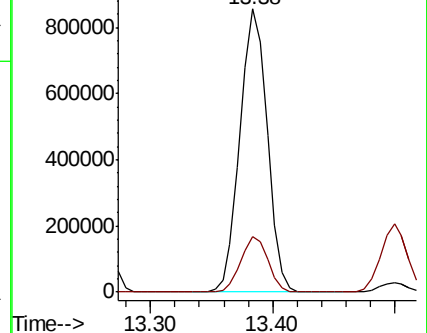
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.147 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

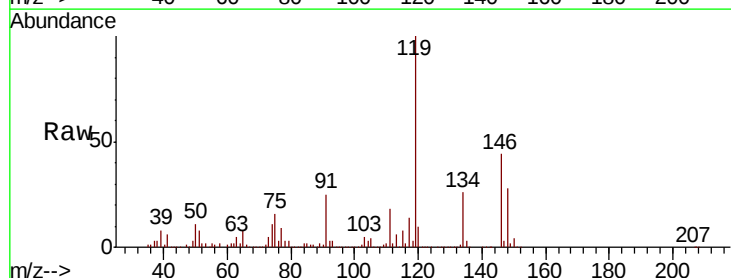
Tgt Ion:119 Resp: 1204565

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

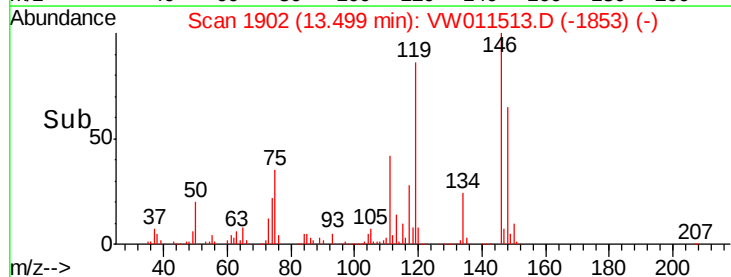
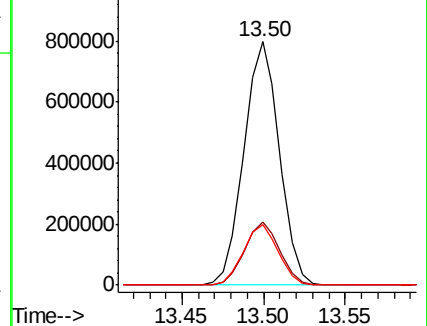
91 24.4 12.1 36.3

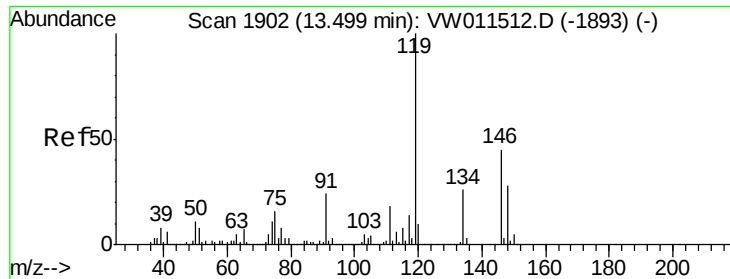


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

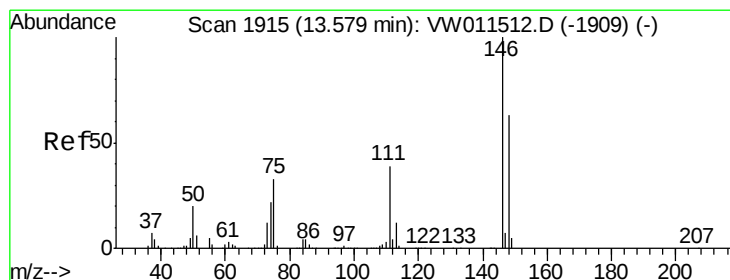
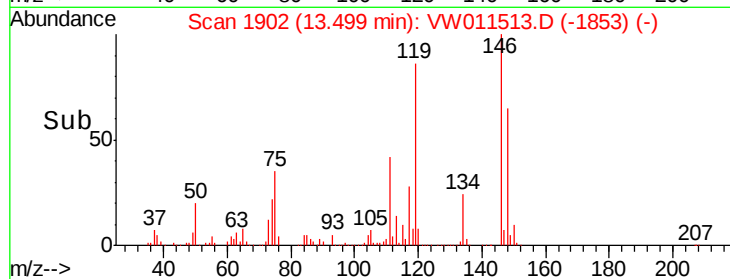
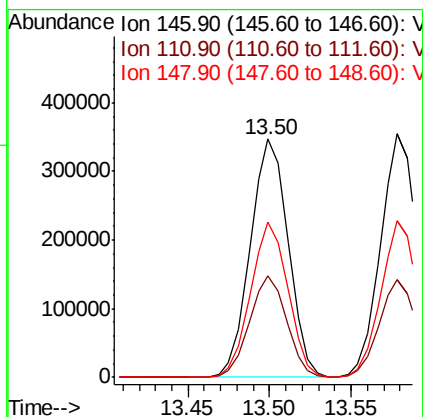
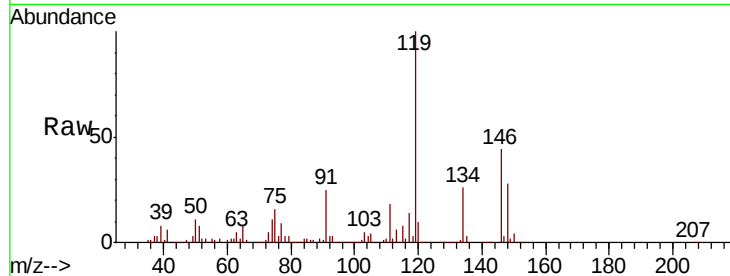




#87
 1,3-Dichlorobenzene
 Concen: 98.919 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

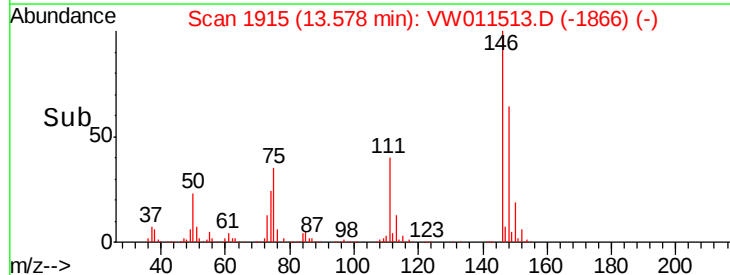
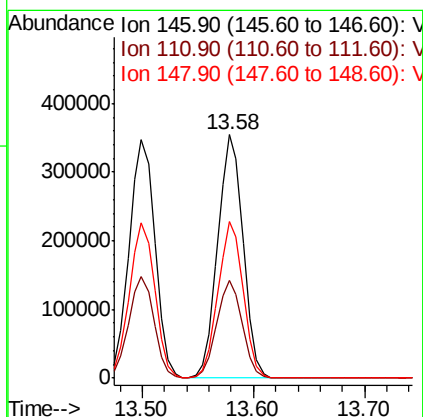
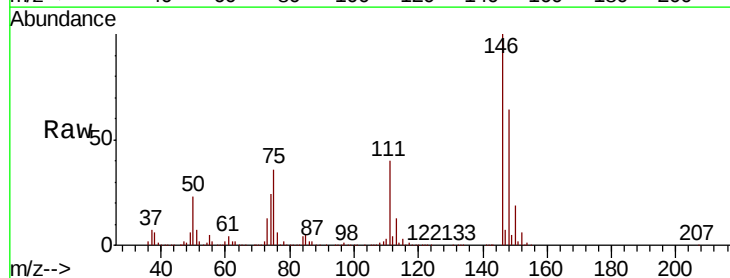
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

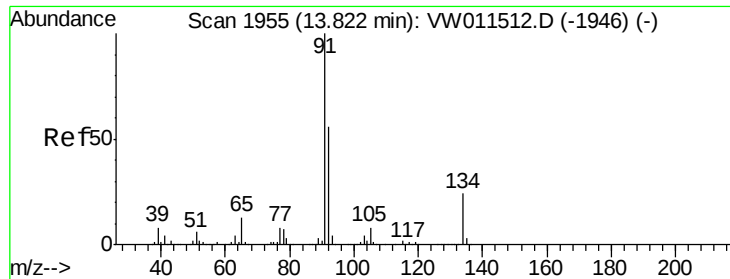
Tot Ion:146 Resp: 562583
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 98.545 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion:146 Resp: 557523
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.2
 148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 101.731 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

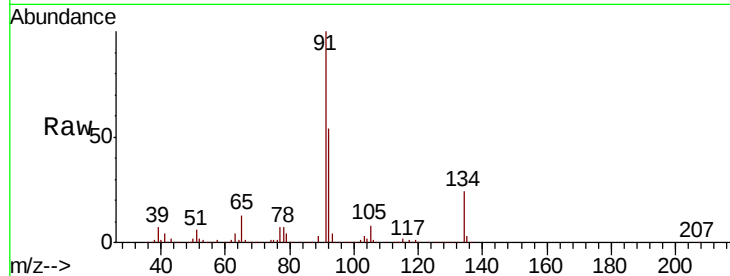
Tot Ion: 91 Resp: 1209023

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

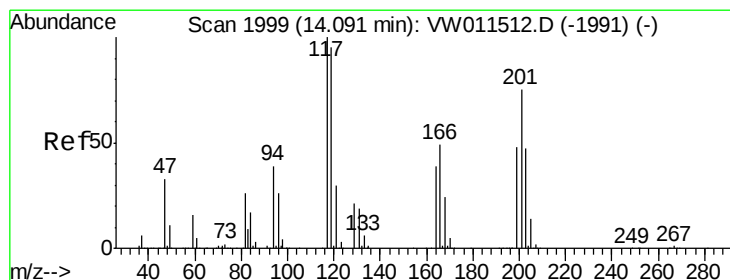
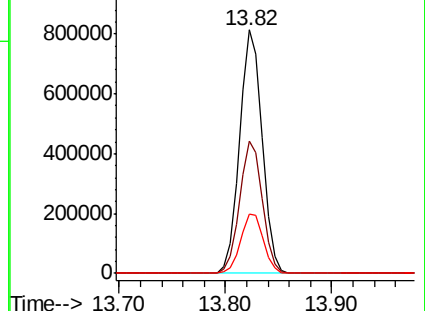
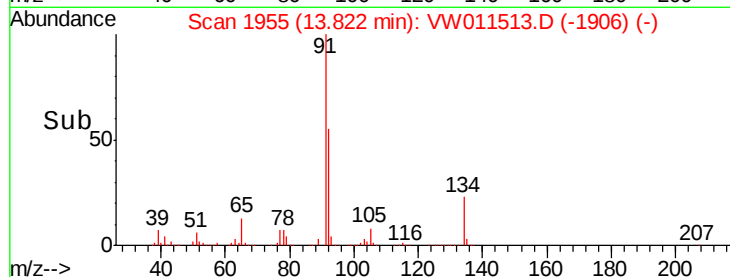
134 24.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 104.956 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011513.D

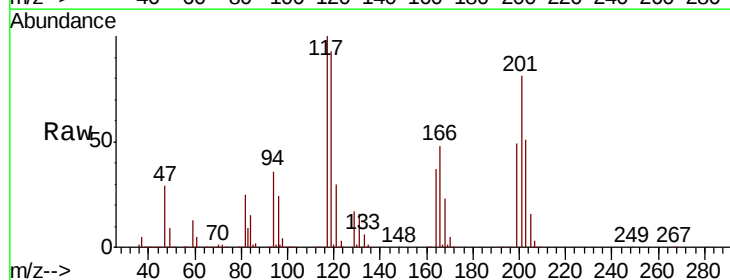
Acq: 26 Jul 2019 13:17

Tgt Ion: 117 Resp: 221022

Ion Ratio Lower Upper

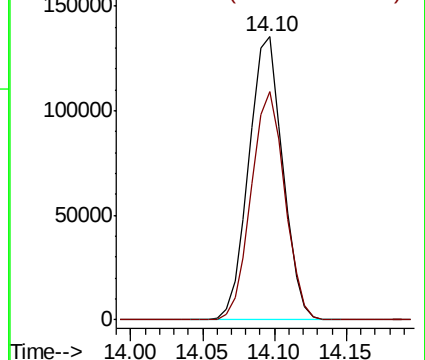
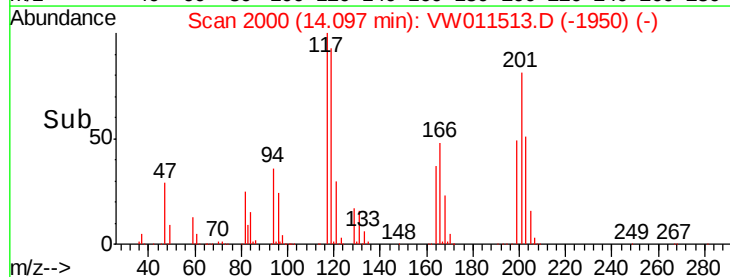
117 100

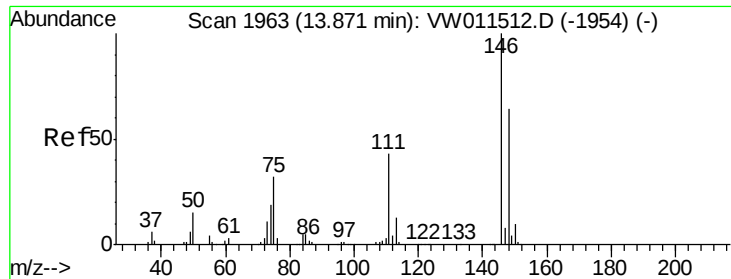
201 79.8 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

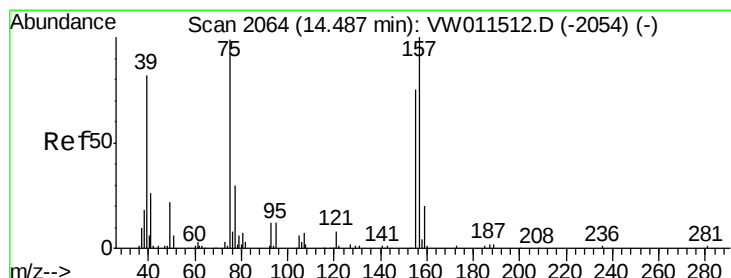
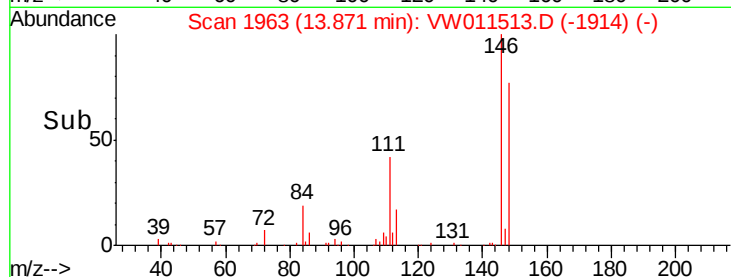
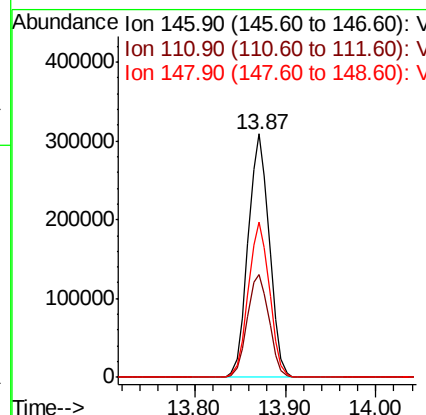
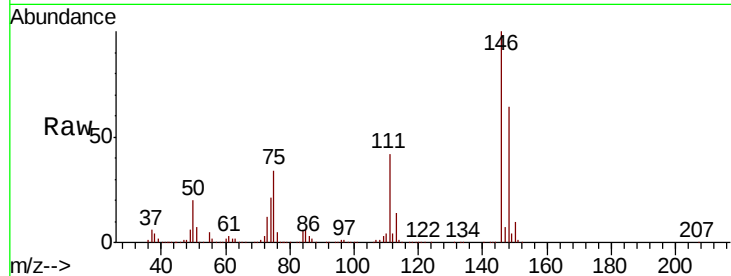




#91
 1,2-Dichlorobenzene
 Concen: 99.406 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

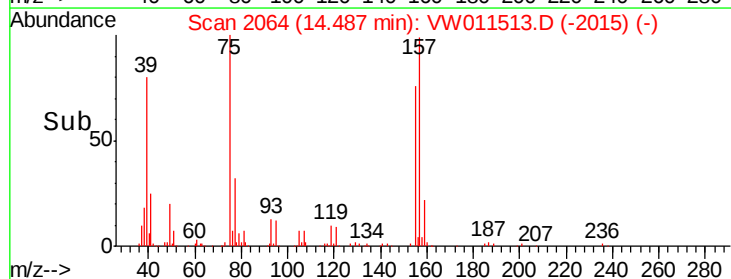
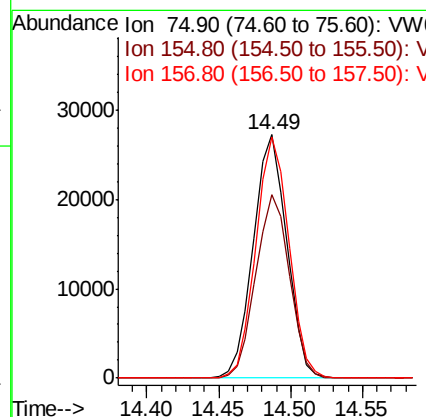
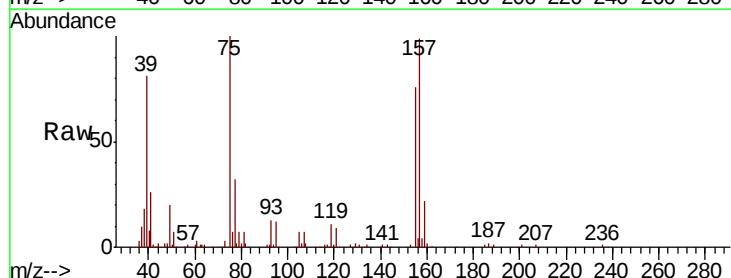
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

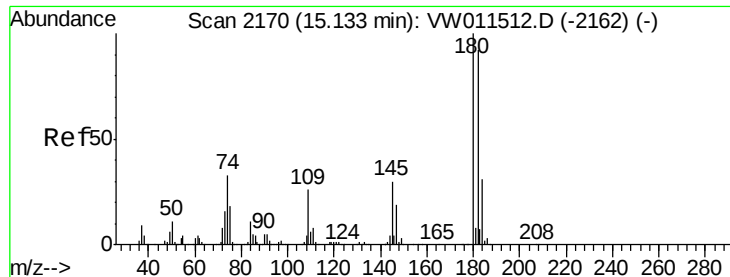
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	63.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.209 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	38.2	114.6
157	97.4	48.9	146.7

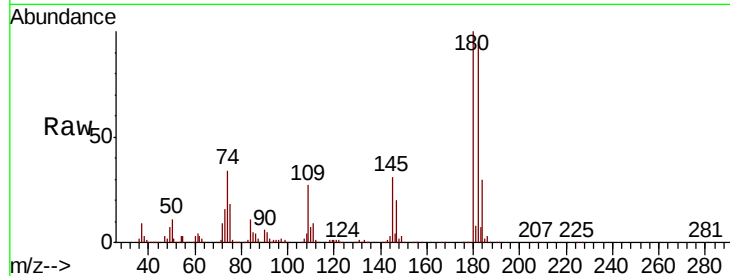




#93
 1,2,4-Trichlorobenzene
 Concen: 103.058 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.2
145	30.1	15.4	46.1

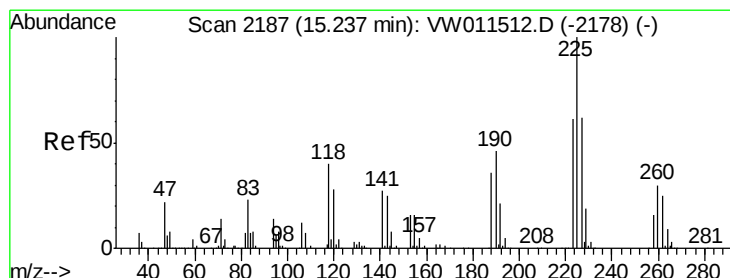
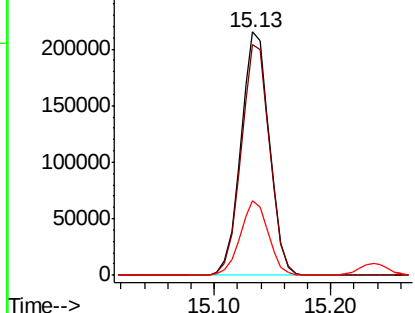
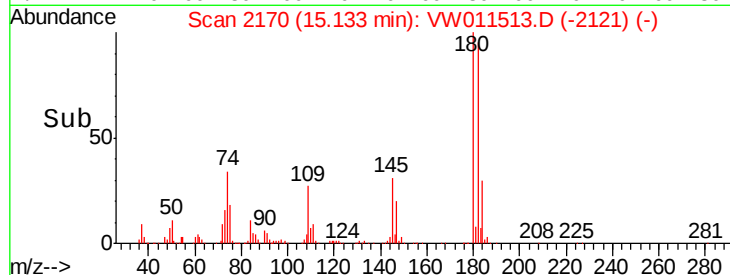


Abundance

Ion 179.80 (179.50 to 180.50): V

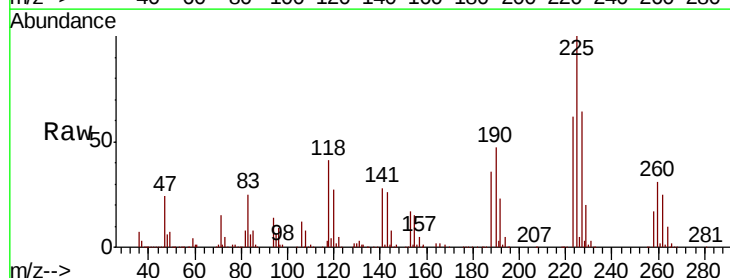
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 98.399 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.3
227	62.9	31.6	94.7

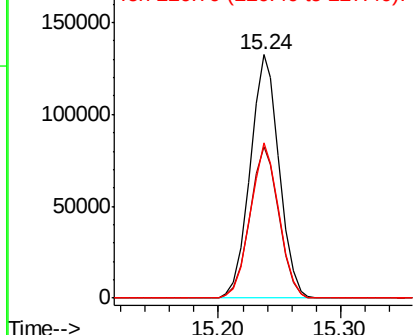
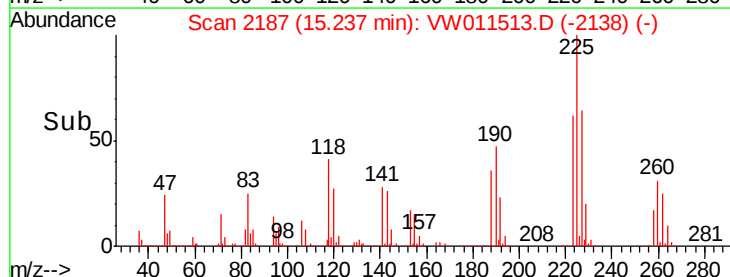


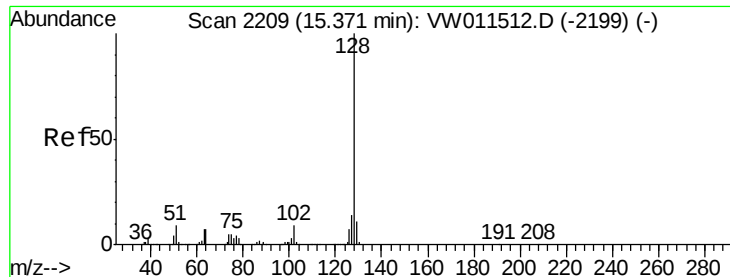
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

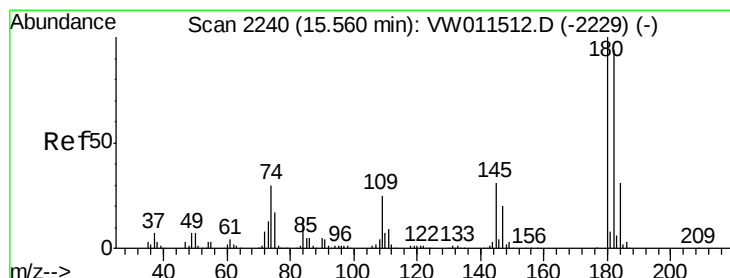
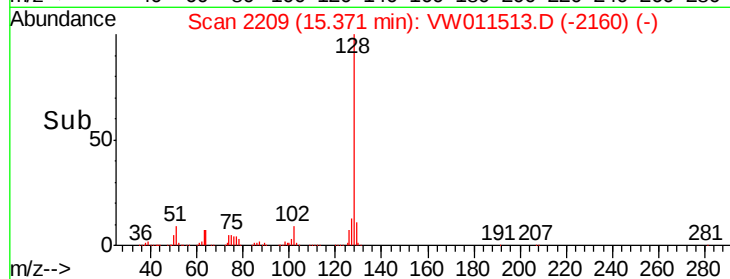
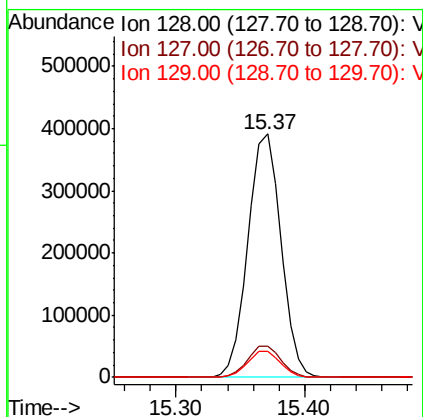
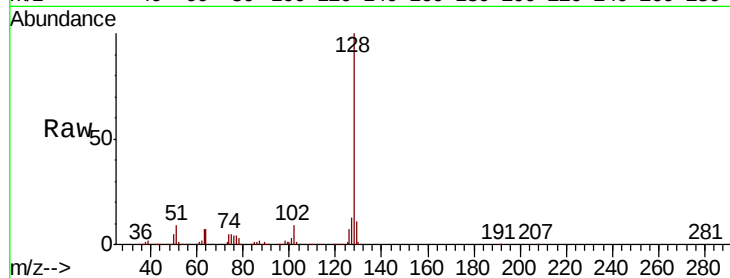




#95
Naphthalene
Concen: 110.220 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 692783
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 102.491 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:180 Resp: 318491
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.9 15.9 47.7

