

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013371.D
 Acq On : 01 Oct 2019 14:46
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 15:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	383562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	552441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	286889	91.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.30%	
35) Dibromofluoromethane	7.88	113	294532	96.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.88%	
50) Toluene-d8	10.32	98	1223229	96.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.38%	
62) 4-Bromofluorobenzene	12.62	95	405581	93.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	155630	70.340	ug/l	93
3) Chloromethane	2.21	50	216288	76.047	ug/l	100
4) Vinyl Chloride	2.36	62	328353	89.551	ug/l	99
5) Bromomethane	2.76	94	210693	90.674	ug/l	97
6) Chloroethane	2.91	64	191903	88.790	ug/l	99
7) Trichlorofluoromethane	3.25	101	145551	68.841	ug/l	94
8) Diethyl Ether	3.68	74	174089	96.398	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	322558	93.706	ug/l	99
10) Methyl Iodide	4.27	142	537117	100.643	ug/l	98
11) Tert butyl alcohol	5.17	59	110658	426.234	ug/l	97
12) 1,1-Dichloroethene	4.04	96	342976	96.220	ug/l	99
13) Acrolein	3.89	56	142402	790.227	ug/l	99
14) Allyl chloride	4.66	41	522928	92.180	ug/l	98
15) Acrylonitrile	5.36	53	376803	483.402	ug/l	99
16) Acetone	4.12	43	409434	579.979	ug/l	97
17) Carbon Disulfide	4.38	76	994487	96.527	ug/l	99
18) Methyl Acetate	4.67	43	185739	93.599	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	508764	93.129	ug/l	99
20) Methylene Chloride	4.92	84	353090	88.261	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	370568	96.187	ug/l	99
22) Diisopropyl ether	6.31	45	1017032	94.278	ug/l	98
23) Vinyl Acetate	6.25	43	3094857	483.590	ug/l	99
24) 1,1-Dichloroethane	6.21	63	612520	94.096	ug/l	99
25) 2-Butanone	7.16	43	538028	507.697	ug/l	95
26) 2,2-Dichloropropane	7.16	77	345402	79.906	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	400621	98.536	ug/l	96
28) Bromochloromethane	7.51	49	240730	96.355	ug/l	95
29) Tetrahydrofuran	7.52	42	312419	480.715	ug/l	98
30) Chloroform	7.67	83	589108	92.436	ug/l	98
31) Cyclohexane	7.95	56	617234	90.963	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	472348	91.510	ug/l	98
36) 1,1-Dichloropropene	8.08	75	502152	93.847	ug/l	99
37) Ethyl Acetate	7.25	43	215866	94.924	ug/l	98
38) Carbon Tetrachloride	8.07	117	447338	93.261	ug/l	96

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 QLast Update : Tue Oct 01 15:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	665775	96.821	ug/l	97
40) Benzene	8.32	78	1431012	95.881	ug/l	99
41) Methacrylonitrile	7.48	41	135272	99.666	ug/l	98
42) 1,2-Dichloroethane	8.40	62	369267	92.038	ug/l	98
43) Isopropyl Acetate	8.42	43	416649	95.595	ug/l	99
44) Trichloroethene	9.09	130	407919	97.414	ug/l	96
45) 1,2-Dichloropropane	9.37	63	353203	96.933	ug/l	99
46) Dibromomethane	9.46	93	171227	96.790	ug/l	96
47) Bromodichloromethane	9.64	83	443661	98.560	ug/l	99
48) Methyl methacrylate	9.43	41	212962	103.911	ug/l	96
49) 1,4-Dioxane	9.46	88	49261	1855.077	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	1045071	478.292	ug/l	98
52) Toluene	10.38	92	934671	97.715	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	467093	100.998	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	560847	99.740	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	256204	96.894	ug/l	97
56) Ethyl methacrylate	10.65	69	358226	103.519	ug/l	98
57) 1,3-Dichloropropane	10.93	76	448415	97.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	662910	413.796	ug/l	97
59) 2-Hexanone	10.97	43	784387	521.784	ug/l	99
60) Dibromochloromethane	11.13	129	305309	101.688	ug/l	99
61) 1,2-Dibromoethane	11.23	107	250148	99.500	ug/l	100
64) Tetrachloroethene	10.86	164	351231	97.020	ug/l	96
65) Chlorobenzene	11.66	112	970102	97.365	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	342466	100.611	ug/l	99
67) Ethyl Benzene	11.73	91	1735274	96.122	ug/l	96
68) m/p-Xylenes	11.84	106	1334803	194.032	ug/l	100
69) o-Xylene	12.16	106	617114	96.487	ug/l	94
70) Styrene	12.18	104	1044039	95.083	ug/l	99
71) Bromoform	12.35	173	186133	103.507	ug/l #	99
73) Isopropylbenzene	12.46	105	1661816	98.047	ug/l	98
74) N-amyl acetate	12.27	43	354454	94.244	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	270579	95.455	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	357494	176.428	ug/l #	100
77) Bromobenzene	12.75	156	409348	101.917	ug/l	98
78) n-propylbenzene	12.80	91	1978201	99.710	ug/l	99
79) 2-Chlorotoluene	12.89	91	1080039	97.171	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1395229	97.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	94281	104.407	ug/l	94
82) 4-Chlorotoluene	12.99	91	1133141	96.676	ug/l	100
83) tert-Butylbenzene	13.21	119	1245775	99.620	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1349800	95.206	ug/l	99
85) sec-Butylbenzene	13.38	105	1633748	94.760	ug/l	98
86) p-Isopropyltoluene	13.50	119	1564467	97.834	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	736026	95.217	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	743643	98.090	ug/l	99
89) n-Butylbenzene	13.82	91	1413127	96.780	ug/l	99
90) Hexachloroethane	14.09	117	265981	99.012	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	652928	97.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41558	95.851	ug/l	91

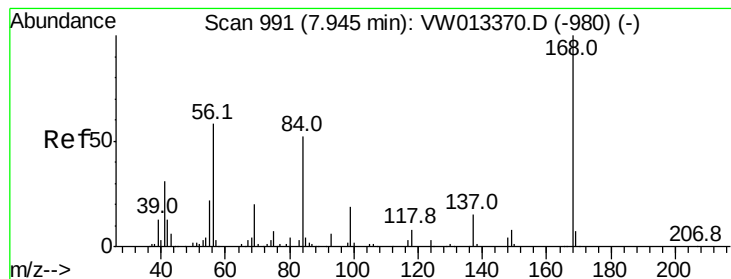
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 15:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	489019	102.048	ug/l	98
94) Hexachlorobutadiene	15.24	225	309114	94.286	ug/l	99
95) Naphthalene	15.36	128	836048	106.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	418263	101.013	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

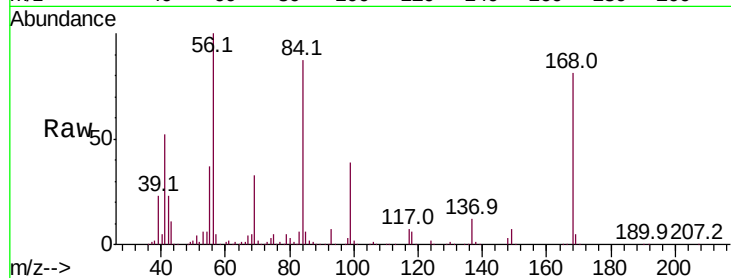
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 383562

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

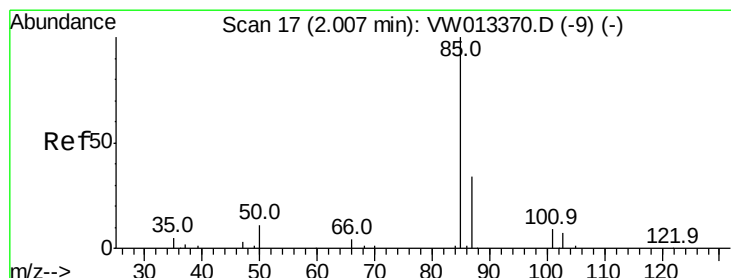
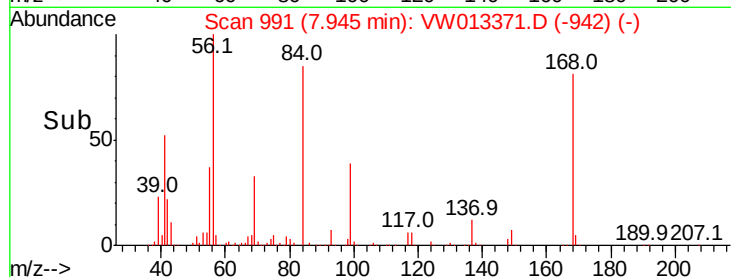
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 70.340 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013371.D

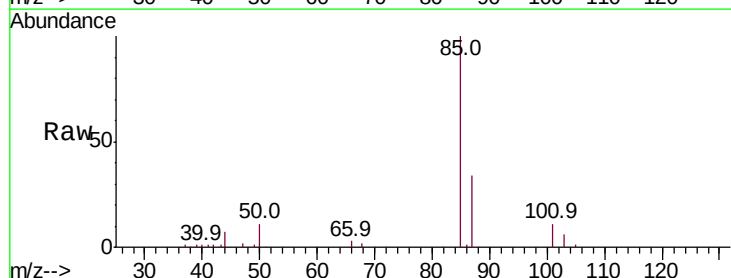
Acq: 01 Oct 2019 14:46

Tgt Ion: 85 Resp: 155630

Ion Ratio Lower Upper

85 100

87 33.8 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

50000

40000

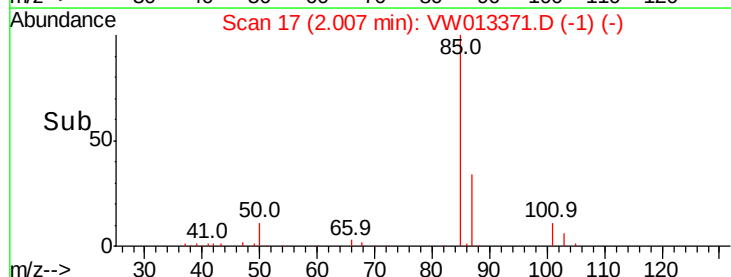
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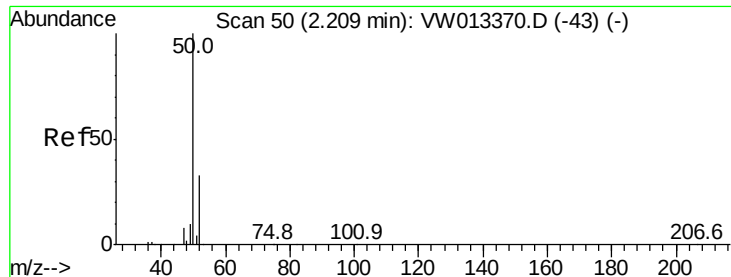
20000

10000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 76.047 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

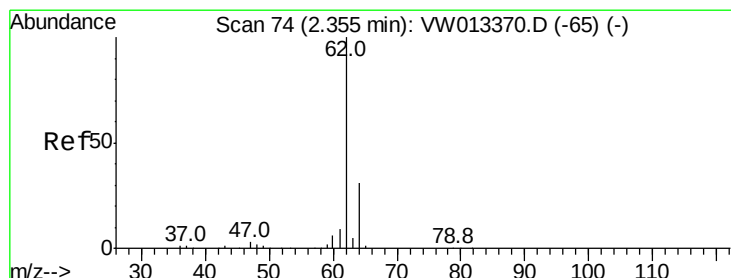
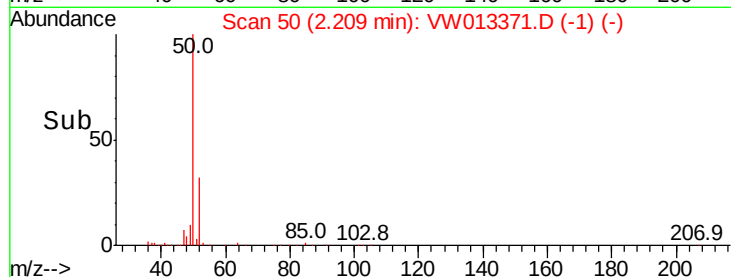
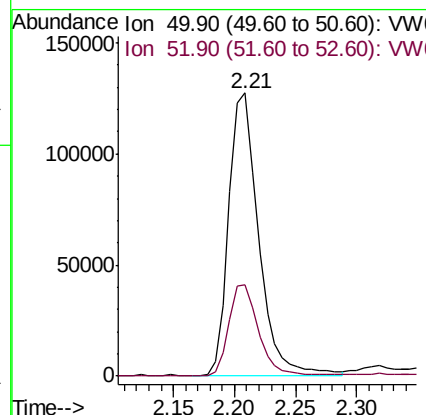
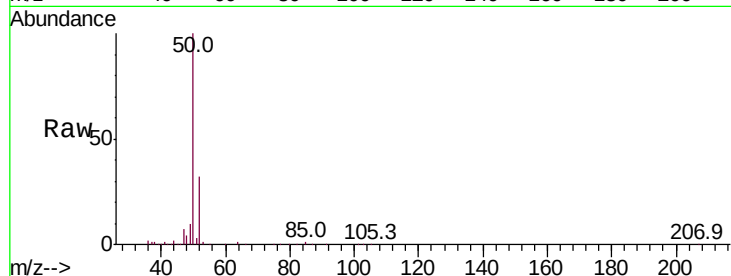
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 216288

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 89.551 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013371.D

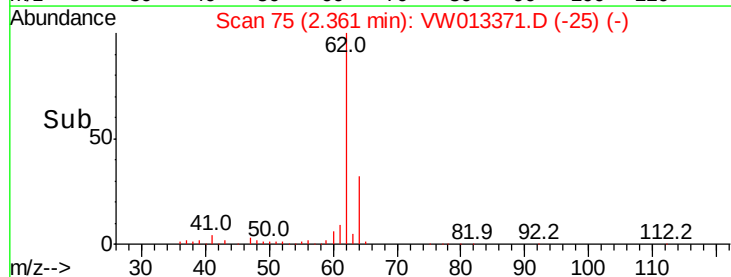
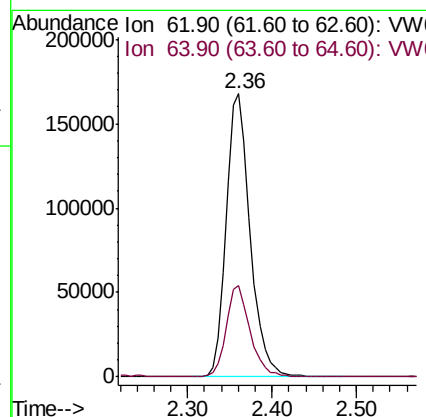
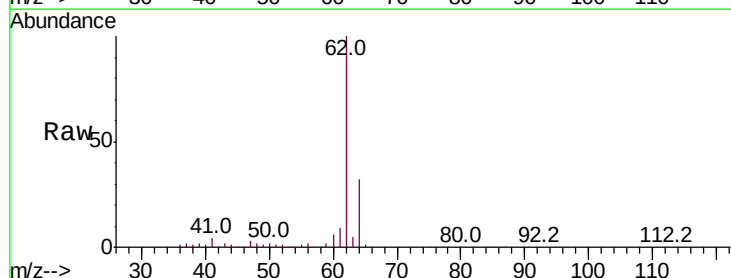
Acq: 01 Oct 2019 14:46

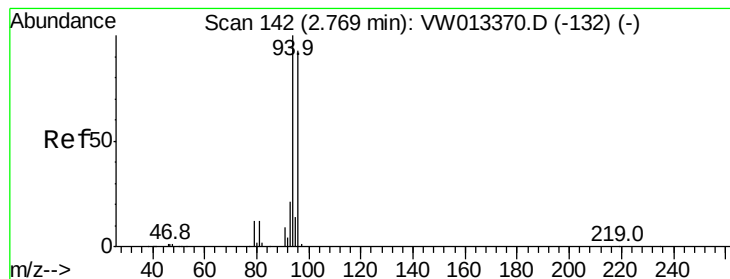
Tgt Ion: 62 Resp: 328353

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 90.674 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

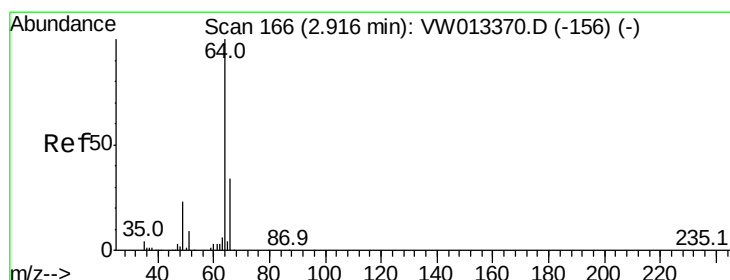
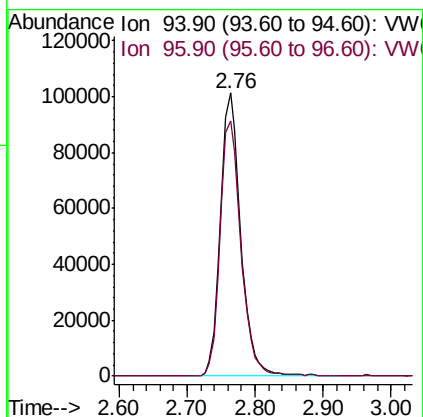
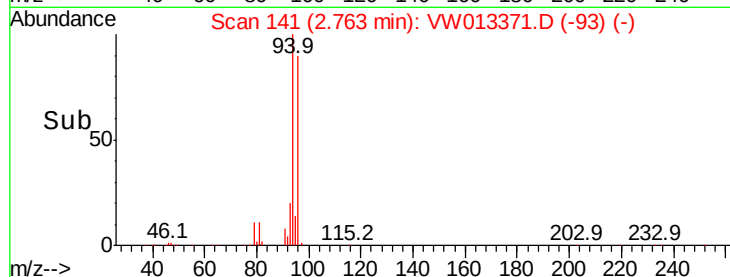
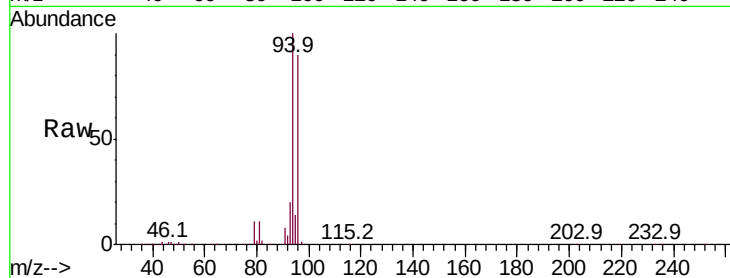
ClientSampled :

Tot Ion: 94 Resp: 210693

Ion Ratio Lower Upper

94 100

96 90.2 69.7 104.5



#6

Chloroethane

Concen: 88.790 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013371.D

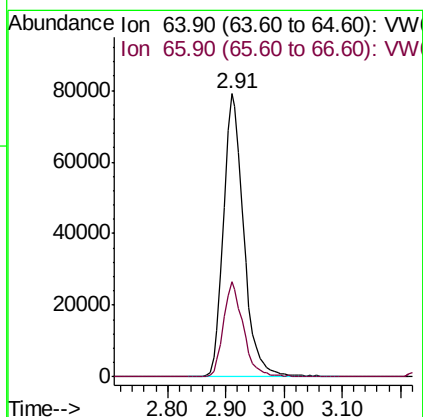
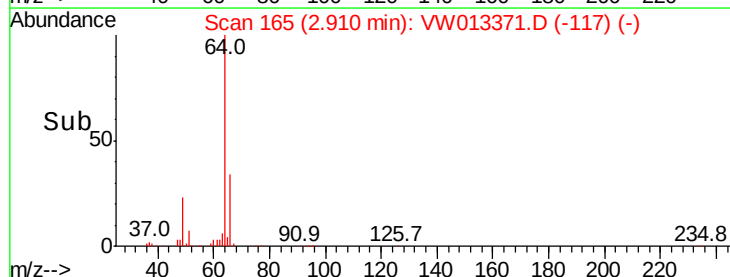
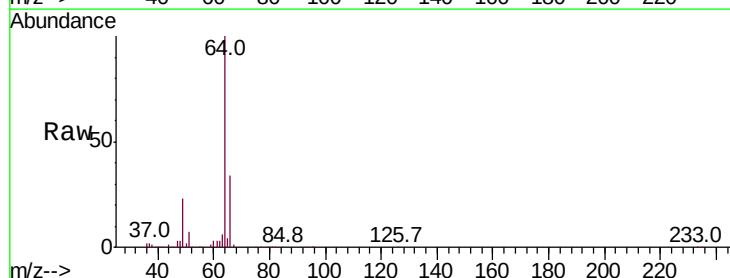
Acq: 01 Oct 2019 14:46

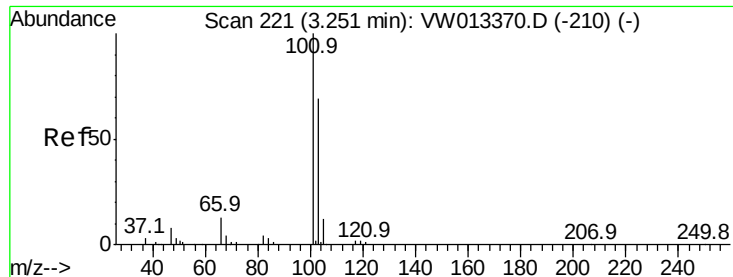
Tgt Ion: 64 Resp: 191903

Ion Ratio Lower Upper

64 100

66 33.7 26.6 39.8



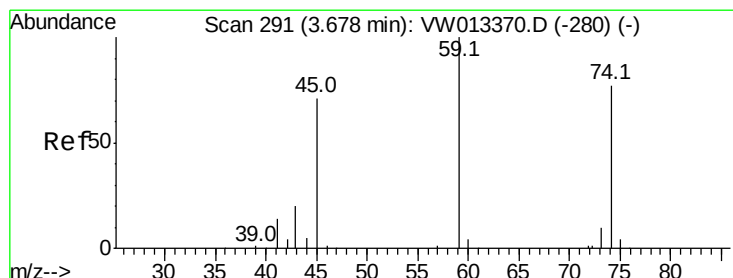
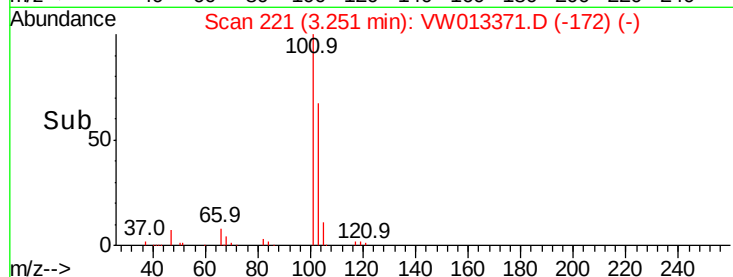
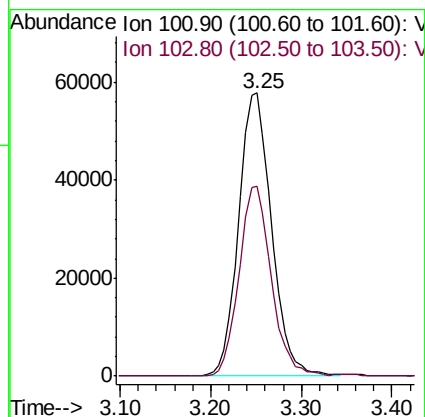
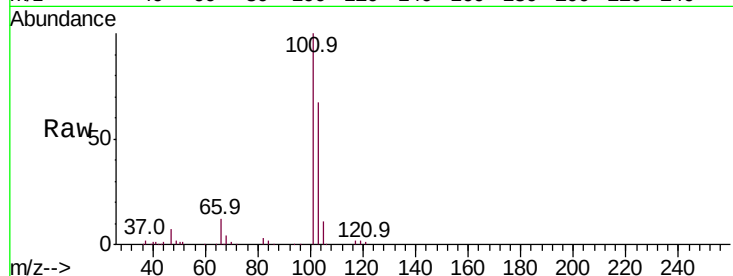


#7

Trichlorofluoromethane
 Concen: 68.841 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :

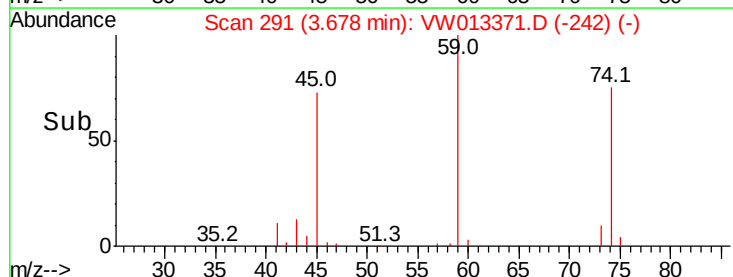
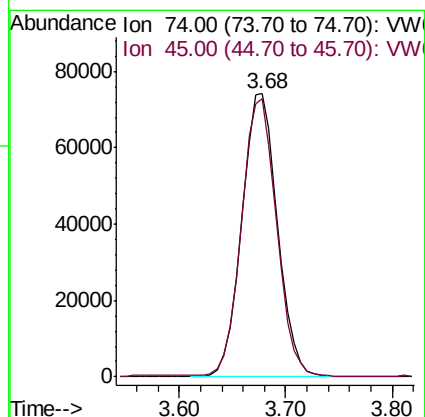
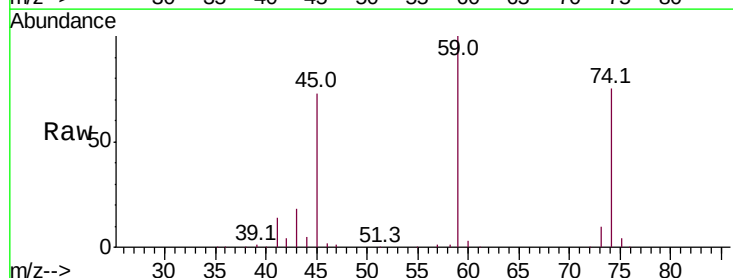
Tot Ion:101 Resp: 145551
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.7 74.5

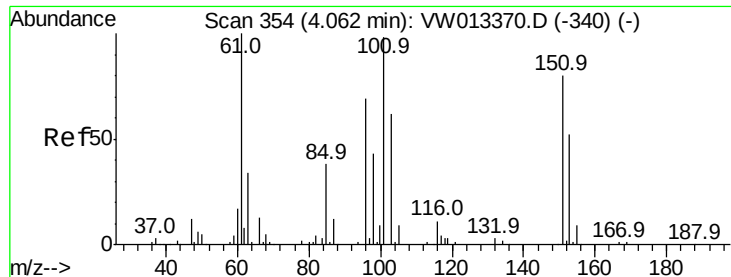


#8

Diethyl Ether
 Concen: 96.398 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion: 74 Resp: 174089
 Ion Ratio Lower Upper
 74 100
 45 96.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.706 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

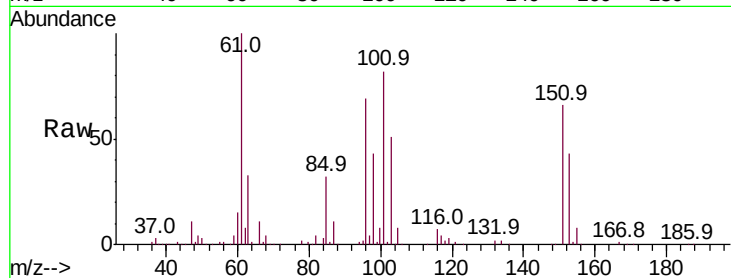
Tot Ion:101 Resp: 322558

Ion Ratio Lower Upper

101 100

85 40.3 33.4 50.0

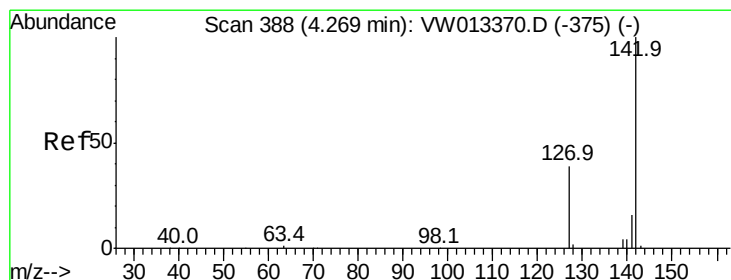
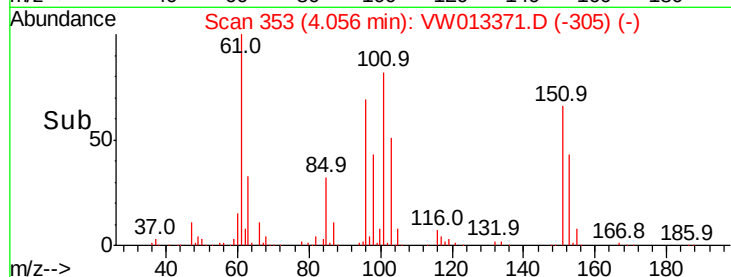
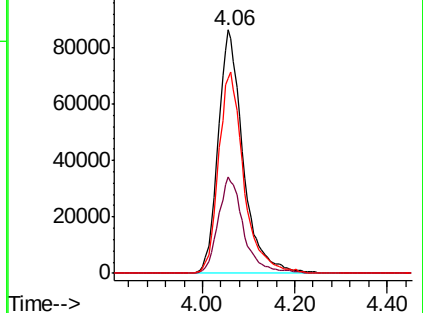
151 83.8 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 100.643 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

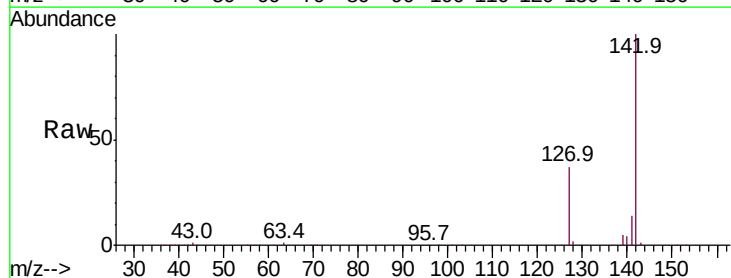
Tgt Ion:142 Resp: 537117

Ion Ratio Lower Upper

142 100

127 37.2 30.9 46.3

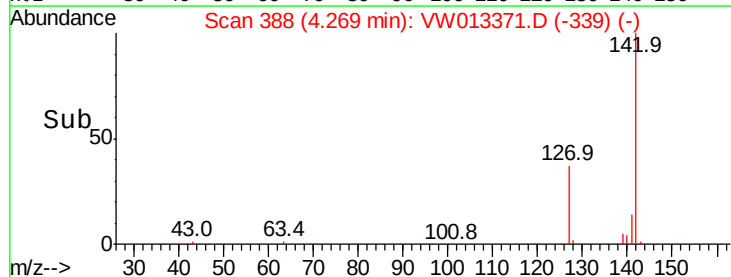
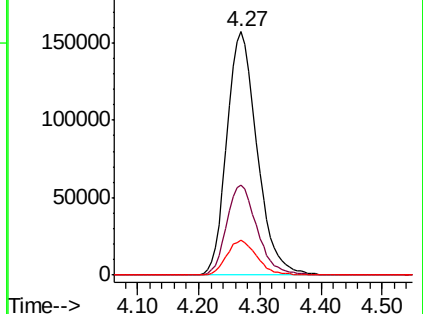
141 14.3 11.7 17.5

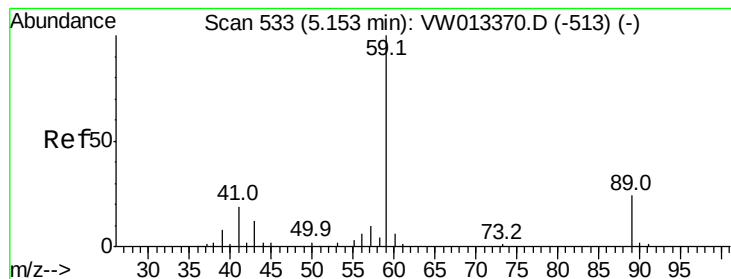


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



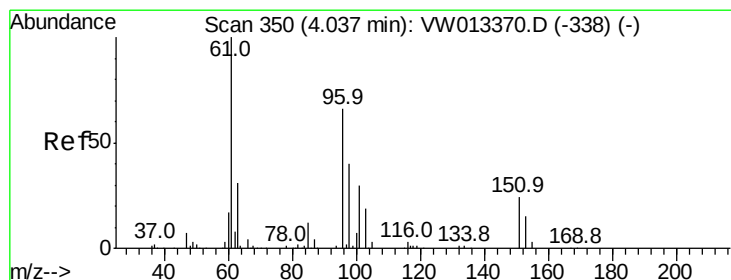
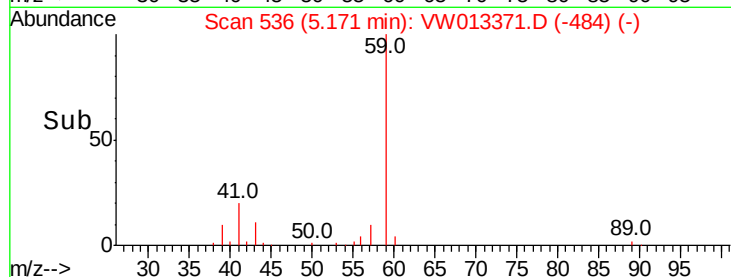
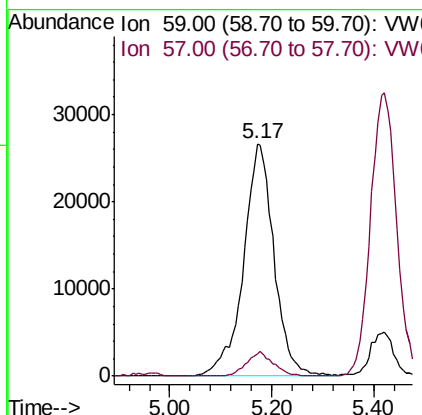
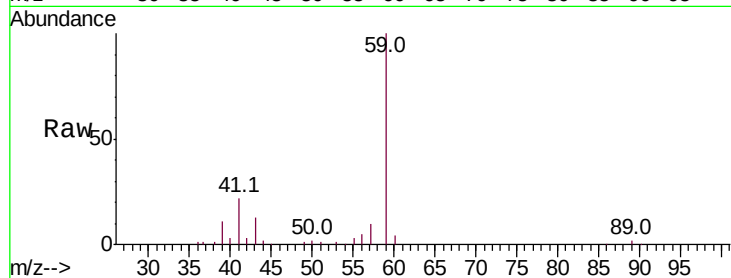


#11

Tert butyl alcohol
 Concen: 426.234 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.02 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :

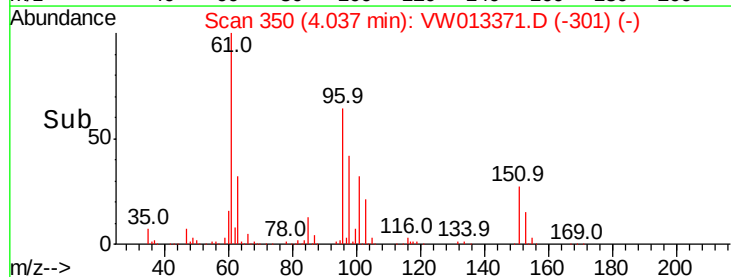
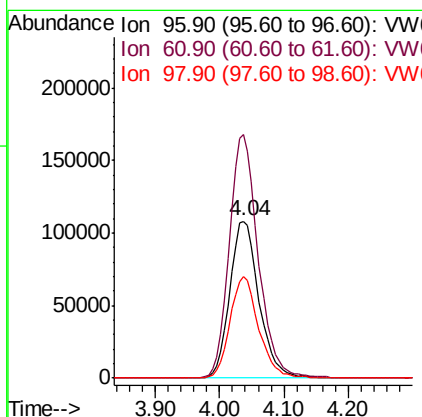
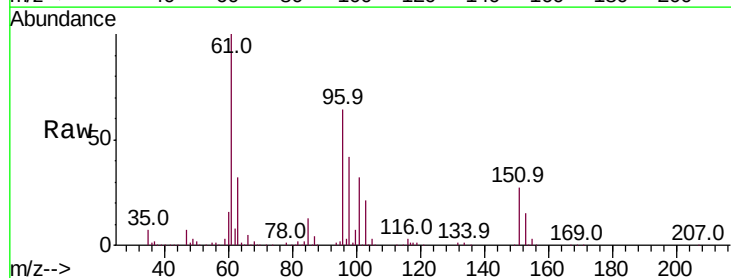
Tot Ion: 59 Resp: 110658
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.2 12.2

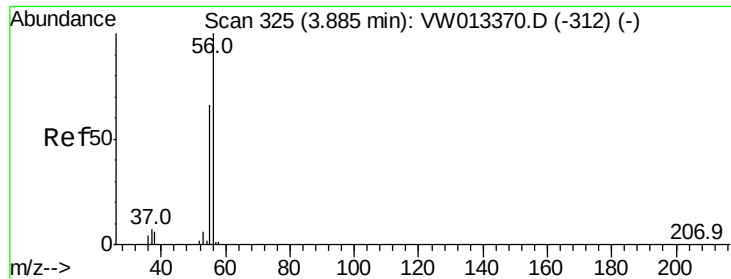


#12

1,1-Dichloroethene
 Concen: 96.220 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion: 96 Resp: 342976
 Ion Ratio Lower Upper
 96 100
 61 155.1 125.1 187.7
 98 64.8 50.8 76.2





#13

Acrolein

Concen: 790.227 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

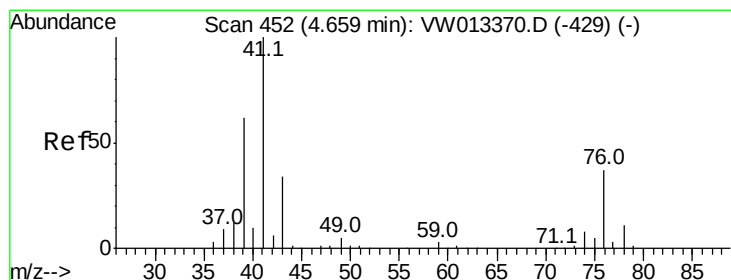
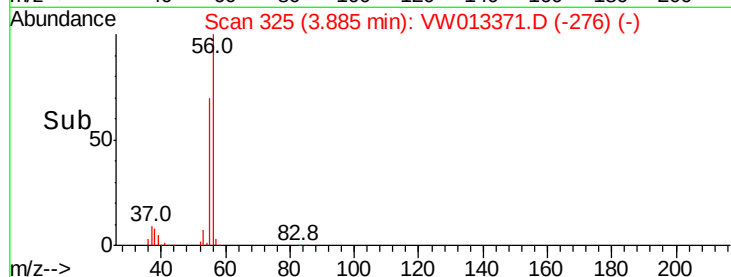
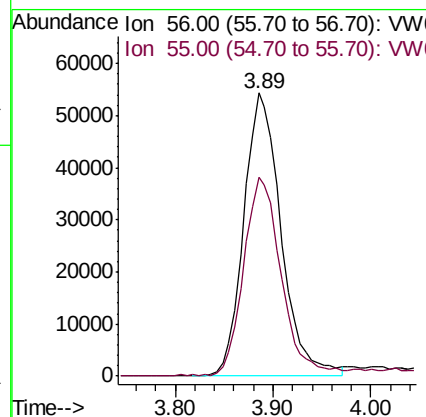
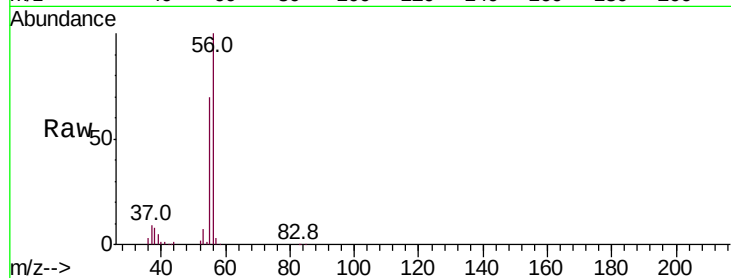
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 142402

Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.0



#14

Allyl chloride

Concen: 92.180 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

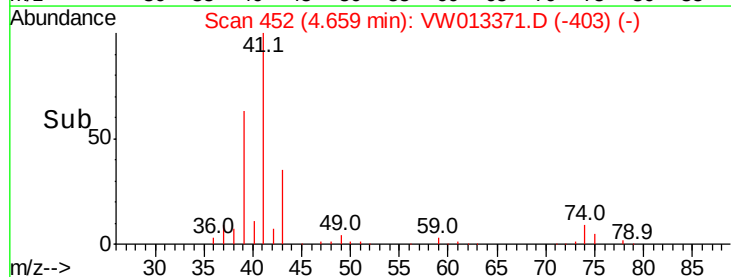
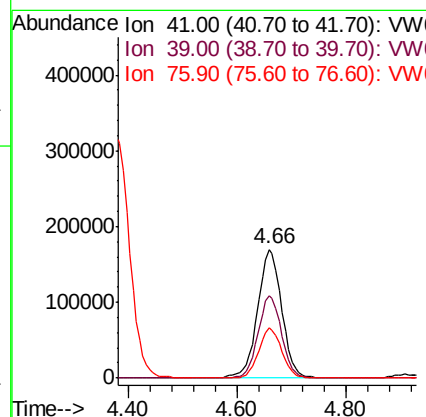
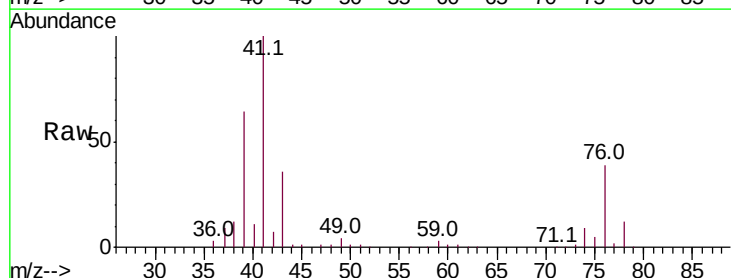
Tgt Ion: 41 Resp: 522928

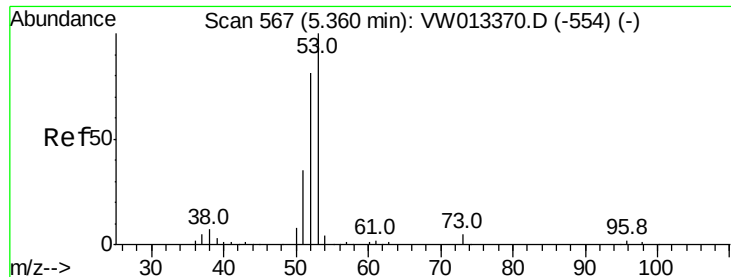
Ion Ratio Lower Upper

41 100

39 62.1 51.0 76.4

76 36.6 28.4 42.6





#15

Acrylonitrile

Concen: 483.402 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

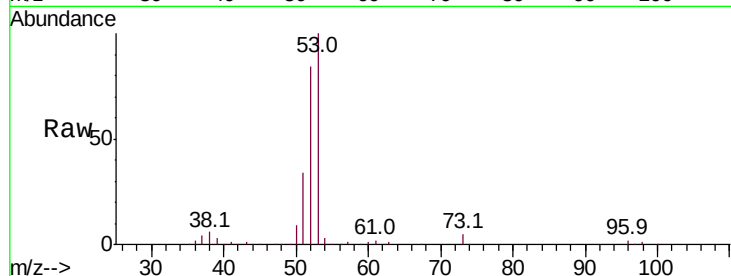
Tot Ion: 53 Resp: 376803

Ion Ratio Lower Upper

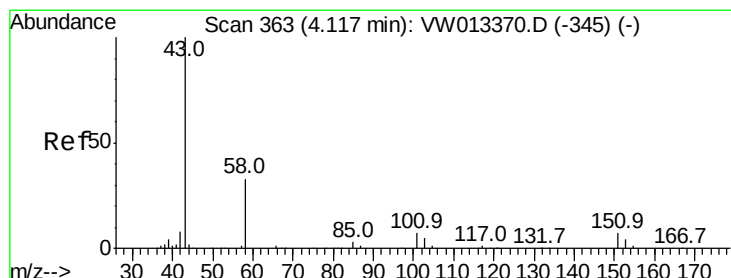
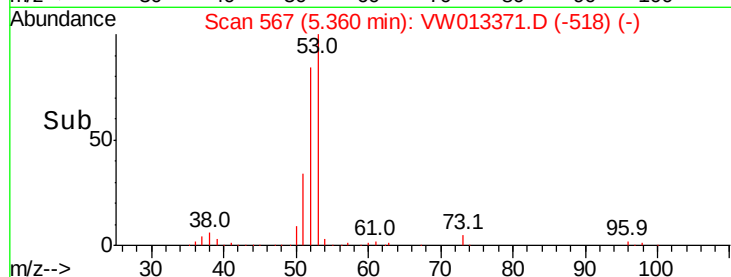
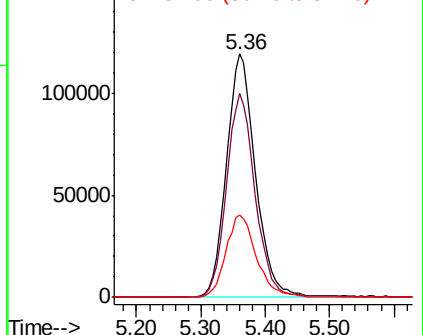
53 100

52 82.7 65.3 97.9

51 35.4 29.0 43.4



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: 579.979 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013371.D

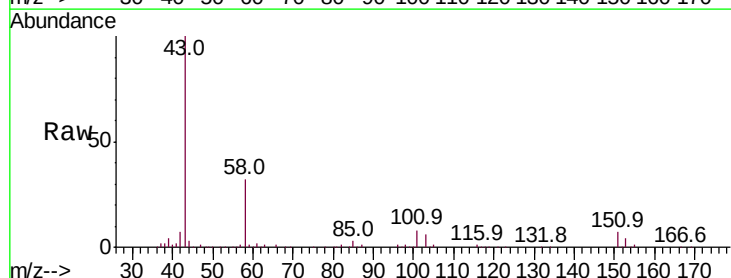
Acq: 01 Oct 2019 14:46

Tgt Ion: 43 Resp: 409434

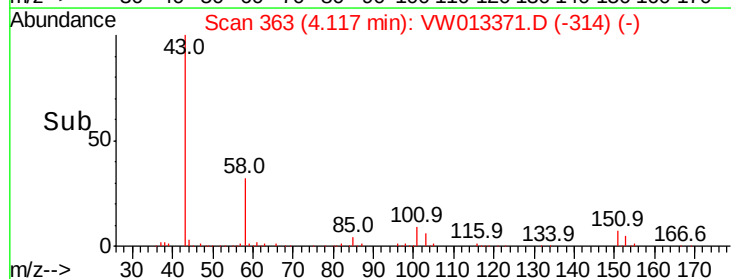
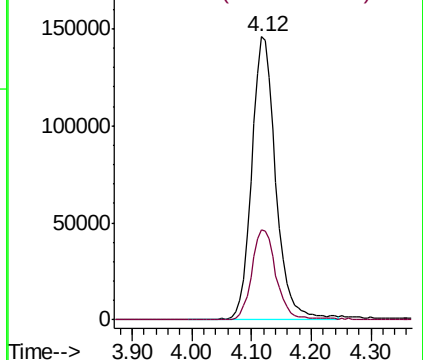
Ion Ratio Lower Upper

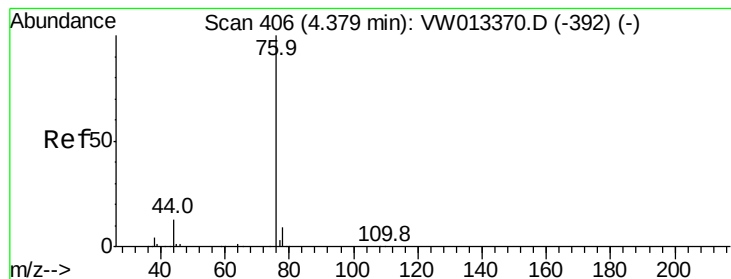
43 100

58 31.5 24.1 36.1



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





#17

Carbon Disulfide

Concen: 96.527 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

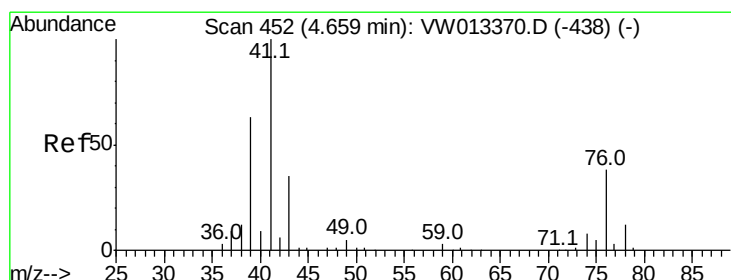
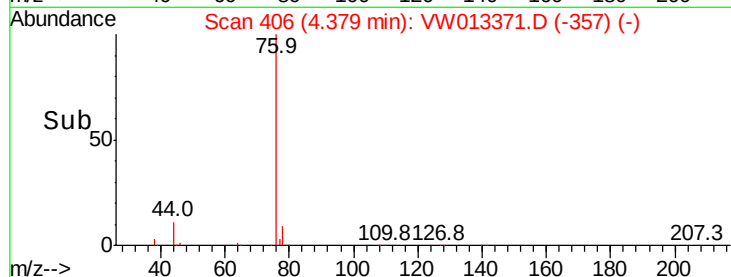
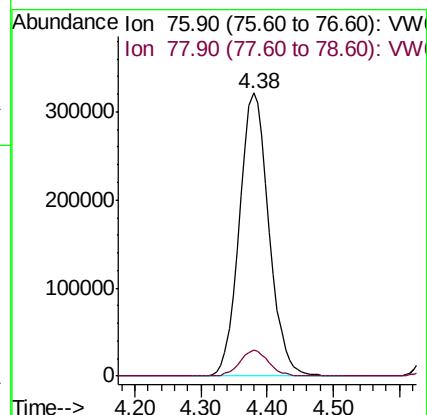
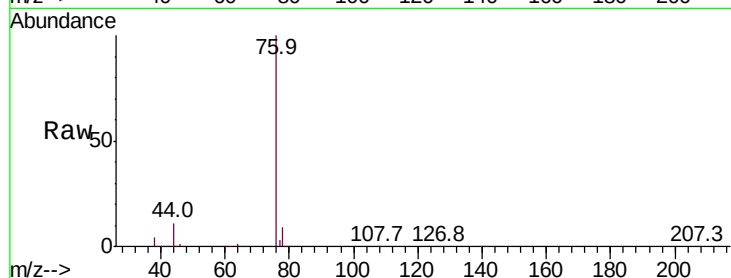
ClientSampleId :

Tot Ion: 76 Resp: 994487

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 93.599 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013371.D

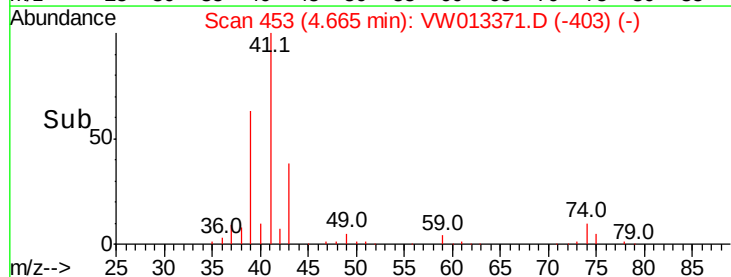
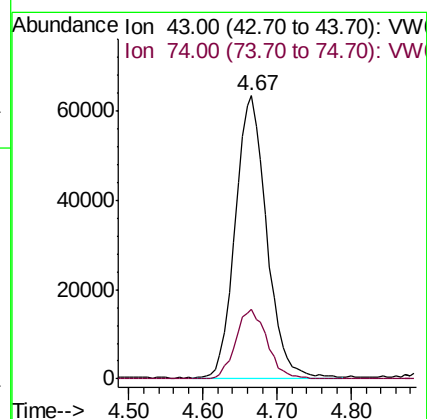
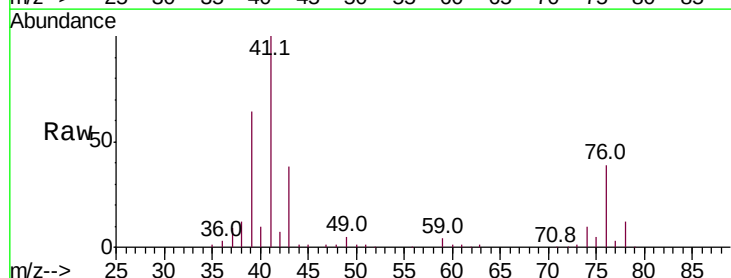
Acq: 01 Oct 2019 14:46

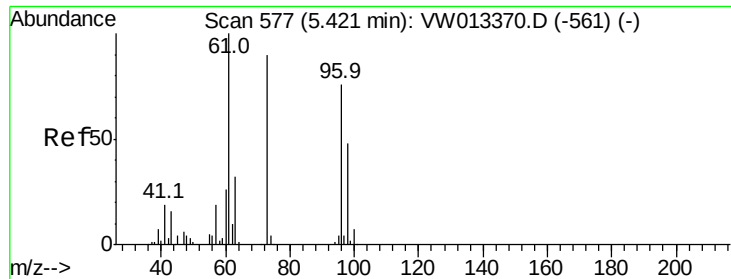
Tgt Ion: 43 Resp: 185739

Ion Ratio Lower Upper

43 100

74 24.9 19.3 28.9

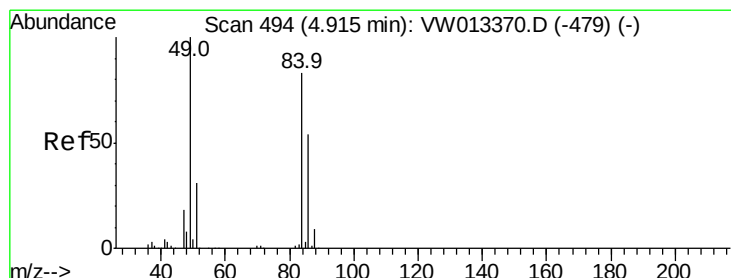
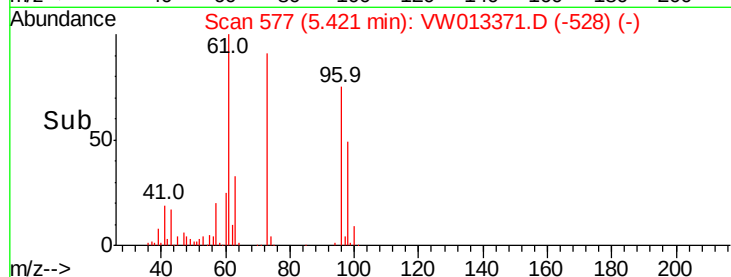
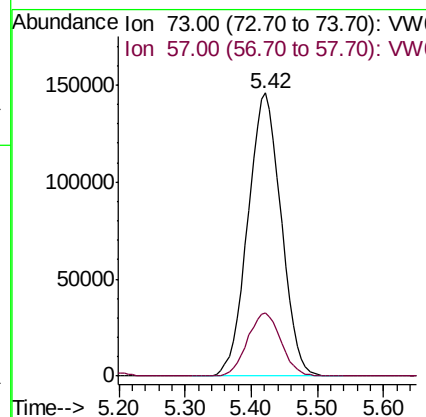
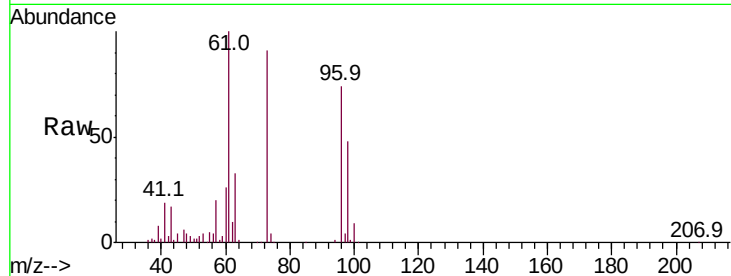




#19
Methyl tert-butyl Ether
Concen: 93.129 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

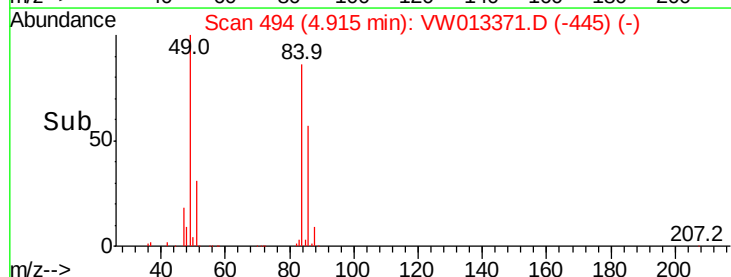
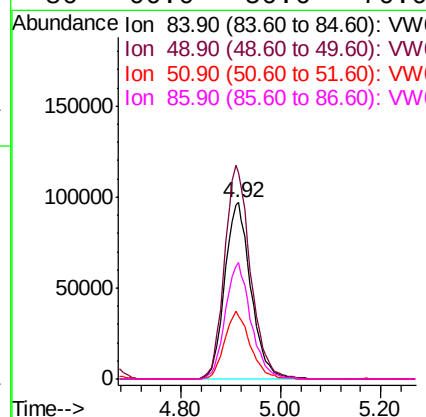
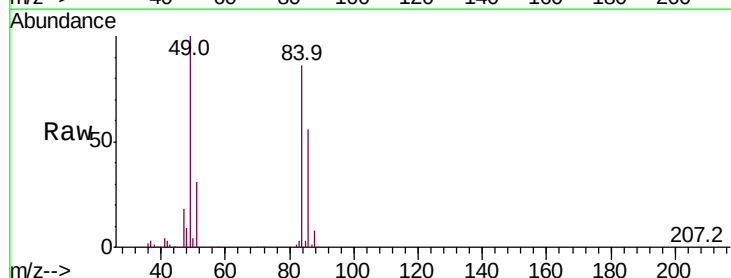
Instrument :
MSVOA_W
ClientSampled :

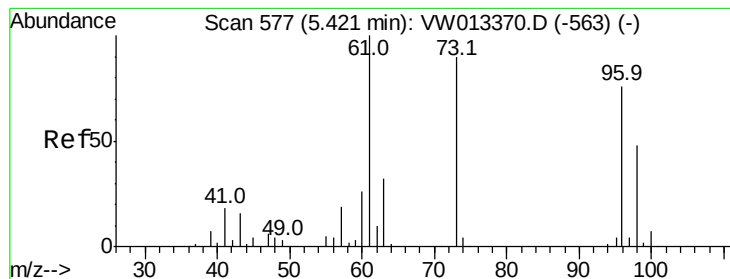
Tot Ion: 73 Resp: 508764
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 88.261 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion: 84 Resp: 353090
Ion Ratio Lower Upper
84 100
49 116.9 97.6 146.4
51 35.7 30.2 45.2
86 66.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 96.187 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

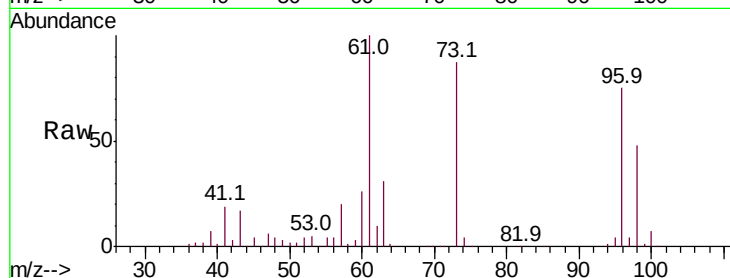
Tot Ion: 96 Resp: 370568

Ion Ratio Lower Upper

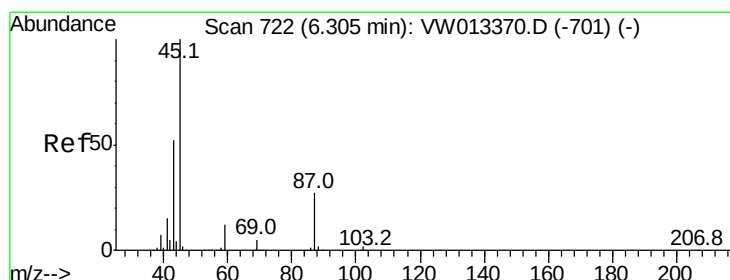
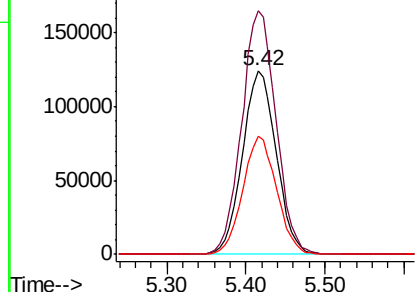
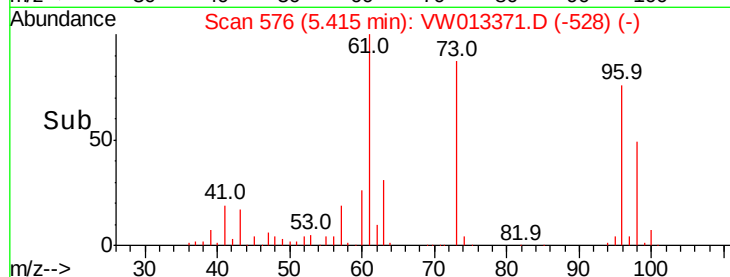
96 100

61 132.5 106.6 159.8

98 64.2 49.8 74.8



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



#22

Diisopropyl ether

Concen: 94.278 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Tgt Ion: 45 Resp: 1017032

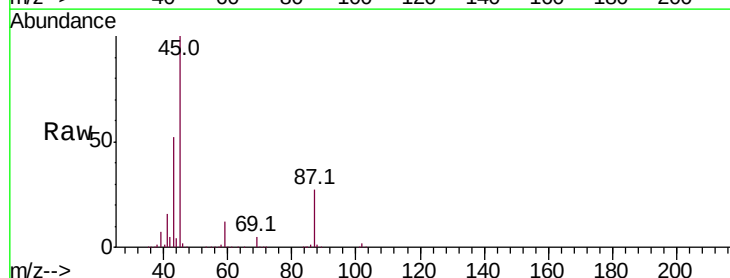
Ion Ratio Lower Upper

45 100

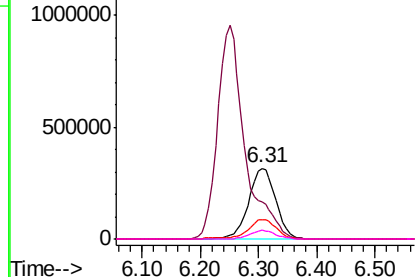
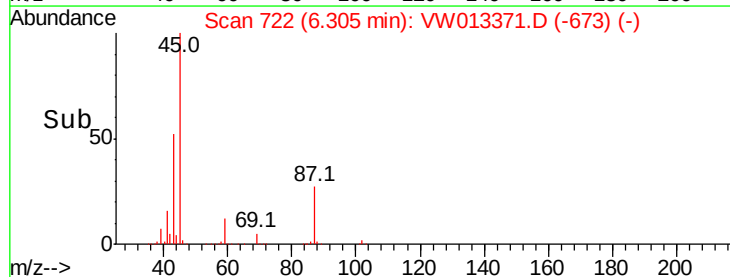
43 52.0 42.4 63.6

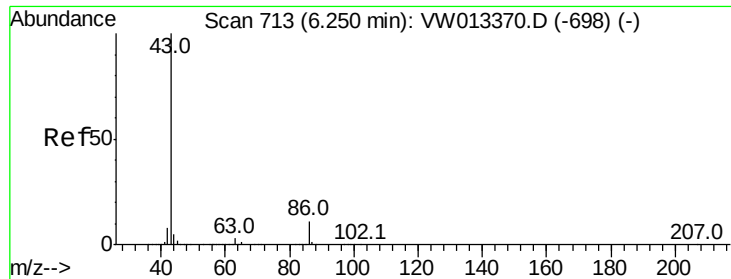
87 27.3 20.4 30.6

59 11.9 8.8 13.2



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





#23

Vinyl Acetate

Concen: 483.590 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

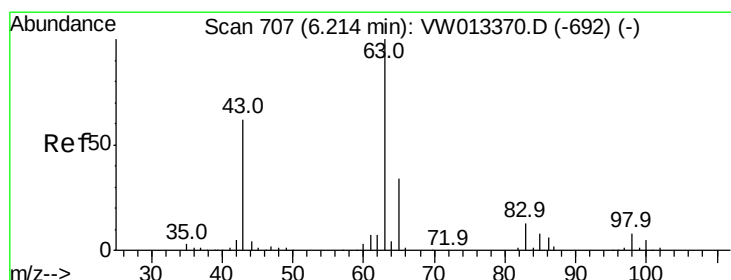
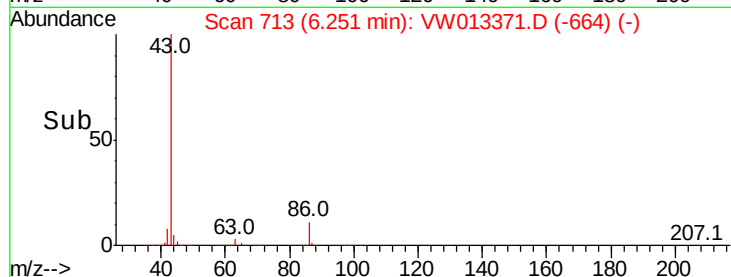
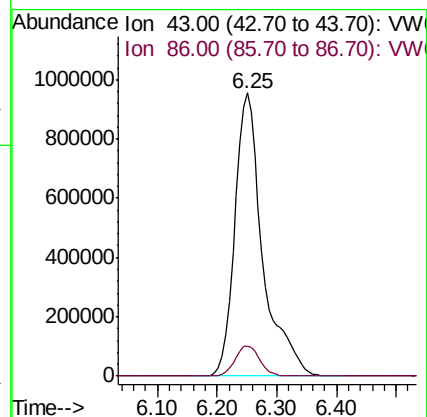
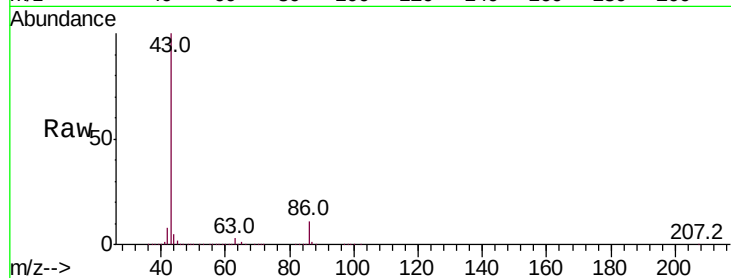
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3094857

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 94.096 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

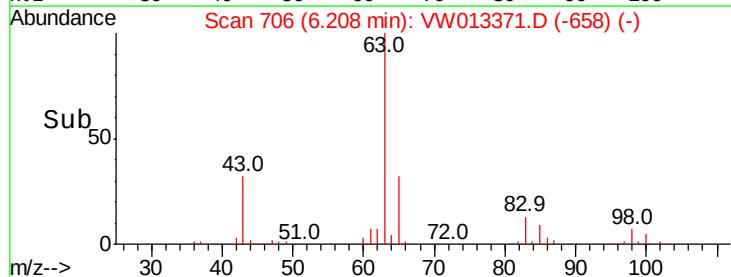
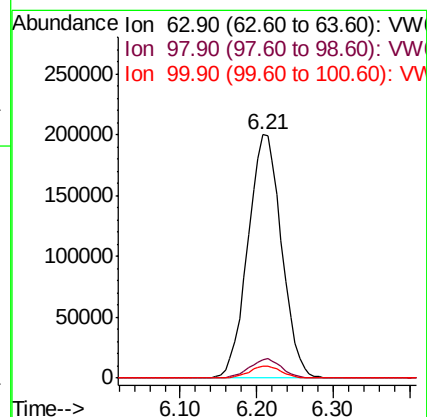
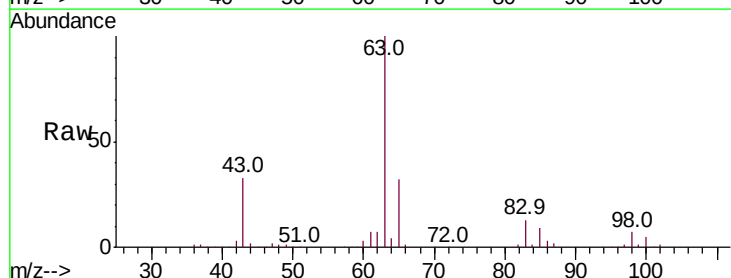
Tgt Ion: 63 Resp: 612520

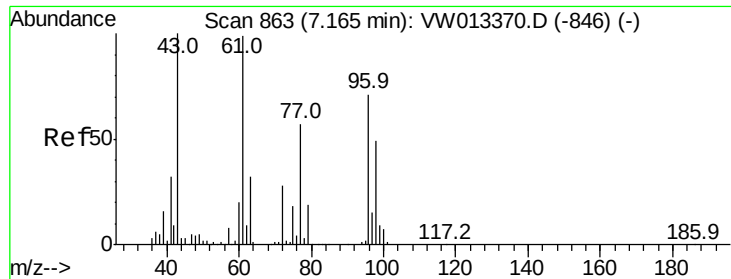
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 507.697 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

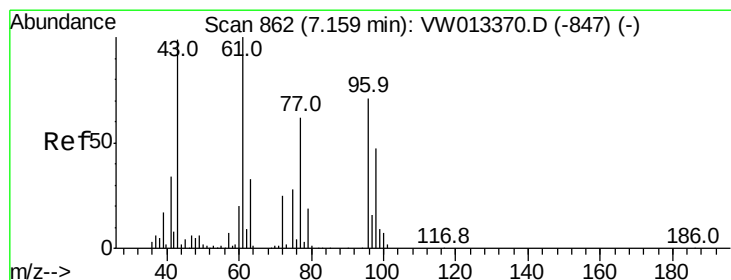
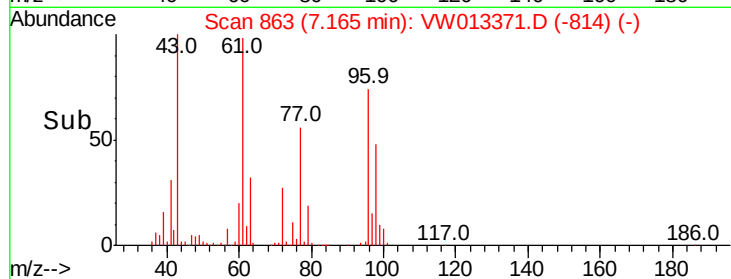
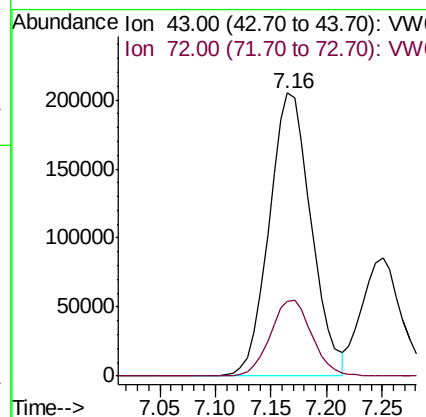
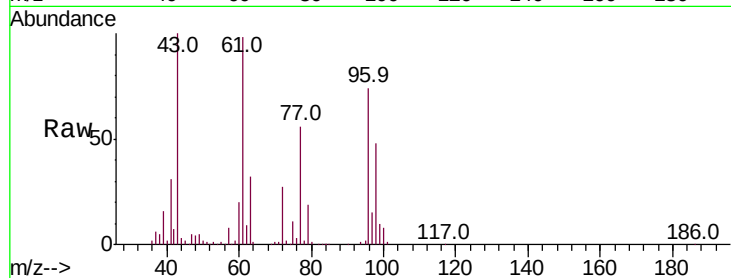
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 538028

Ion Ratio Lower Upper

43 100

72 26.6 19.4 29.0



#26

2,2-Dichloropropane

Concen: 79.906 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013371.D

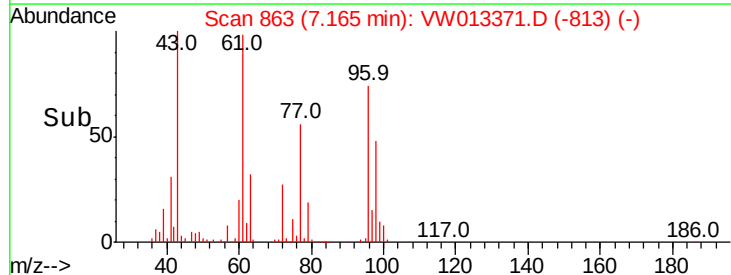
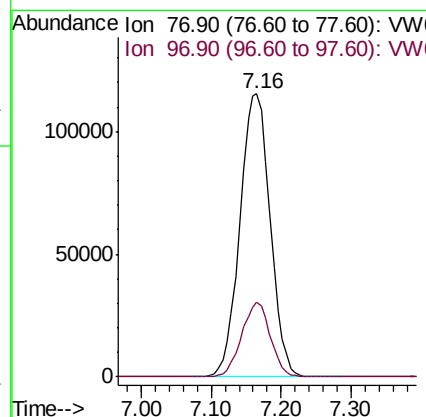
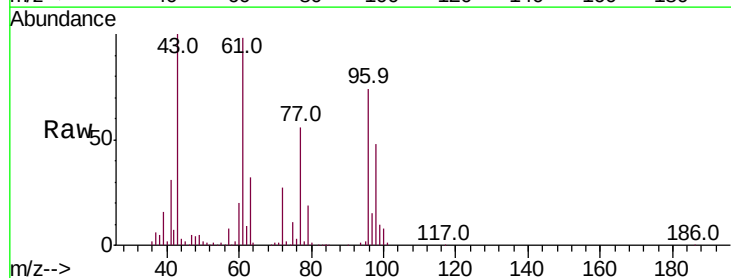
Acq: 01 Oct 2019 14:46

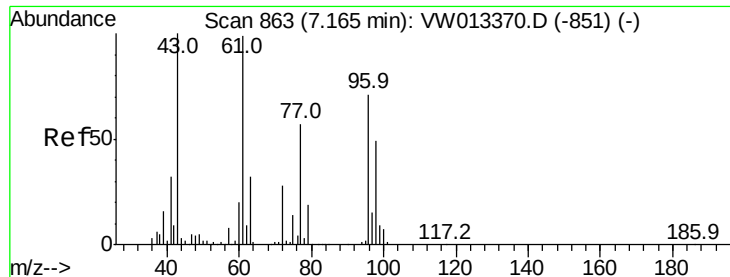
Tgt Ion: 77 Resp: 345402

Ion Ratio Lower Upper

77 100

97 25.1 11.8 35.4



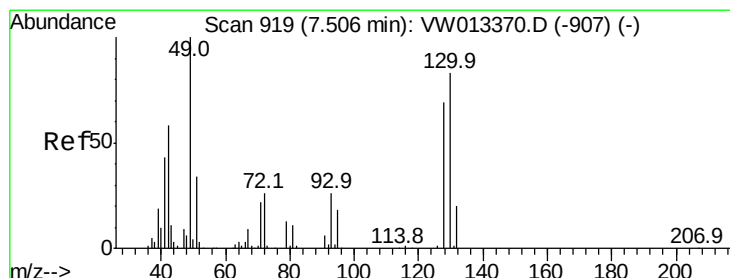
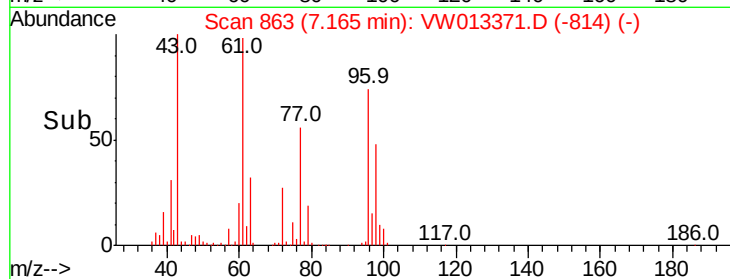
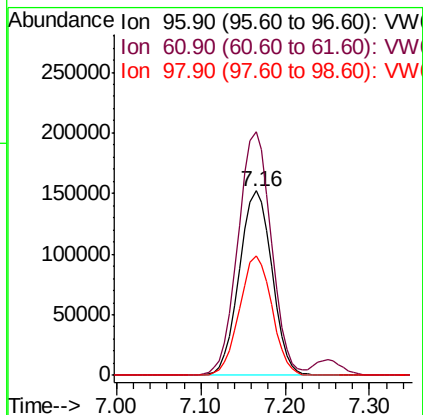
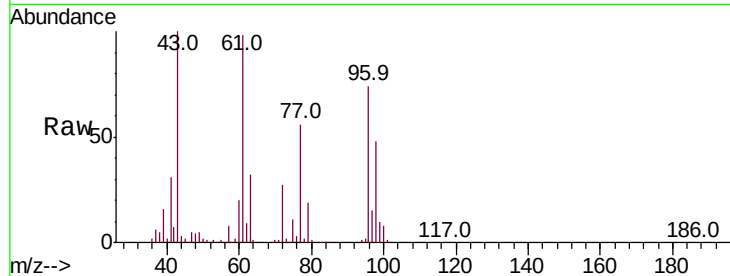


#27

cis-1,2-Dichloroethene
Concen: 98.536 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampled :

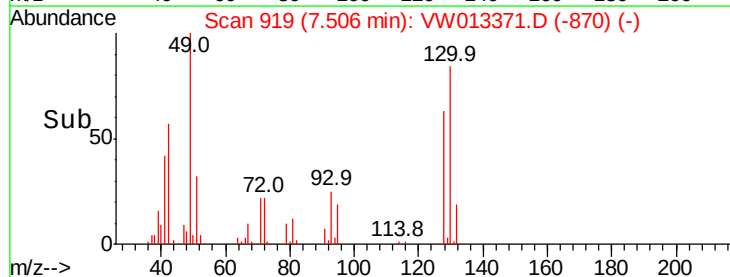
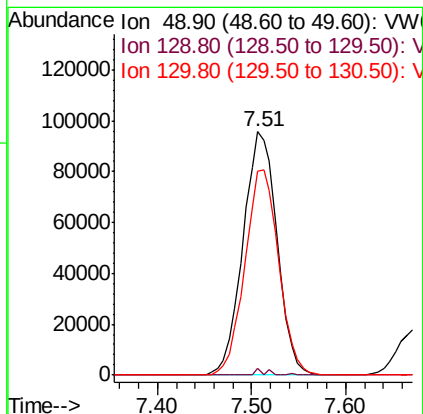
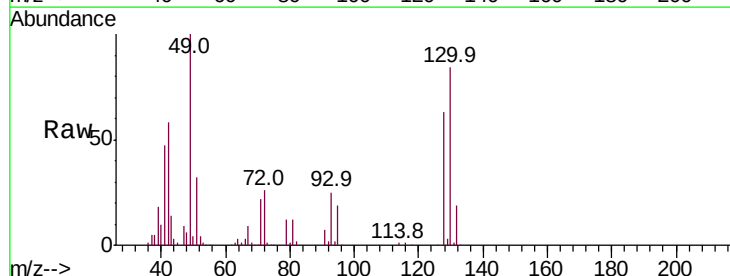
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	282.4
98	64.0	0.0	128.2

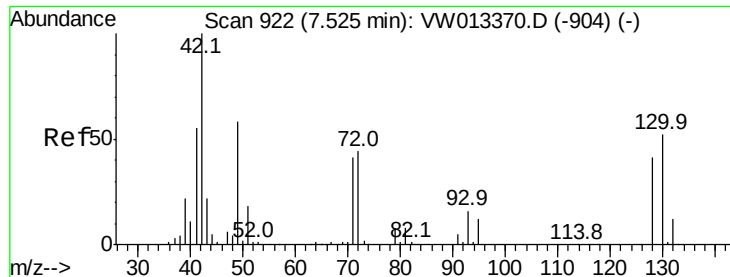


#28

Bromochloromethane
Concen: 96.355 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	83.9	63.4	95.2

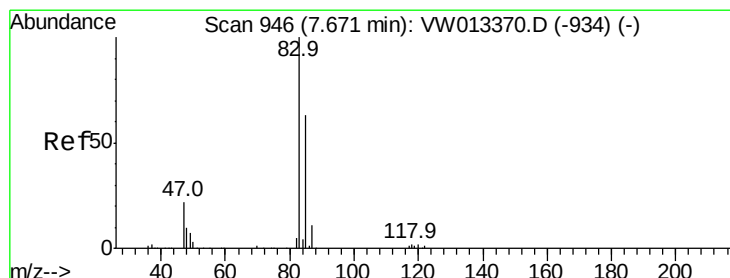
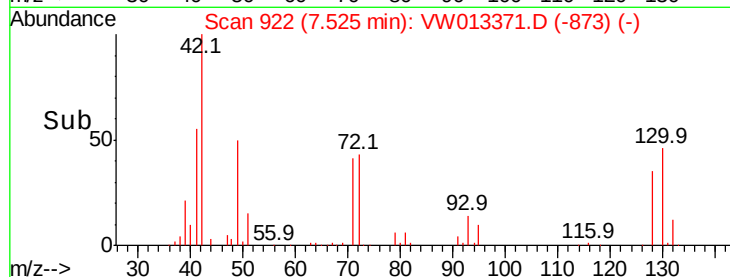
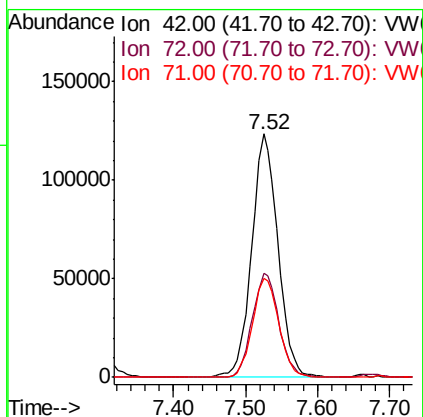
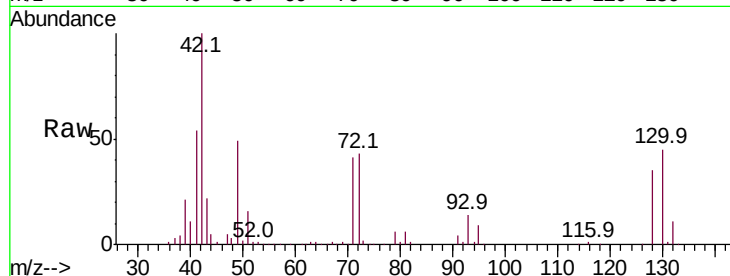




#29
Tetrahydrofuran
Concen: 480.715 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

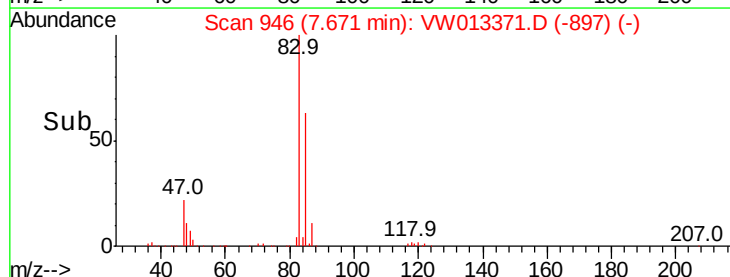
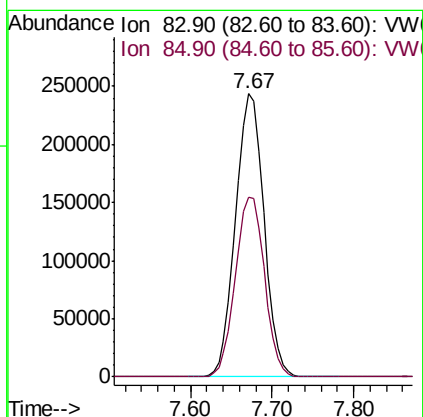
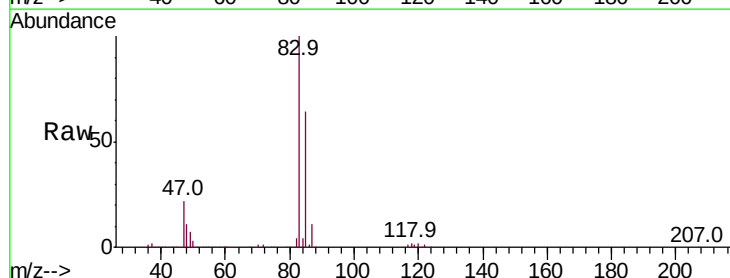
Instrument :
MSVOA_W
ClientSampled :

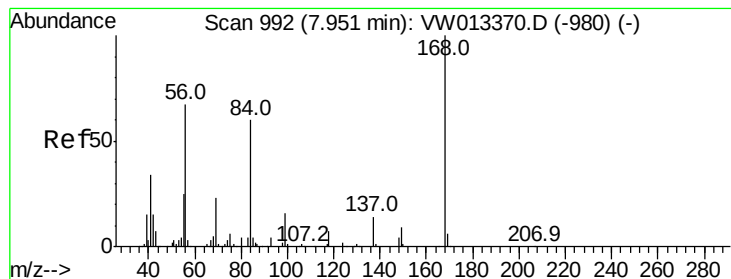
Tot Ion: 42 Resp: 312419
Ion Ratio Lower Upper
42 100
72 43.4 33.9 50.9
71 41.1 31.9 47.9



#30
Chloroform
Concen: 92.436 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion: 83 Resp: 589108
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5





#31

Cyclohexane

Concen: 90.963 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

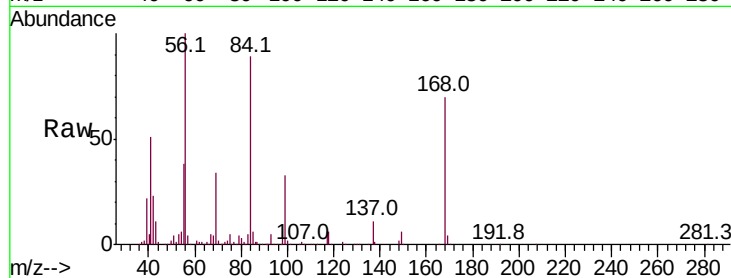
Tot Ion: 56 Resp: 617234

Ion Ratio Lower Upper

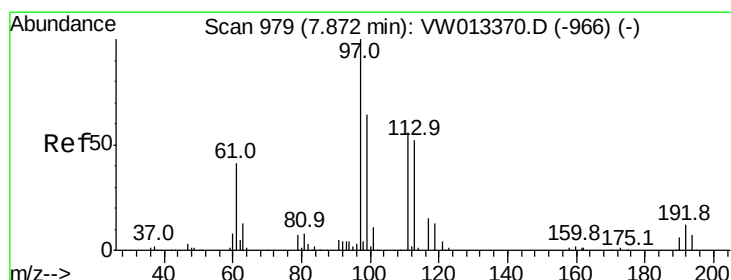
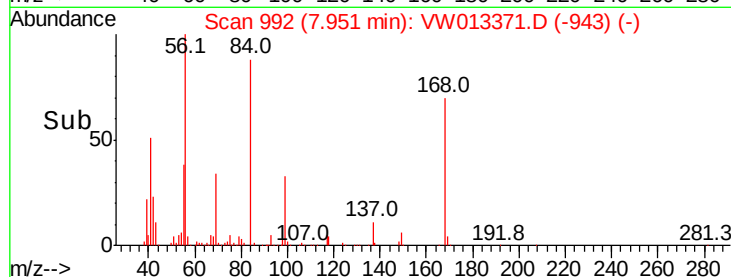
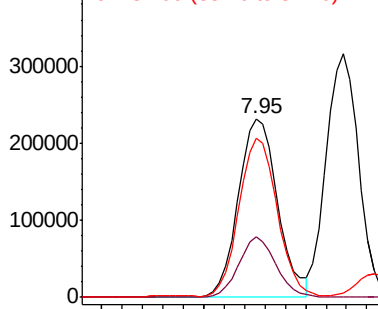
56 100

69 33.8 27.2 40.8

84 88.6 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 91.510 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

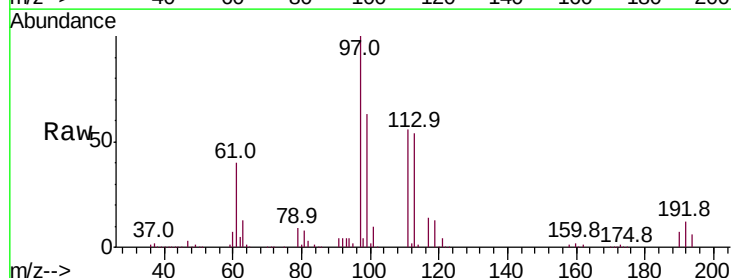
Tgt Ion: 97 Resp: 472348

Ion Ratio Lower Upper

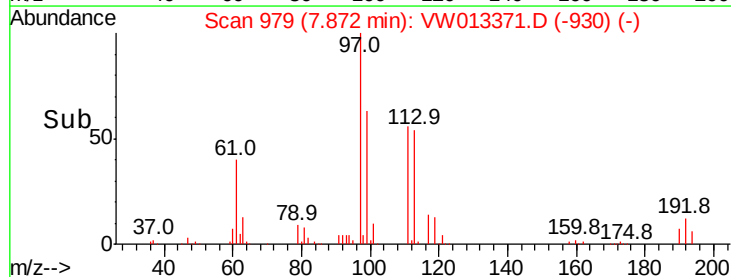
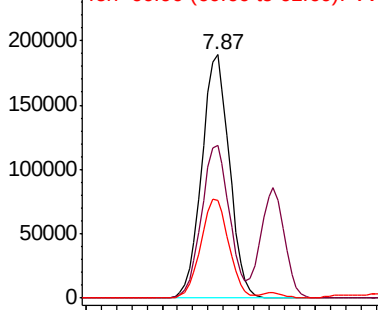
97 100

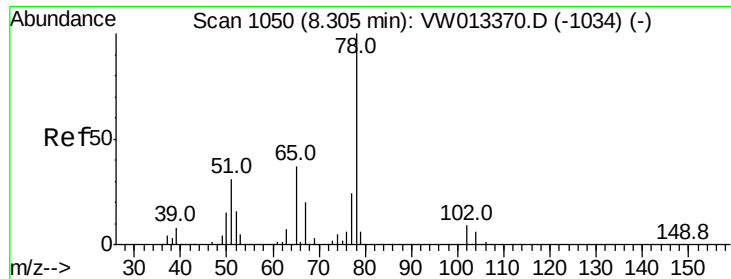
99 63.6 51.7 77.5

61 41.5 34.6 51.8



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





#33

1,2-Dichloroethane-d4

Concen: 91.645 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

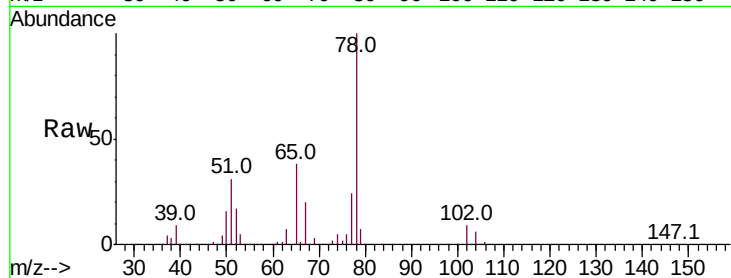
ClientSampleId :

Tot Ion: 65 Resp: 286889

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

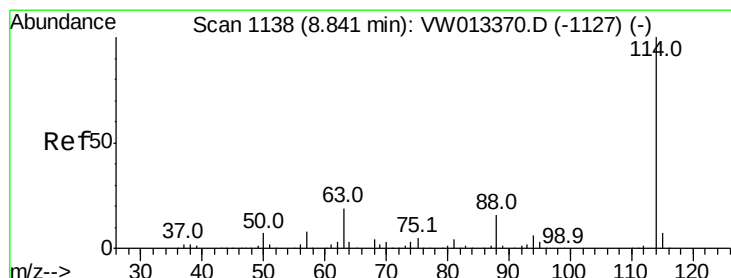
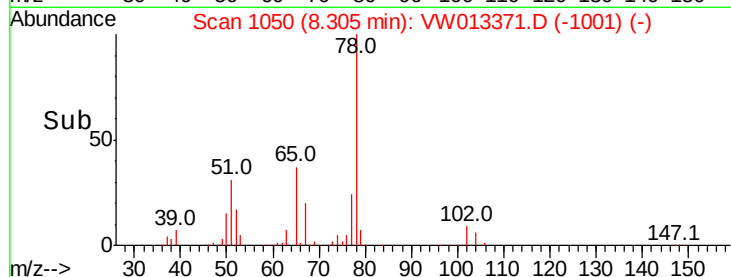
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

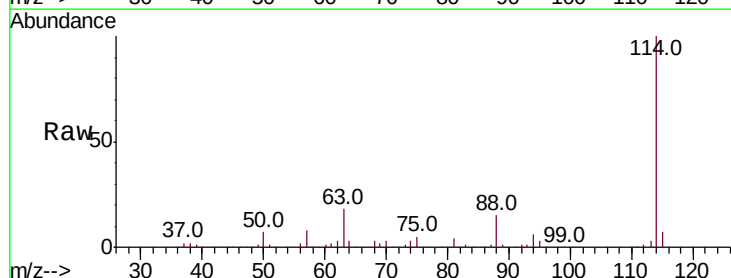
Tgt Ion:114 Resp: 552441

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.4

88 14.6 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

300000

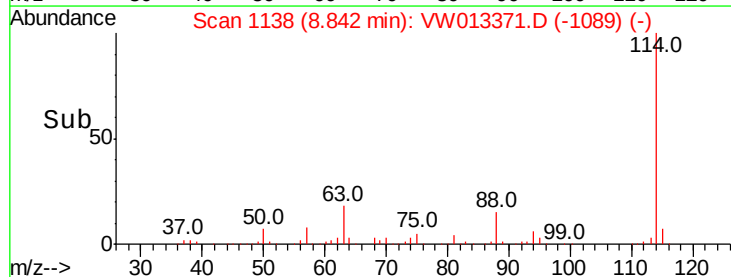
200000

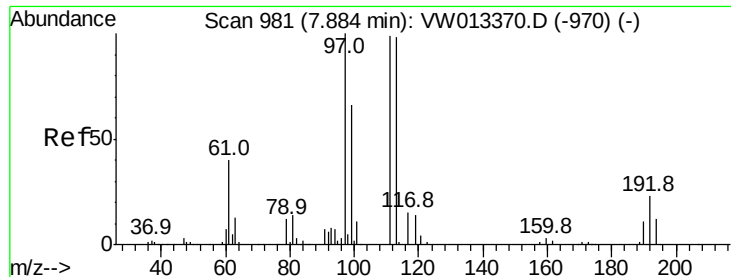
100000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 96.936 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

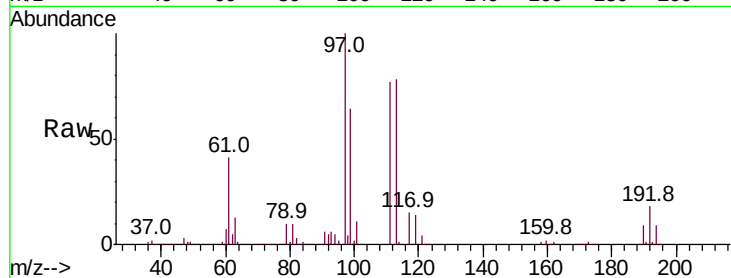
Tot Ion:113 Resp: 294532

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

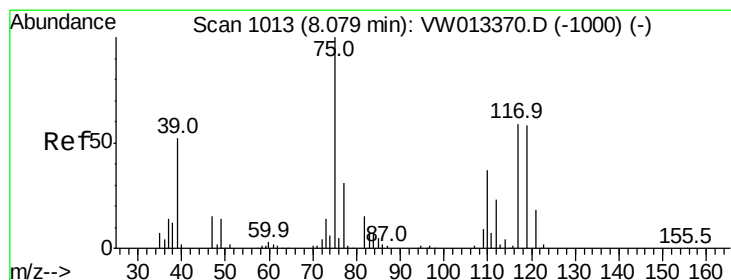
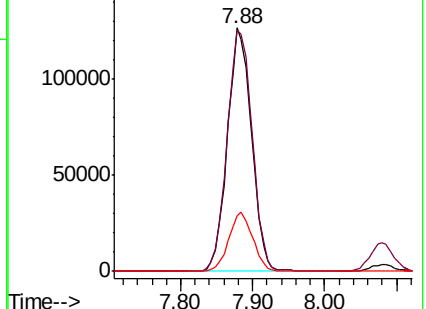
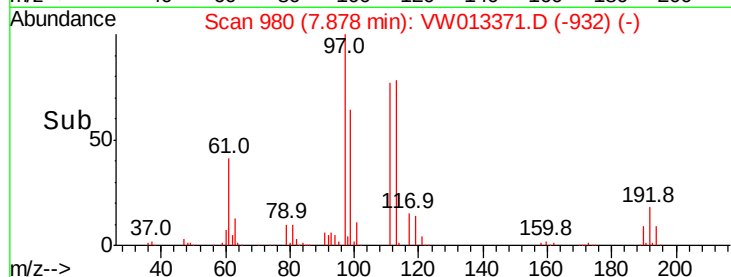
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 93.847 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

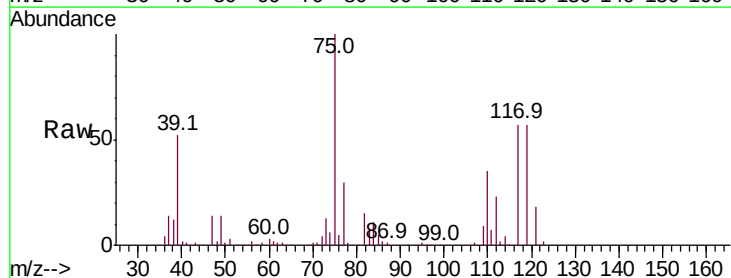
Tgt Ion: 75 Resp: 502152

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.3

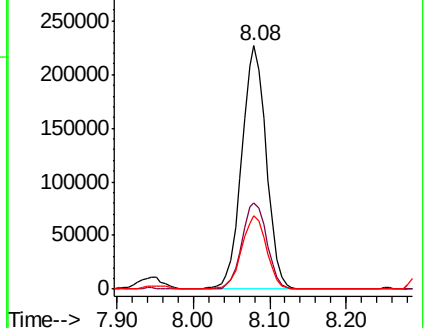
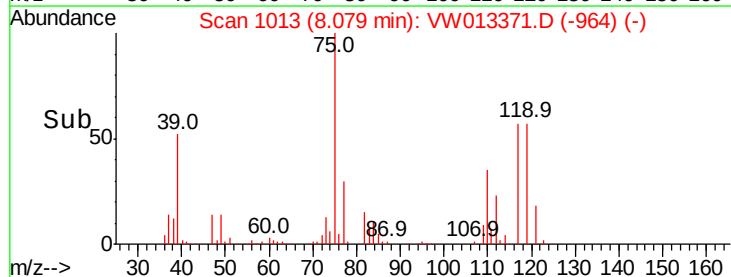
77 30.9 25.8 38.6

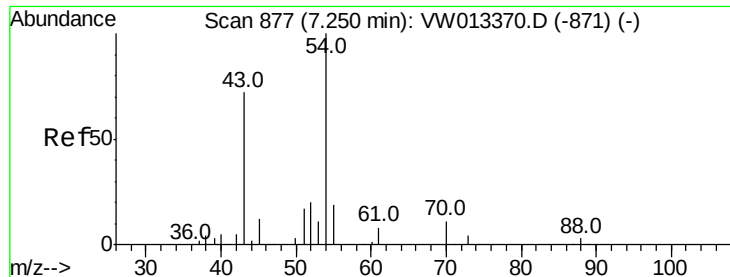


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

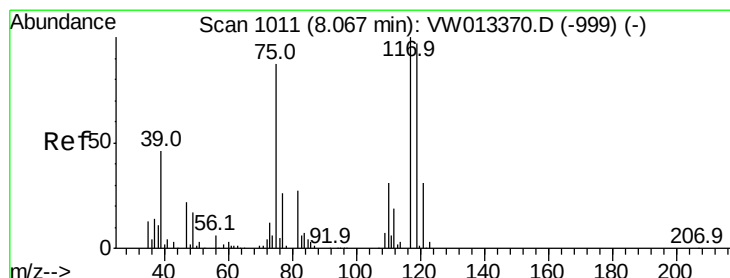
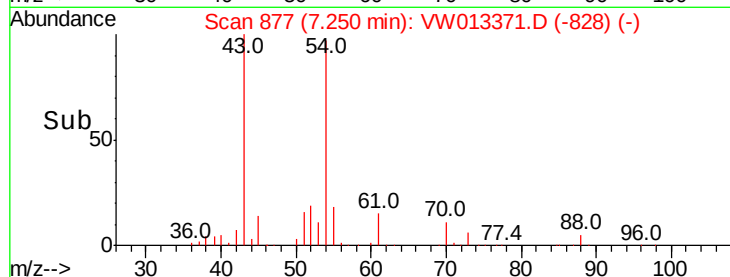
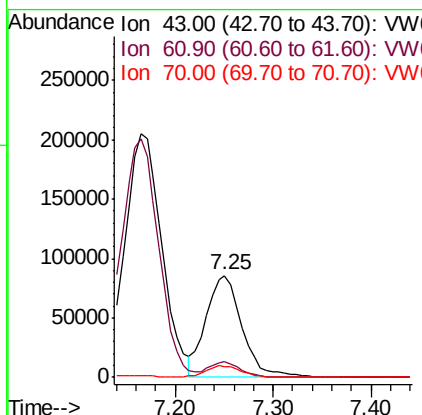
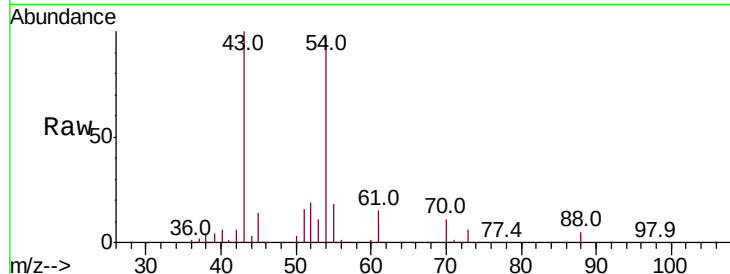




#37
Ethyl Acetate
Concen: 94.924 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

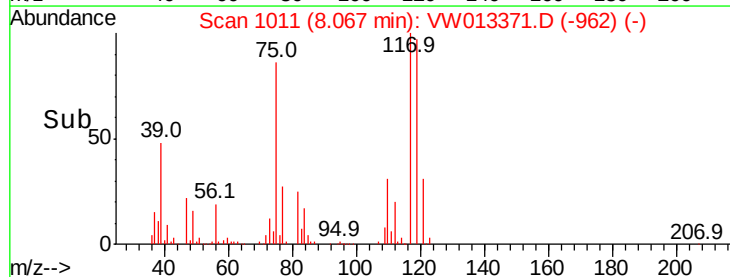
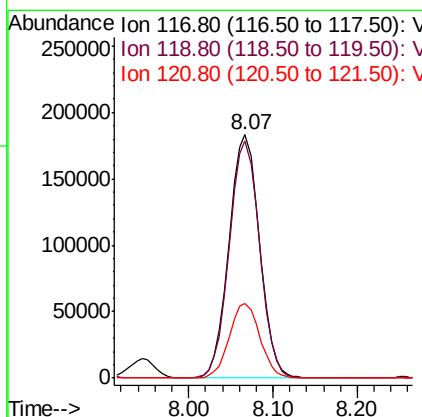
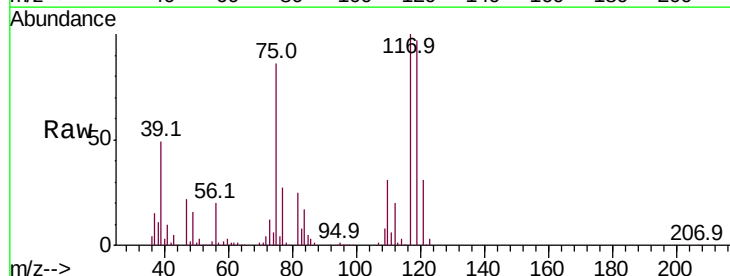
Instrument :
MSVOA_W
ClientSampled :

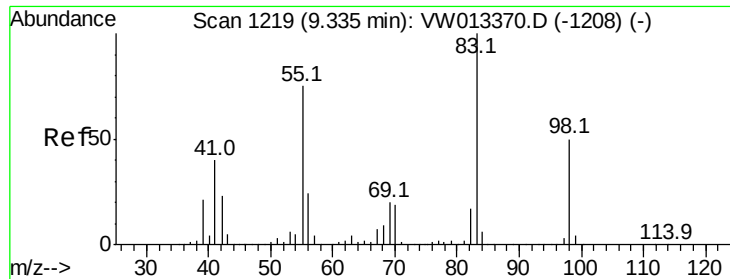
Tot Ion: 43 Resp: 215866
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 11.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 93.261 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion: 117 Resp: 447338
Ion Ratio Lower Upper
117 100
119 97.2 73.5 110.3
121 30.7 25.0 37.6

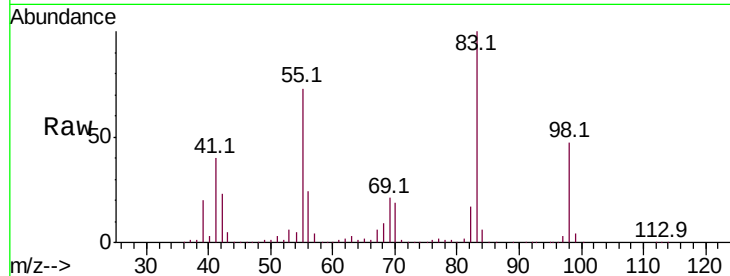




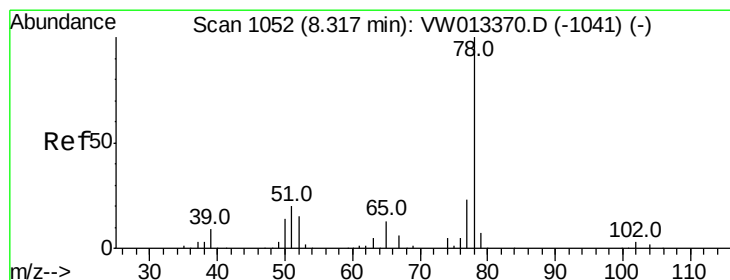
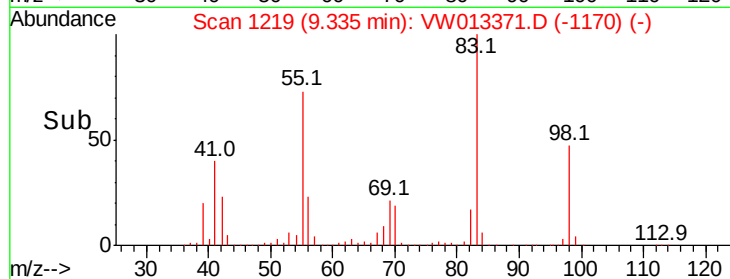
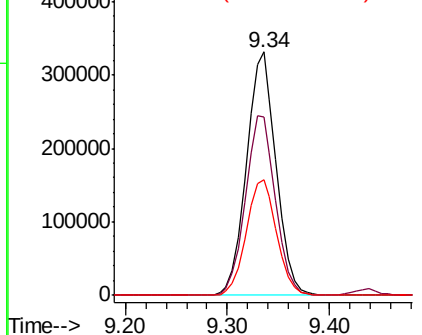
#39
Methylvlcyclohexane
Concen: 96.821 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 665775
Ion Ratio Lower Upper
83 100
55 73.1 60.4 90.6
98 47.4 40.0 60.0

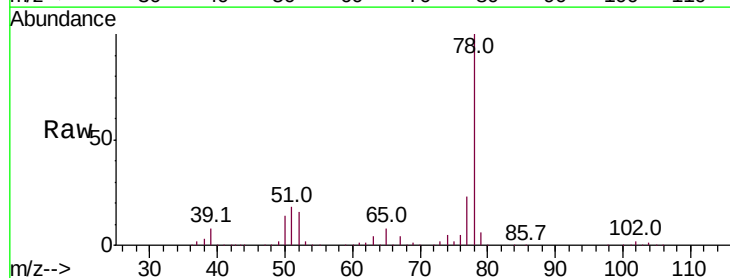


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

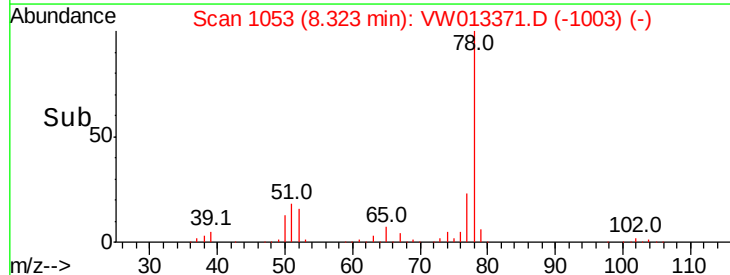
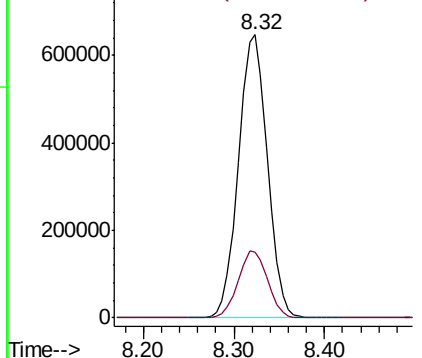


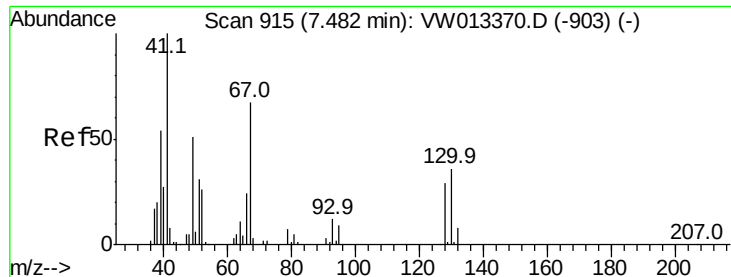
#40
Benzene
Concen: 95.881 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion: 78 Resp: 1431012
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7



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





#41

Methacrylonitrile

Concen: 99.666 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

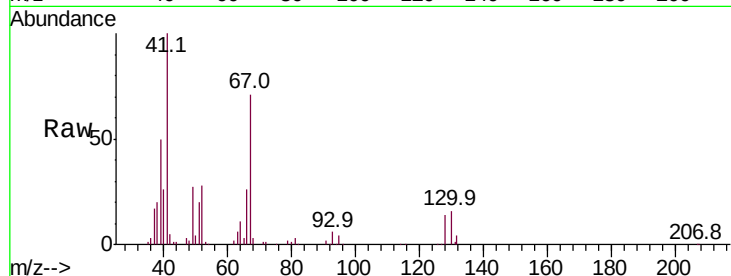
Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 135272

Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.9	68.9
67	68.8	54.5	81.7
52	27.7	22.5	33.7



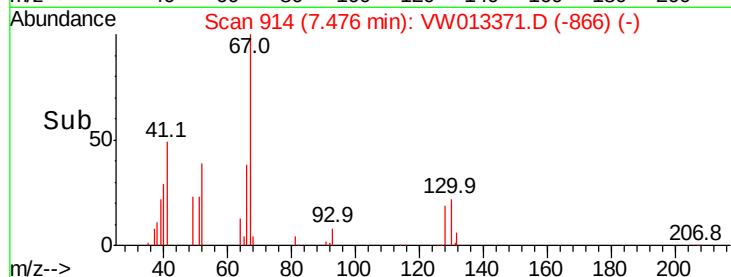
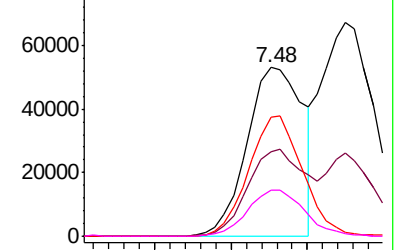
Abundance

Ion 41.00 (40.70 to 41.70): VW

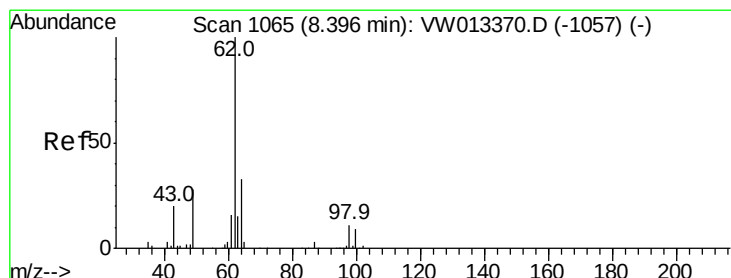
Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



Time-->



#42

1,2-Dichloroethane

Concen: 92.038 ug/l

RT: 8.40 min Scan# 1065

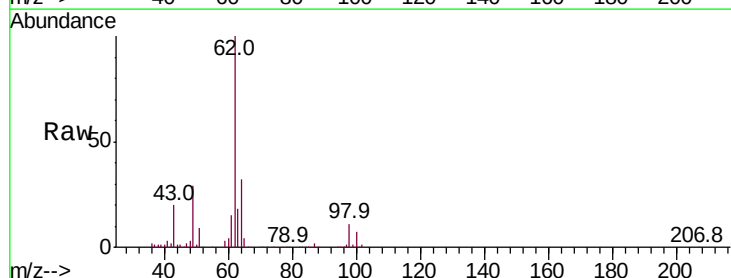
Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Tgt Ion: 62 Resp: 369267

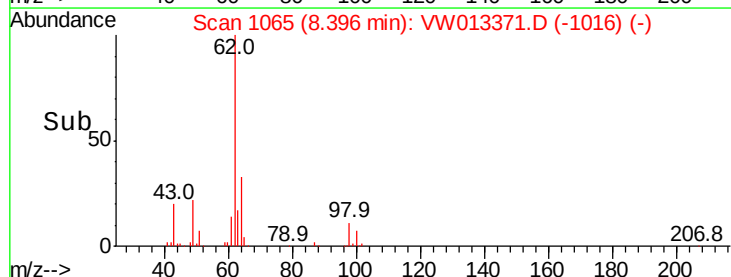
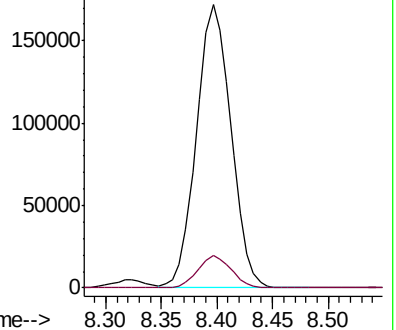
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6

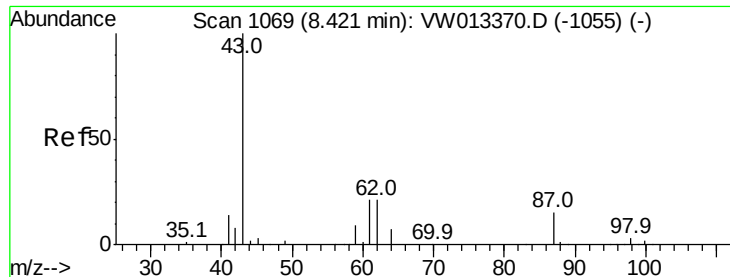


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 95.595 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

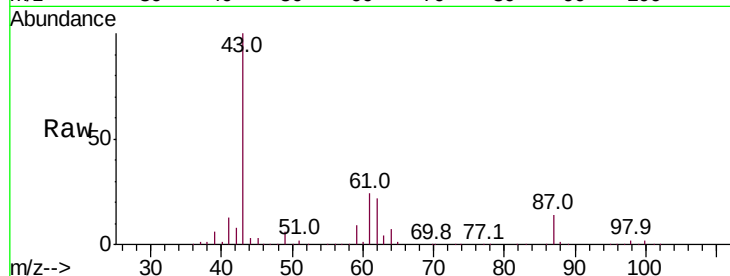
Tot Ion: 43 Resp: 416649

Ion Ratio Lower Upper

43 100

61 31.1 25.5 38.3

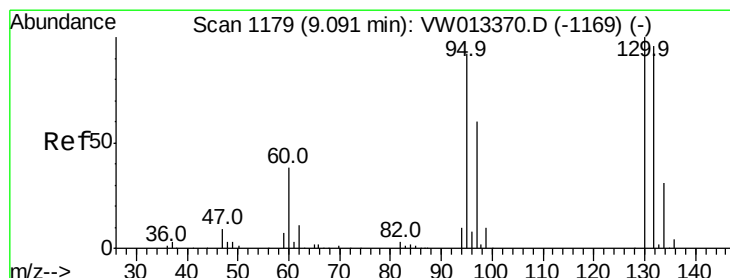
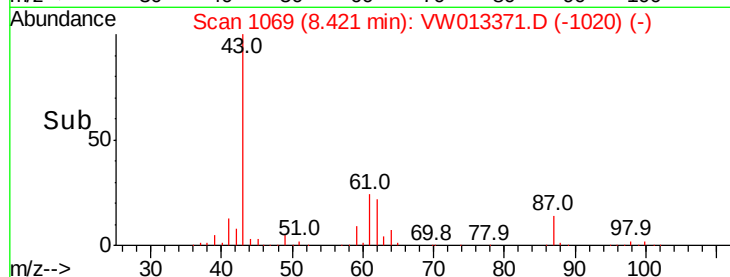
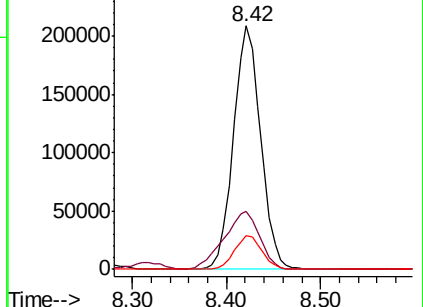
87 14.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 97.414 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013371.D

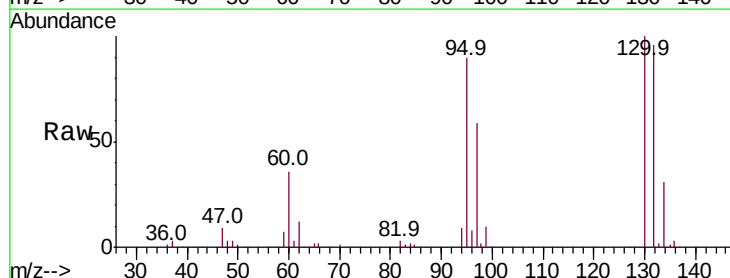
Acq: 01 Oct 2019 14:46

Tgt Ion:130 Resp: 407919

Ion Ratio Lower Upper

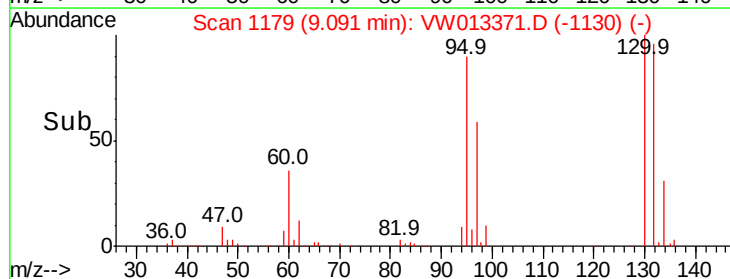
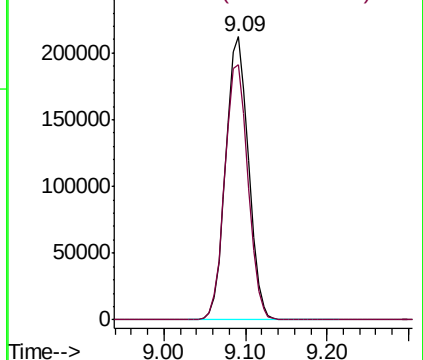
130 100

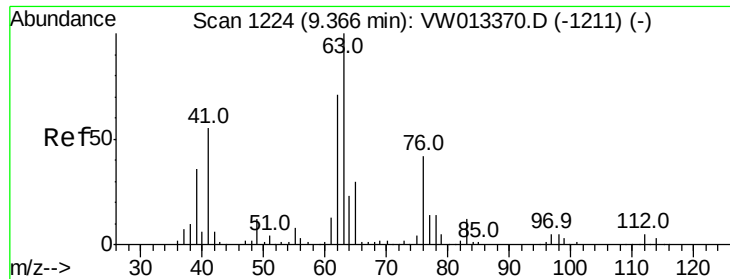
95 90.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

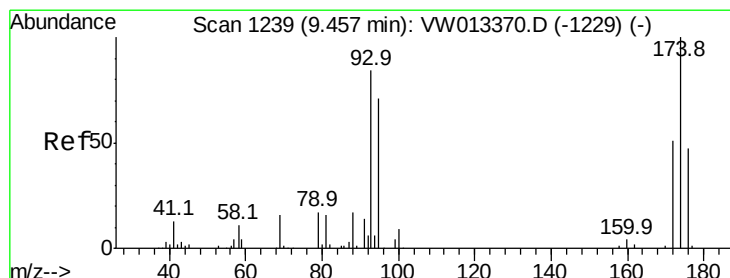
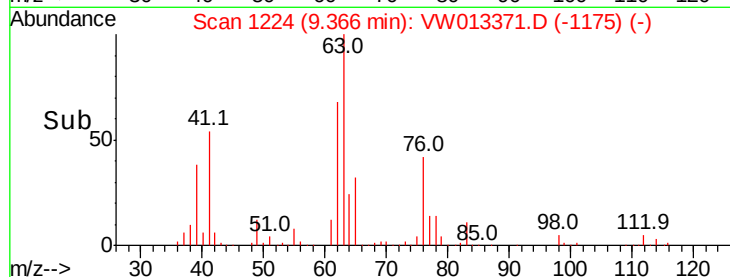
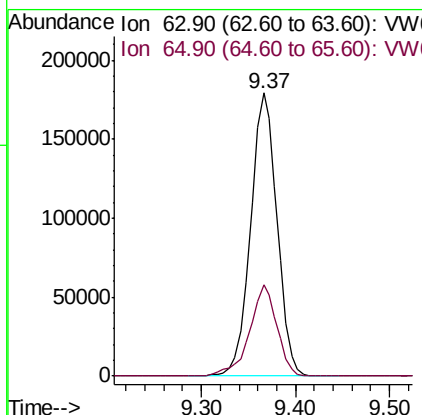
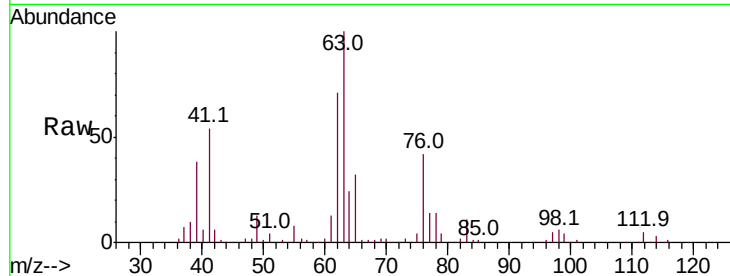




#45
 1,2-Dichloropropane
 Concen: 96.933 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

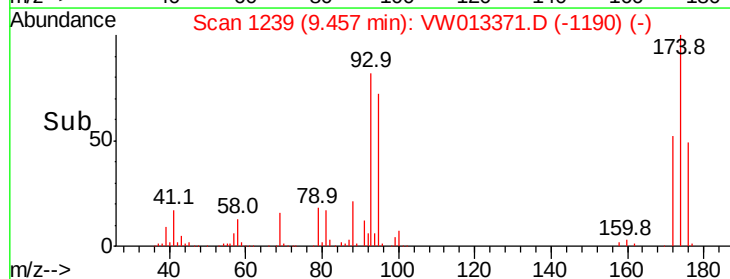
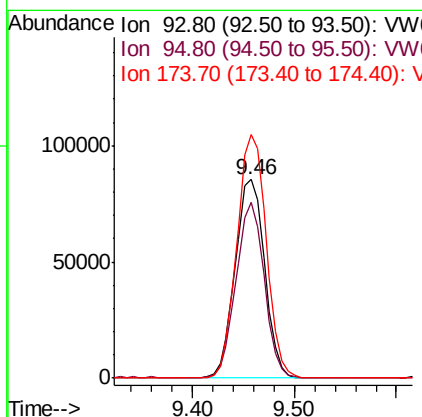
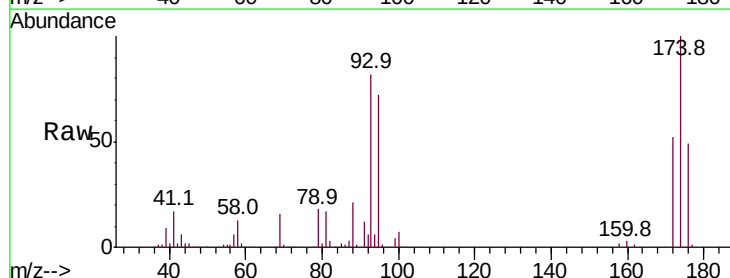
Instrument :
 MSVOA_W
 ClientSampled :

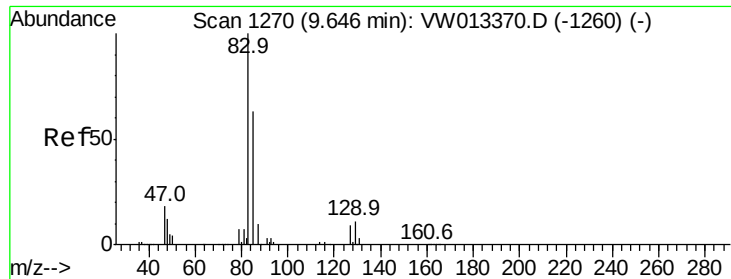
Tot Ion: 63 Resp: 353203
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.3 37.9



#46
 Dibromomethane
 Concen: 96.790 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion: 93 Resp: 171227
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.4 99.6
 174 122.2 93.0 139.6





#47

Bromodichloromethane

Concen: 98.560 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

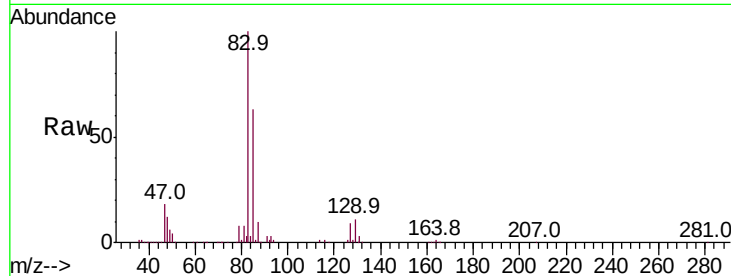
Tot Ion: 83 Resp: 443661

Ion Ratio Lower Upper

83 100

85 62.7 49.4 74.2

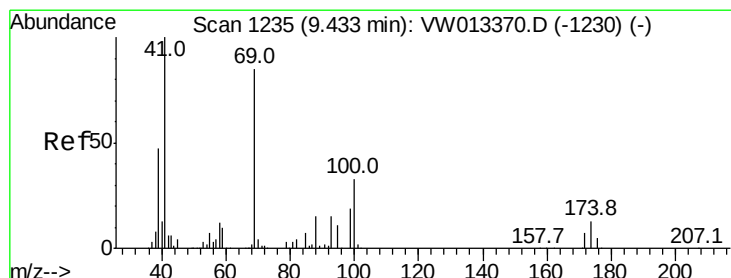
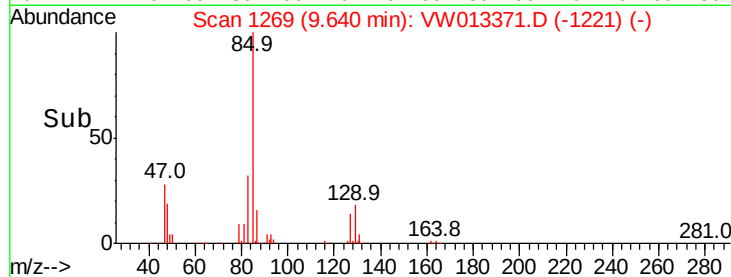
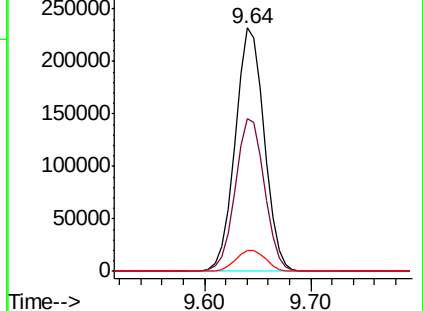
127 8.8 6.5 9.7



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: 103.911 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

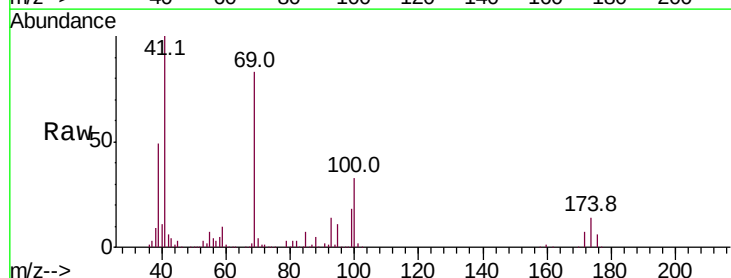
Tgt Ion: 41 Resp: 212962

Ion Ratio Lower Upper

41 100

69 84.0 69.7 104.5

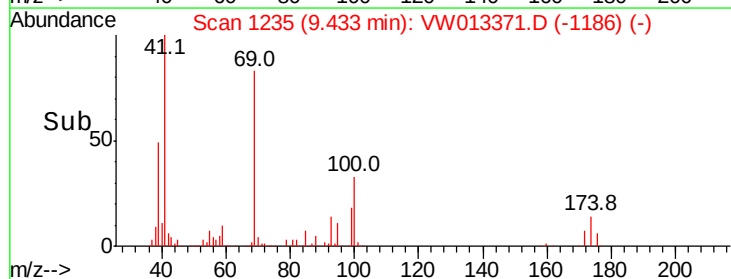
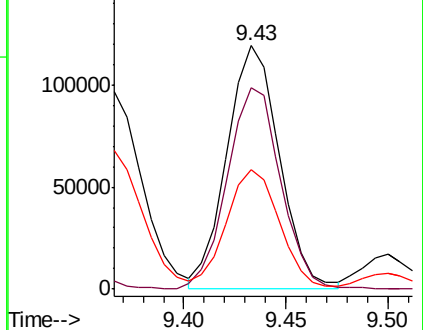
39 47.4 41.1 61.7

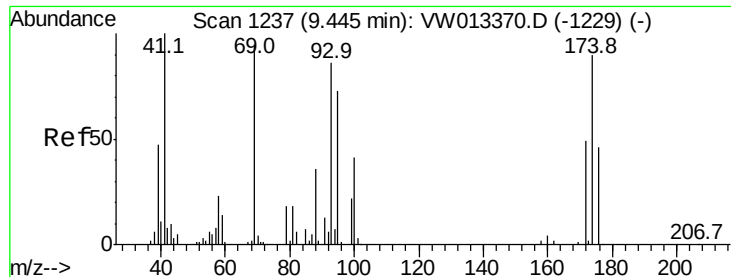


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1855.077 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

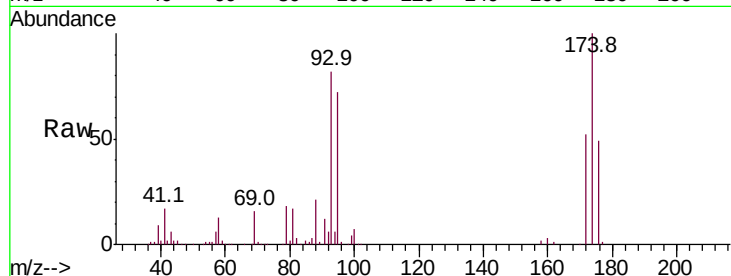
Tot Ion: 88 Resp: 49261

Ion Ratio Lower Upper

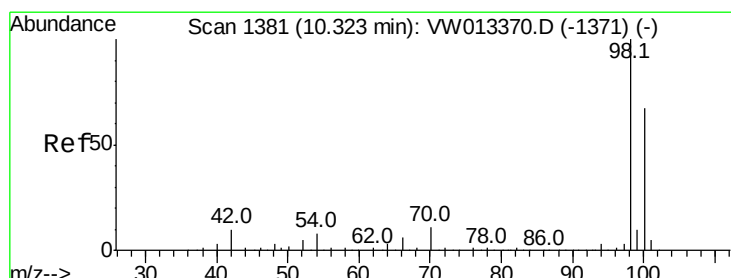
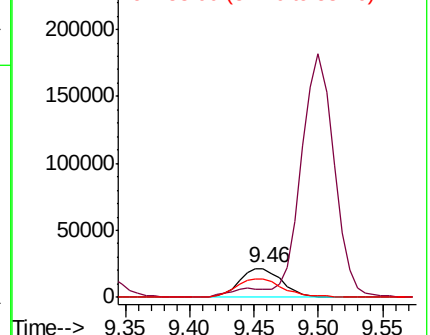
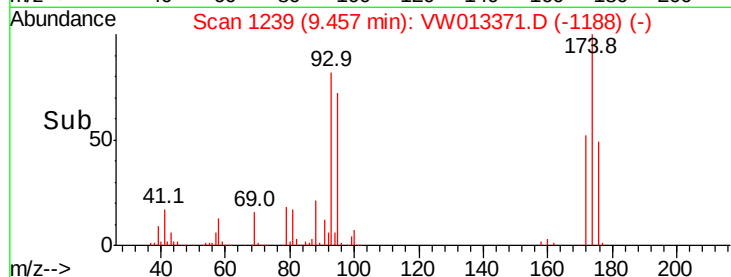
88 100

43 24.0 0.0 0.0#

58 72.4 65.4 98.0



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: 96.195 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013371.D

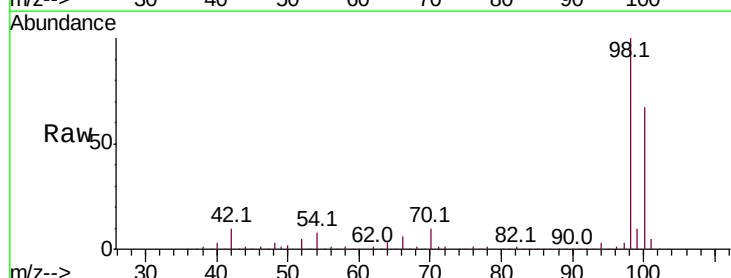
Acq: 01 Oct 2019 14:46

Tgt Ion: 98 Resp: 1223229

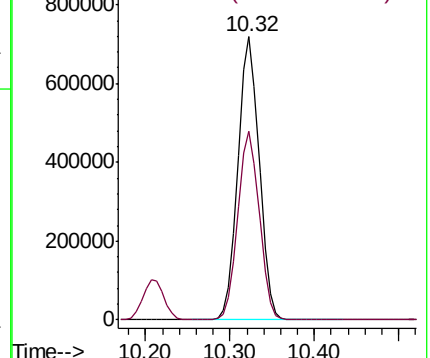
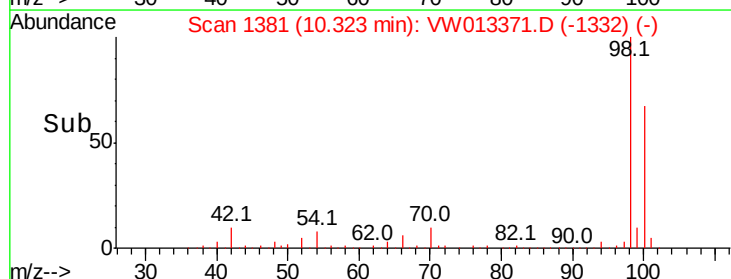
Ion Ratio Lower Upper

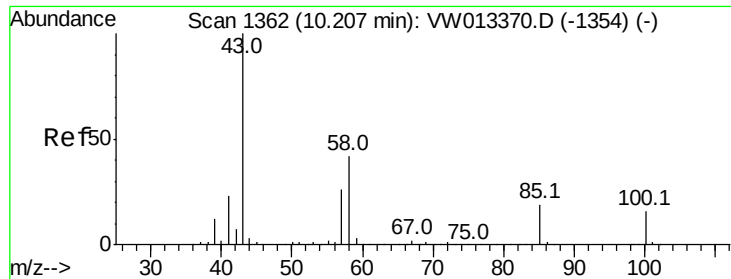
98 100

100 67.1 52.9 79.3



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: 478.292 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

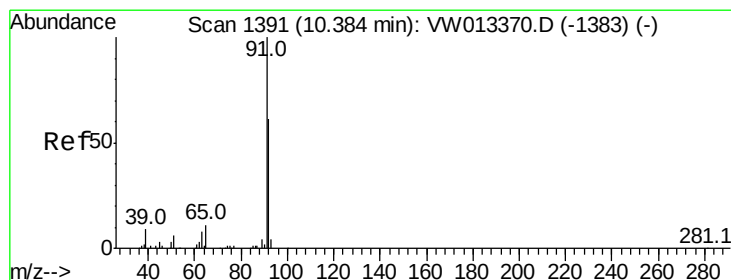
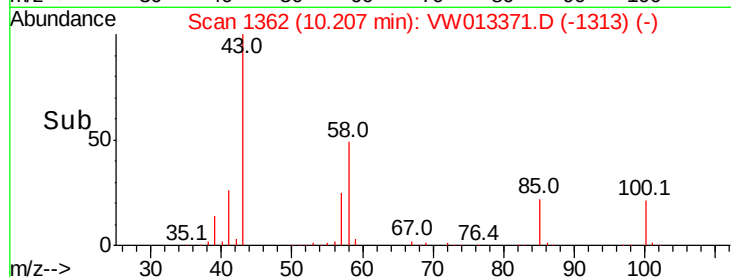
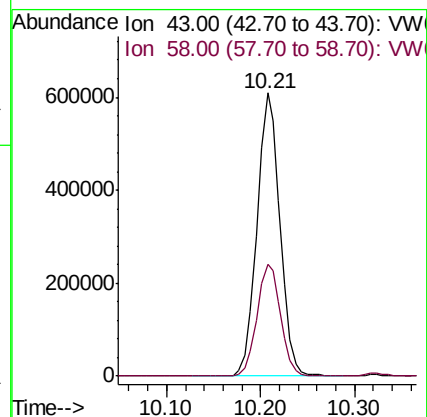
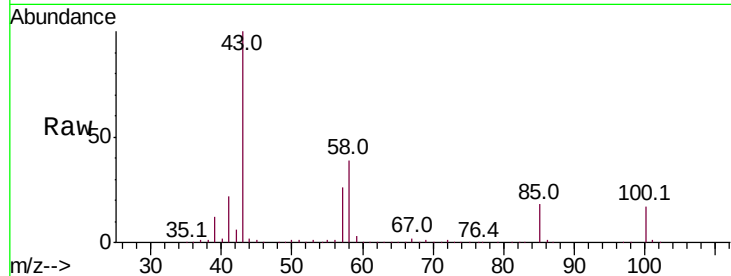
ClientSampled :

Tot Ion: 43 Resp: 1045071

Ion Ratio Lower Upper

43 100

58 40.7 31.7 47.5



#52

Toluene

Concen: 97.715 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013371.D

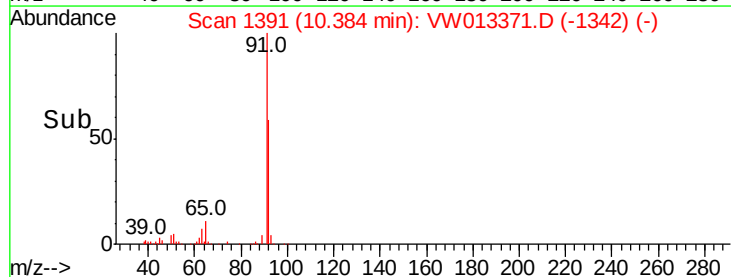
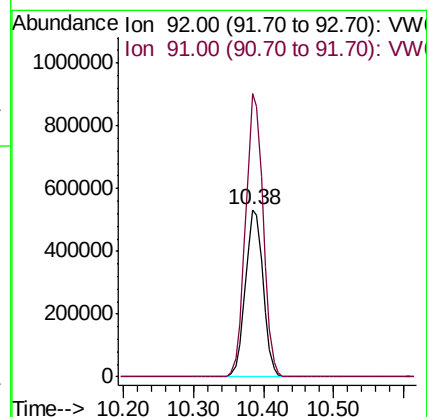
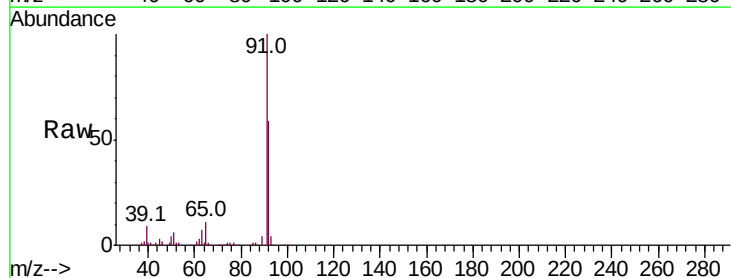
Acq: 01 Oct 2019 14:46

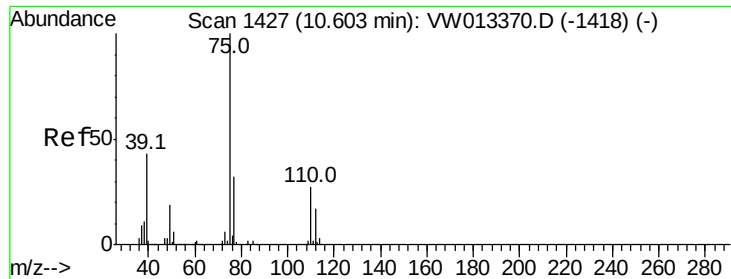
Tgt Ion: 92 Resp: 934671

Ion Ratio Lower Upper

92 100

91 168.4 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 100.998 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

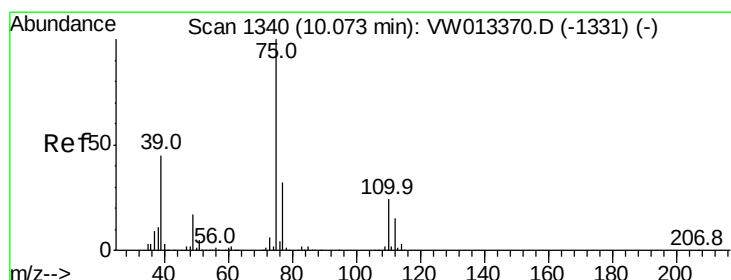
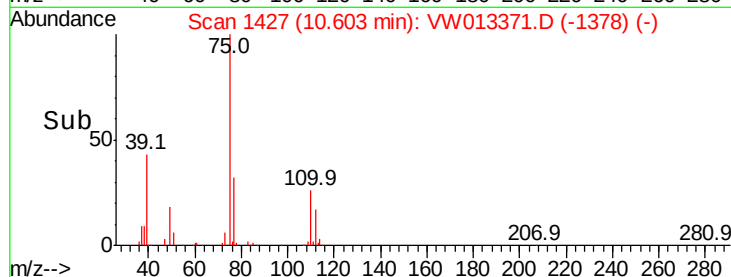
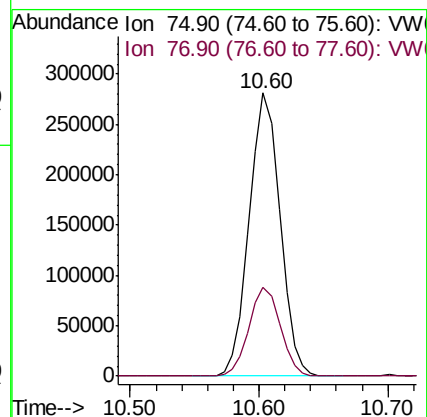
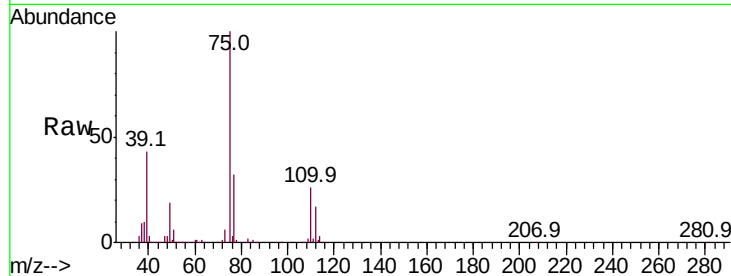
ClientSampleId :

Tot Ion: 75 Resp: 467093

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 99.740 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

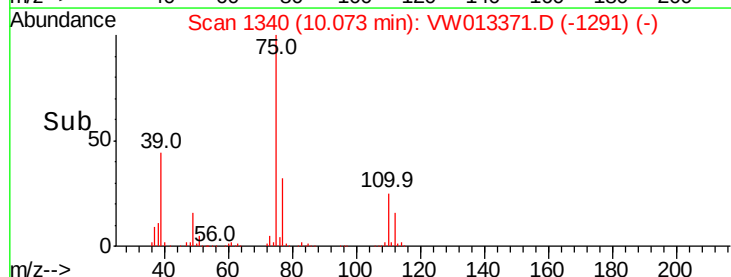
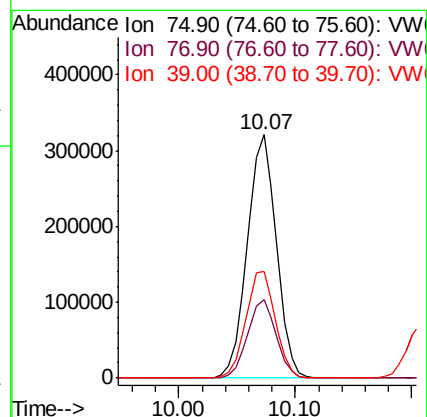
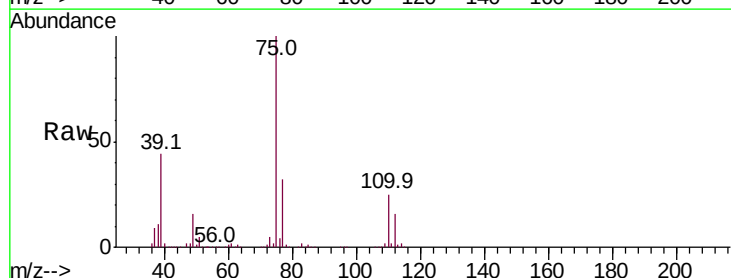
Tgt Ion: 75 Resp: 560847

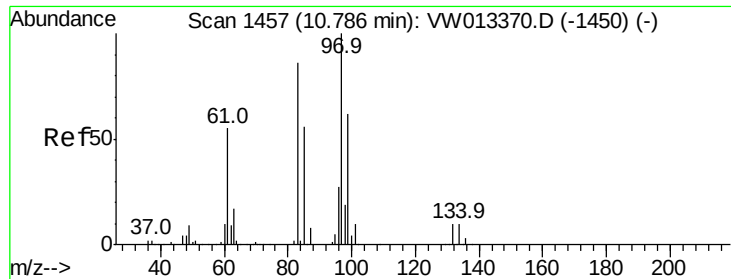
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 44.0 36.6 55.0

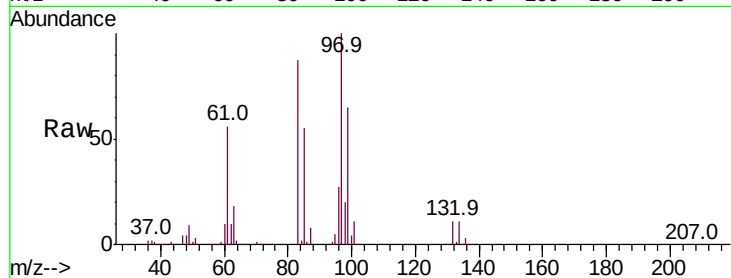




#55
 1,1,2-Trichloroethane
 Concen: 96.894 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	256204
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.6	101.4
85	55.0	41.9	62.9
99	65.0	50.1	75.1



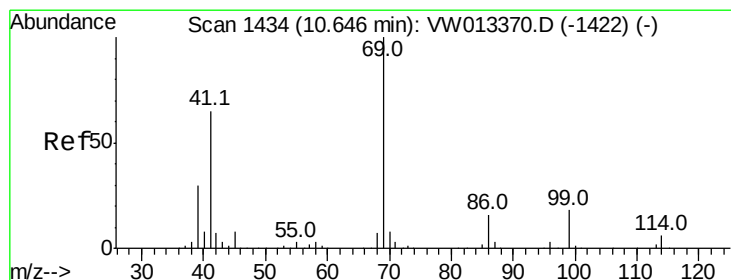
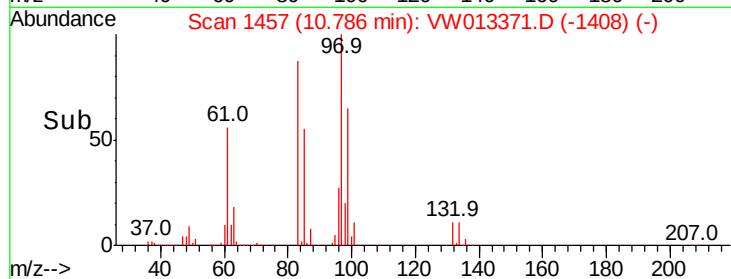
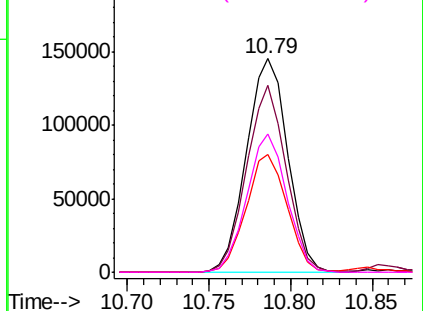
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

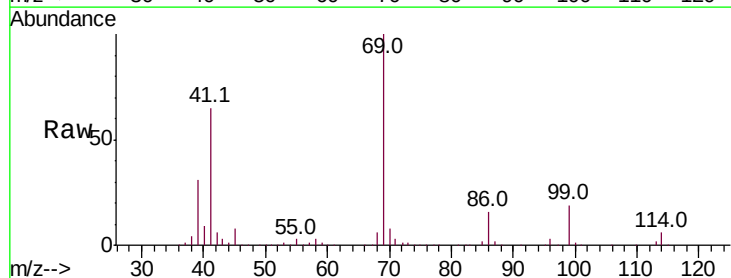
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 103.519 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion:	69	Resp:	358226
Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.9	80.9
39	27.8	23.8	35.6

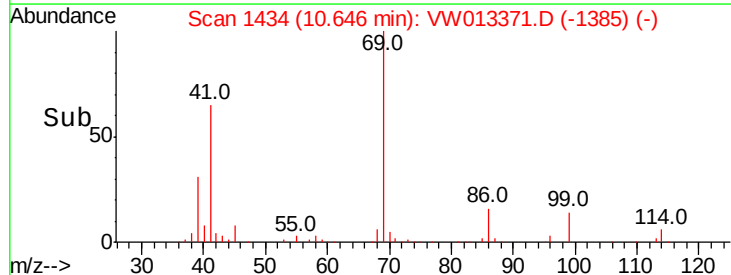
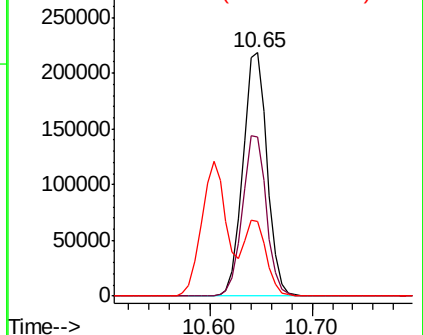


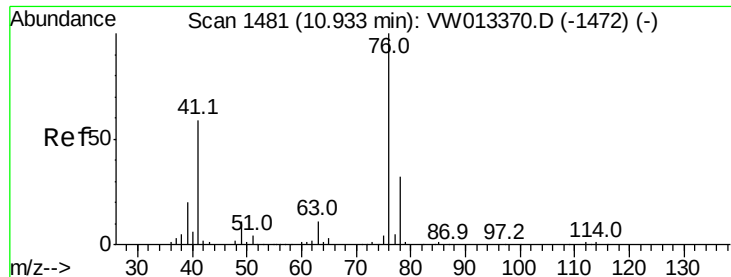
Abundance

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

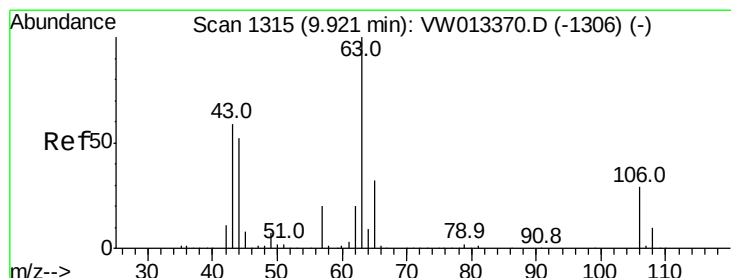
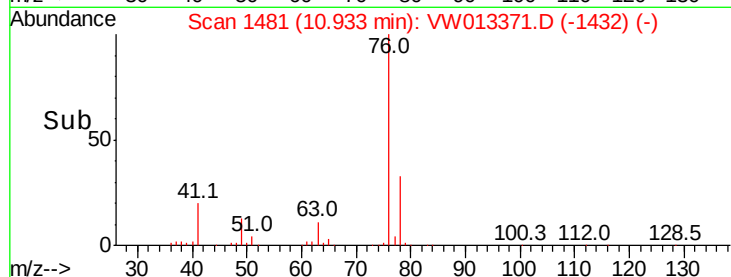
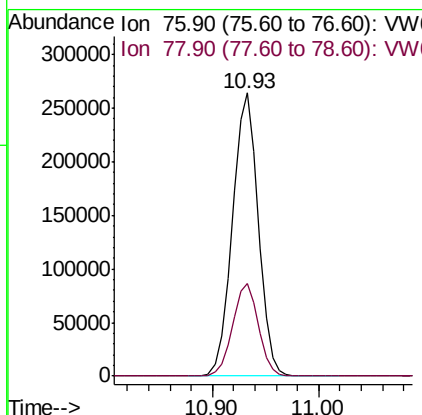
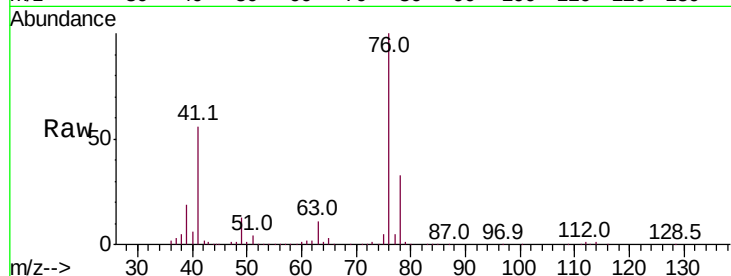




#57
 1,3-Dichloropropane
 Concen: 97.182 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

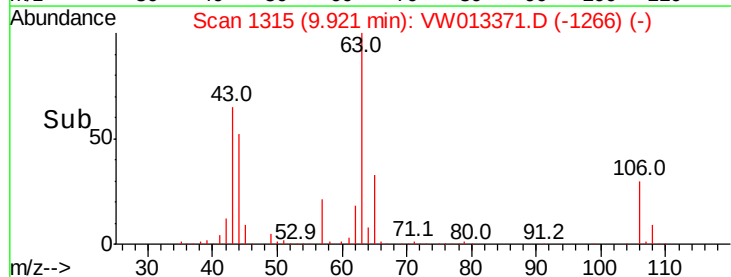
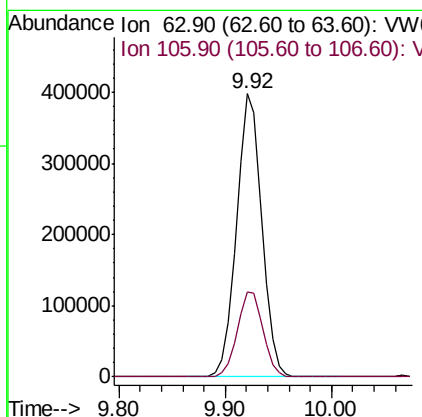
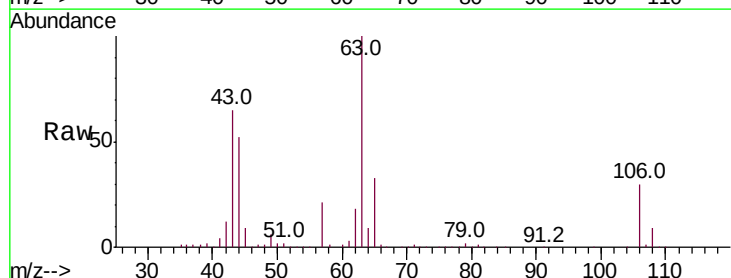
Instrument :
 MSVOA_W
 ClientSampled :

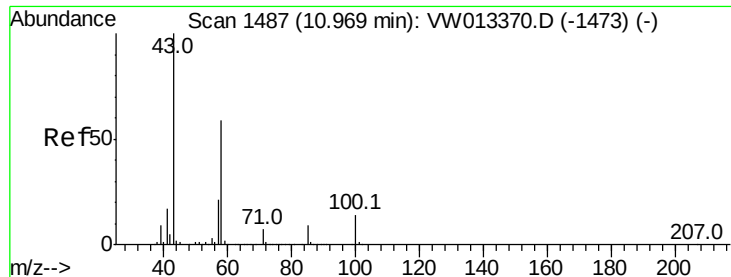
Tot Ion: 76 Resp: 448415
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 413.796 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion: 63 Resp: 662910
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.4 35.0





#59

2-Hexanone

Concen: 521.784 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

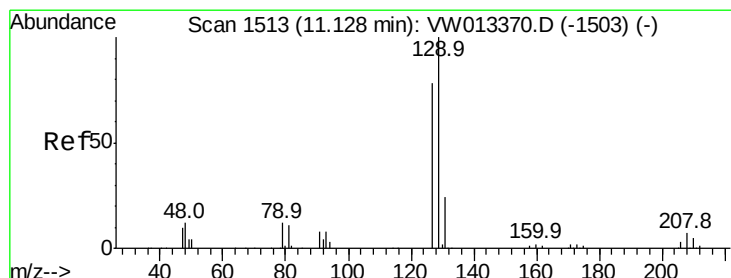
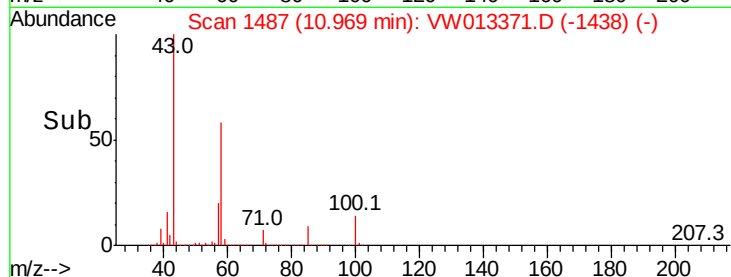
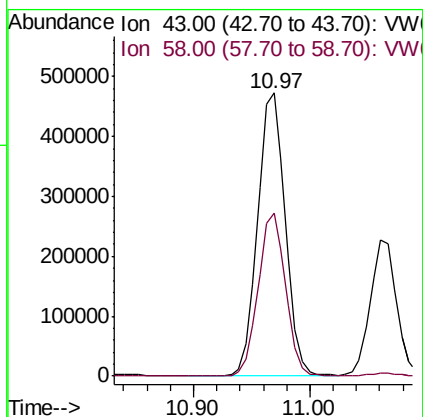
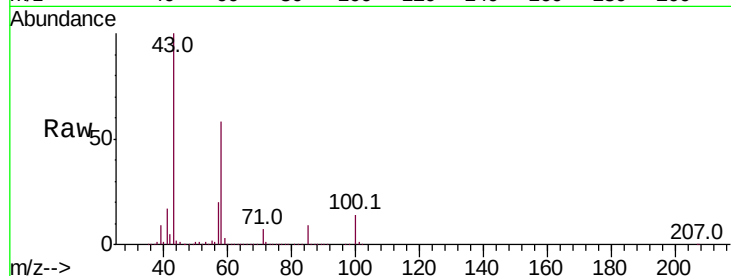
ClientSampled :

Tot Ion: 43 Resp: 784387

Ion Ratio Lower Upper

43 100

58 57.0 28.1 84.2



#60

Dibromochloromethane

Concen: 101.688 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW013371.D

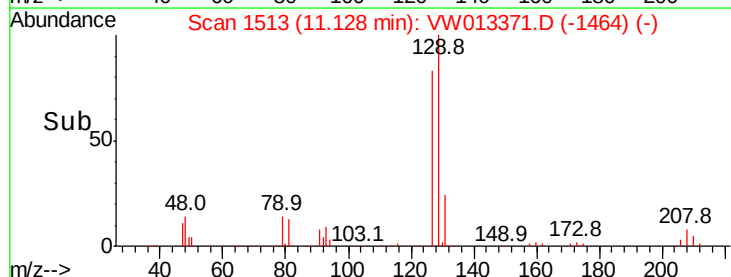
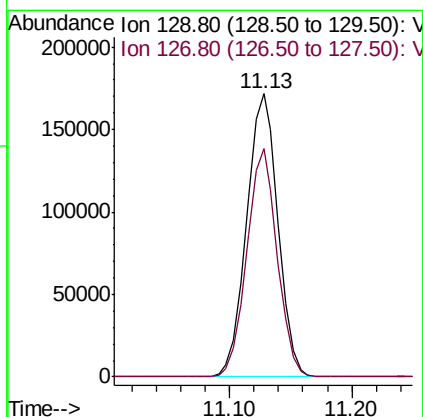
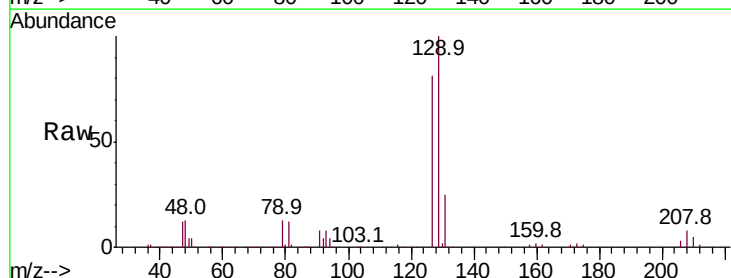
Acq: 01 Oct 2019 14:46

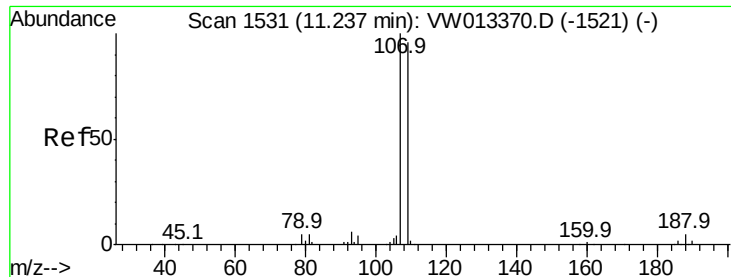
Tgt Ion: 129 Resp: 305309

Ion Ratio Lower Upper

129 100

127 78.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 99.500 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

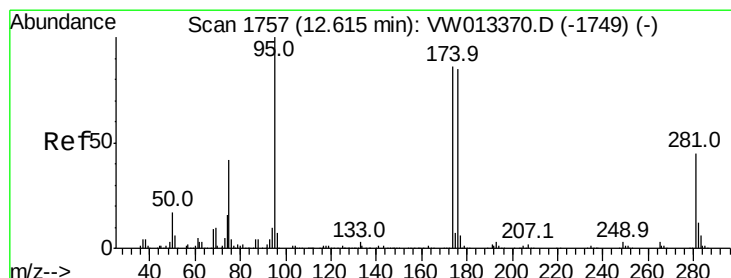
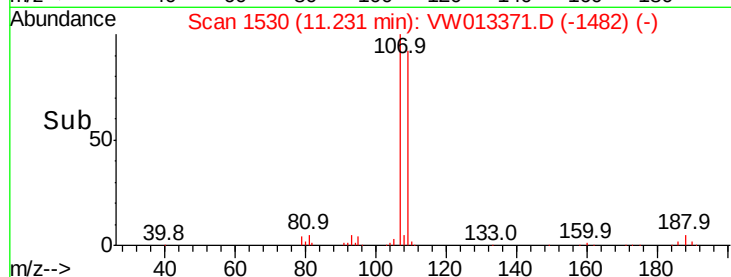
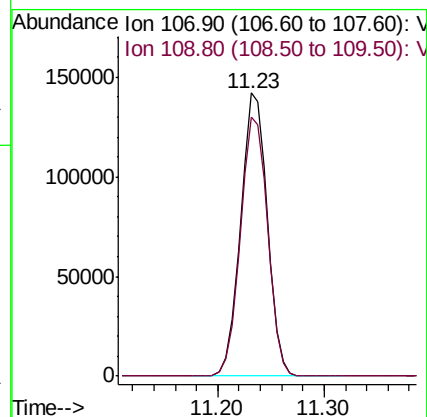
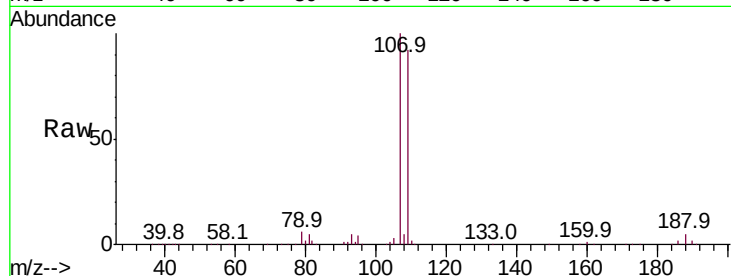
ClientSampleId :

Tot Ion:107 Resp: 250148

Ion Ratio Lower Upper

107 100

109 93.6 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 93.372 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

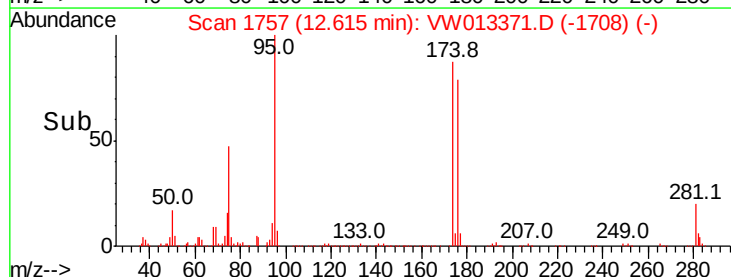
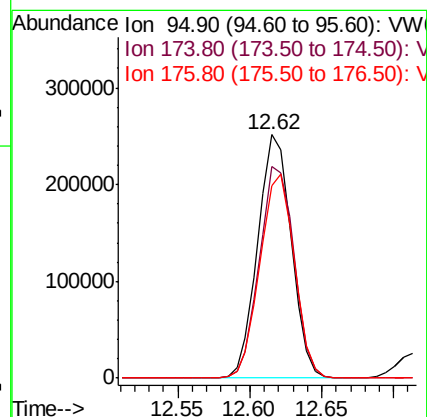
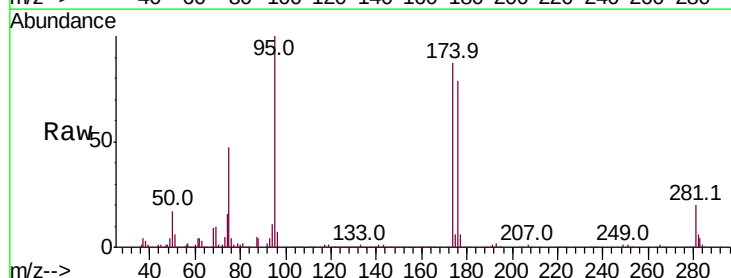
Tgt Ion: 95 Resp: 405581

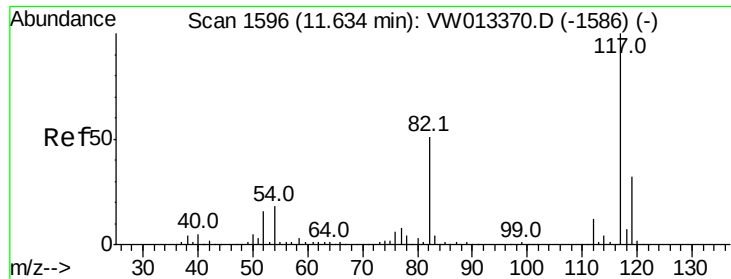
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.4

176 85.9 0.0 172.2

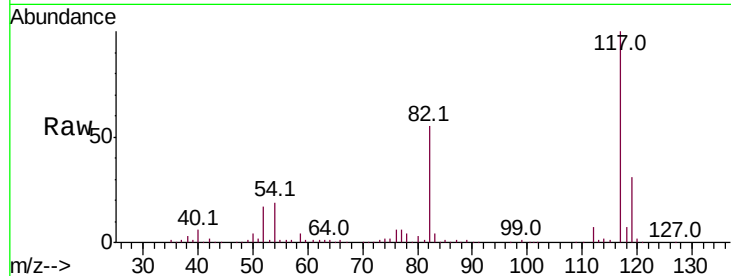




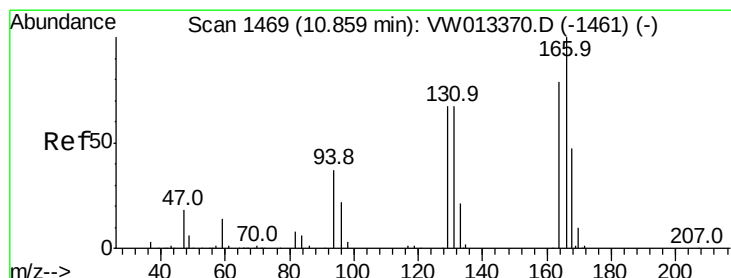
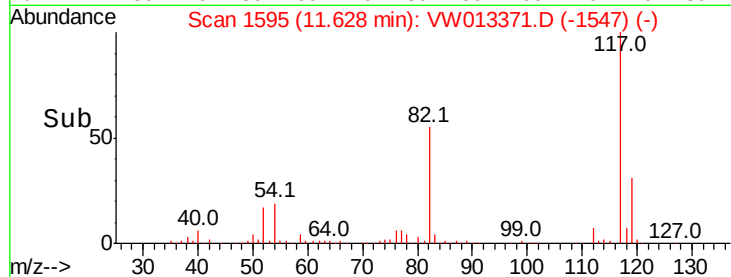
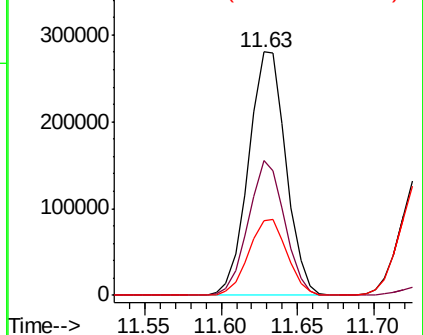
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 477136
Ion Ratio Lower Upper
117 100
82 55.4 45.9 68.9
119 30.7 26.2 39.2

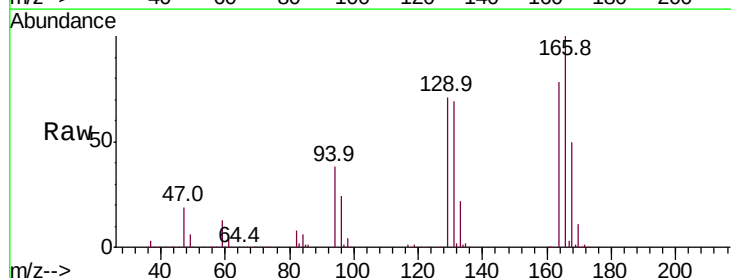


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

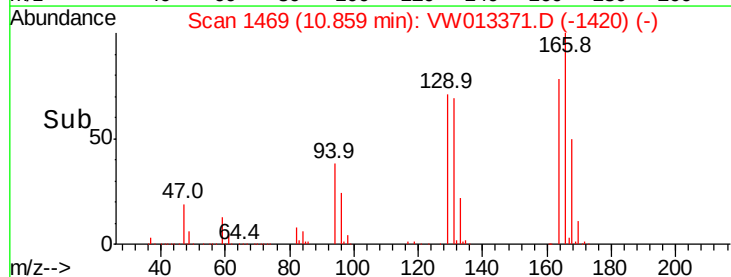
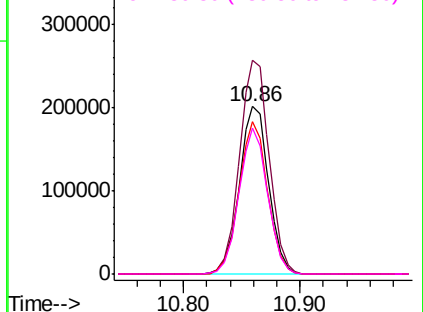


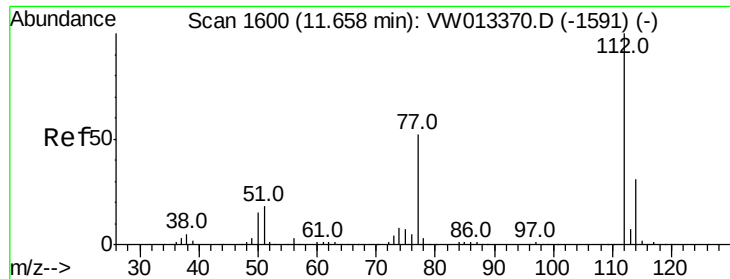
#64
Tetrachloroethene
Concen: 97.020 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion:164 Resp: 351231
Ion Ratio Lower Upper
164 100
166 127.7 101.2 151.8
129 90.8 68.8 103.2
131 87.6 65.2 97.8



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

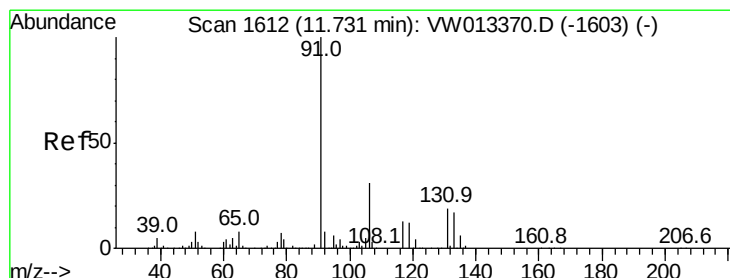
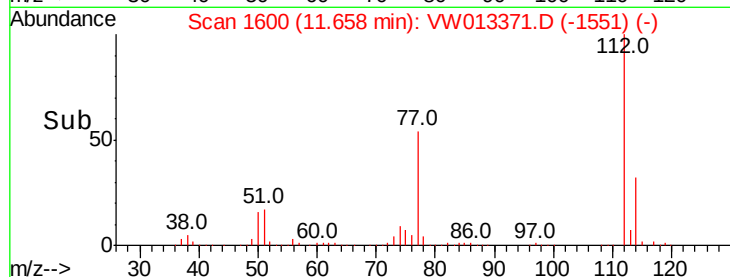
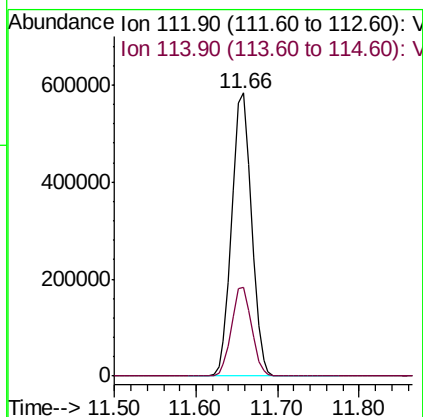
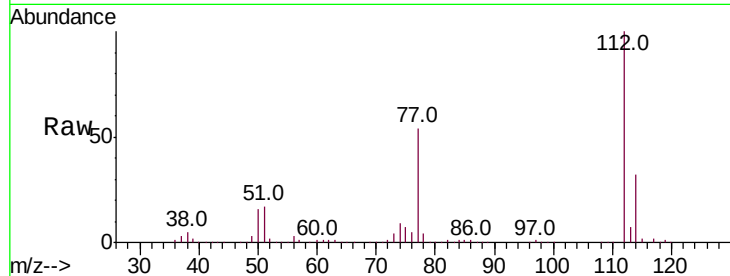




#65
Chlorobenzene
Concen: 97.365 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

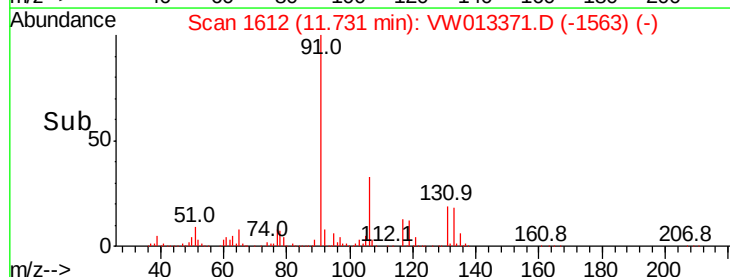
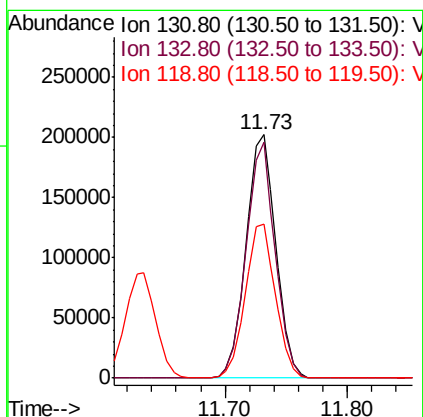
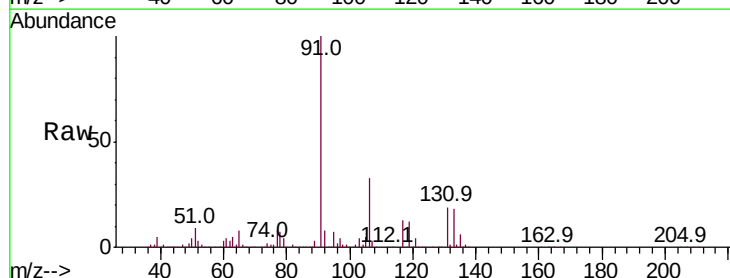
Instrument :
MSVOA_W
ClientSampleId :

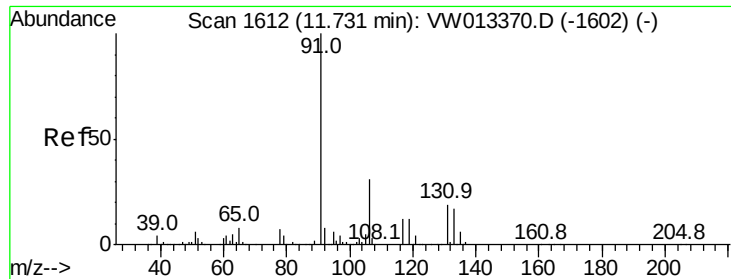
Tot Ion:112 Resp: 970102
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 100.611 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion:131 Resp: 342466
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.0 32.5 97.5

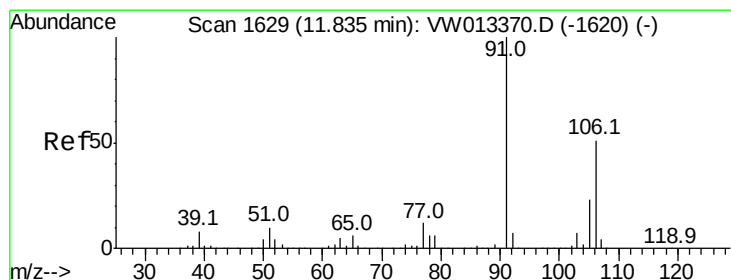
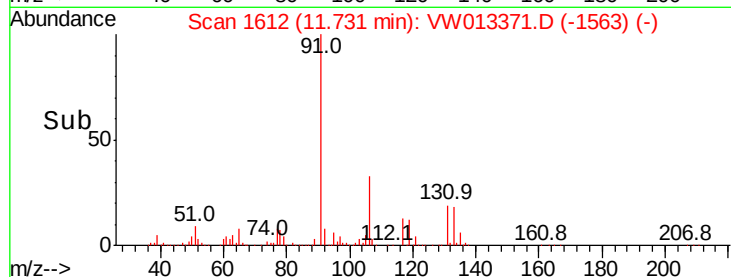
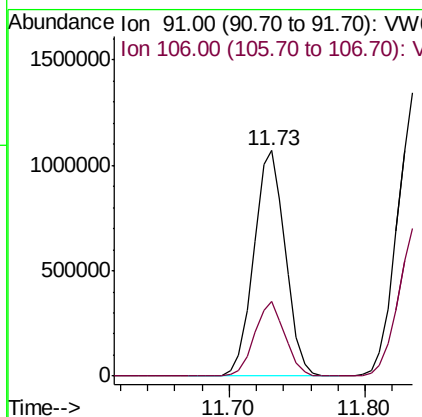
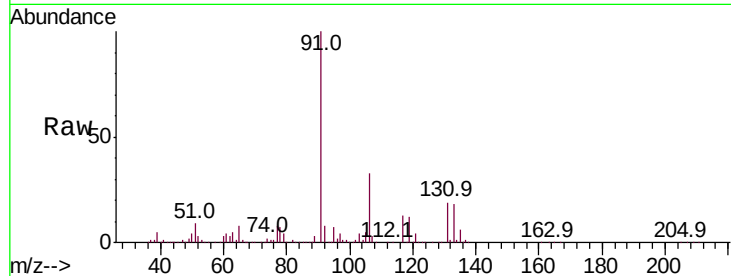




#67
Ethyl Benzene
Concen: 96.122 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

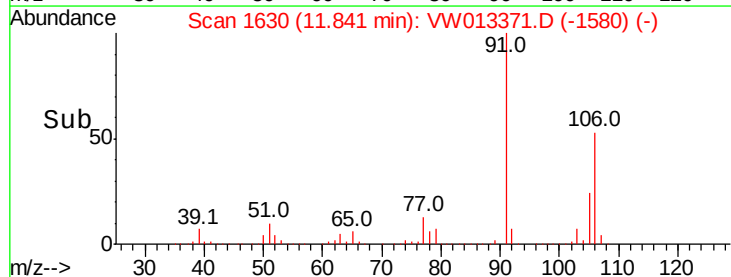
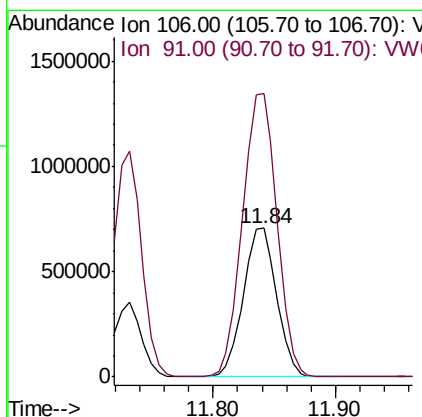
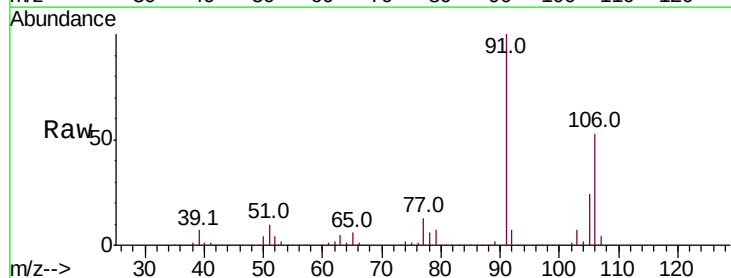
Instrument :
MSVOA_W
ClientSampled :

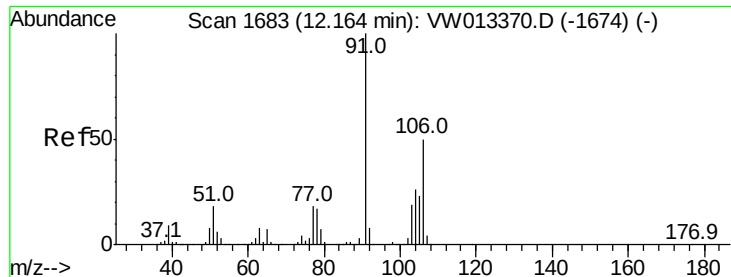
Tot Ion: 91 Resp: 1735274
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3



#68
m/p-Xylenes
Concen: 194.032 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion:106 Resp: 1334803
Ion Ratio Lower Upper
106 100
91 197.4 157.9 236.9

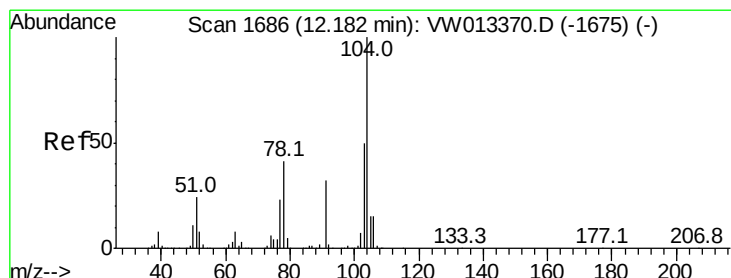
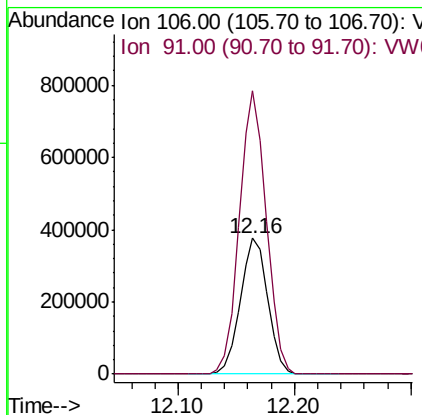
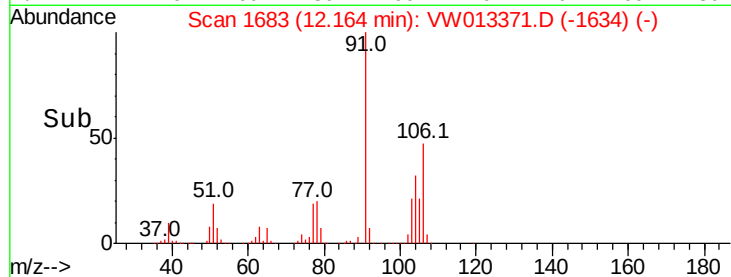
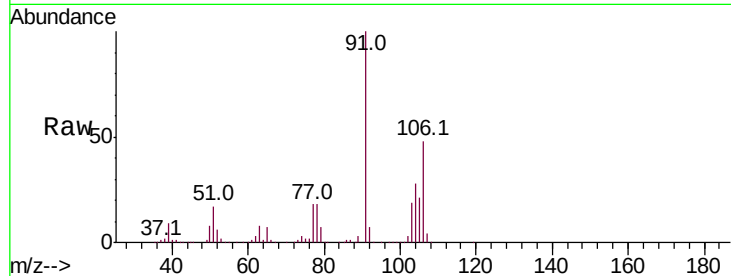




#69
o-Xylene
Concen: 96.487 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

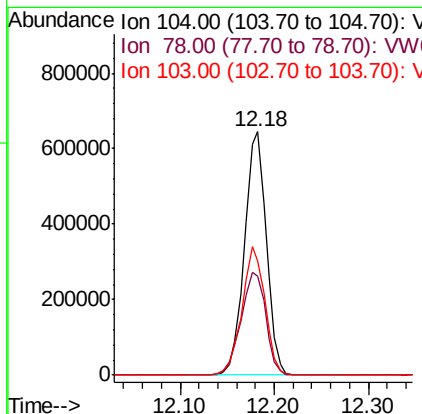
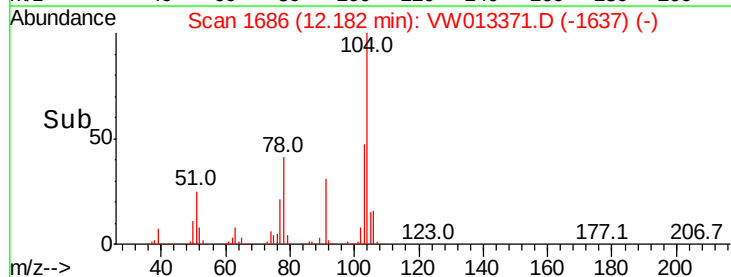
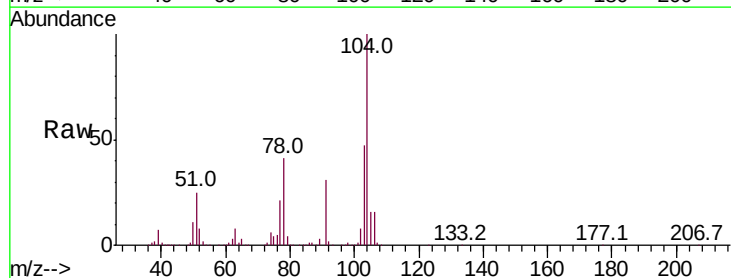
Instrument :
MSVOA_W
ClientSampled :

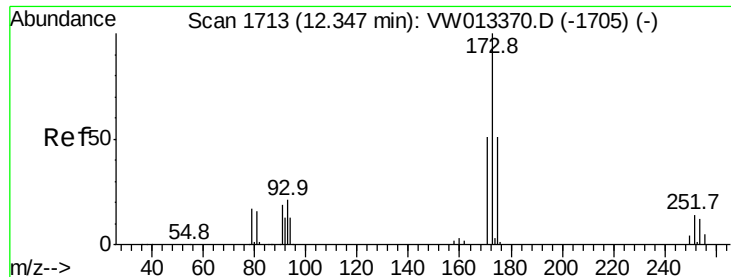
Tot Ion:106 Resp: 617114
Ion Ratio Lower Upper
106 100
91 204.1 106.5 319.5



#70
Styrene
Concen: 95.083 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion:104 Resp: 1044039
Ion Ratio Lower Upper
104 100
78 47.8 38.4 57.6
103 55.2 43.3 64.9





#71

Bromoform

Concen: 103.507 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

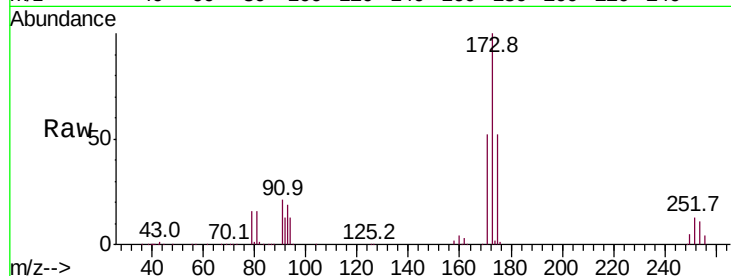
Tot Ion:173 Resp: 186133

Ion Ratio Lower Upper

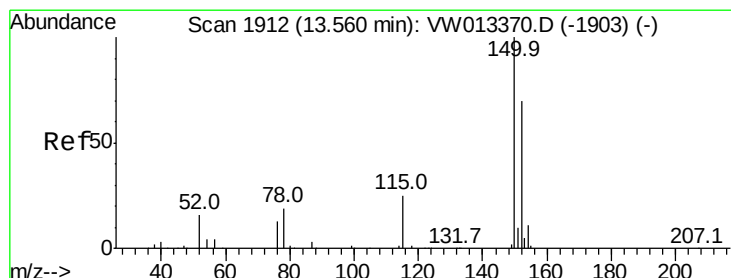
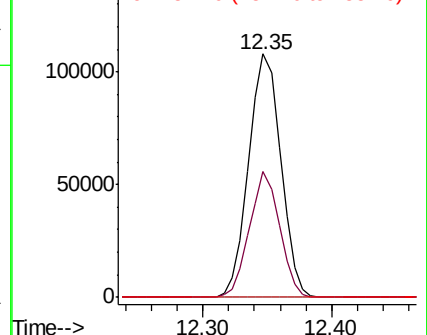
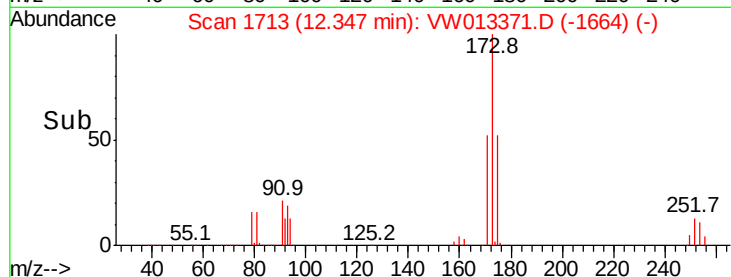
173 100

175 48.3 24.3 73.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

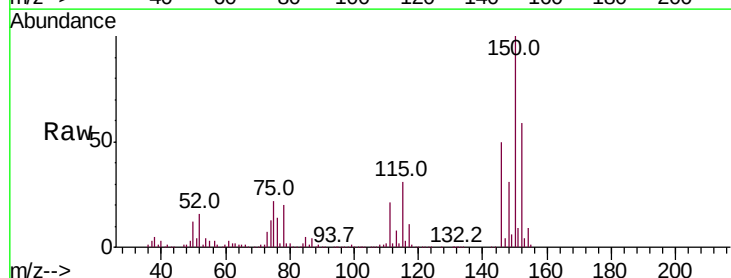
Tgt Ion:152 Resp: 229444

Ion Ratio Lower Upper

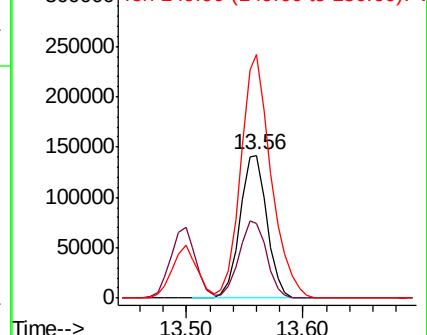
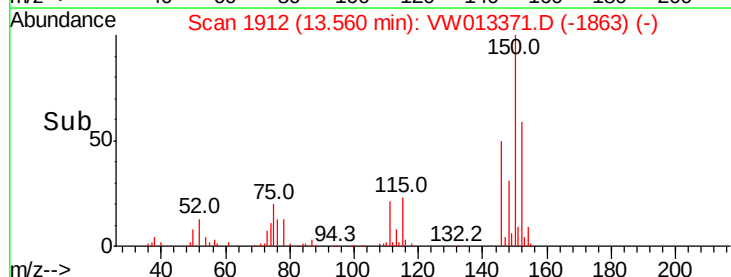
152 100

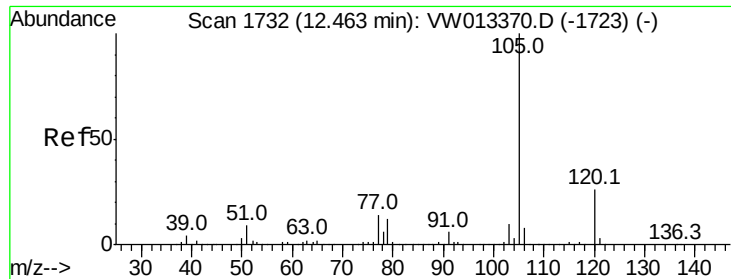
115 55.4 27.3 81.9

150 189.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

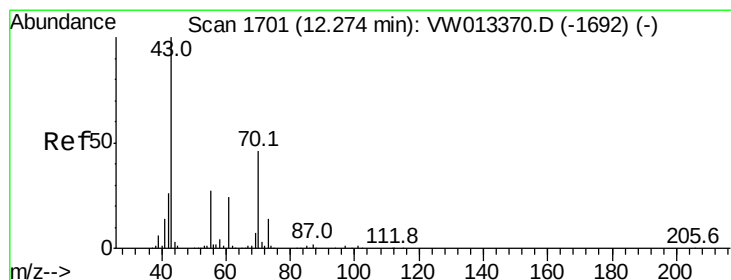
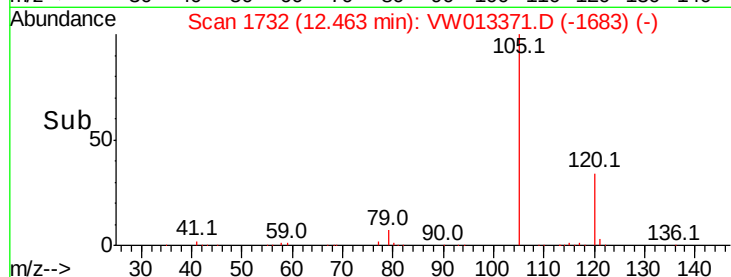
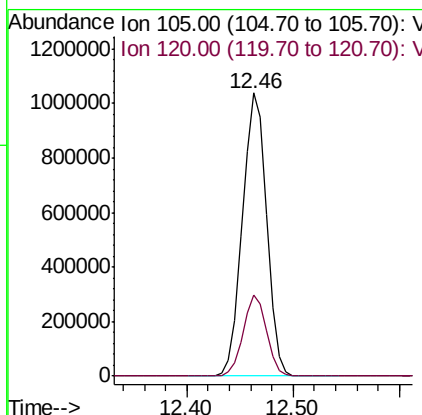
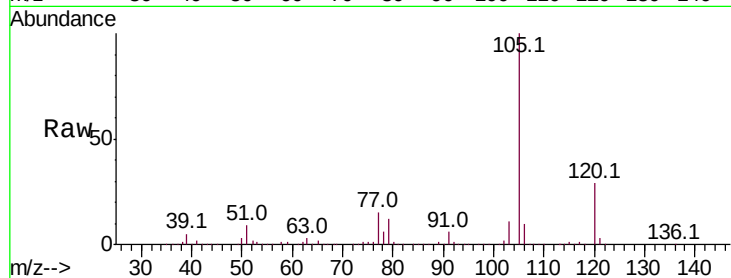




#73
Isopropylbenzene
Concen: 98.047 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

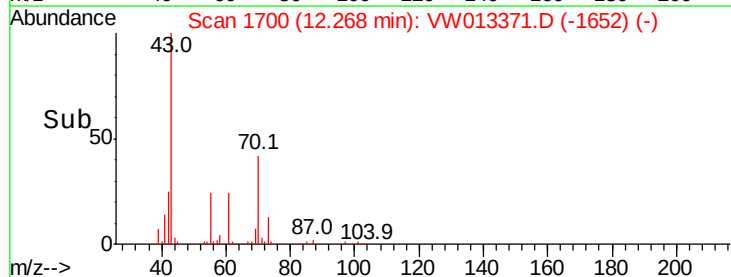
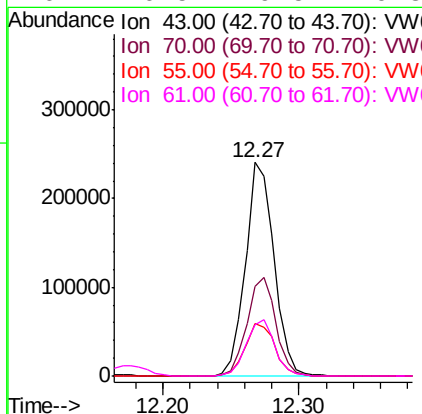
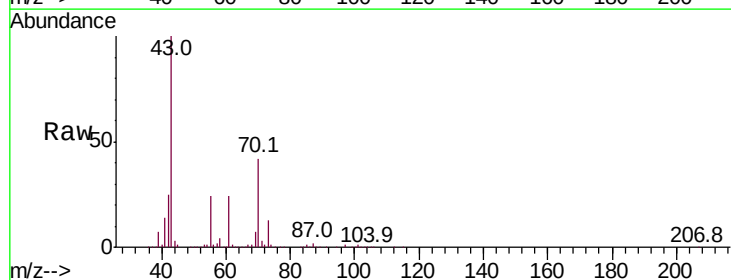
Instrument :
MSVOA_W
ClientSampled :

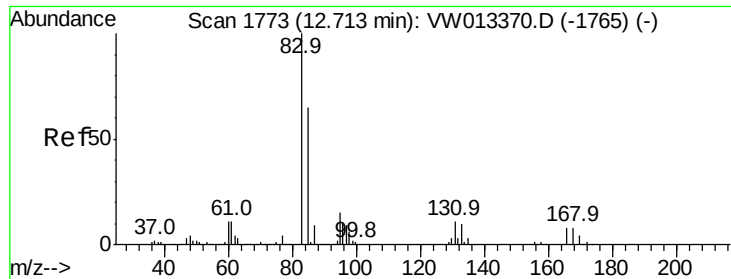
Tot Ion:105 Resp: 1661816
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 94.244 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion: 43 Resp: 354454
Ion Ratio Lower Upper
43 100
70 46.4 35.1 52.7
55 25.5 19.9 29.9
61 26.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 95.455 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

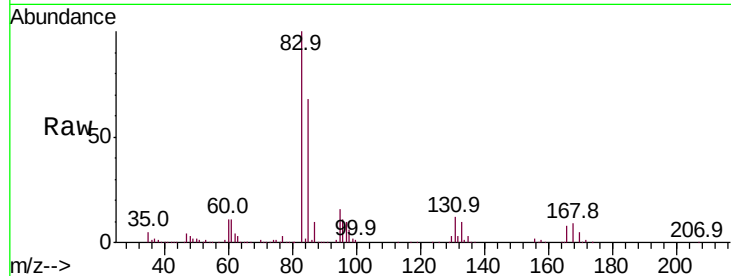
Tot Ion: 83 Resp: 270579

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.4	16.2
85	66.4	31.9	95.9

83 100

131 11.5 5.4 16.2

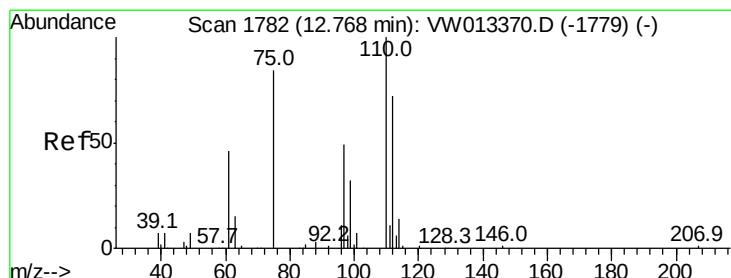
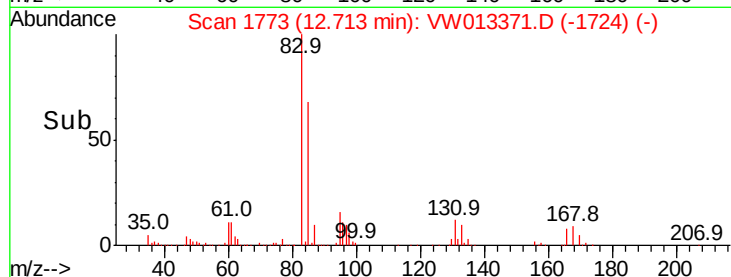
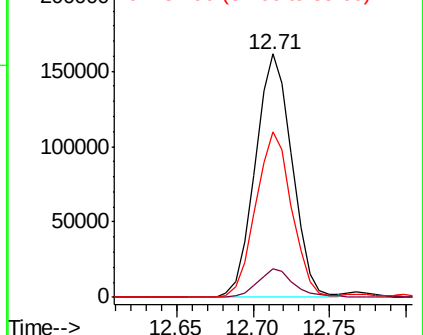
85 66.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 176.428 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013371.D

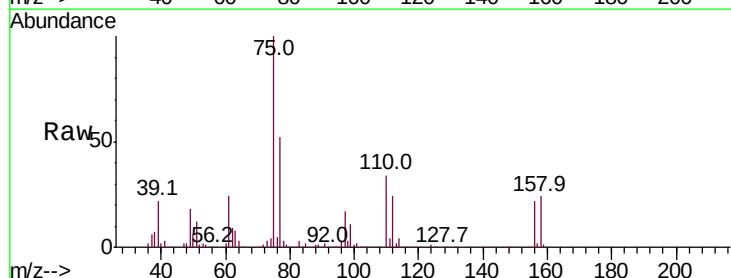
Acq: 01 Oct 2019 14:46

Tgt Ion: 75 Resp: 357494

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

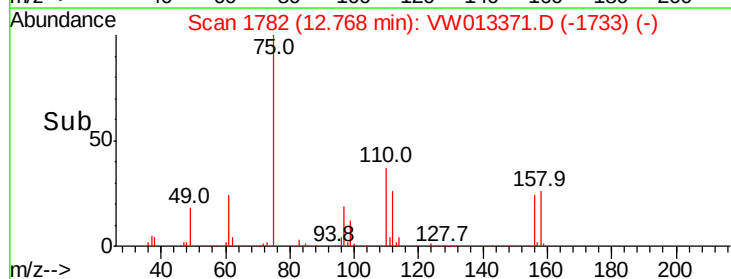
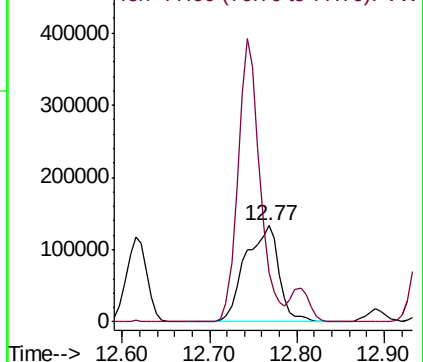
75 100

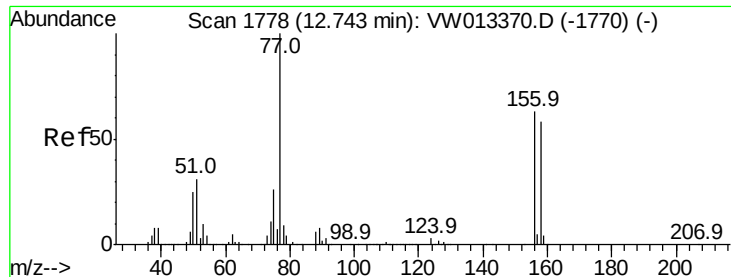
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 101.917 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

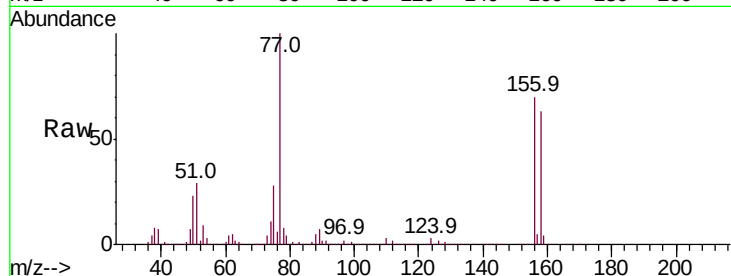
Tot Ion:156 Resp: 409348

Ion Ratio Lower Upper

156 100

77 169.0 85.7 257.1

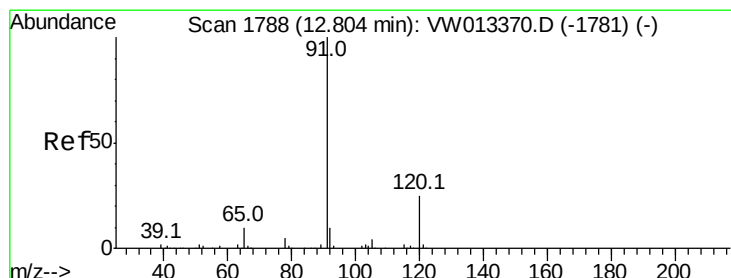
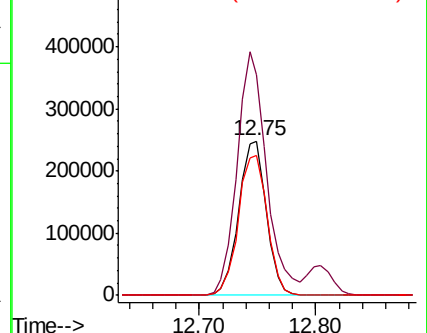
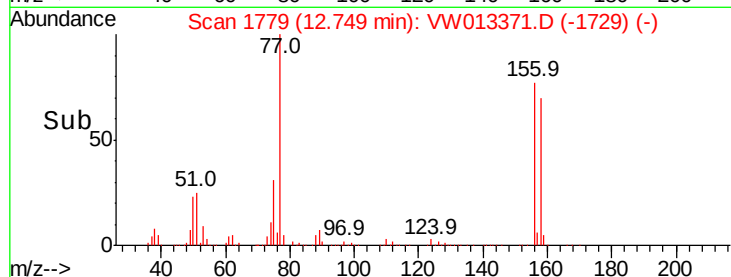
158 95.1 48.1 144.4



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: 99.710 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013371.D

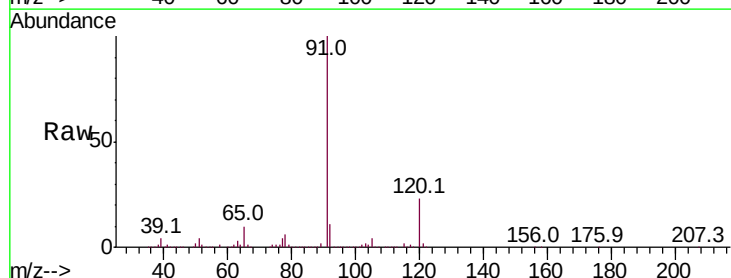
Acq: 01 Oct 2019 14:46

Tgt Ion: 91 Resp: 1978201

Ion Ratio Lower Upper

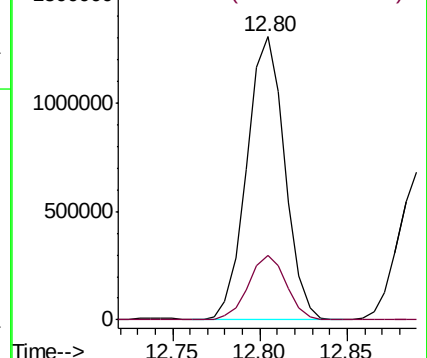
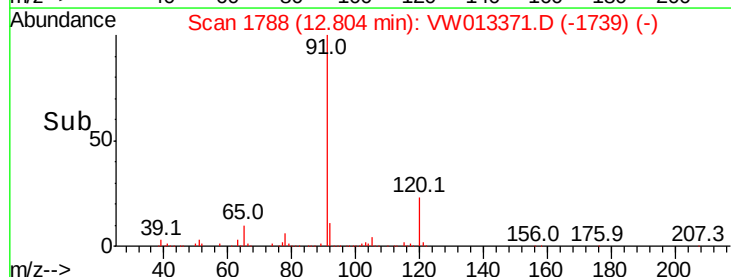
91 100

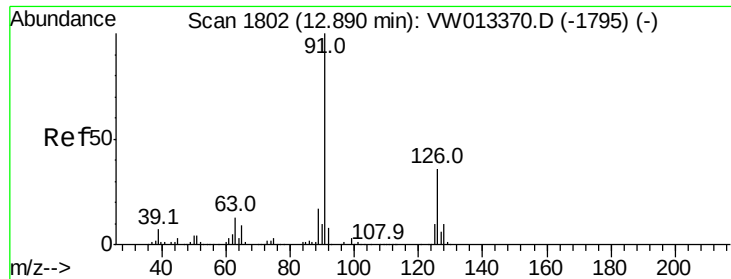
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.171 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

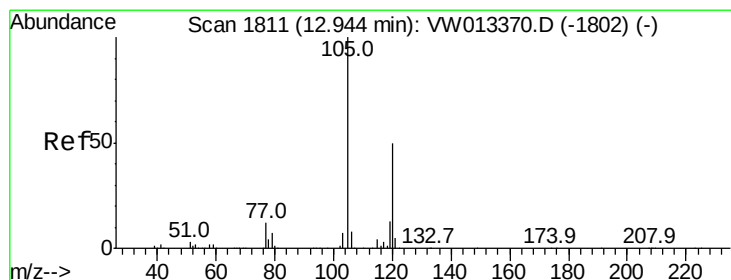
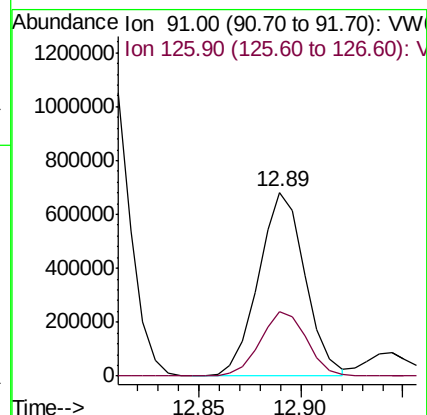
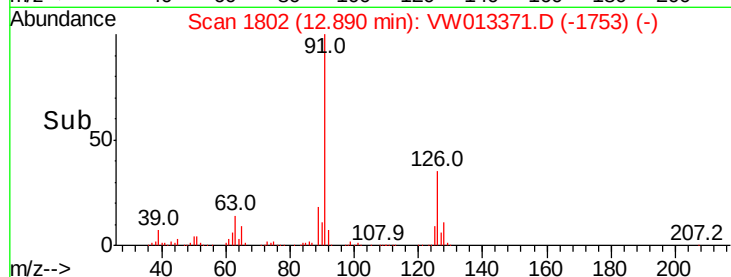
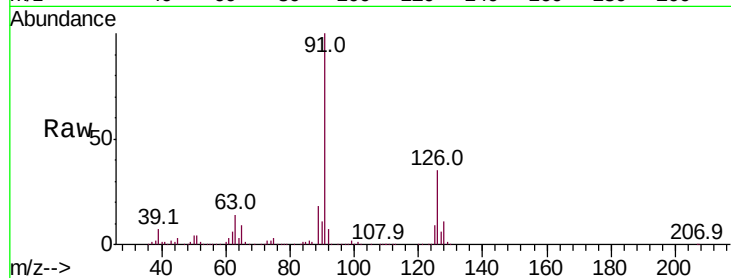
ClientSampleId :

Tot Ion: 91 Resp: 1080039

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 97.927 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013371.D

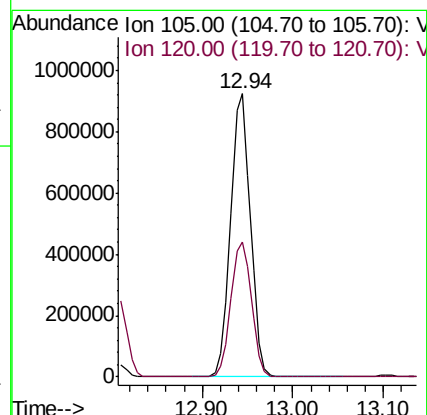
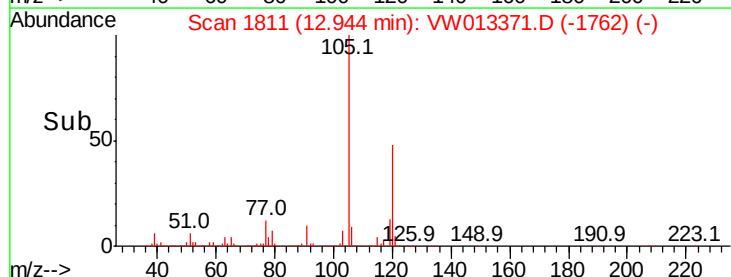
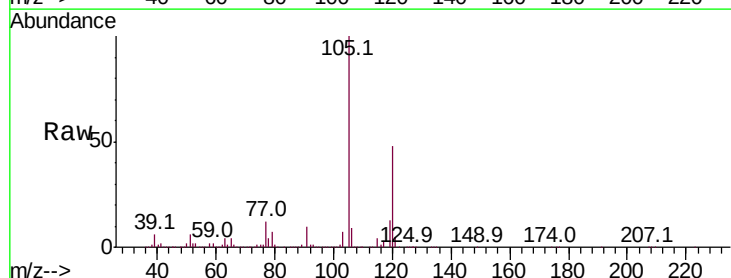
Acq: 01 Oct 2019 14:46

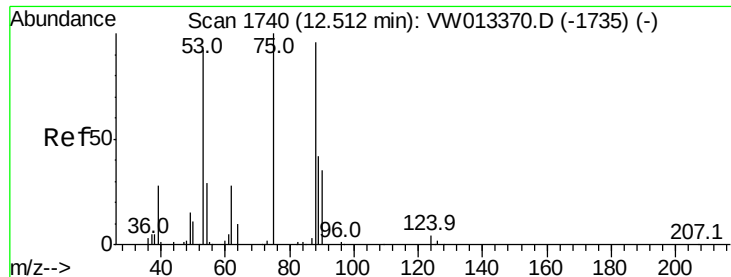
Tgt Ion:105 Resp: 1395229

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 104.407 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

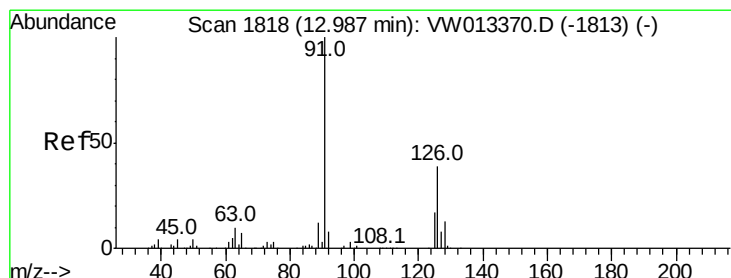
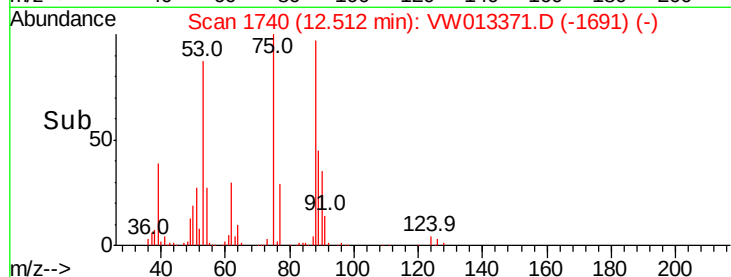
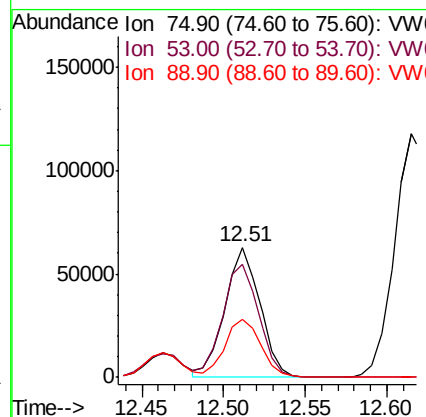
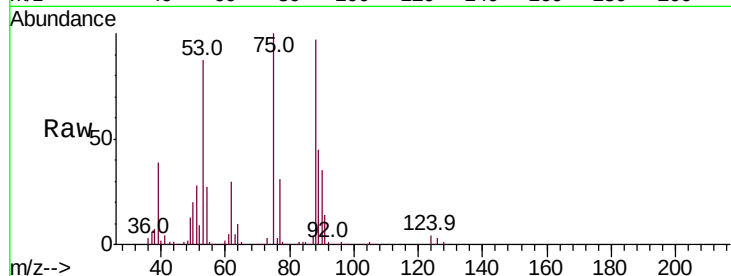
Tot Ion: 75 Resp: 94281

Ion Ratio Lower Upper

75 100

53 90.1 76.6 114.8

89 45.3 33.5 50.3



#82

4-Chlorotoluene

Concen: 96.676 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013371.D

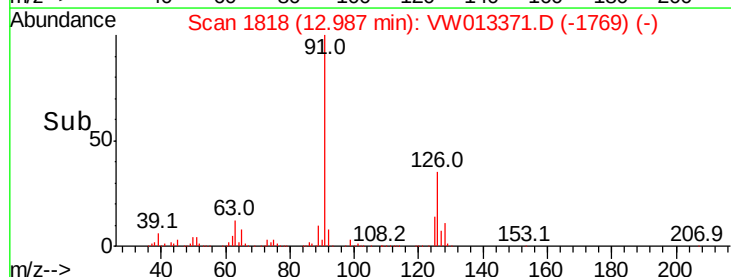
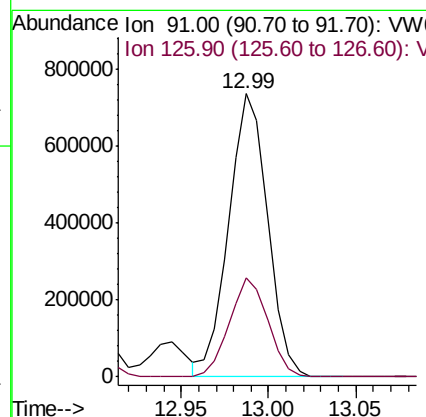
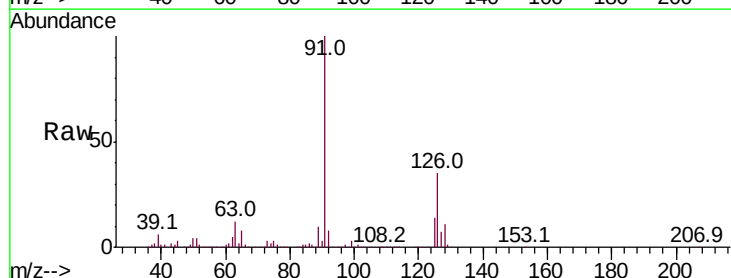
Acq: 01 Oct 2019 14:46

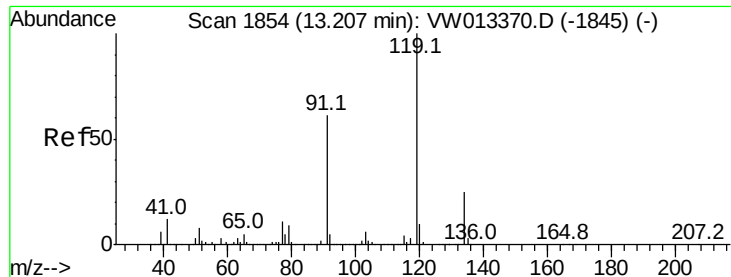
Tgt Ion: 91 Resp: 1133141

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7

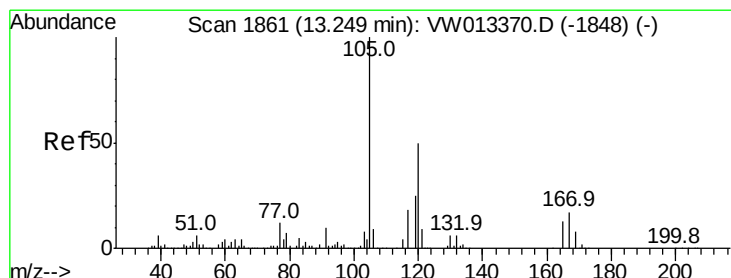
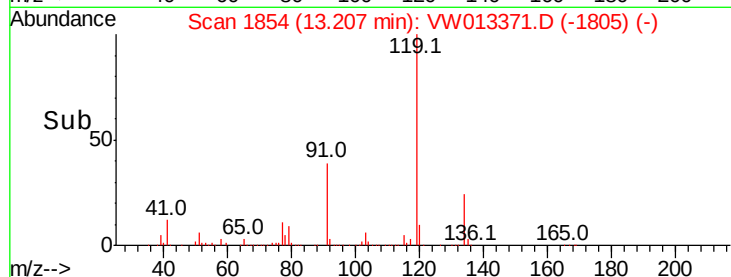
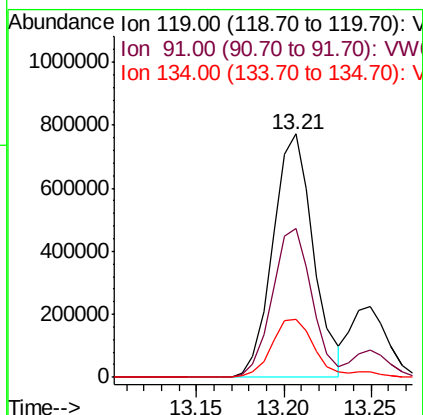
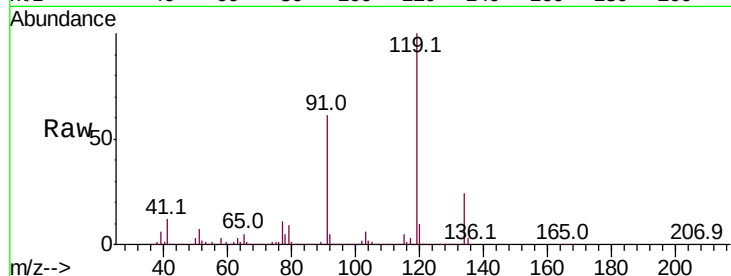




#83
 tert-Butylbenzene
 Concen: 99.620 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

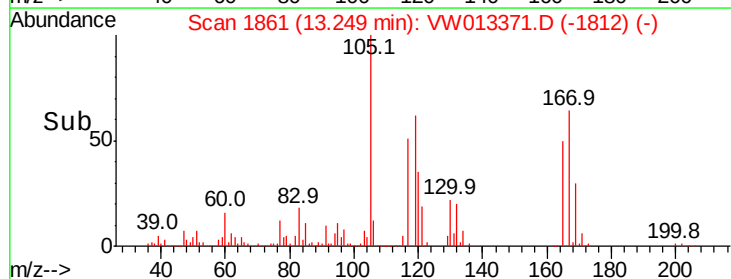
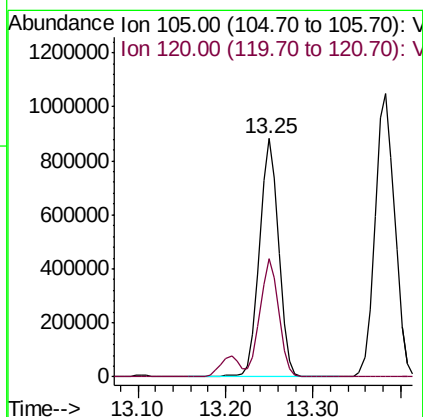
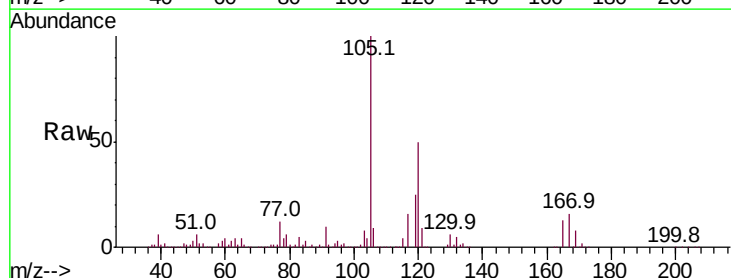
Instrument :
 MSVOA_W
 ClientSampled :

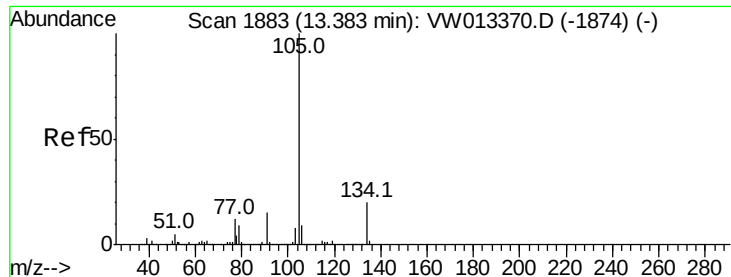
Tot Ion:119 Resp: 1245775
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.7 92.1
 134 26.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 95.206 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion:105 Resp: 1349800
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 94.760 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Instrument :

MSVOA_W

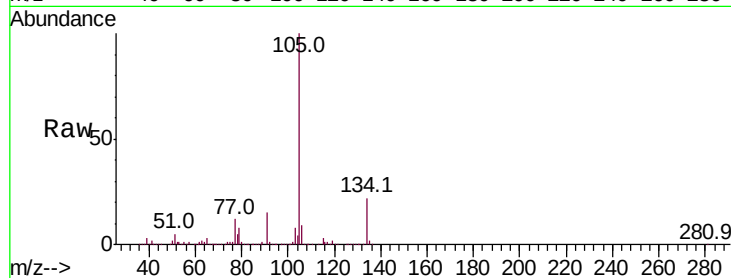
ClientSampled :

Tot Ion:105 Resp: 1633748

Ion Ratio Lower Upper

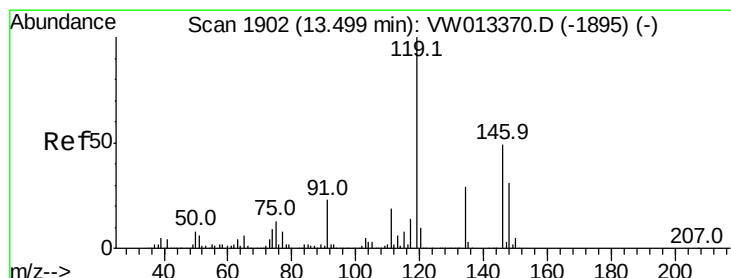
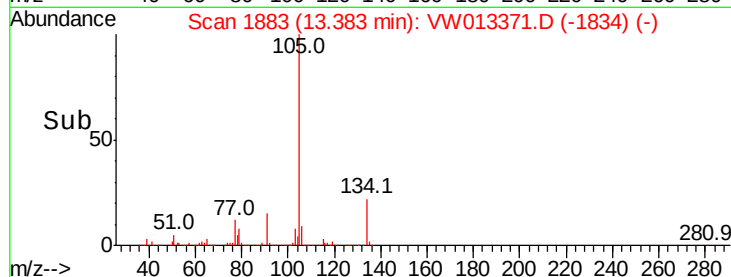
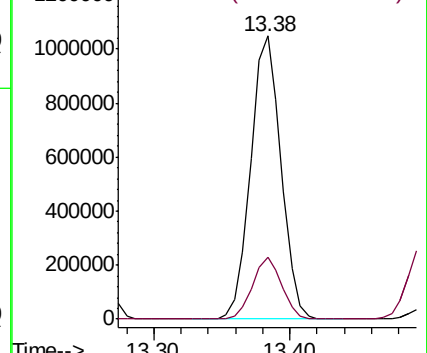
105 100

134 21.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 97.834 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

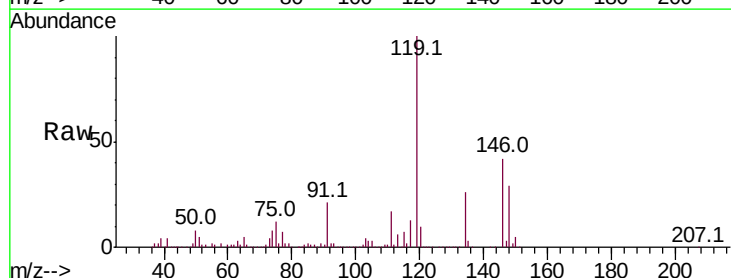
Tgt Ion:119 Resp: 1564467

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

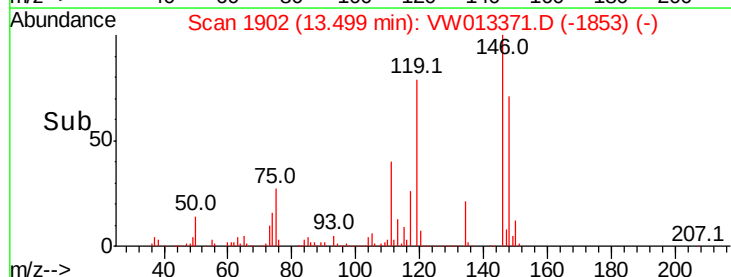
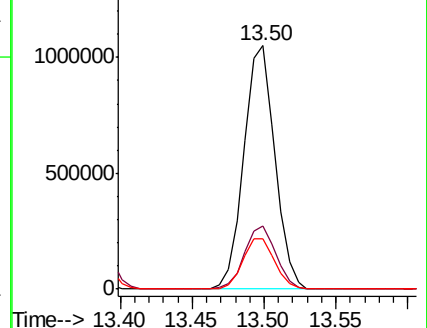
91 21.3 10.8 32.4

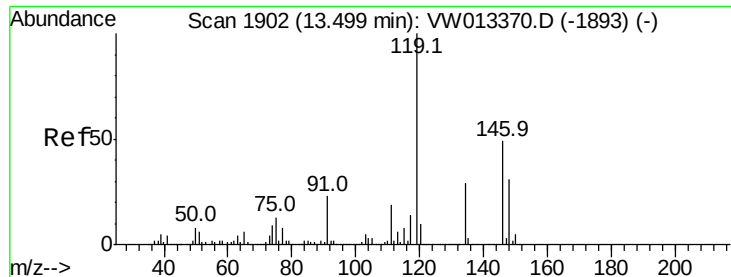


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

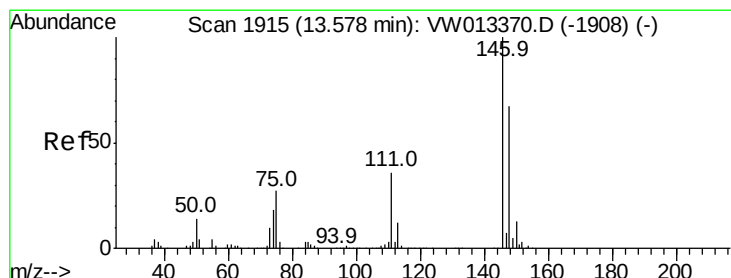
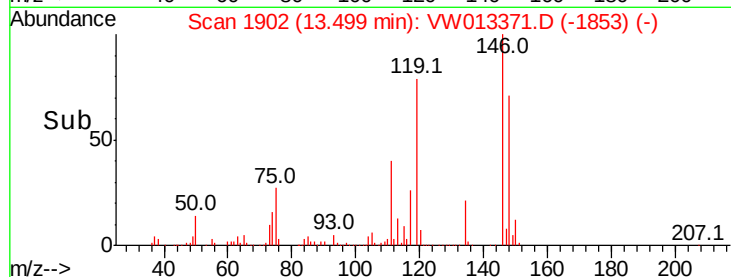
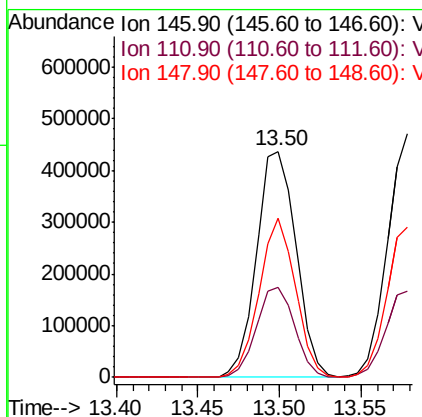
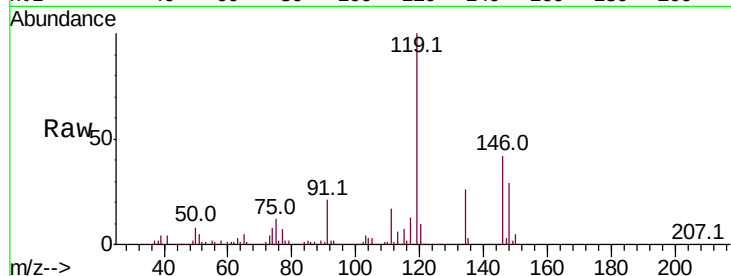




#87
 1,3-Dichlorobenzene
 Concen: 95.217 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

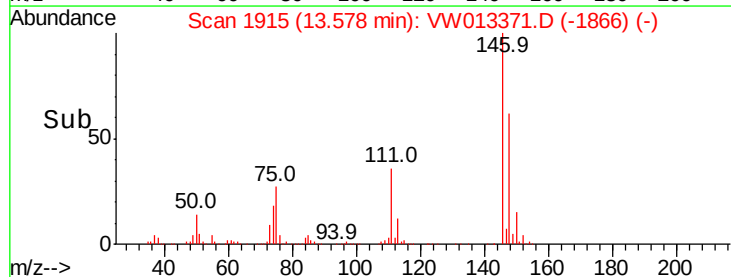
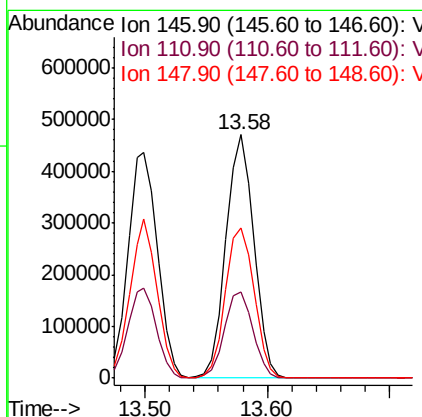
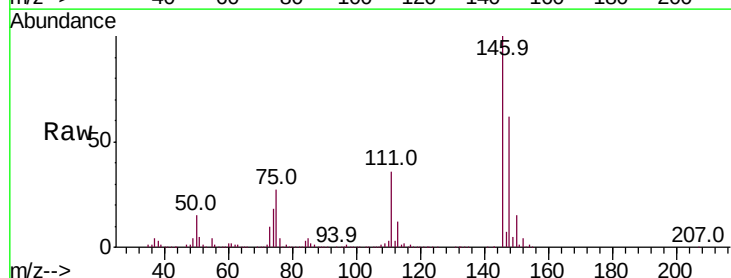
Instrument :
 MSVOA_W
 ClientSampleId :

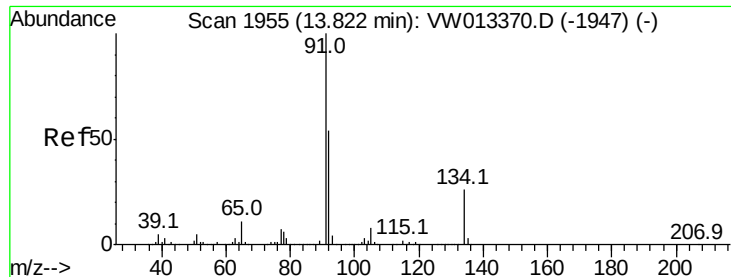
Tot Ion:146 Resp: 736026
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 64.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 98.090 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion:146 Resp: 743643
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.0
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 96.780 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

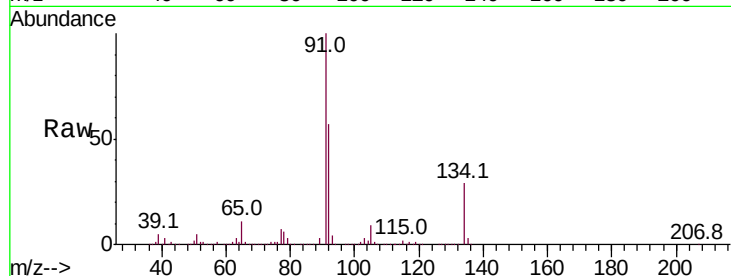
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 91 Resp: 1413127

Ion	Ratio	Lower	Upper
91	100		
92	56.1	27.6	82.8
134	28.0	13.7	41.1

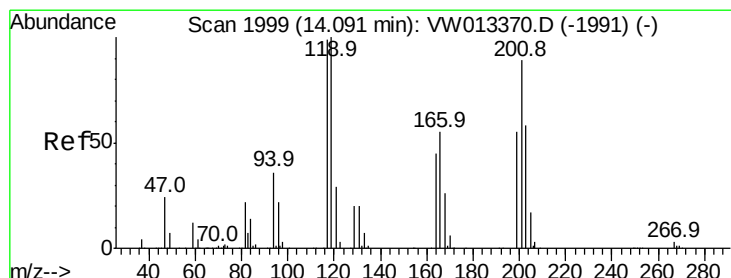
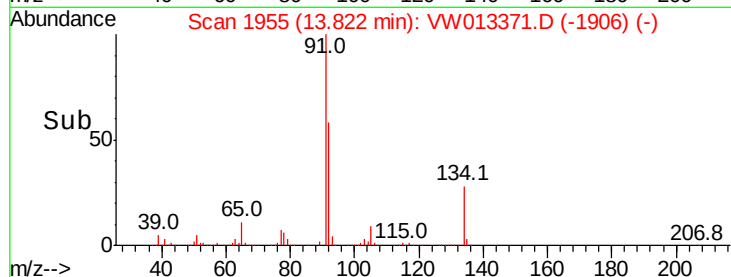
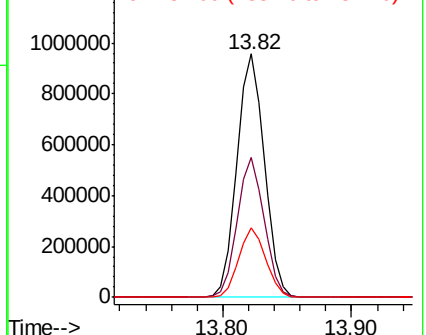


Abundance

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: 99.012 ug/l

RT: 14.09 min Scan# 1999

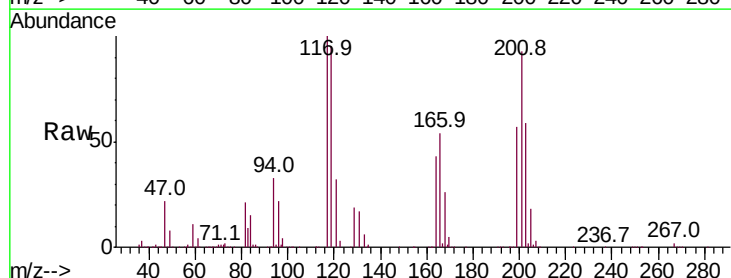
Delta R.T. 0.00 min

Lab File: VW013371.D

Acq: 01 Oct 2019 14:46

Tgt Ion: 117 Resp: 265981

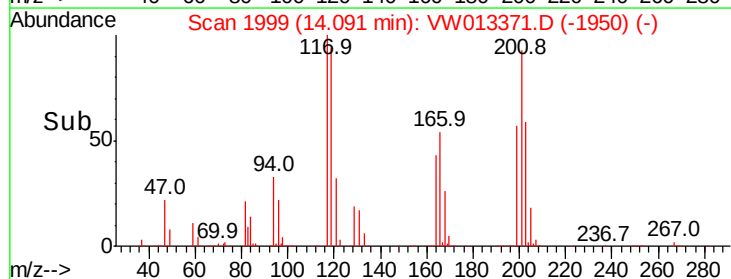
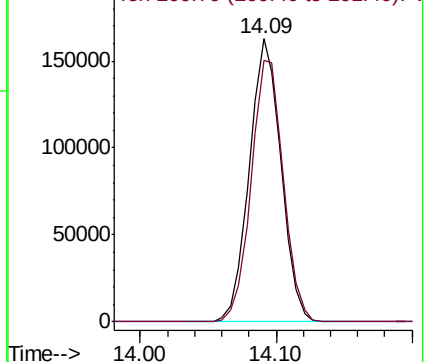
Ion	Ratio	Lower	Upper
117	100		
201	93.9	44.5	133.5

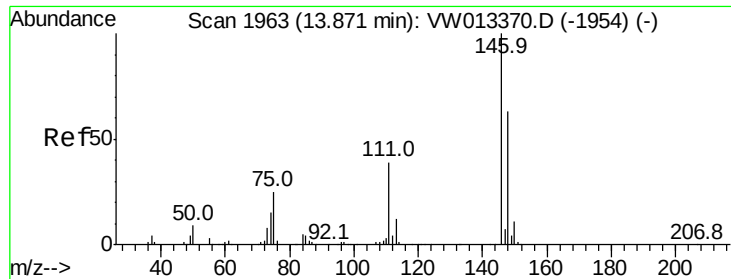


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

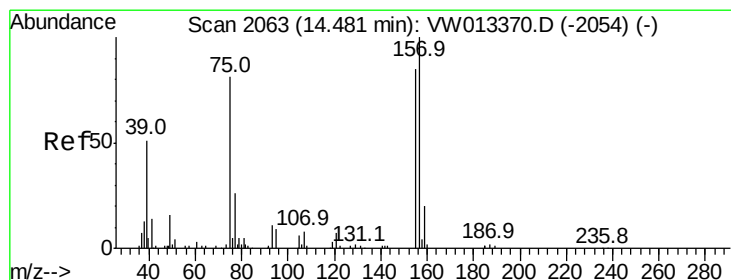
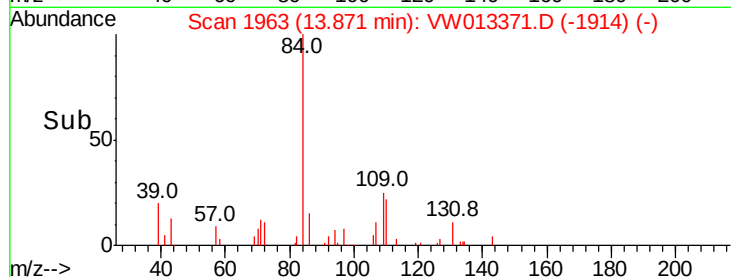
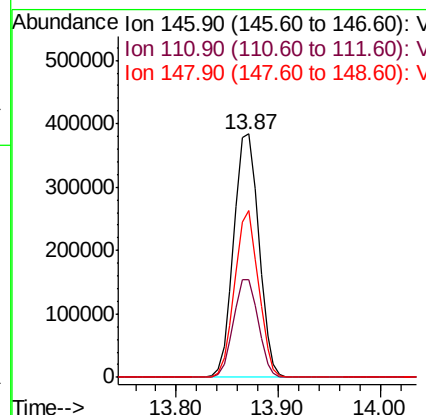
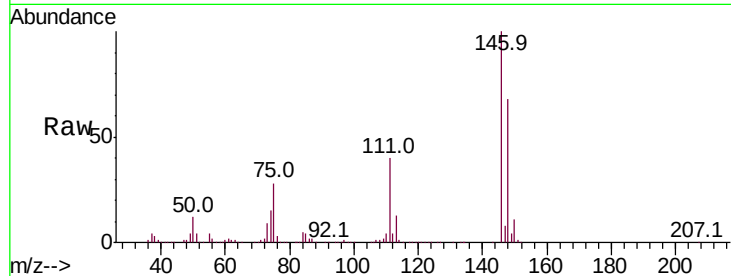




#91
 1,2-Dichlorobenzene
 Concen: 97.635 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

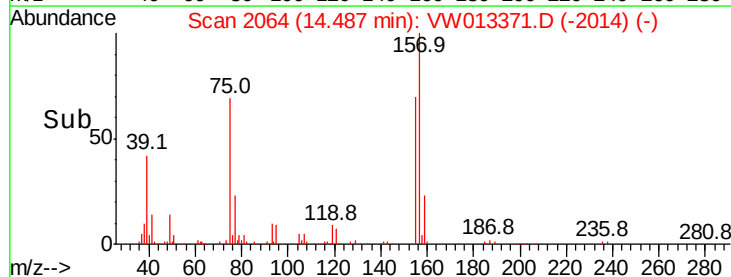
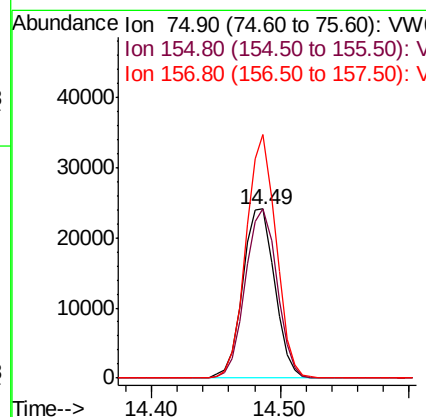
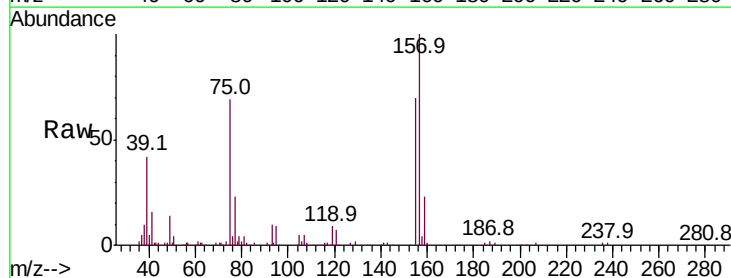
Instrument :
 MSVOA_W
 ClientSampleId :

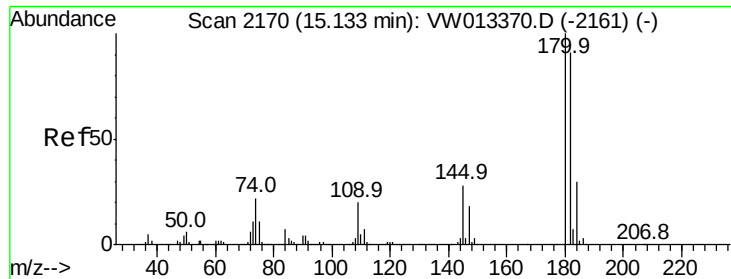
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.3
148	64.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.851 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013371.D
 Acq: 01 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	46.1	138.3
157	133.4	60.4	181.2

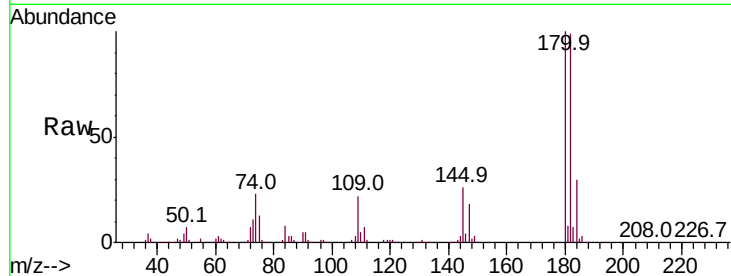




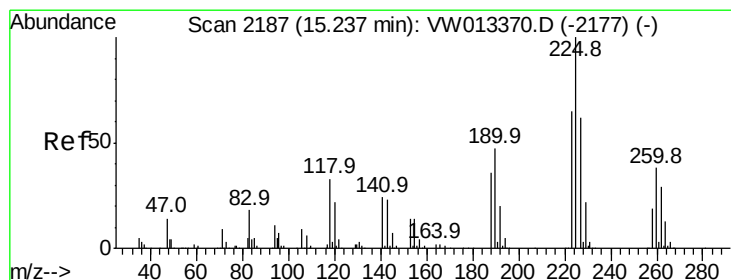
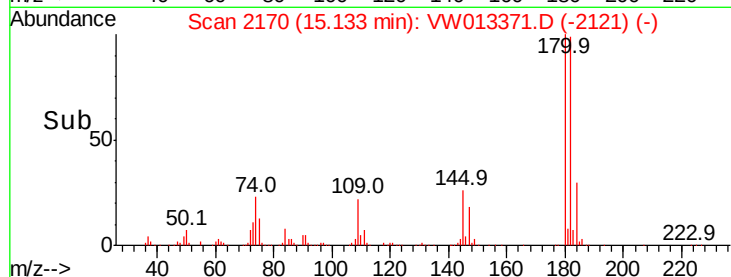
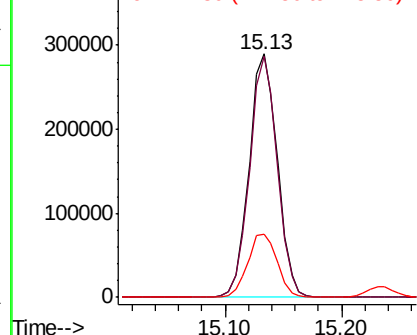
#93
1,2,4-Trichlorobenzene
Concen: 102.048 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:180 Resp: 489019
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 27.2 14.2 42.8

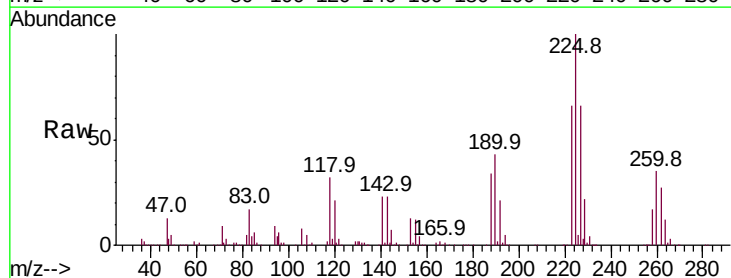


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

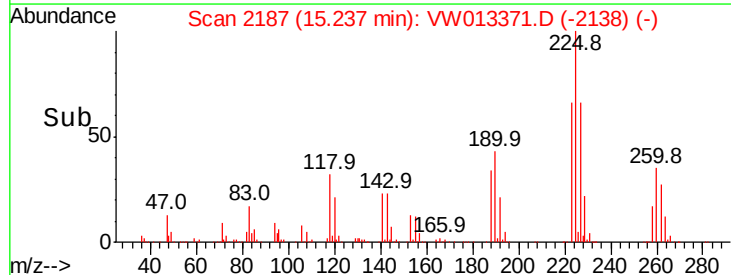
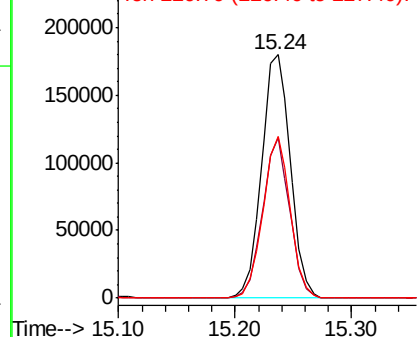


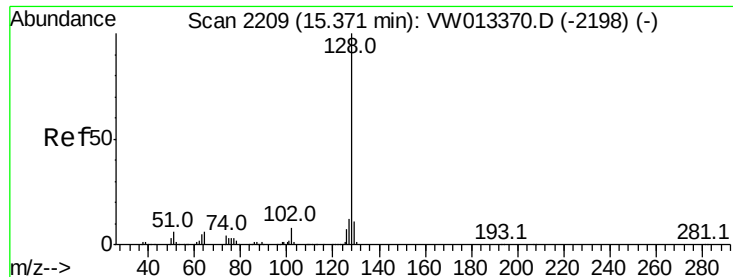
#94
Hexachlorobutadiene
Concen: 94.286 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion:225 Resp: 309114
Ion Ratio Lower Upper
225 100
223 62.4 30.6 91.8
227 63.0 31.9 95.9



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

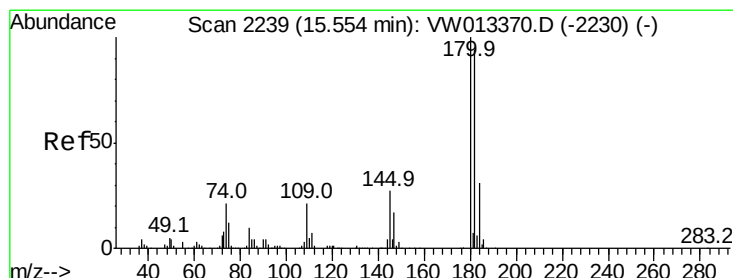
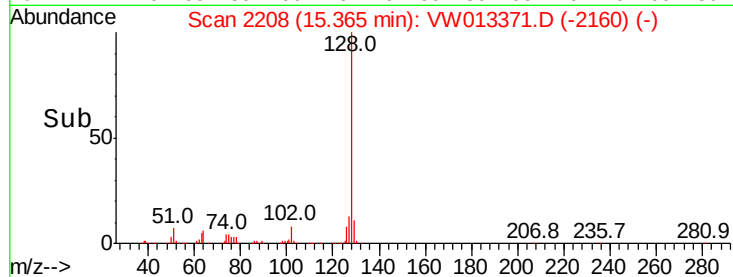
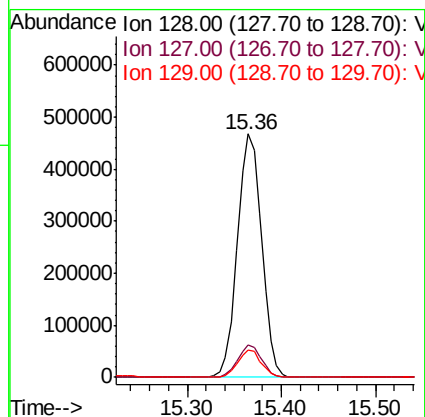
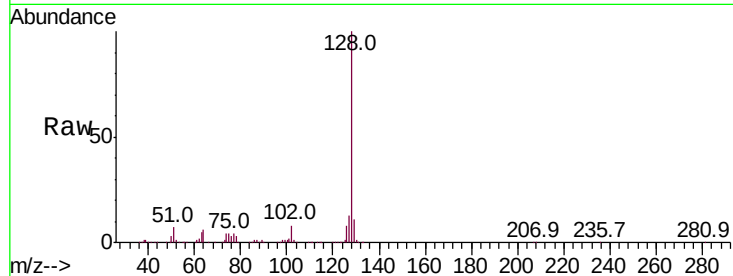




#95
Naphthalene
Concen: 106.672 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 101.013 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013371.D
Acq: 01 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.7
145	29.8	15.0	45.0

