

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015397.D
 Acq On : 05 May 2020 16:17
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: May 05 18:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	12315	6.74	ug/l	0.00
Spiked Amount			Recovery	=	13.48%	
35) Dibromofluoromethane	7.89	113	10596	5.42	ug/l	0.00
Spiked Amount			Recovery	=	10.84%	
50) Toluene-d8	10.32	98	43563	5.31	ug/l	0.00
Spiked Amount			Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.62	95	15672	5.04	ug/l	0.00
Spiked Amount			Recovery	=	10.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	5609	3.501	ug/l	95
3) Chloromethane	2.21	50	8097	4.604	ug/l	93
4) Vinyl Chloride	2.36	62	11488	5.269	ug/l	97
5) Bromomethane	2.78	94	9532	6.136	ug/l	90
6) Chloroethane	2.93	64	8326	6.053	ug/l	92
7) Trichlorofluoromethane	3.26	101	8172	2.870	ug/l	98
8) Diethyl Ether	3.68	74	5369	6.063	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9903	5.194	ug/l	100
10) Methyl Iodide	4.27	142	14883	7.065	ug/l	97
11) Tert butyl alcohol	5.12	59	353	2.473	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	10302	5.543	ug/l	97
13) Acrolein	3.90	56	4189	45.844	ug/l	88
14) Allyl chloride	4.67	41	17797	6.858	ug/l	98
15) Acrylonitrile	5.38	53	10089	29.214	ug/l	98
16) Acetone	4.14	43	9398	30.130	ug/l	98
17) Carbon Disulfide	4.38	76	30928	5.594	ug/l	98
18) Methyl Acetate	4.68	43	4847	5.829	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	16537	4.113	ug/l	94
20) Methylene Chloride	4.92	84	14833	7.331	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	11855	5.637	ug/l	95
22) Diisopropyl ether	6.31	45	33878	6.766	ug/l	95
23) Vinyl Acetate	6.26	43	100082	33.754	ug/l	100
24) 1,1-Dichloroethane	6.21	63	20899	6.207	ug/l	98
25) 2-Butanone	7.18	43	14053	32.708	ug/l	97
26) 2,2-Dichloropropane	7.17	77	15052	4.584	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12355	5.431	ug/l	96
28) Bromochloromethane	7.51	49	8248	6.645	ug/l	96
29) Tetrahydrofuran	7.54	42	8766	32.264	ug/l	100
30) Chloroform	7.68	83	21034	5.886	ug/l	96
31) Cyclohexane	7.95	56	24970	7.360	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	17498	5.170	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17304	5.344	ug/l	99
37) Ethyl Acetate	7.25	43	6450	5.898	ug/l	99
38) Carbon Tetrachloride	8.07	117	15947	4.608	ug/l	97

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 Data File : VW015397.D
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: May 05 18:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22029	5.155	ug/l	97
40) Benzene	8.32	78	47169	5.458	ug/l	98
41) Methacrylonitrile	7.49	41	4232	6.422	ug/l	93
42) 1,2-Dichloroethane	8.40	62	14058	5.469	ug/l	99
43) Isopropyl Acetate	8.43	43	13674	6.017	ug/l	99
44) Trichloroethene	9.09	130	12014	4.657	ug/l	99
45) 1,2-Dichloropropane	9.37	63	11618	5.708	ug/l	100
46) Dibromomethane	9.46	93	5597	4.867	ug/l	97
47) Bromodichloromethane	9.65	83	14953	4.846	ug/l	94
48) Methyl methacrylate	9.44	41	5858	5.479	ug/l	90
49) 1,4-Dioxane	9.47	88	1429	94.143	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	30884	28.836	ug/l	99
52) Toluene	10.38	92	30016	5.017	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	14803	4.847	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	17917	5.033	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	8166	5.069	ug/l	98
56) Ethyl methacrylate	10.65	69	10507	5.002	ug/l	92
57) 1,3-Dichloropropane	10.93	76	14119	5.226	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	25441	26.029	ug/l	99
59) 2-Hexanone	10.97	43	20594	27.224	ug/l	99
60) Dibromochloromethane	11.13	129	9039	4.312	ug/l	98
61) 1,2-Dibromoethane	11.23	107	7399	4.726	ug/l	98
64) Tetrachloroethene	10.86	164	9747	4.428	ug/l	96
65) Chlorobenzene	11.65	112	30946	5.011	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	10851	4.896	ug/l	98
67) Ethyl Benzene	11.73	91	59684	5.162	ug/l	98
68) m/p-Xylenes	11.84	106	43779	9.760	ug/l	99
69) o-Xylene	12.16	106	20330	4.839	ug/l	99
70) Styrene	12.18	104	34116	4.756	ug/l	99
71) Bromoform	12.35	173	4856	3.951	ug/l #	98
73) Isopropylbenzene	12.46	105	56105	5.265	ug/l	99
74) N-amyl acetate	12.27	43	13300	6.797	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	8590	5.554	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	11716	9.618	ug/l #	100
77) Bromobenzene	12.74	156	12203	5.080	ug/l	97
78) n-propylbenzene	12.80	91	69035	5.542	ug/l	99
79) 2-Chlorotoluene	12.89	91	39096	5.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	48528	5.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2913	5.282	ug/l	98
82) 4-Chlorotoluene	12.99	91	40890	5.493	ug/l	99
83) tert-Butylbenzene	13.21	119	40699	5.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	48975	5.417	ug/l	100
85) sec-Butylbenzene	13.38	105	58402	5.287	ug/l	100
86) p-Isopropyltoluene	13.50	119	53054	5.198	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	24210	5.042	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	24491	5.201	ug/l	93
89) n-Butylbenzene	13.82	91	51334	5.423	ug/l	99
90) Hexachloroethane	14.10	117	9708	5.176	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	20732	4.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1511	5.472	ug/l	97

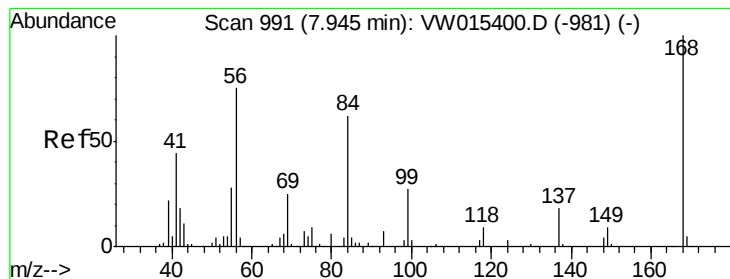
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
Data File : VW015397.D
Acq On : 05 May 2020 16:17
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: May 05 18:27:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
Quant Title : SW846 8260
QLast Update : Tue May 05 18:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	14158	4.934	ug/l	97
94) Hexachlorobutadiene	15.24	225	8363	4.417	ug/l	99
95) Naphthalene	15.36	128	23424	4.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	11985	5.100	ug/l	100

(#) = 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: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

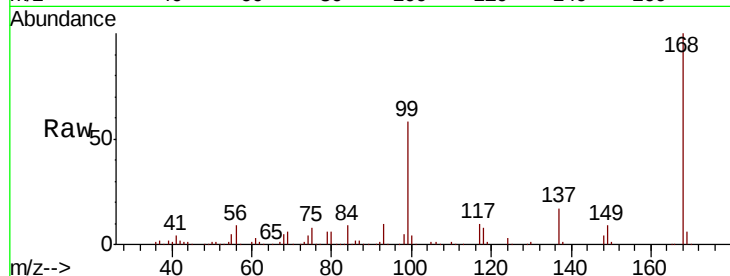
VSTDIC005

Tot Ion:168 Resp: 210879

Ion Ratio Lower Upper

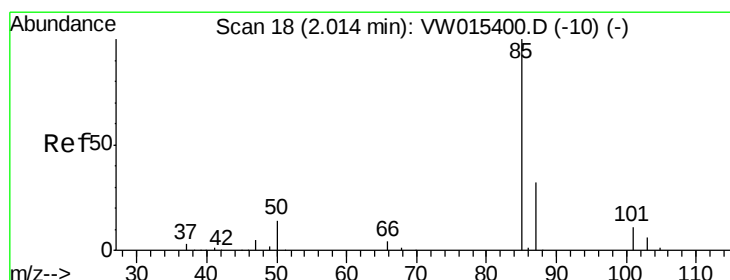
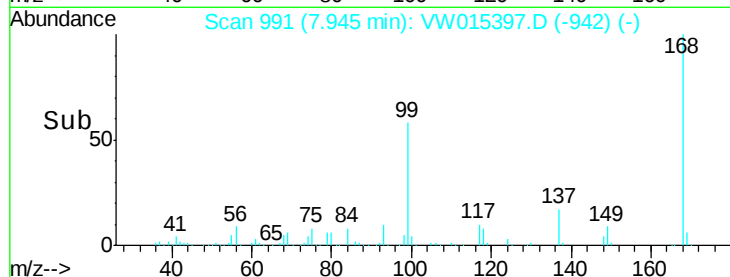
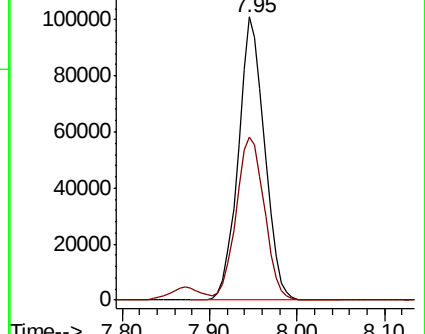
168 100

99 57.6 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.501 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW015397.D

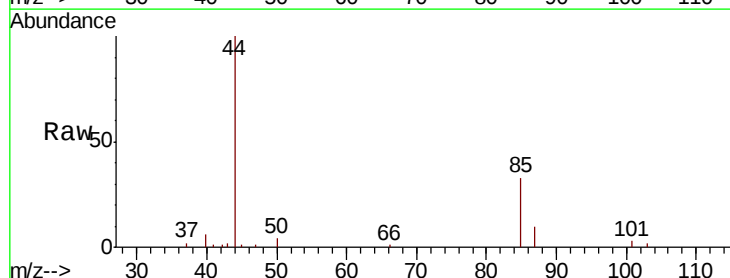
Acq: 05 May 2020 16:17

Tgt Ion: 85 Resp: 5609

Ion Ratio Lower Upper

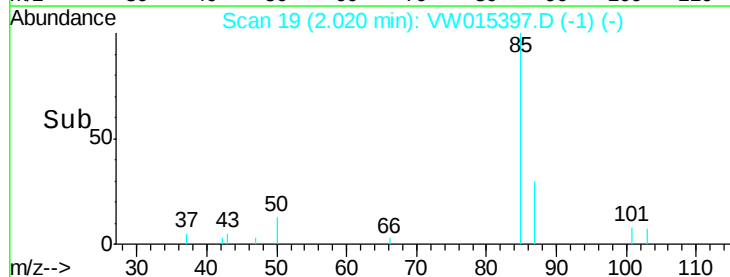
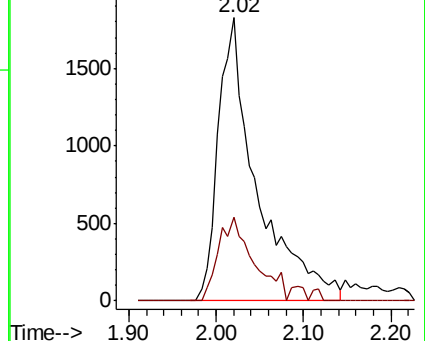
85 100

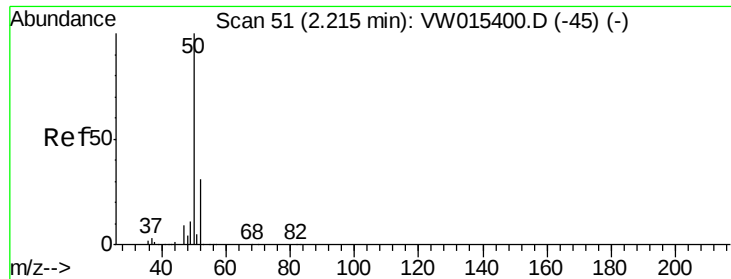
87 29.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 4.604 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

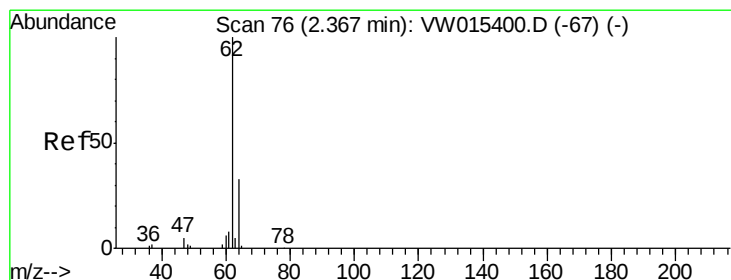
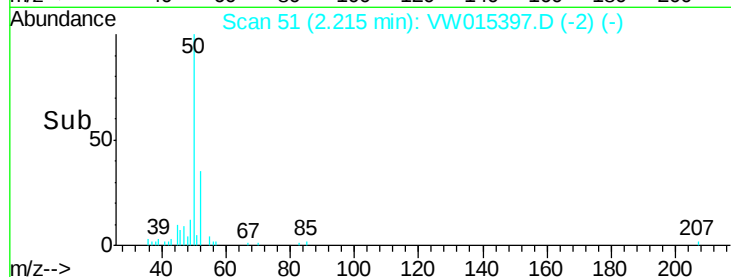
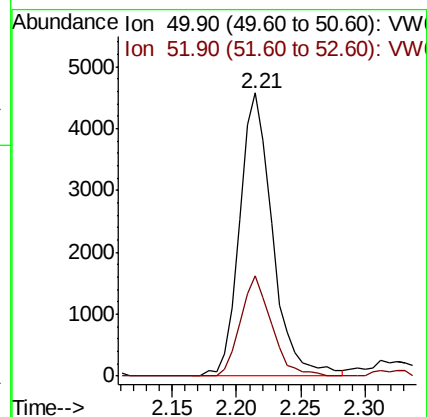
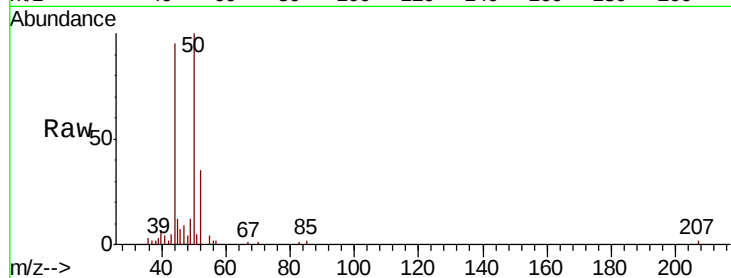
VSTDIC005

Tot Ion: 50 Resp: 8097

Ion Ratio Lower Upper

50 100

52 35.4 25.0 37.6



#4

Vinyl Chloride

Concen: 5.269 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015397.D

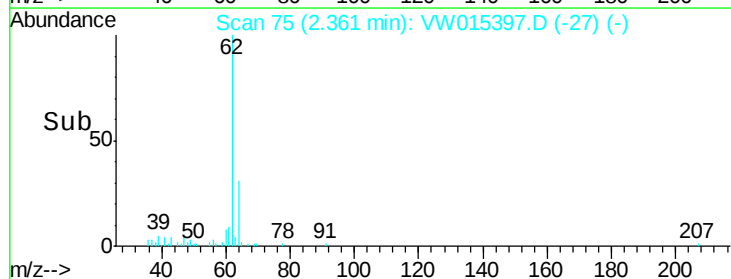
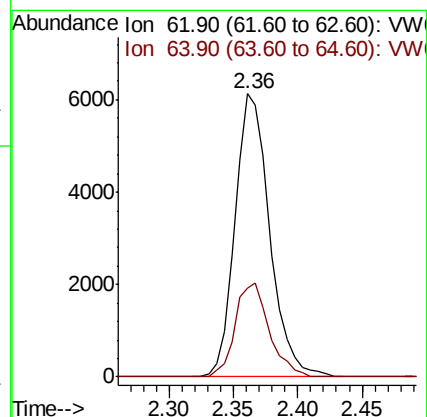
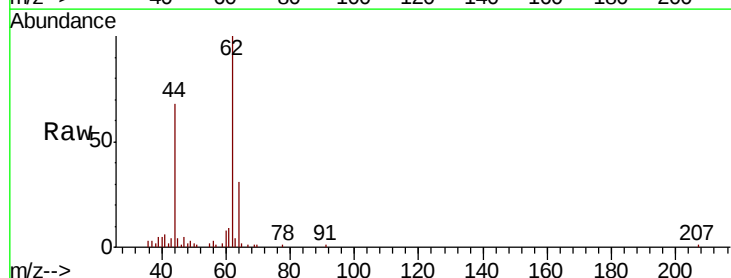
Acq: 05 May 2020 16:17

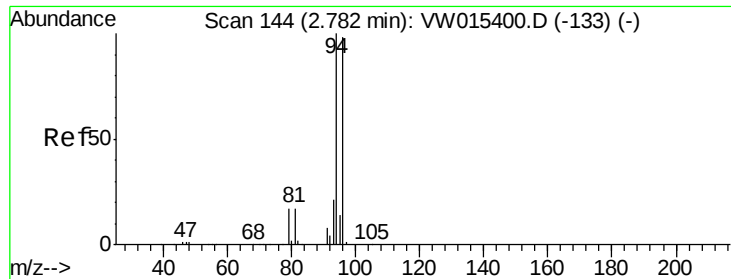
Tgt Ion: 62 Resp: 11488

Ion Ratio Lower Upper

62 100

64 31.3 26.4 39.6





#5

Bromomethane

Concen: 6.136 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

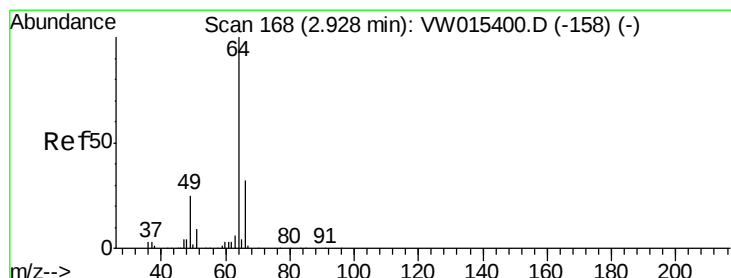
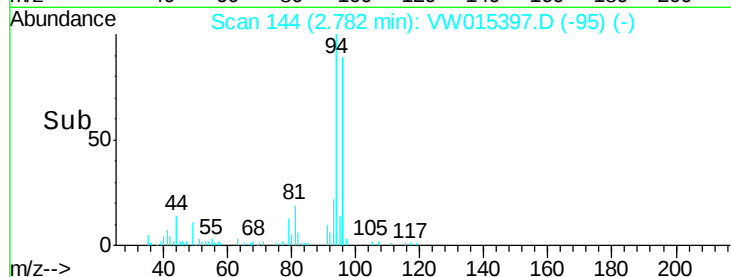
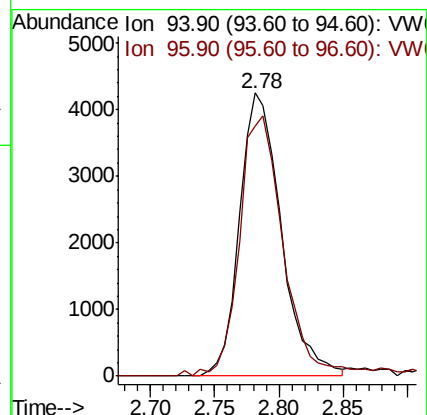
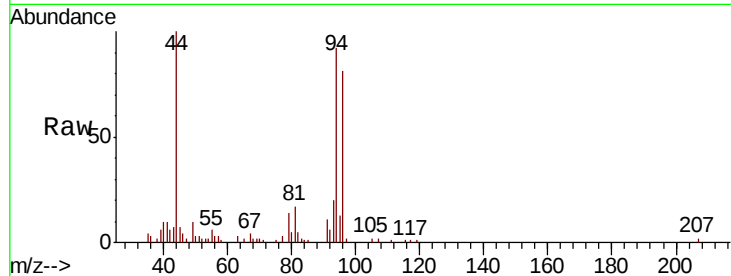
VSTDIC005

Tot Ion: 94 Resp: 9532

Ion Ratio Lower Upper

94 100

96 88.5 78.8 118.2



#6

Chloroethane

Concen: 6.053 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015397.D

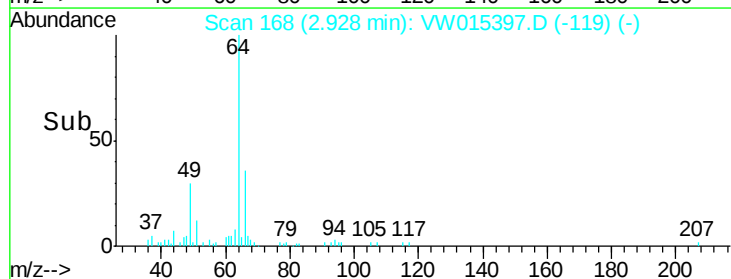
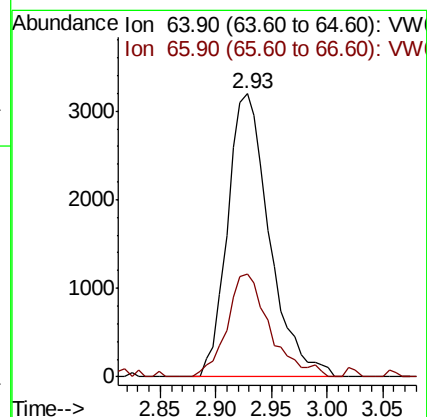
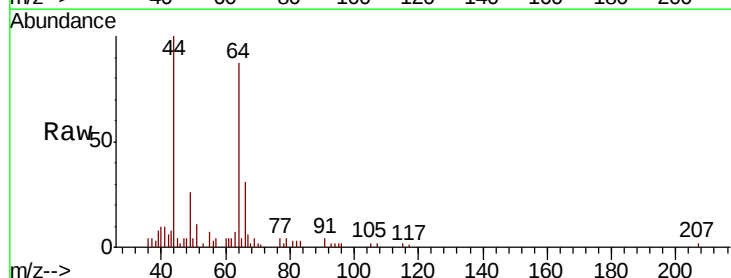
Acq: 05 May 2020 16:17

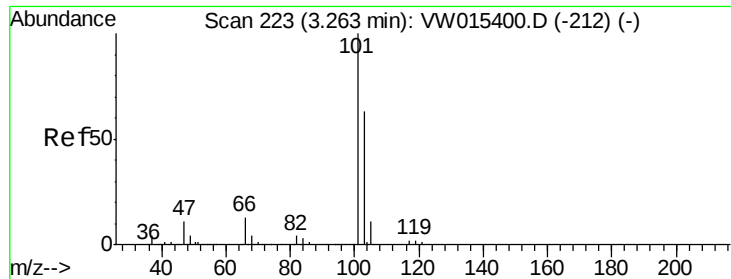
Tgt Ion: 64 Resp: 8326

Ion Ratio Lower Upper

64 100

66 36.2 25.4 38.0



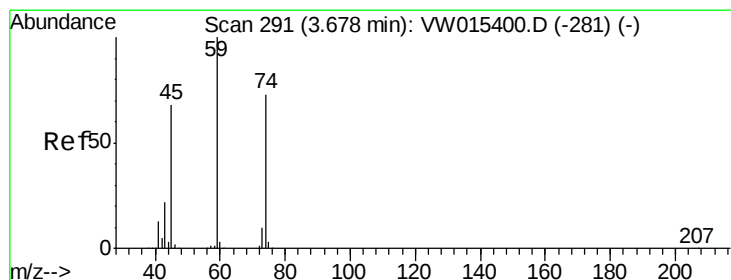
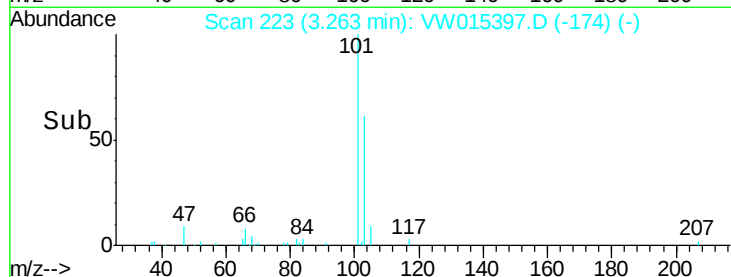
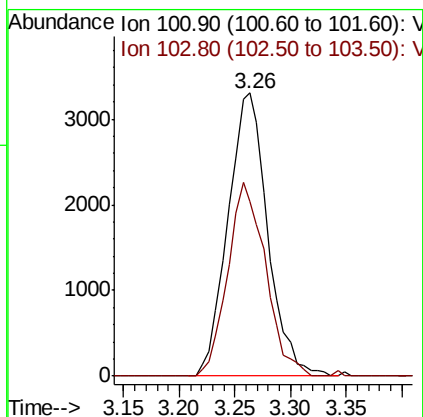
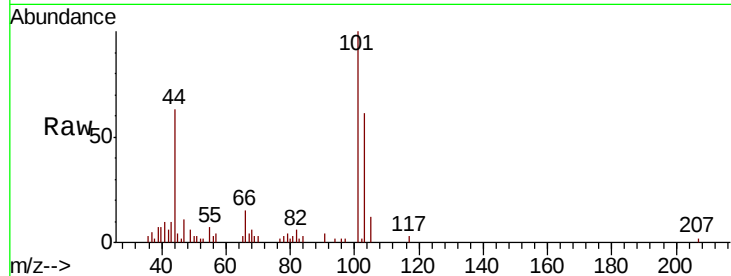


#7

Trichlorofluoromethane
 Concen: 2.870 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

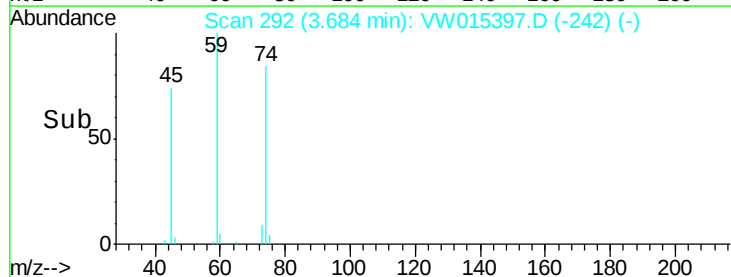
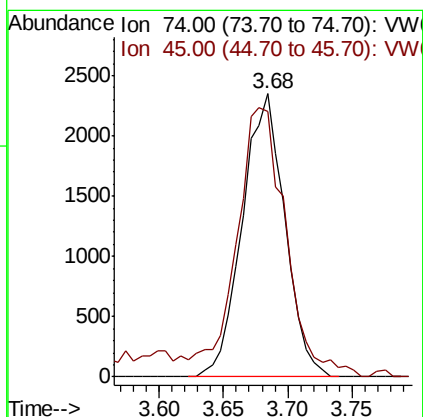
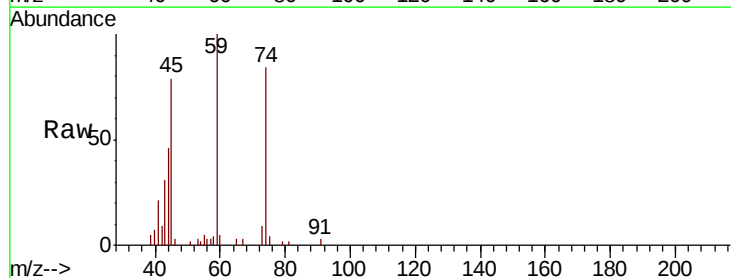
Tot Ion:101 Resp: 8172
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.2 75.4

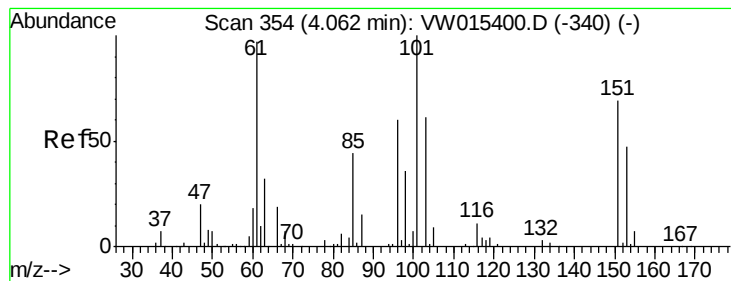


#8

Diethyl Ether
 Concen: 6.063 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 74 Resp: 5369
 Ion Ratio Lower Upper
 74 100
 45 110.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.194 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

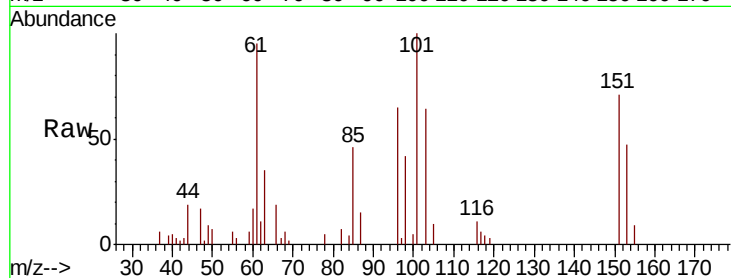
Tot Ion:101 Resp: 9903

Ion Ratio Lower Upper

101 100

85 47.1 37.3 55.9

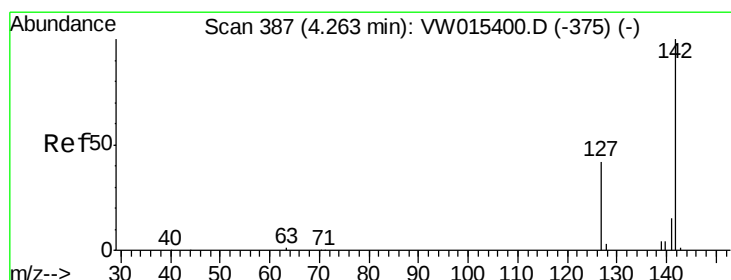
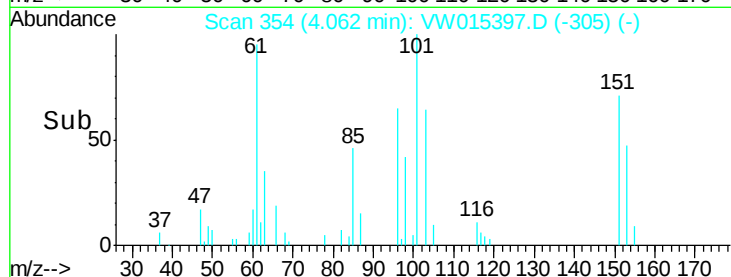
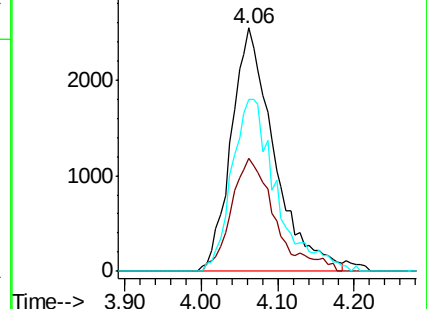
151 73.6 58.9 88.3



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: 7.065 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

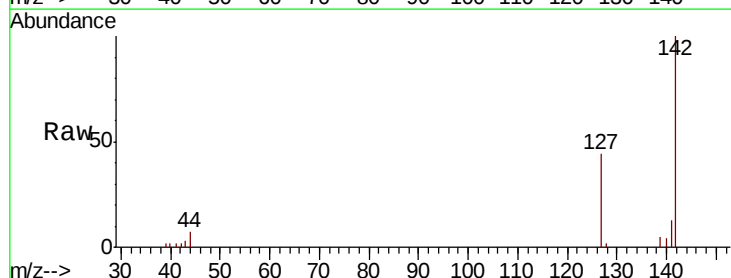
Tgt Ion:142 Resp: 14883

Ion Ratio Lower Upper

142 100

127 46.2 35.4 53.2

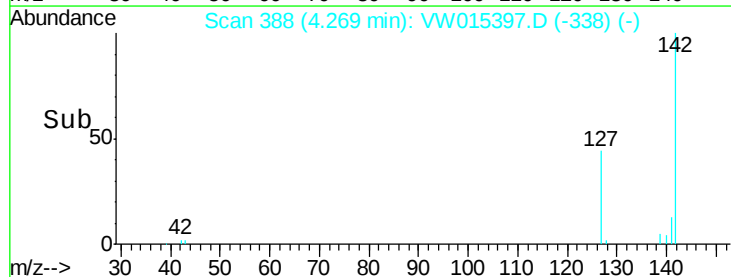
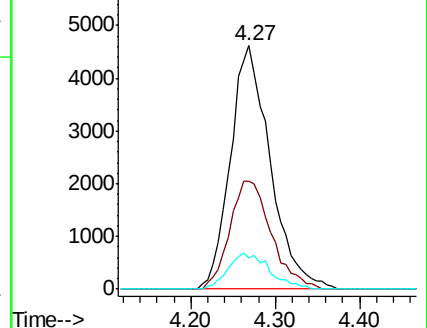
141 15.3 11.7 17.5

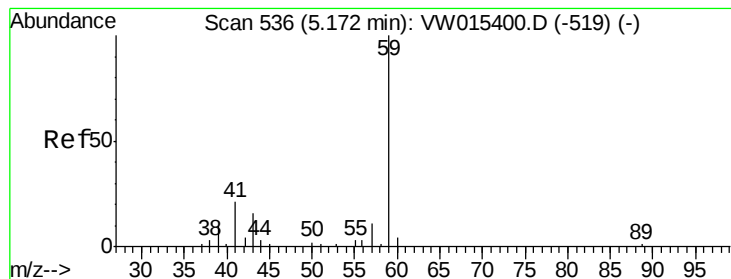


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



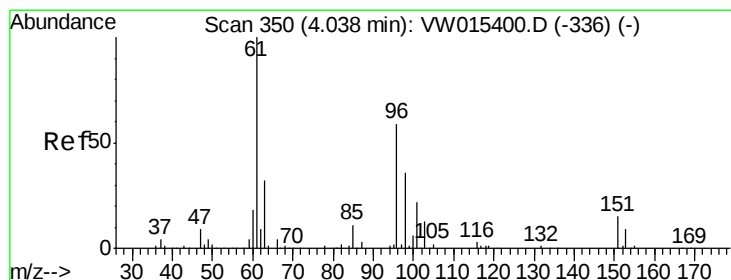
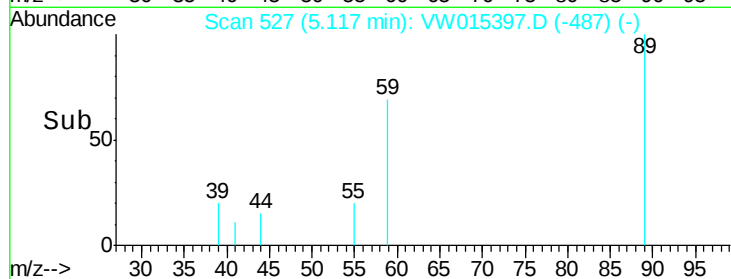
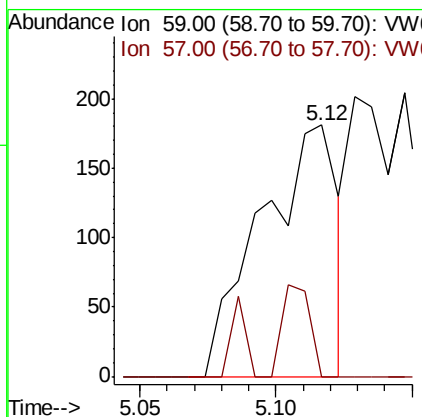
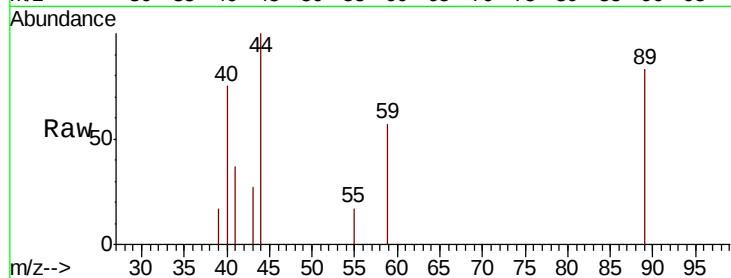


#11

Tert butyl alcohol
 Concen: 2.473 ug/l
 RT: 5.12 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

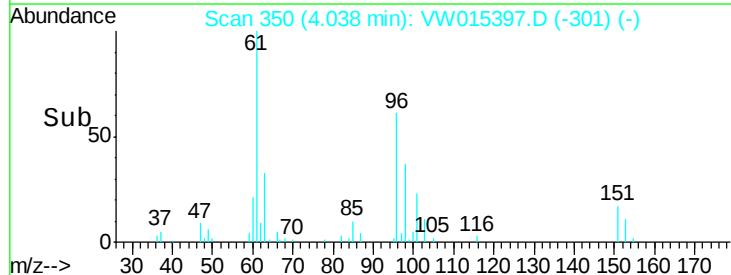
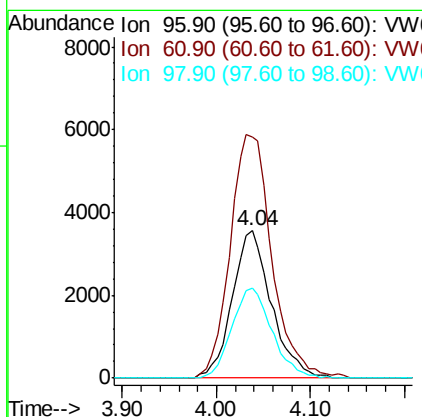
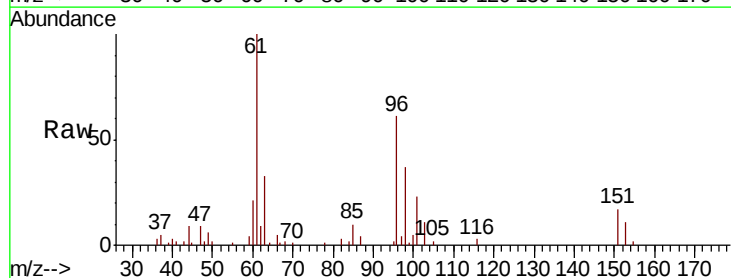
Tot Ion: 59 Resp: 353
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

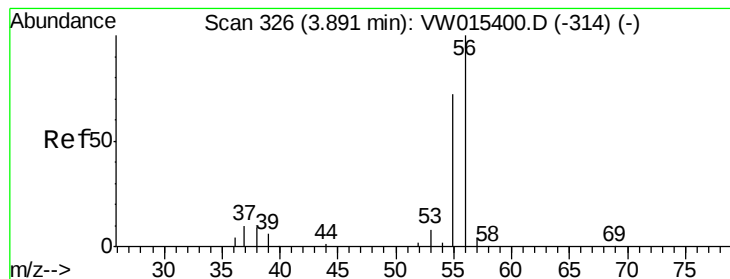


#12

1,1-Dichloroethene
 Concen: 5.543 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 96 Resp: 10302
 Ion Ratio Lower Upper
 96 100
 61 163.6 135.8 203.8
 98 60.7 48.6 72.8





#13

Acrolein

Concen: 45.844 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

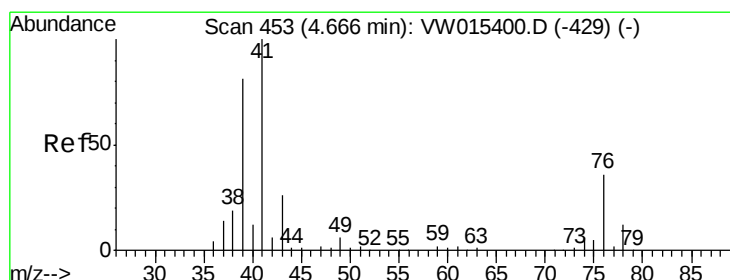
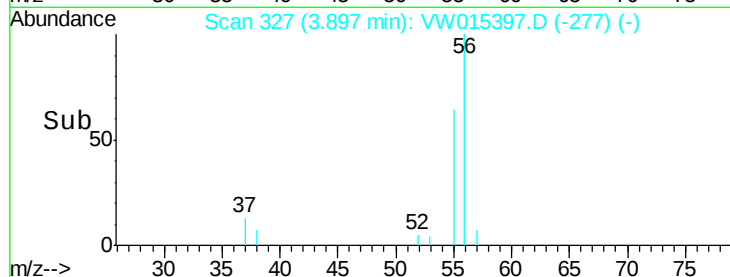
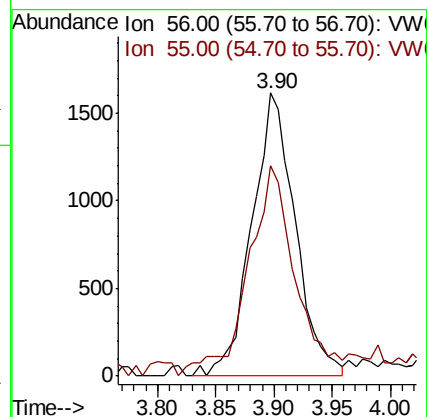
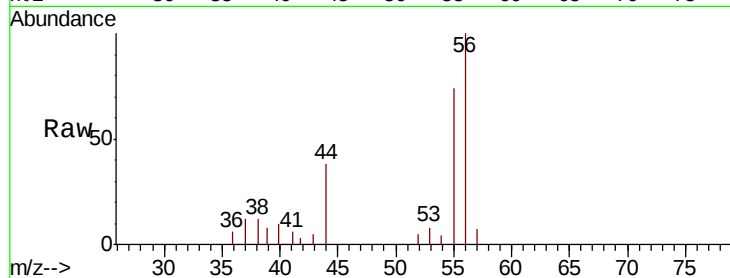
VSTDIC005

Tot Ion: 56 Resp: 4189

Ion Ratio Lower Upper

56 100

55 80.5 56.4 84.6



#14

Allyl chloride

Concen: 6.858 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

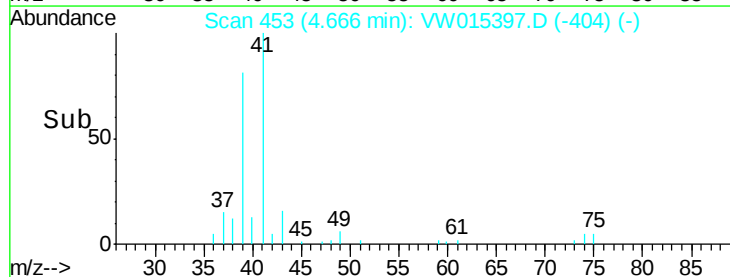
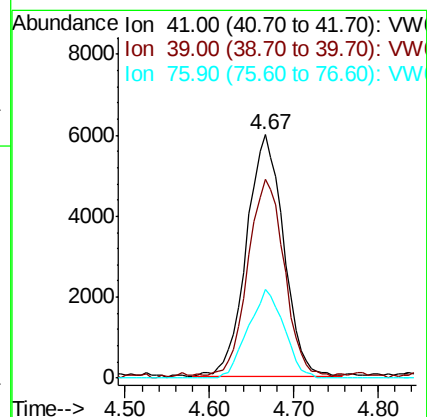
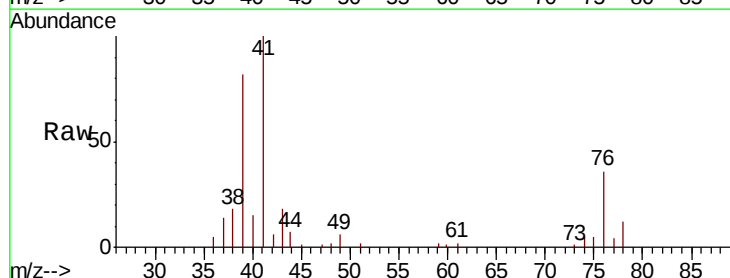
Tgt Ion: 41 Resp: 17797

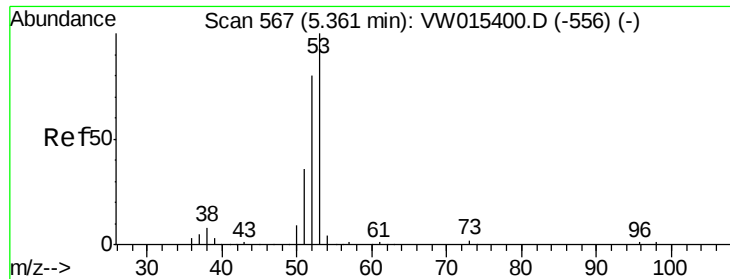
Ion Ratio Lower Upper

41 100

39 82.4 63.6 95.4

76 35.6 28.4 42.6





#15

Acrylonitrile

Concen: 29.214 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.02 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

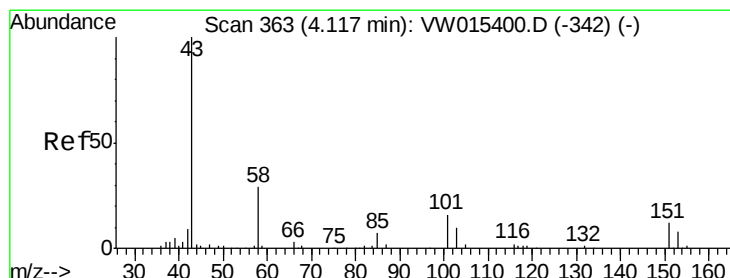
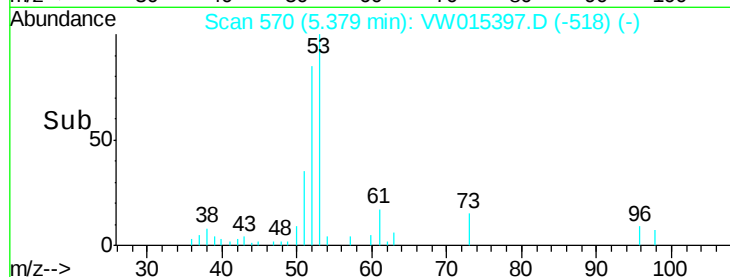
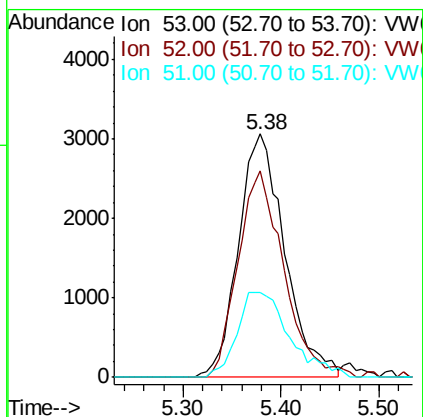
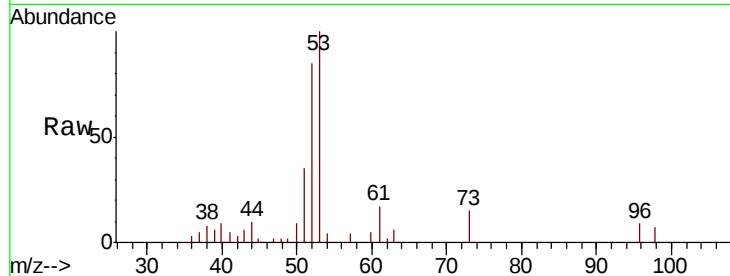
Tot Ion: 53 Resp: 10089

Ion Ratio Lower Upper

53 100

52 84.1 66.6 99.8

51 39.6 30.2 45.2



#16

Acetone

Concen: 30.130 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015397.D

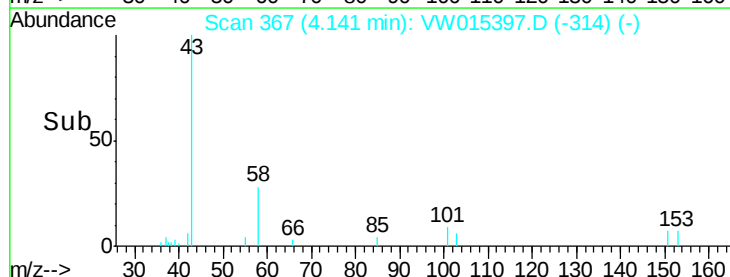
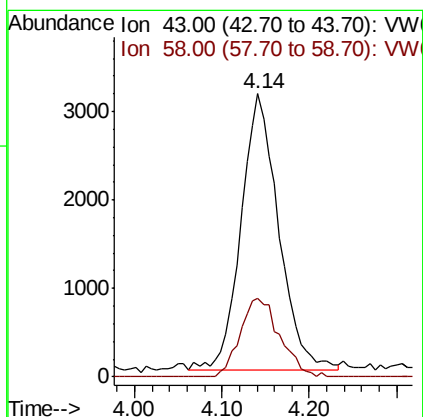
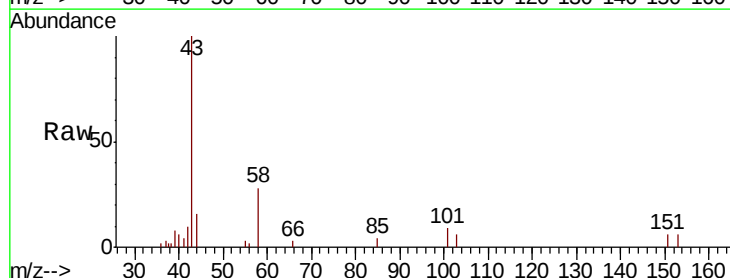
Acq: 05 May 2020 16:17

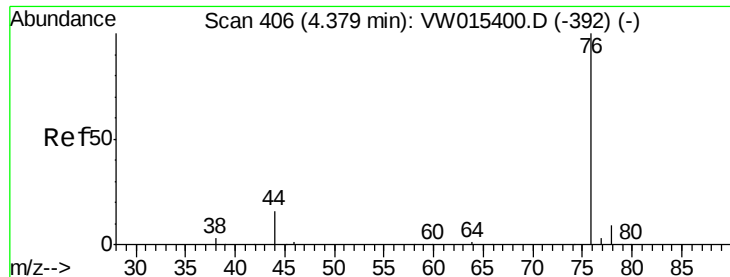
Tgt Ion: 43 Resp: 9398

Ion Ratio Lower Upper

43 100

58 28.2 23.4 35.0

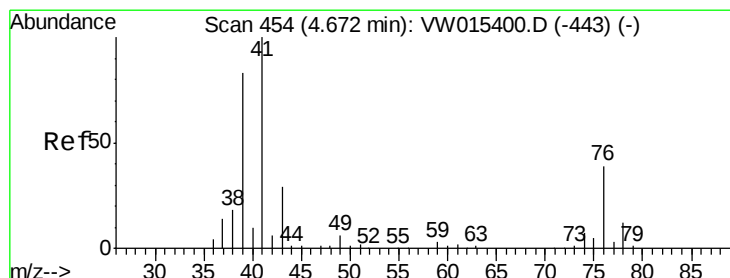
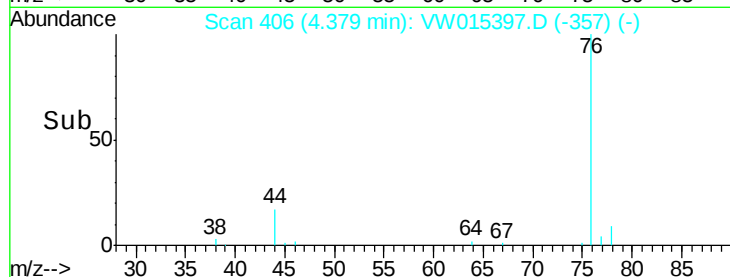
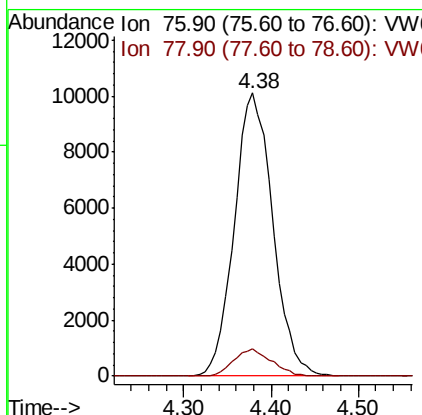
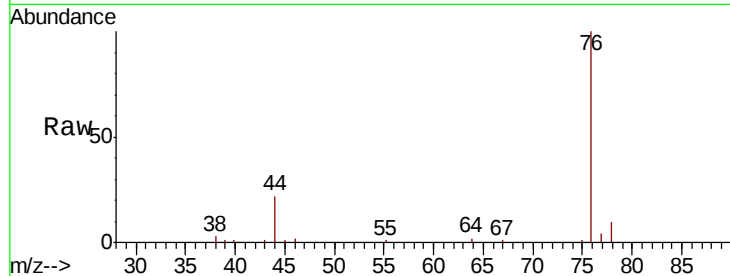




#17
Carbon Disulfide
Concen: 5.594 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

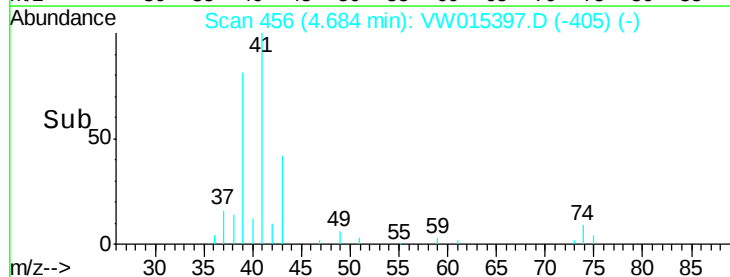
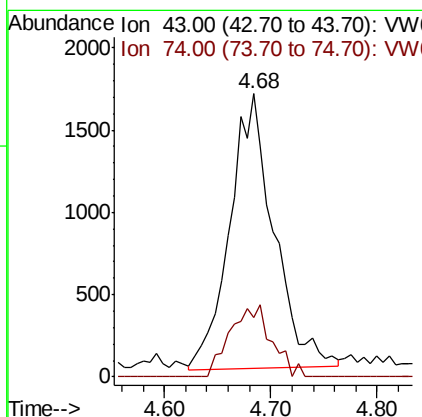
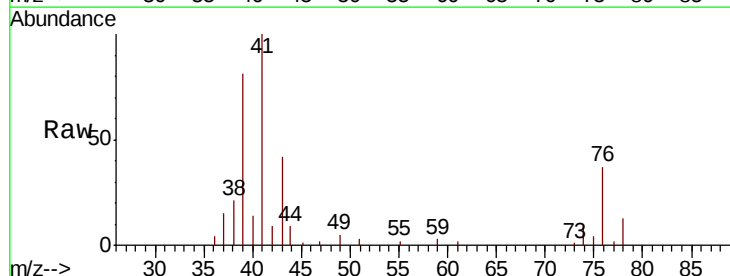
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

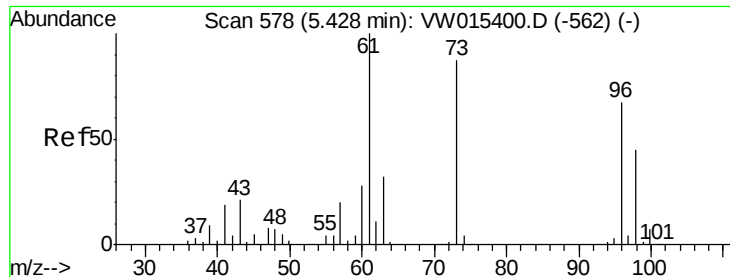
Tot Ion: 76 Resp: 30928
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 5.829 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
74 24.5 18.7 28.1

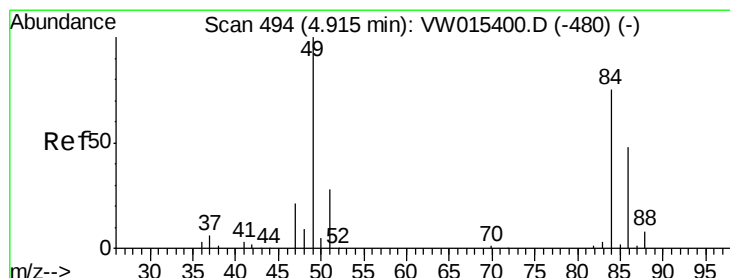
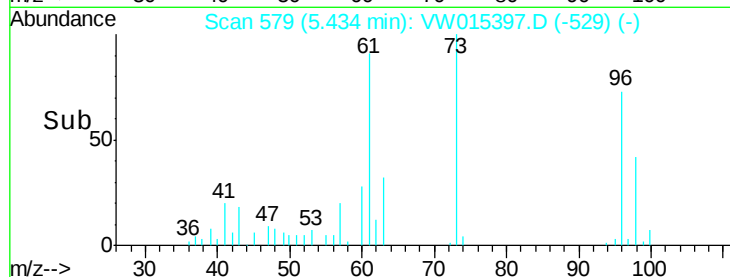
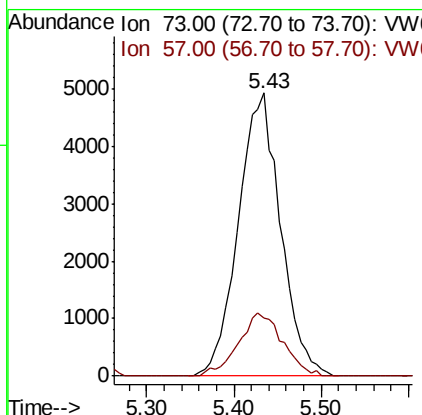
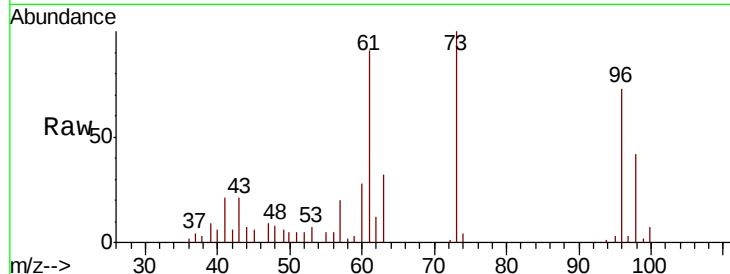




#19
Methvl tert-butvl Ether
Concen: 4.113 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

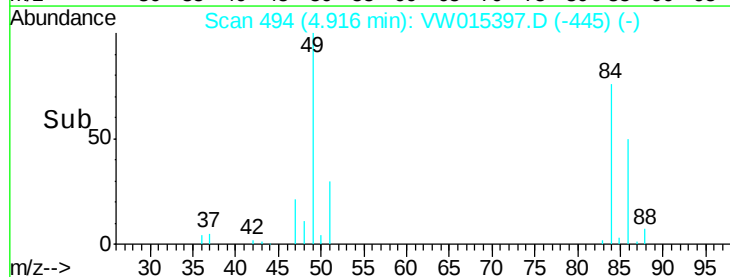
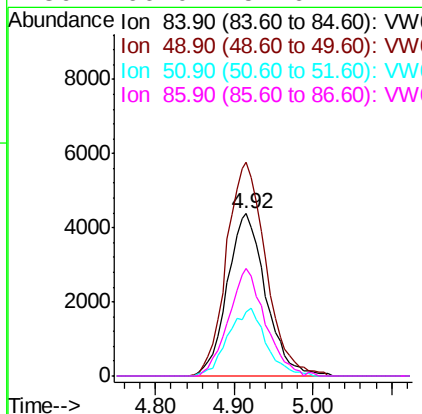
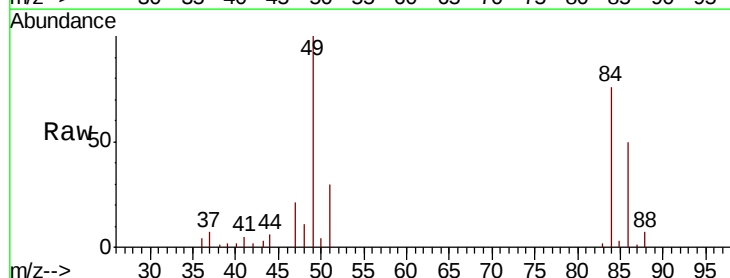
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

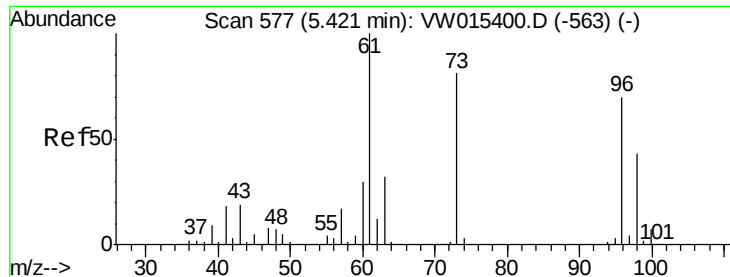
Tot Ion: 73 Resp: 16537
Ion Ratio Lower Upper
73 100
57 20.4 18.5 27.7



#20
Methylene Chloride
Concen: 7.331 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 84 Resp: 14833
Ion Ratio Lower Upper
84 100
49 131.6 106.4 159.6
51 39.3 30.2 45.2
86 66.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 5.637 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

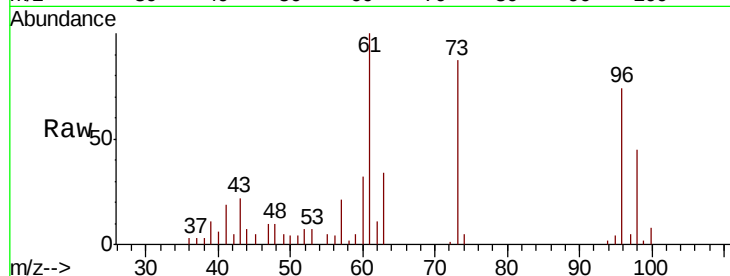
Tot Ion: 96 Resp: 11855

Ion Ratio Lower Upper

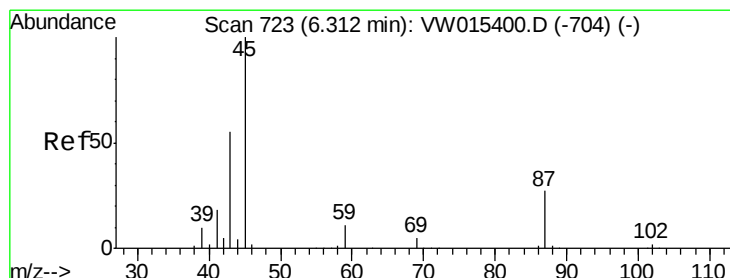
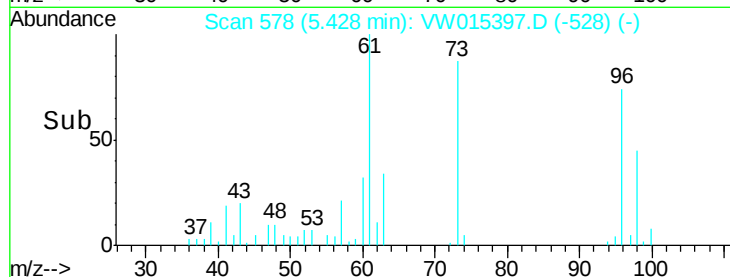
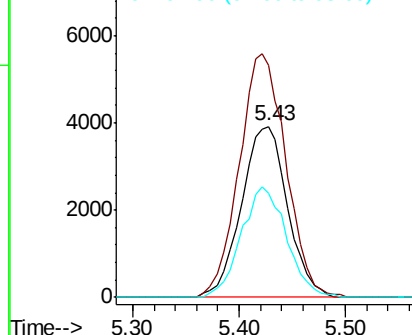
96 100

61 135.3 114.9 172.3

98 60.7 49.4 74.0



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



#22

Diisopropyl ether

Concen: 6.766 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Tgt Ion: 45 Resp: 33878

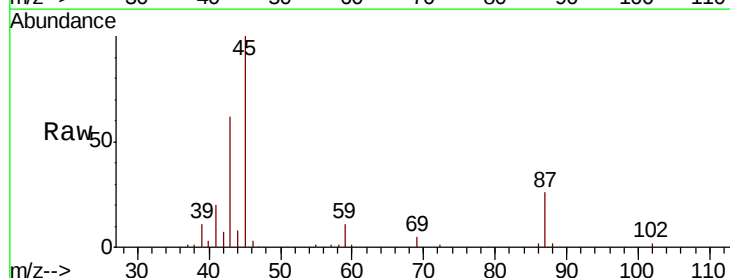
Ion Ratio Lower Upper

45 100

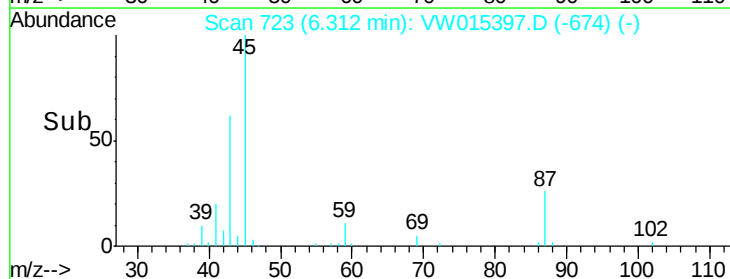
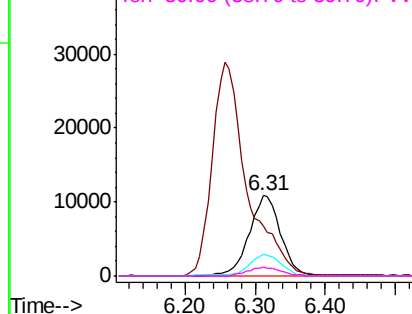
43 60.8 44.2 66.4

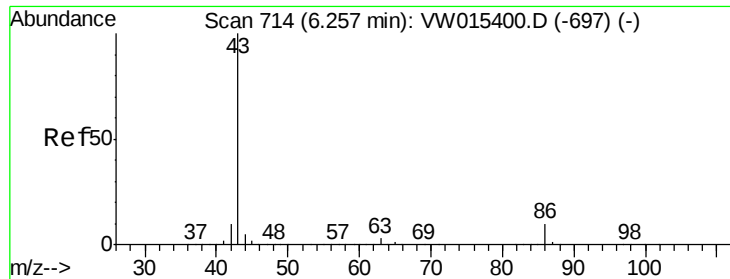
87 26.4 21.6 32.4

59 11.3 9.0 13.6



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





#23

Vinyl Acetate

Concen: 33.754 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

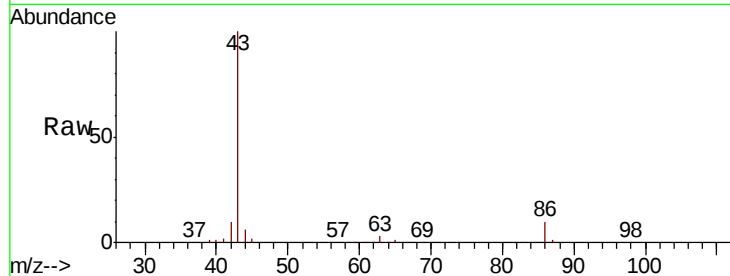
VSTDIC005

Tot Ion: 43 Resp: 100082

Ion Ratio Lower Upper

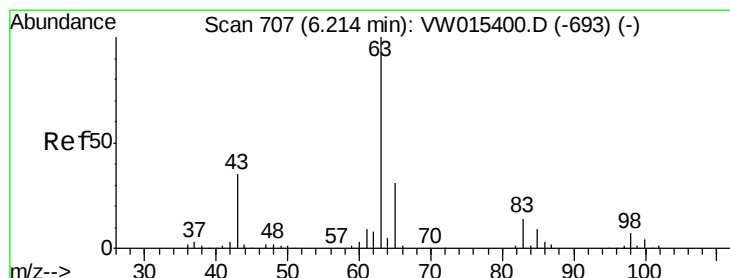
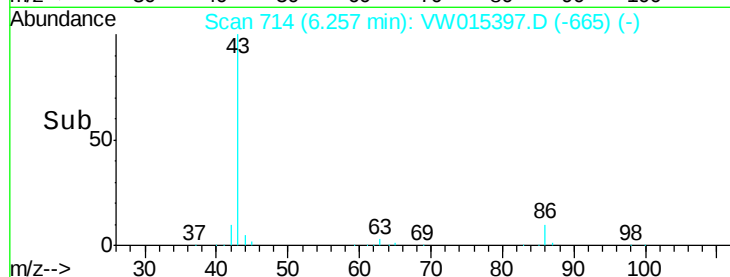
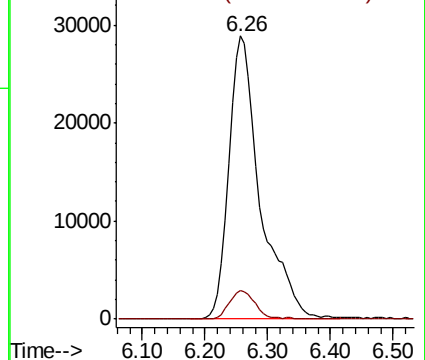
43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 6.207 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

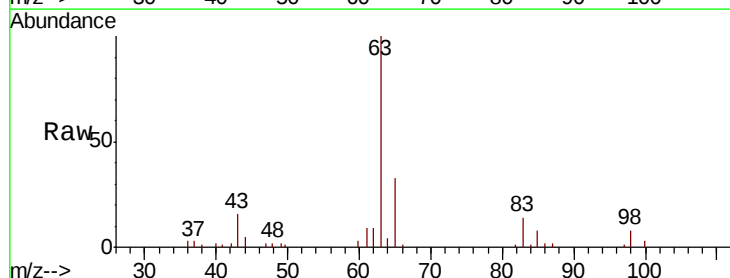
Tgt Ion: 63 Resp: 20899

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

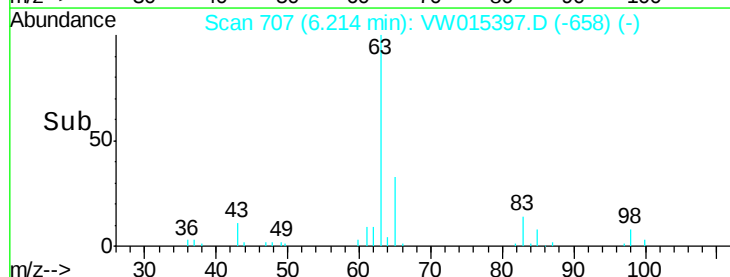
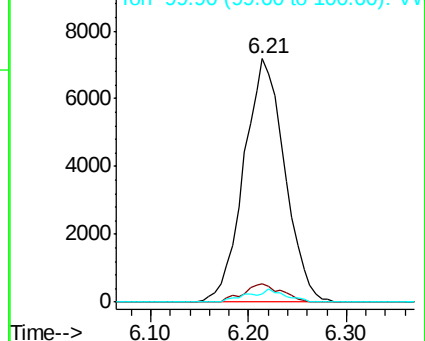
100 3.3 2.1 6.5

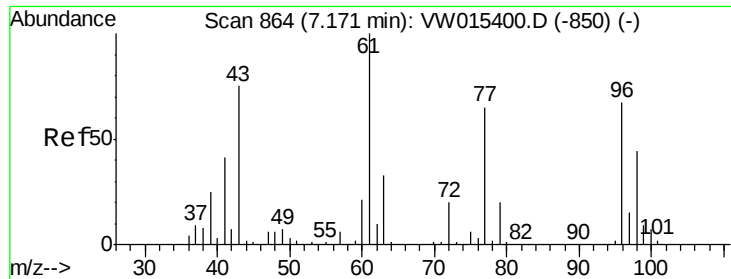


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

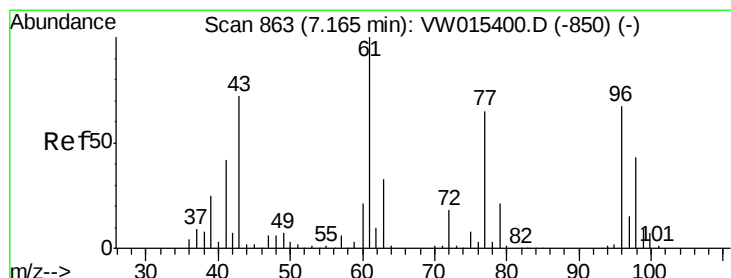
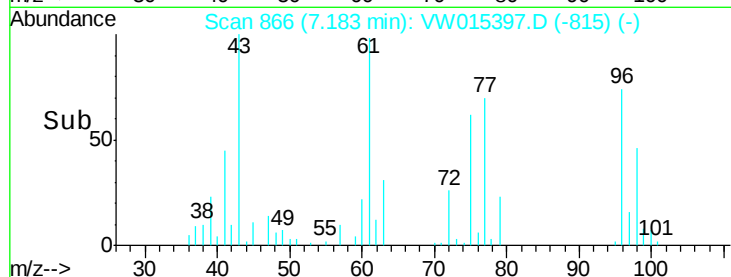
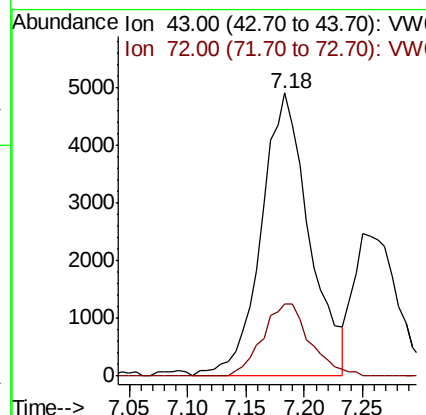
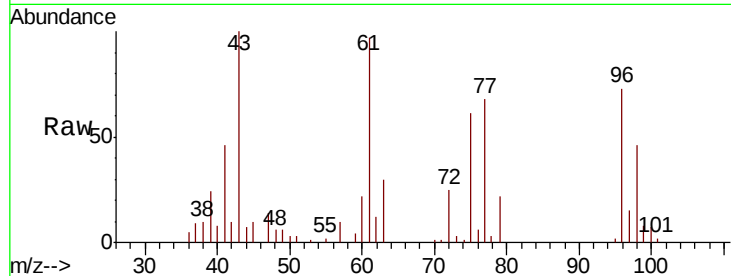




#25
2-Butanone
Concen: 32.708 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

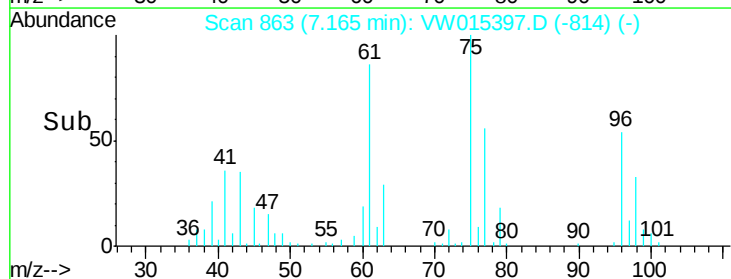
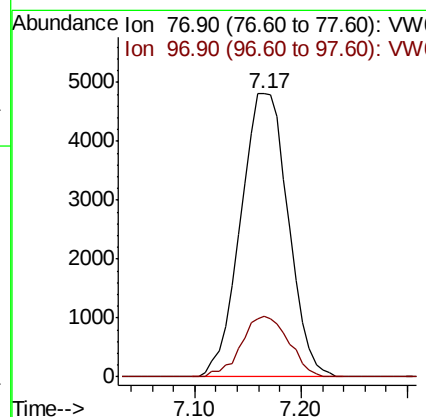
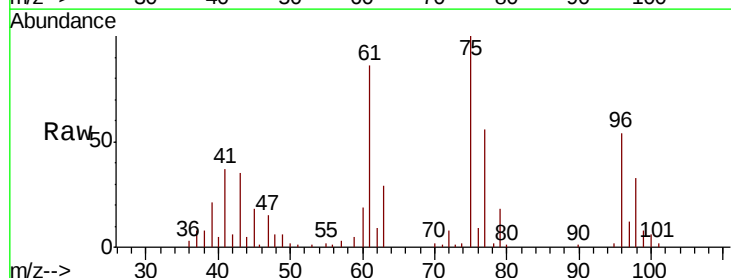
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

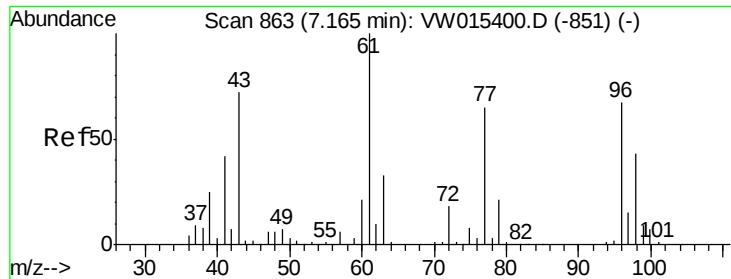
Tot Ion: 43 Resp: 14053
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.0



#26
2,2-Dichloropropane
Concen: 4.584 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 77 Resp: 15052
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 5.431 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

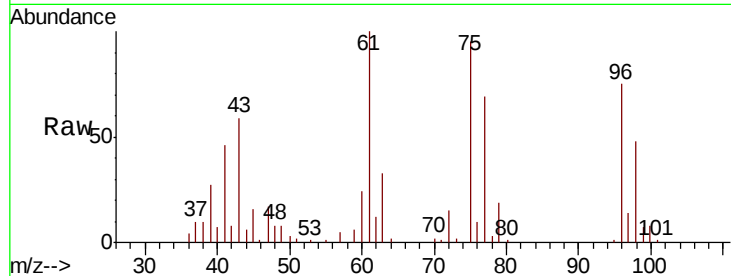
Tot Ion: 96 Resp: 12355

Ion Ratio Lower Upper

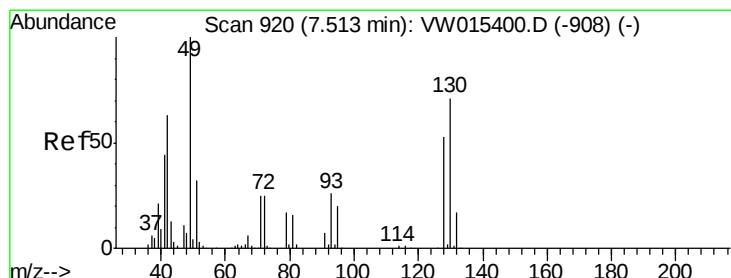
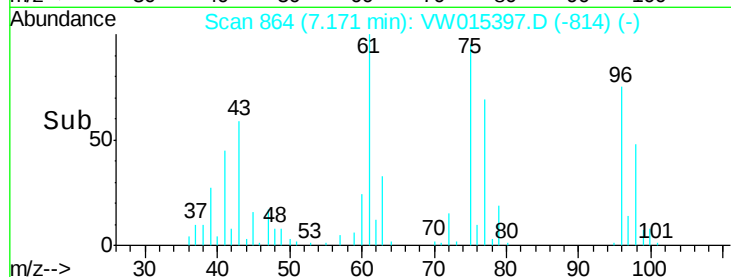
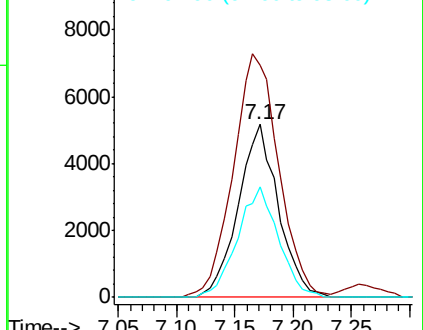
96 100

61 159.5 0.0 304.6

98 65.4 0.0 129.2



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



#28

Bromochloromethane

Concen: 6.645 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

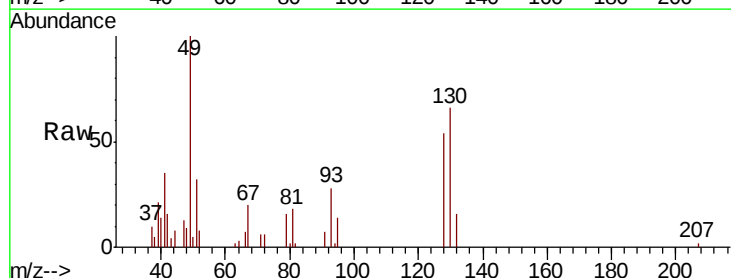
Tgt Ion: 49 Resp: 8248

Ion Ratio Lower Upper

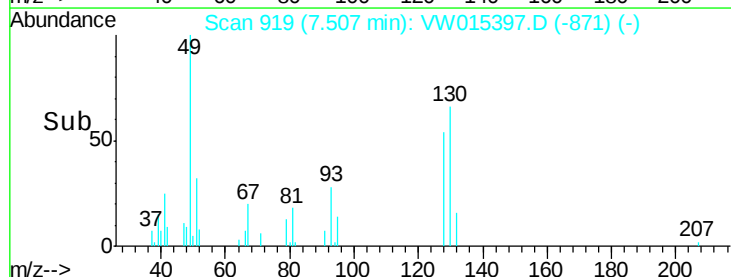
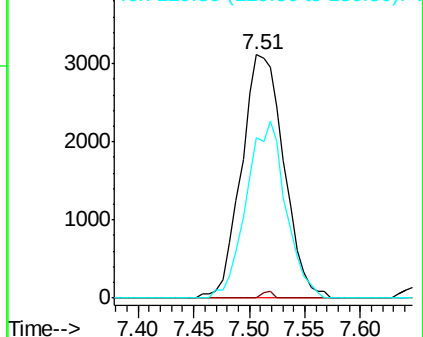
49 100

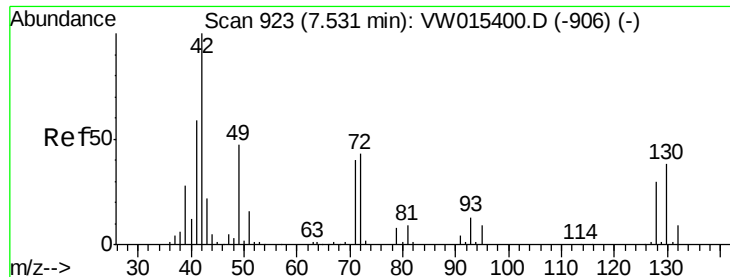
129 0.7 0.0 3.0

130 67.5 57.0 85.4



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

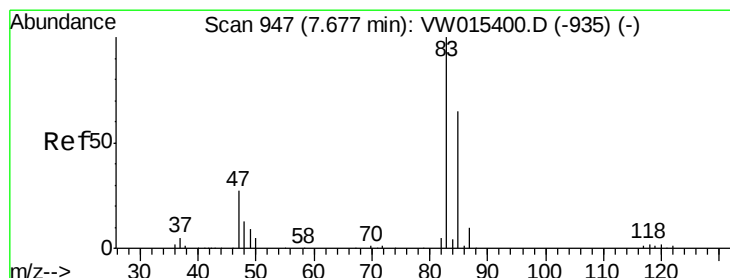
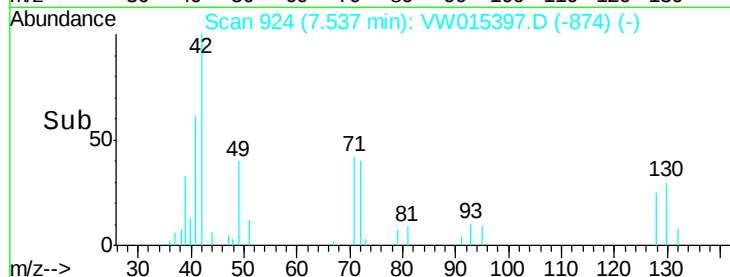
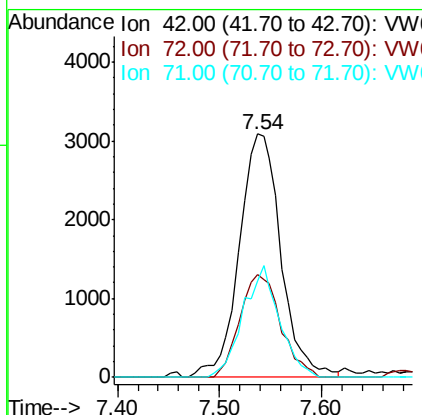
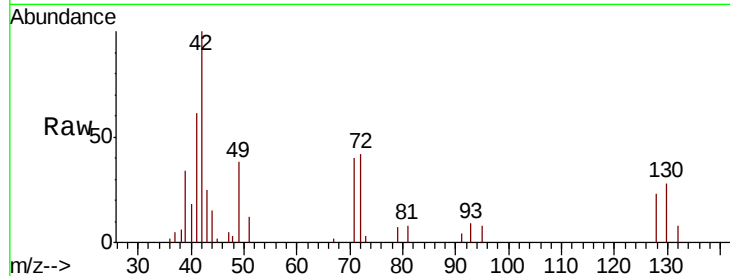




#29
Tetrahydrofuran
Concen: 32.264 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

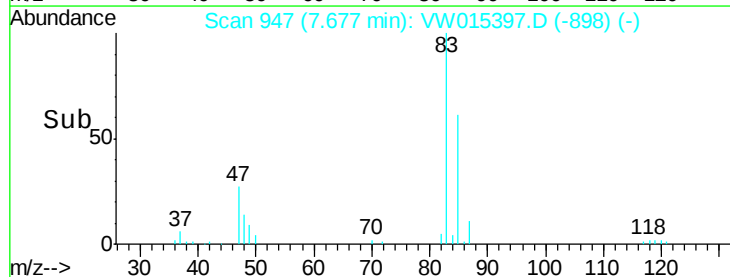
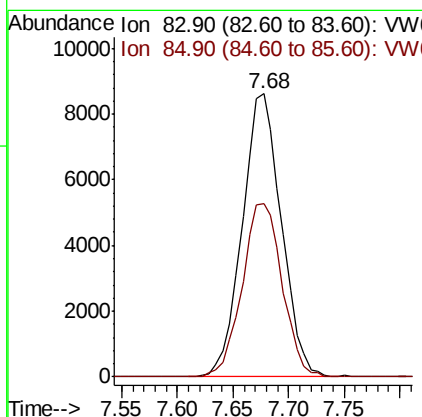
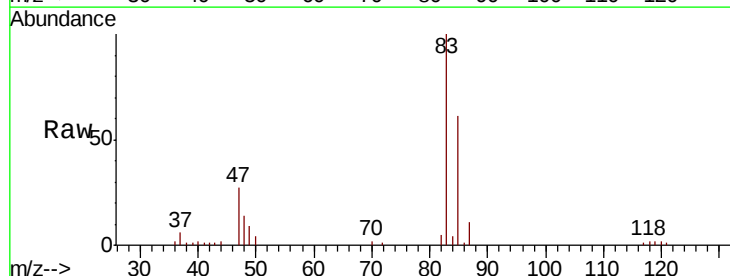
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

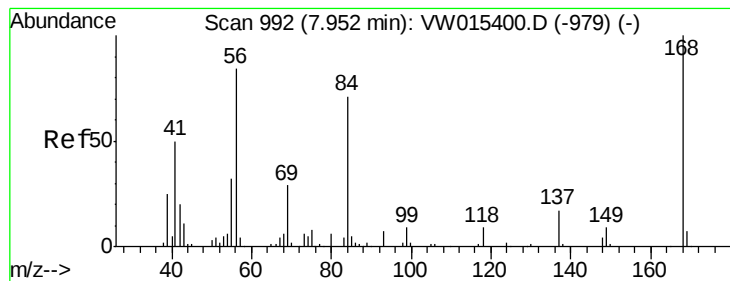
Tot Ion: 42 Resp: 8766
Ion Ratio Lower Upper
42 100
72 41.4 33.6 50.4
71 40.1 32.1 48.1



#30
Chloroform
Concen: 5.886 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 83 Resp: 21034
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.6





#31

Cyclohexane

Concen: 7.360 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

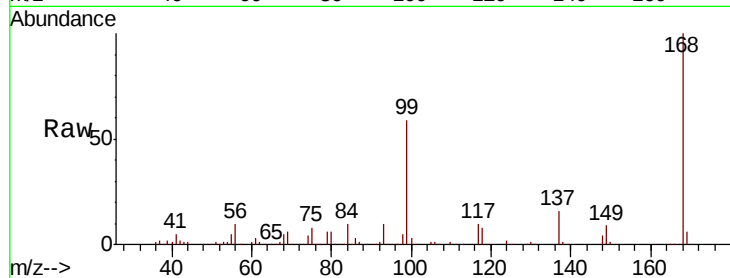
Tot Ion: 56 Resp: 24970

Ion Ratio Lower Upper

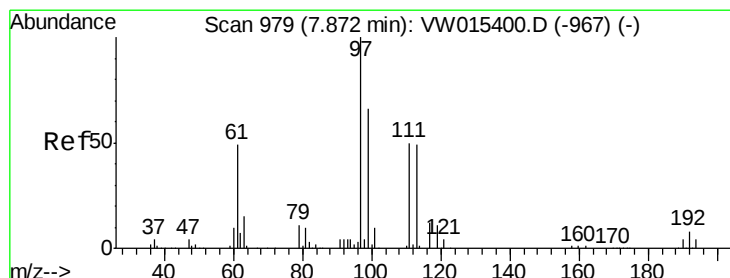
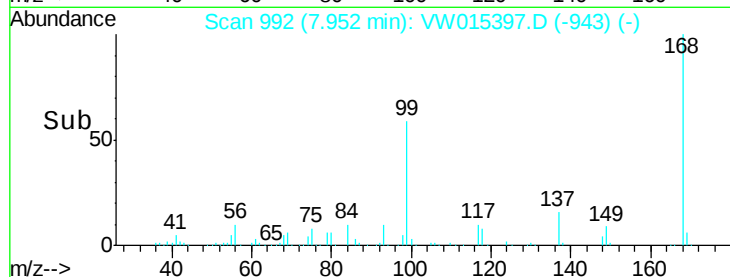
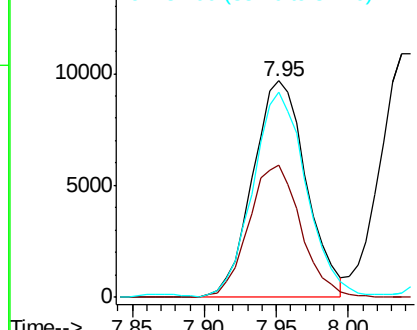
56 100

69 60.9 27.2 40.8#

84 93.7 67.7 101.5



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: 5.170 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

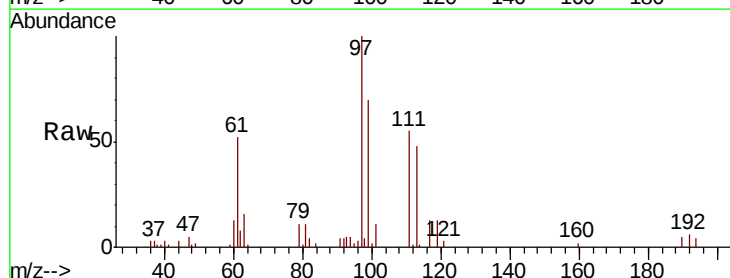
Tgt Ion: 97 Resp: 17498

Ion Ratio Lower Upper

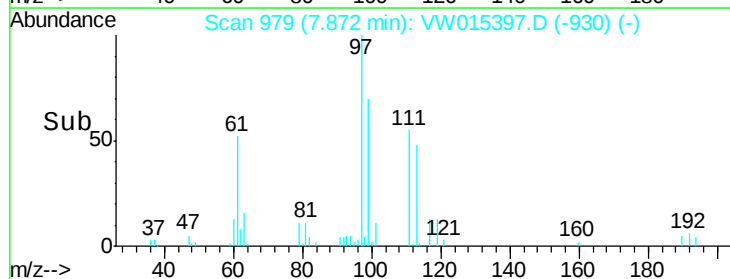
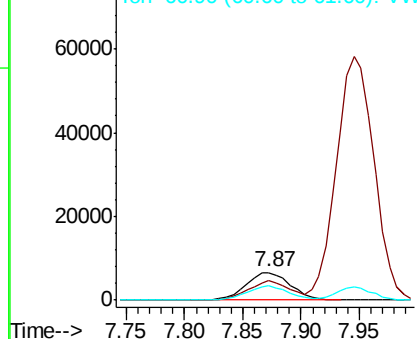
97 100

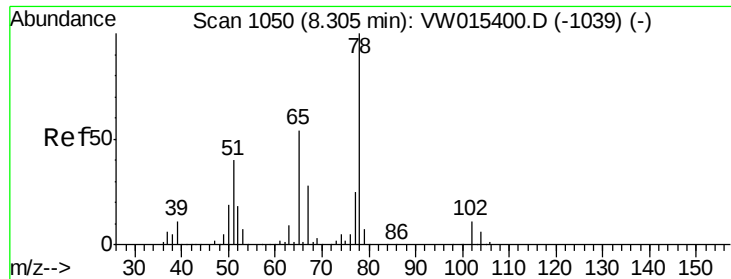
99 65.2 50.7 76.1

61 48.3 38.0 57.0



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

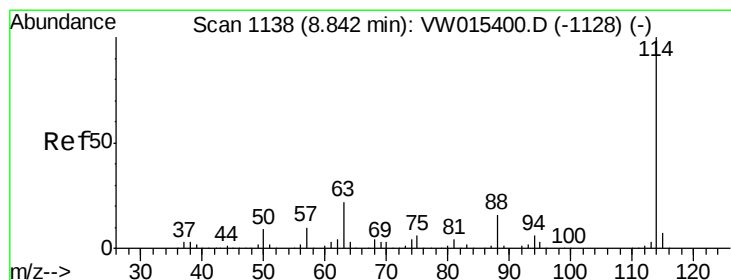
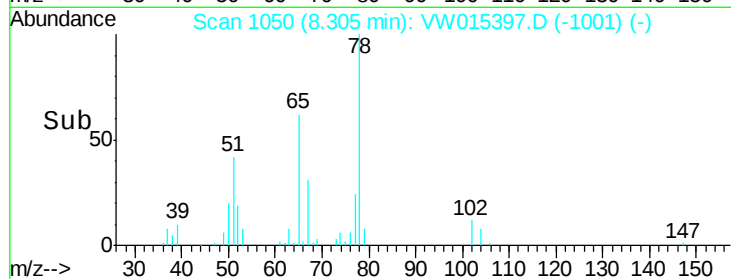
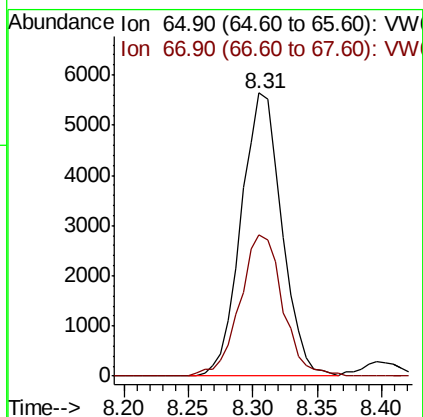
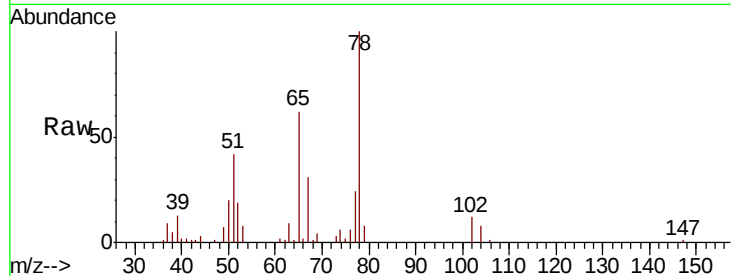




#33
 1,2-Dichloroethane-d4
 Concen: 6.744 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

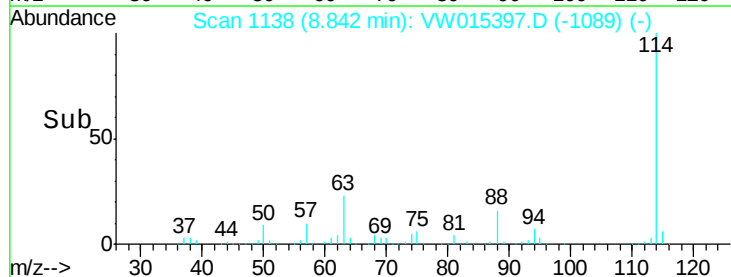
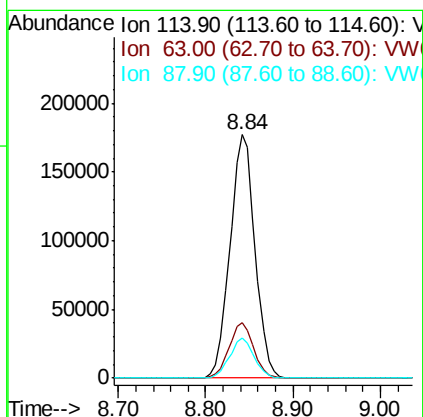
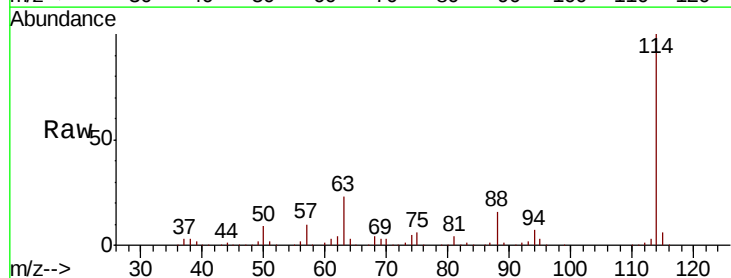
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

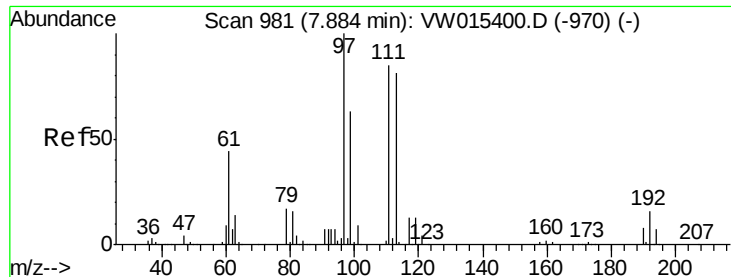
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.4
88	16.4	0.0	31.8





#35

Dibromofluoromethane

Concen: 5.422 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

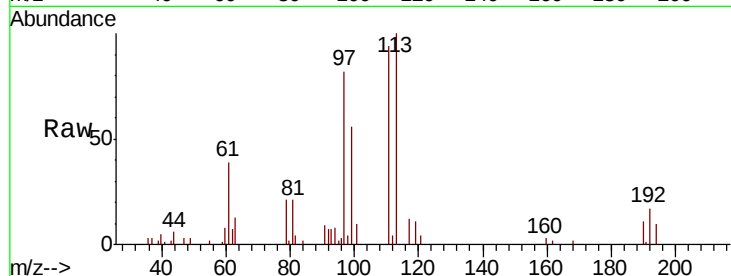
Tot Ion:113 Resp: 10596

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	18.8	15.4	23.0

113 100

111 102.0 82.9 124.3

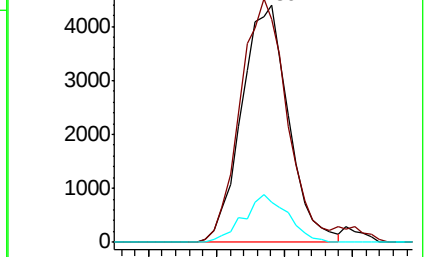
192 18.8 15.4 23.0



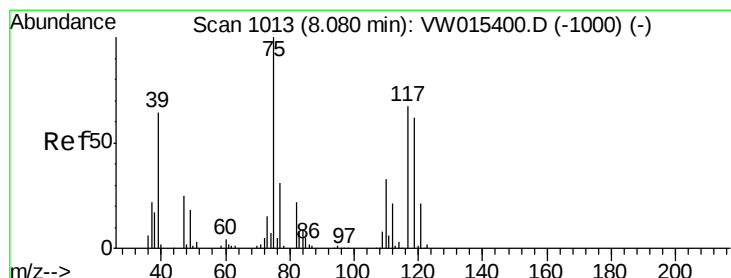
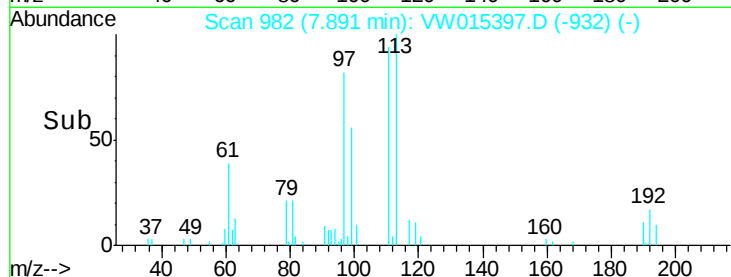
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 5.344 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

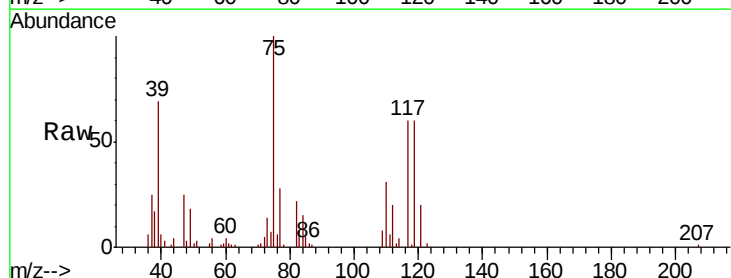
Tgt Ion: 75 Resp: 17304

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.8
77	31.3	24.5	36.7

75 100

110 33.2 16.6 49.8

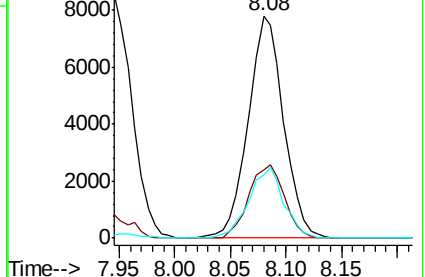
77 31.3 24.5 36.7



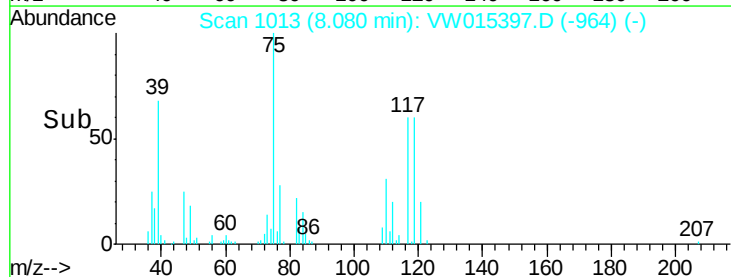
Abundance Ion 74.90 (74.60 to 75.60): VW

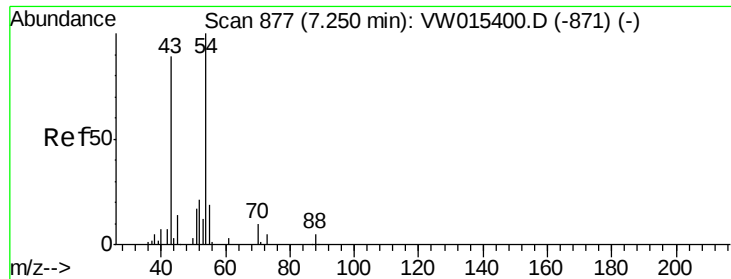
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



Time-->

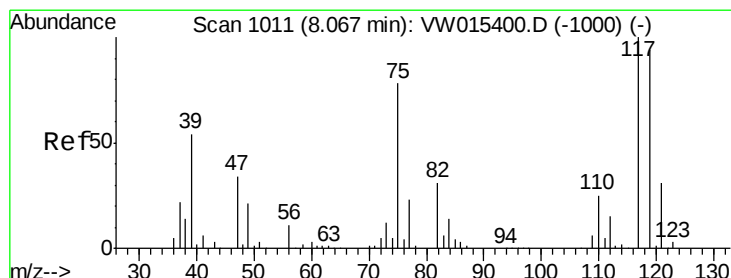
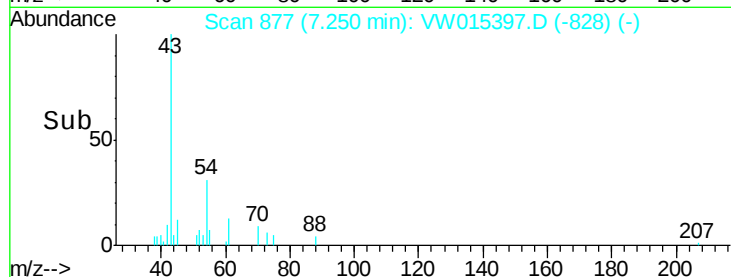
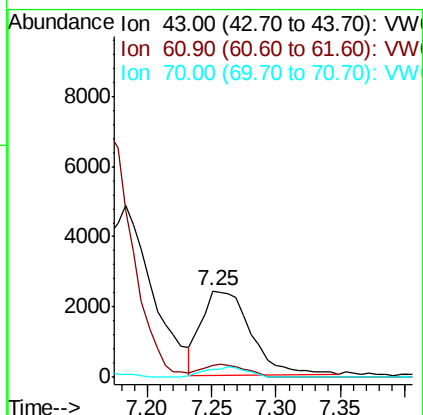
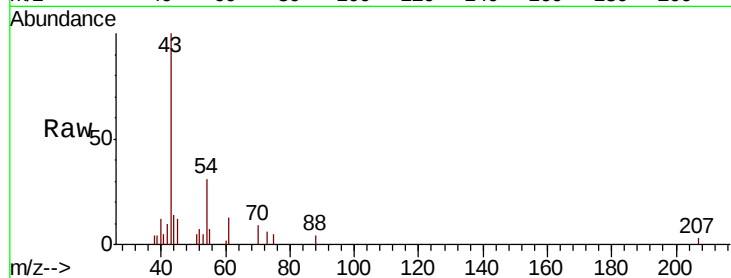




#37
Ethyl Acetate
Concen: 5.898 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

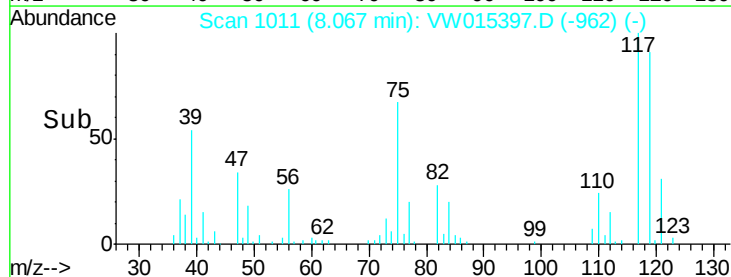
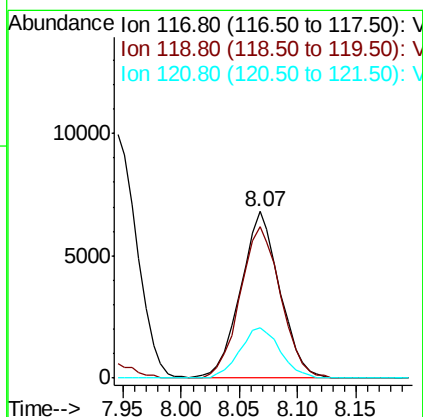
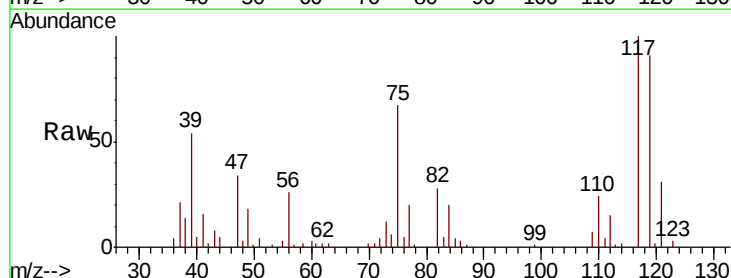
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

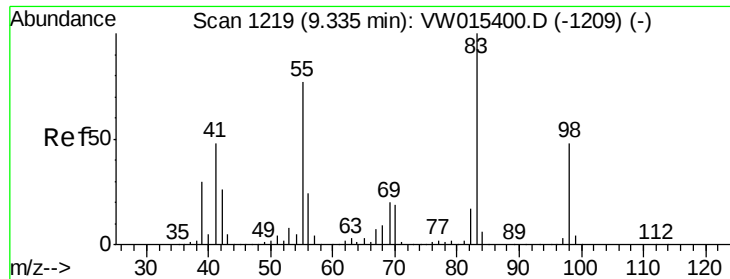
Tot Ion: 43 Resp: 6450
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 4.608 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 117 Resp: 15947
Ion Ratio Lower Upper
117 100
119 91.0 75.4 113.0
121 30.5 24.8 37.2

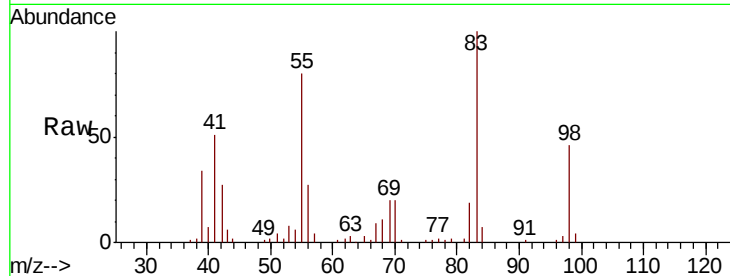




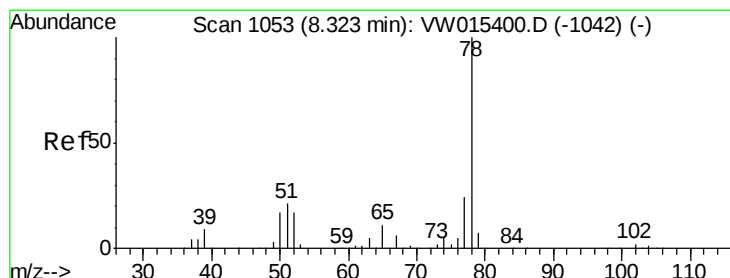
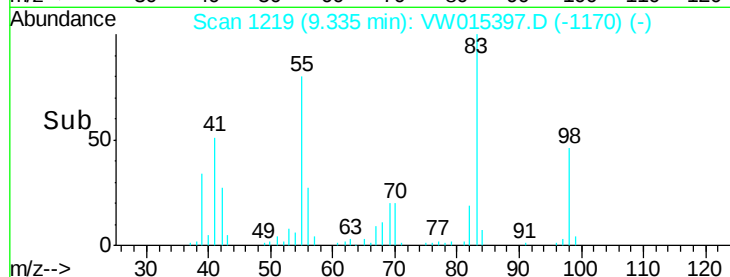
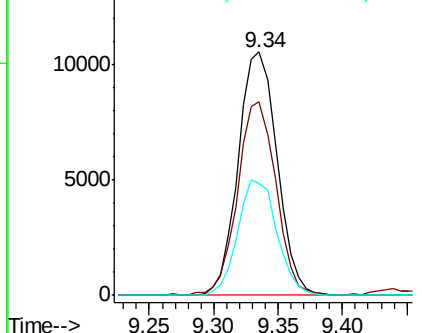
#39
Methvlcvclohexane
Concen: 5.155 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 22029
Ion Ratio Lower Upper
83 100
55 79.5 61.9 92.9
98 46.0 38.2 57.2

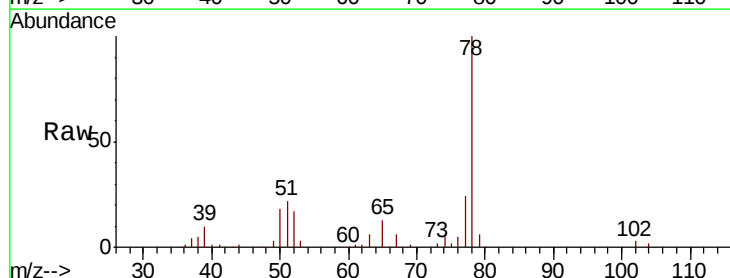


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

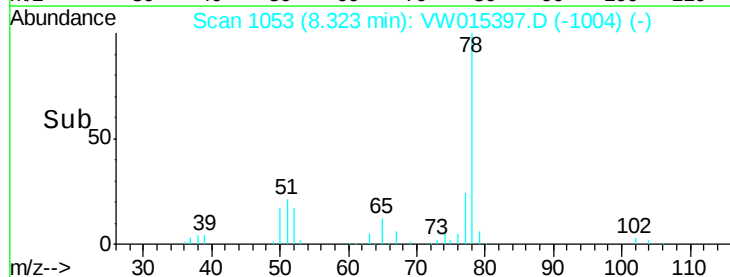
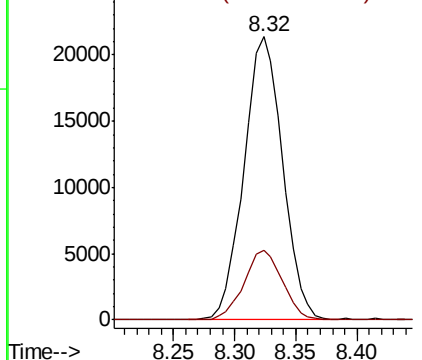


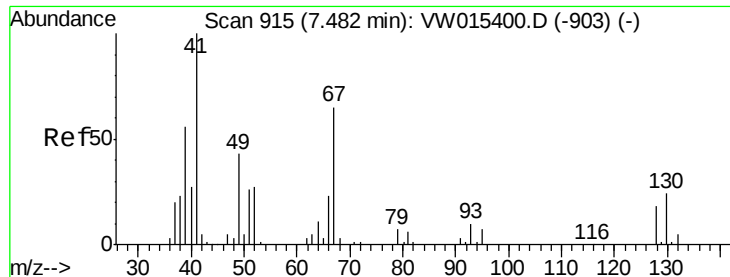
#40
Benzene
Concen: 5.458 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion: 78 Resp: 47169
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4



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





#41

Methacrylonitrile

Concen: 6.422 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 4232

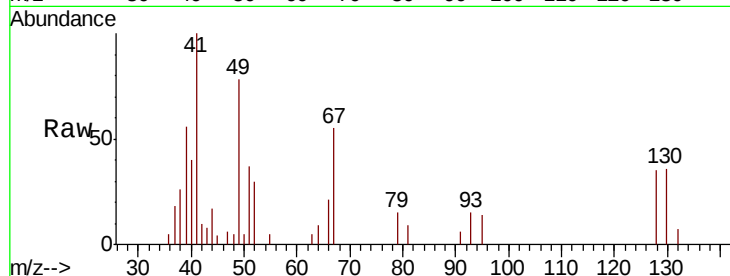
Ion Ratio Lower Upper

41 100

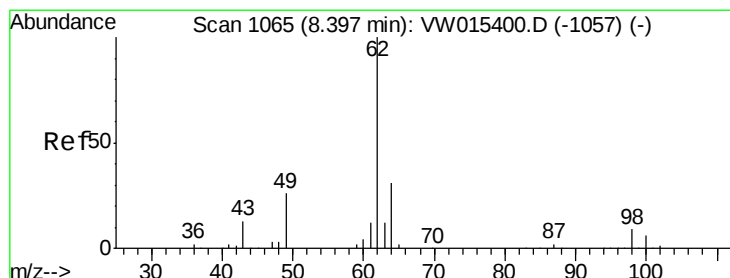
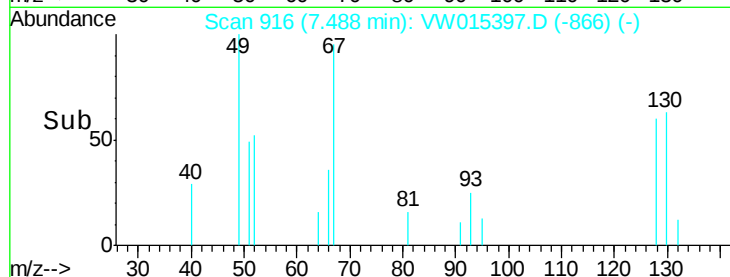
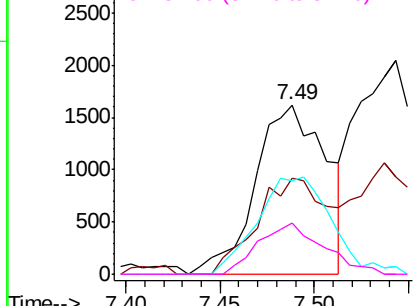
39 56.8 46.2 69.4

67 60.3 56.2 84.2

52 27.6 25.0 37.6



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



#42

1,2-Dichloroethane

Concen: 5.469 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW015397.D

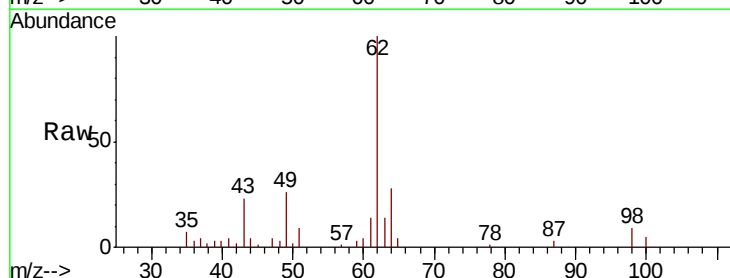
Acq: 05 May 2020 16:17

Tgt Ion: 62 Resp: 14058

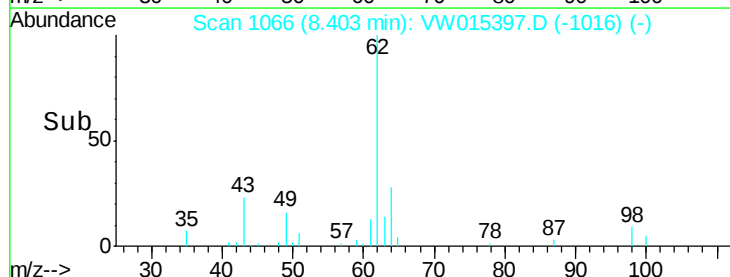
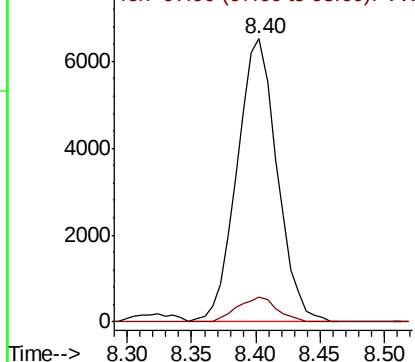
Ion Ratio Lower Upper

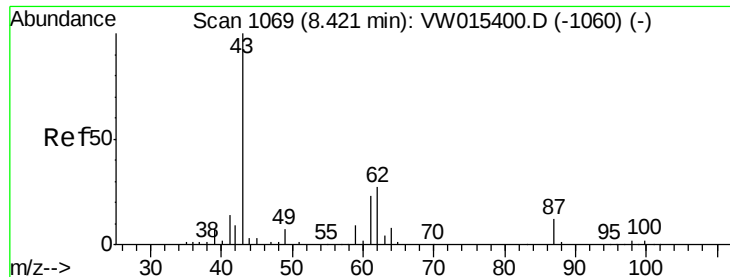
62 100

98 8.5 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 6.017 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

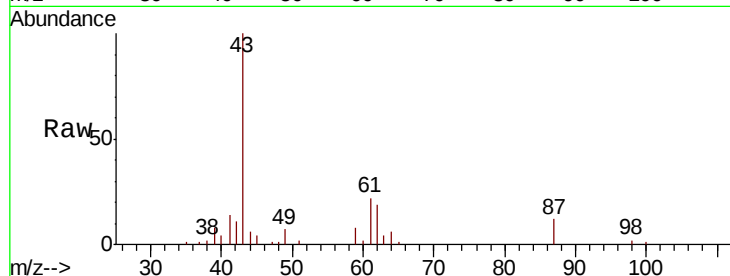
Tot Ion: 43 Resp: 13674

Ion Ratio Lower Upper

43 100

61 29.4 24.3 36.5

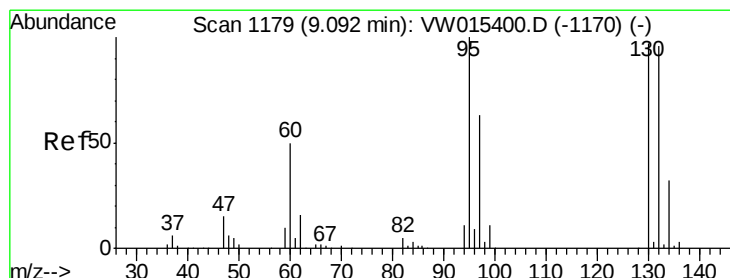
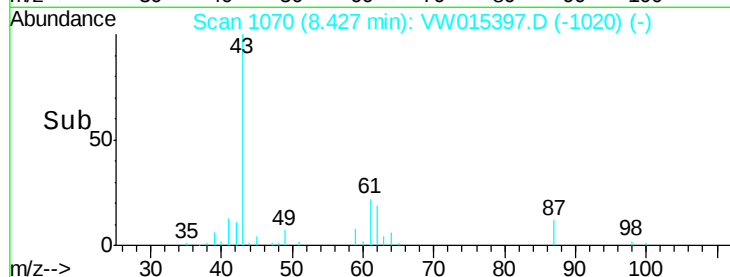
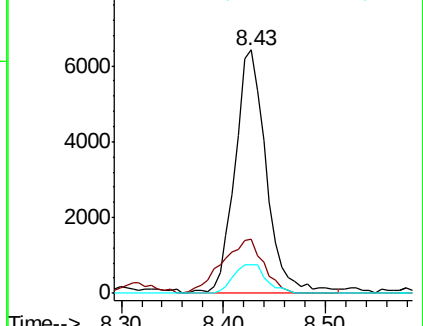
87 12.4 10.1 15.1



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: 4.657 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015397.D

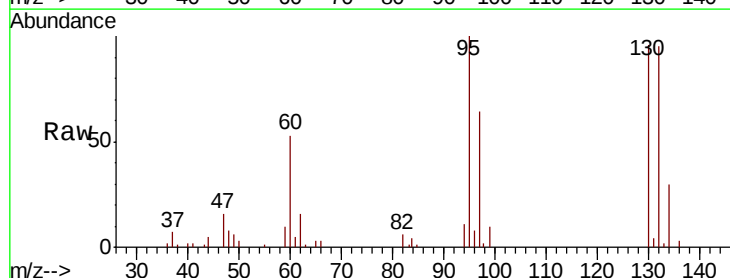
Acq: 05 May 2020 16:17

Tgt Ion: 130 Resp: 12014

Ion Ratio Lower Upper

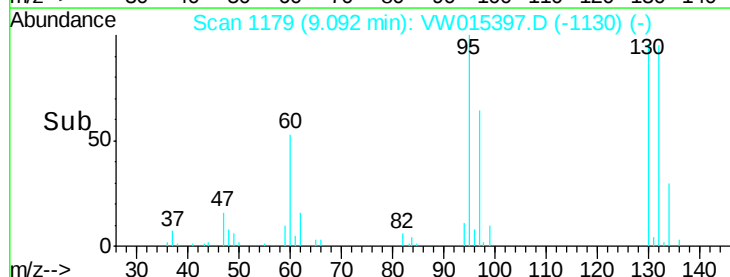
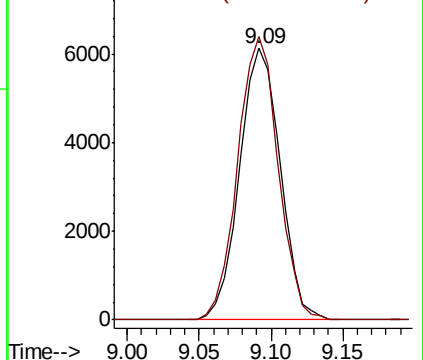
130 100

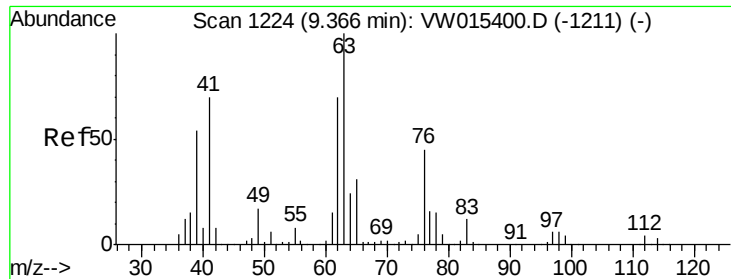
95 104.3 0.0 205.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 5.708 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

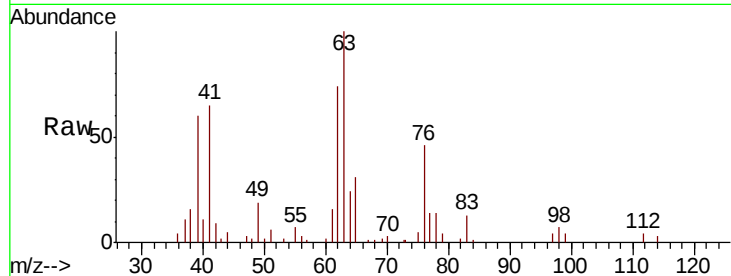
VSTDIC005

Tot Ion: 63 Resp: 11618

Ion Ratio Lower Upper

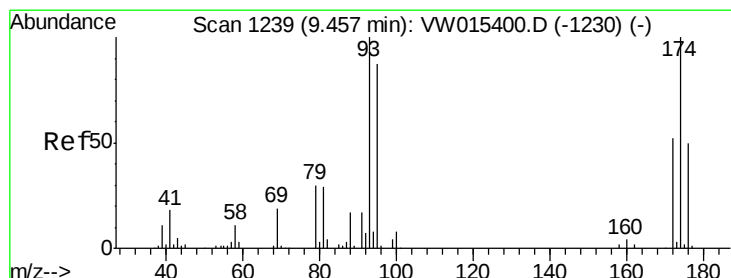
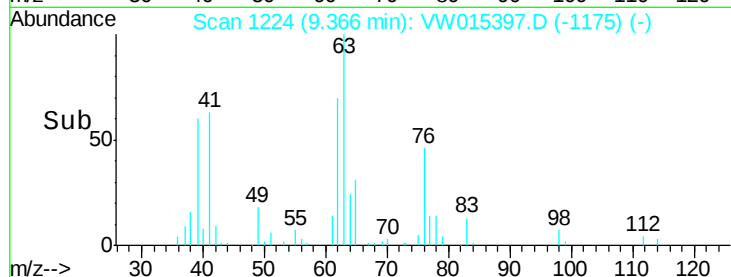
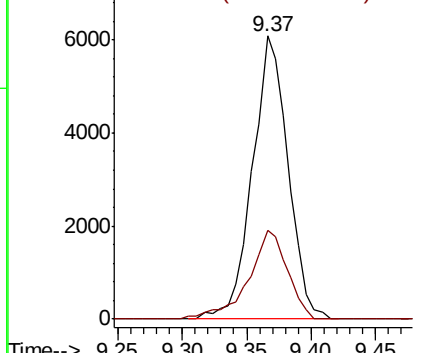
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 4.867 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

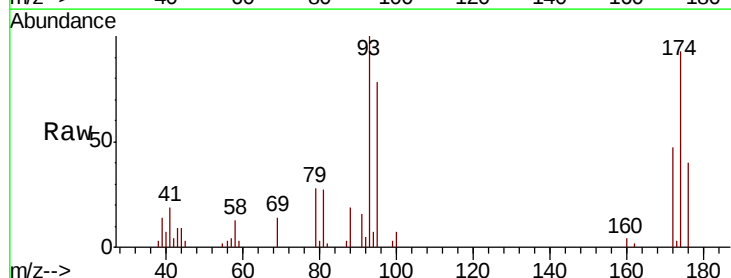
Tgt Ion: 93 Resp: 5597

Ion Ratio Lower Upper

93 100

95 87.0 67.0 100.4

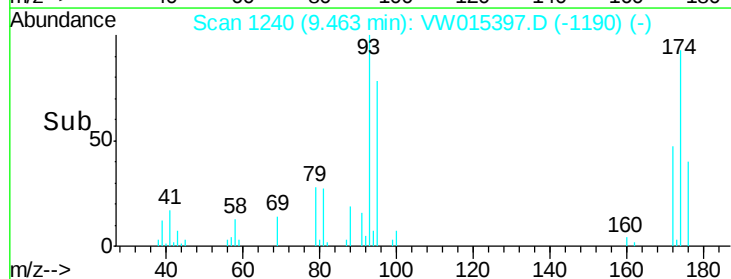
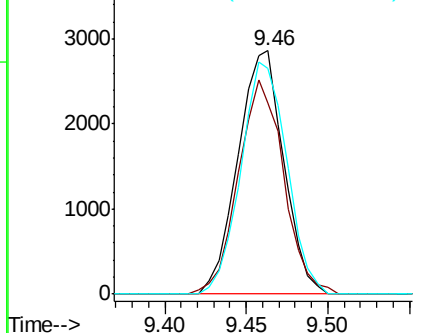
174 95.2 78.4 117.6

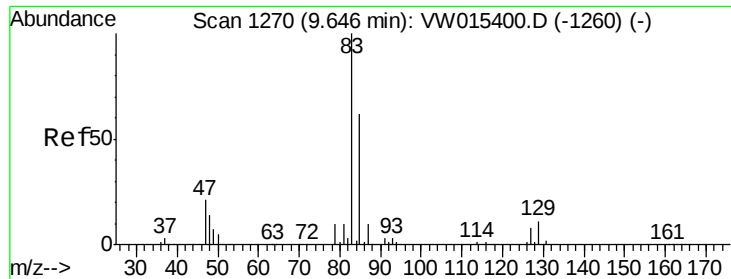


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.846 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

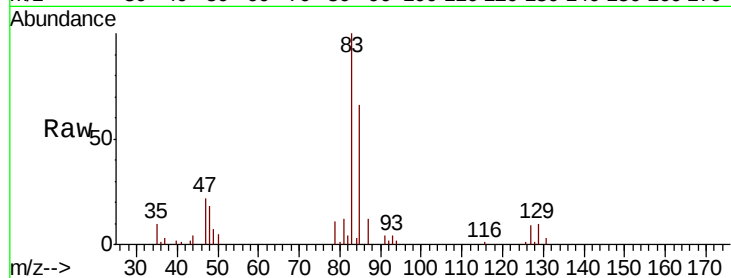
Tot Ion: 83 Resp: 14953

Ion Ratio Lower Upper

83 100

85 66.3 49.4 74.0

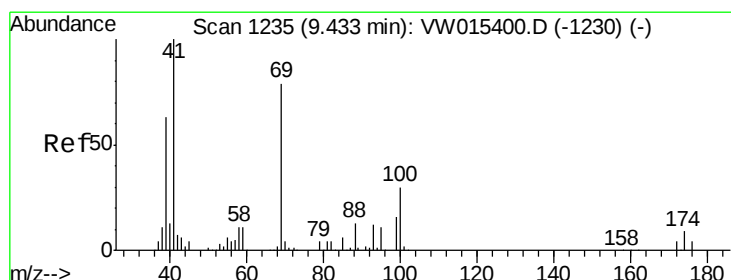
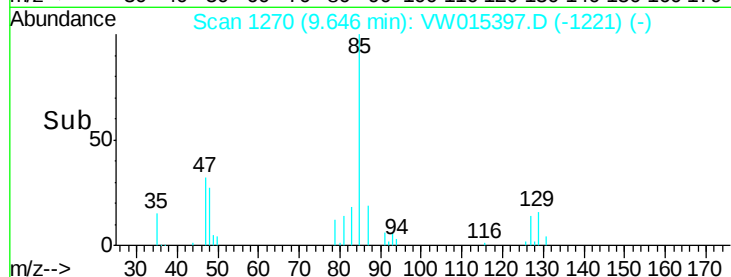
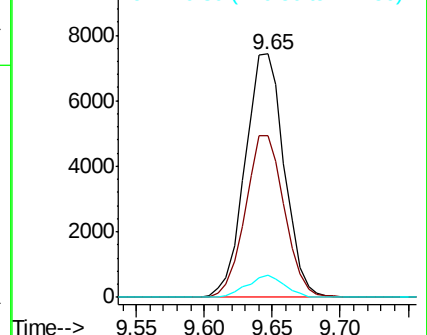
127 9.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 5.479 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

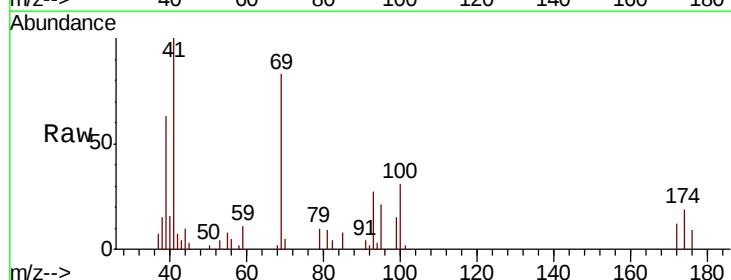
Tgt Ion: 41 Resp: 5858

Ion Ratio Lower Upper

41 100

69 89.5 66.2 99.4

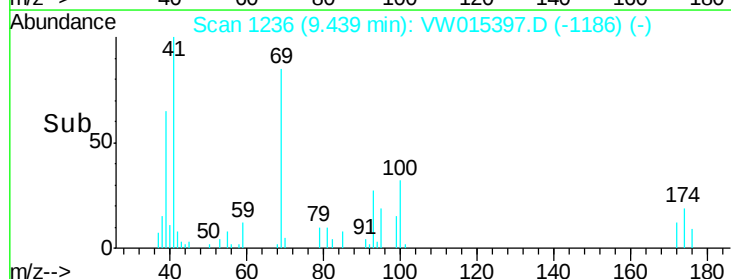
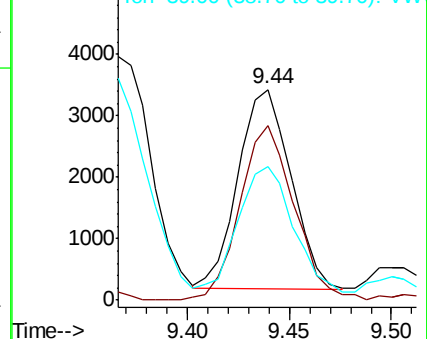
39 74.9 51.1 76.7

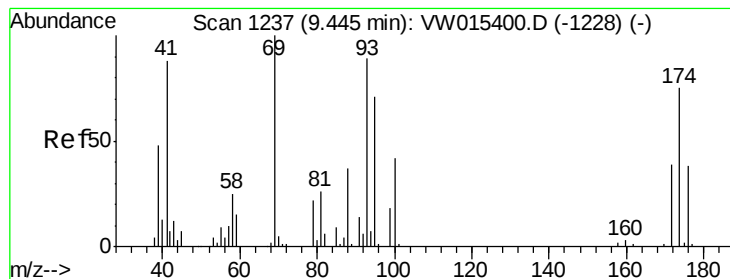


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 94.143 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

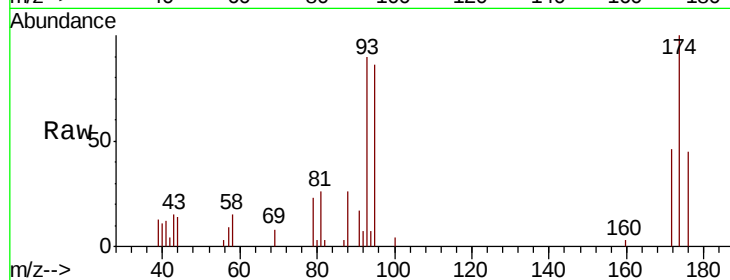
Tot Ion: 88 Resp: 1429

Ion Ratio Lower Upper

88 100

43 0.0 30.6 45.8#

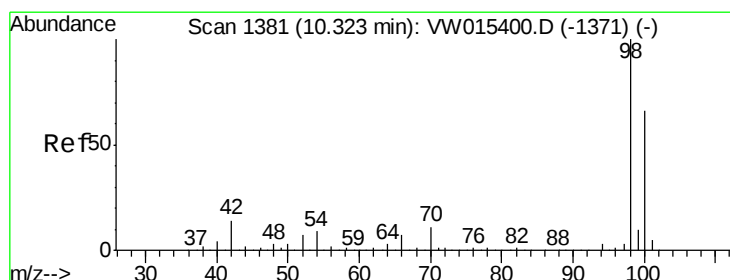
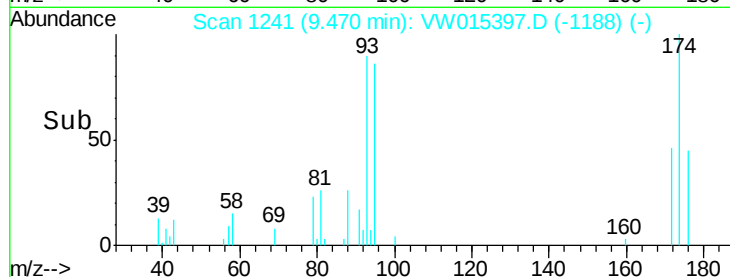
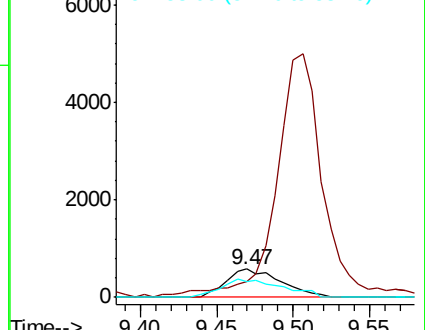
58 73.4 56.3 84.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 5.310 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015397.D

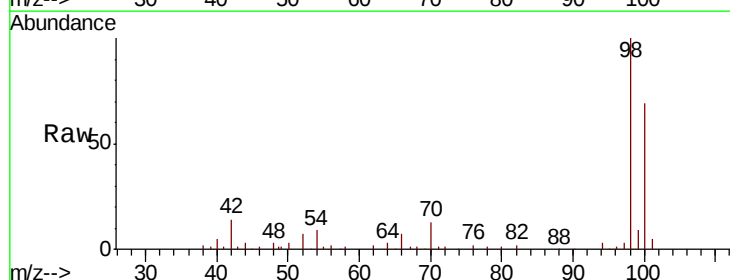
Acq: 05 May 2020 16:17

Tgt Ion: 98 Resp: 43563

Ion Ratio Lower Upper

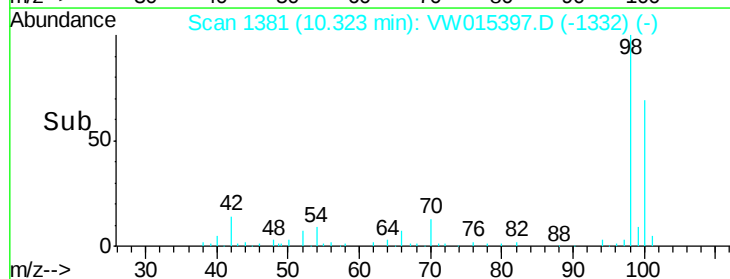
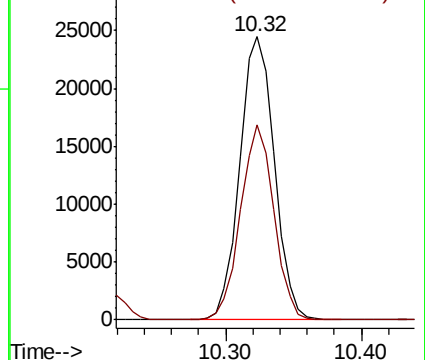
98 100

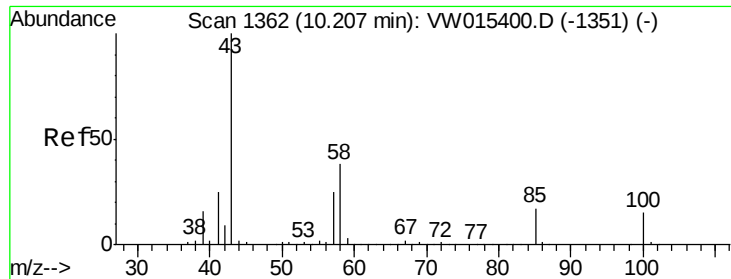
100 66.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 28.836 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

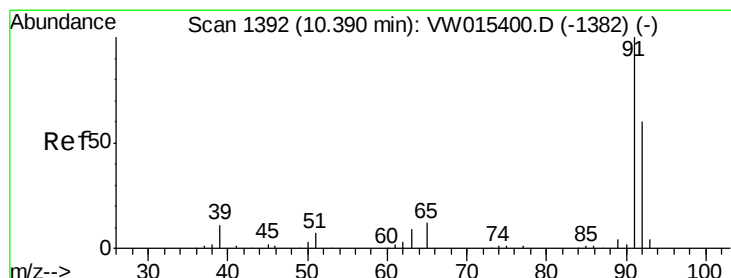
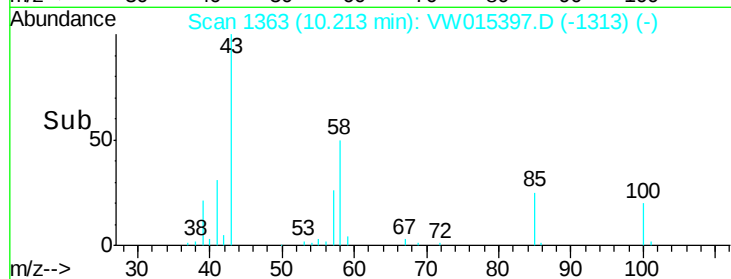
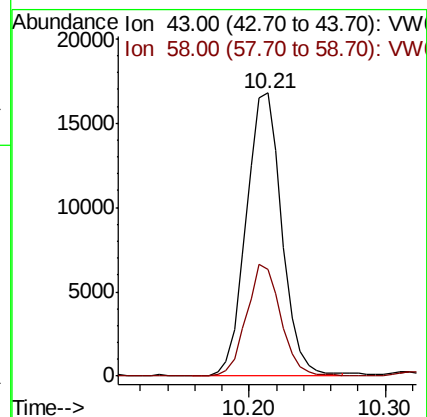
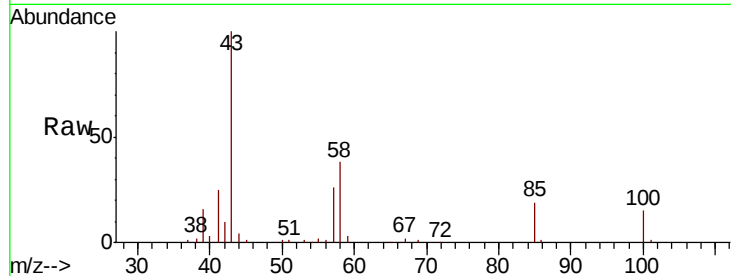
VSTDIC005

Tot Ion: 43 Resp: 30884

Ion Ratio Lower Upper

43 100

58 37.9 30.8 46.2



#52

Toluene

Concen: 5.017 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015397.D

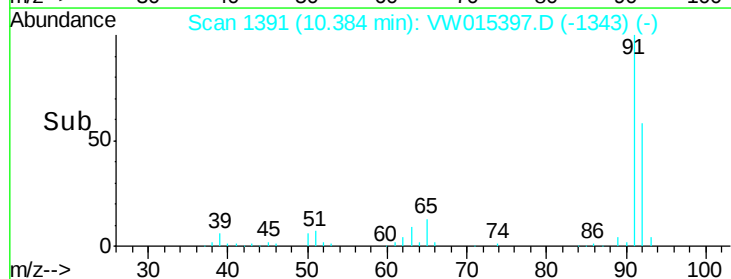
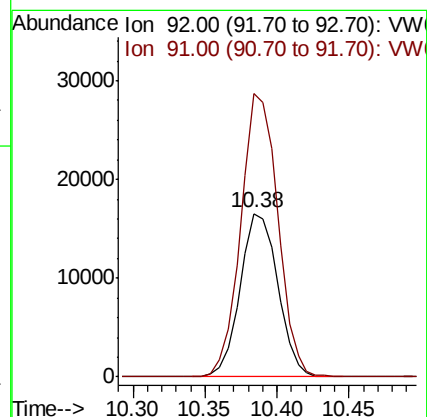
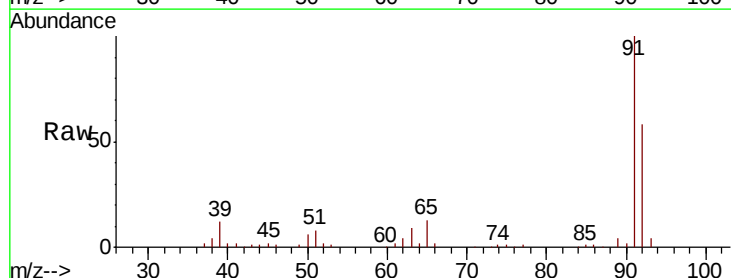
Acq: 05 May 2020 16:17

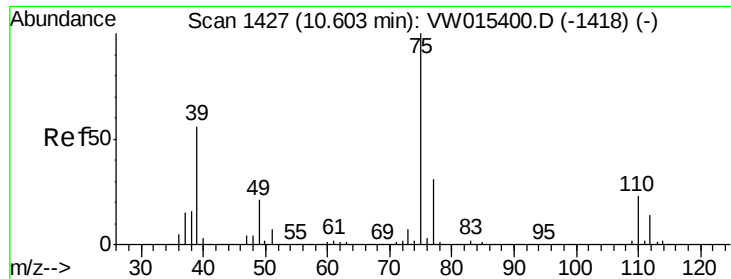
Tgt Ion: 92 Resp: 30016

Ion Ratio Lower Upper

92 100

91 170.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 4.847 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

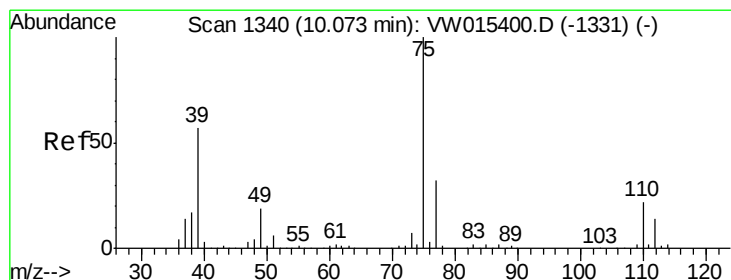
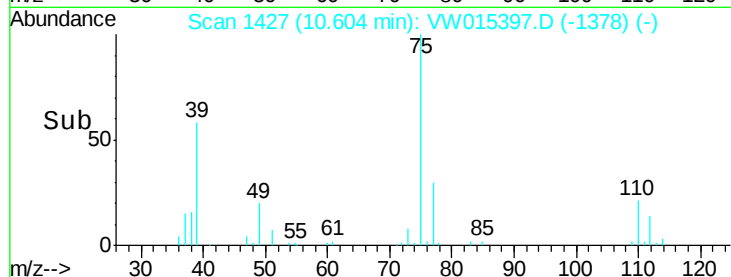
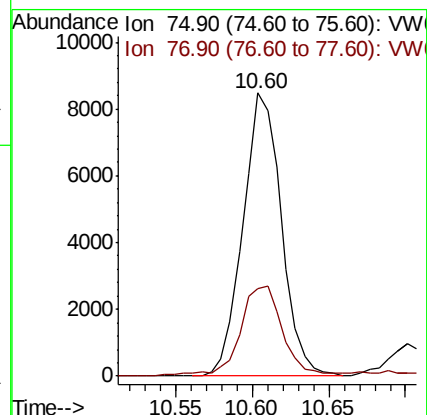
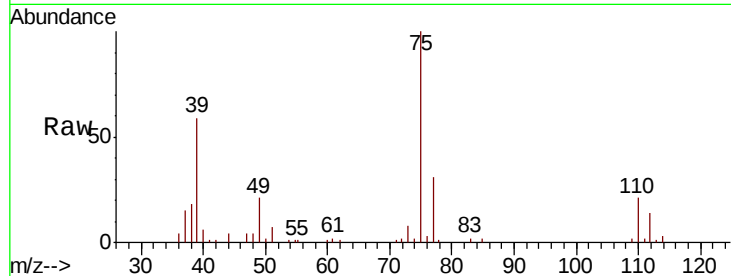
VSTDIC005

Tot Ion: 75 Resp: 14803

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 5.033 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

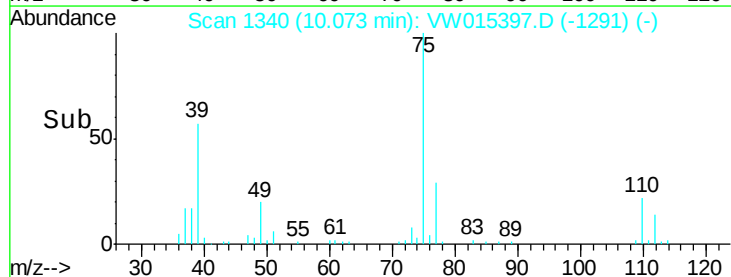
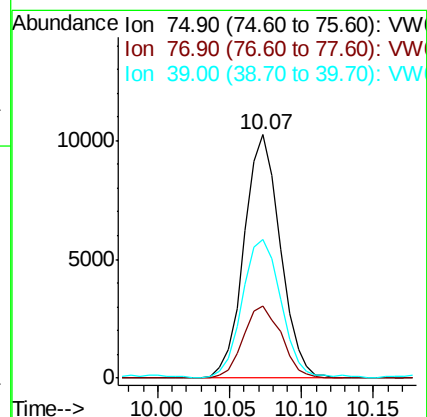
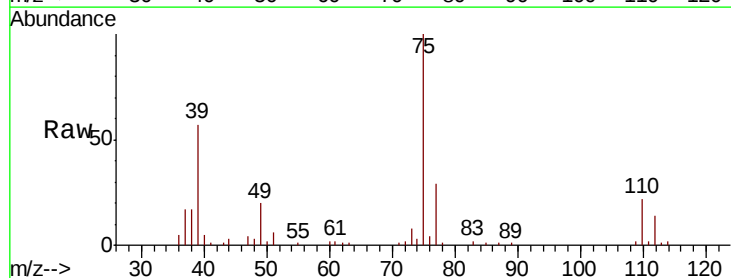
Tgt Ion: 75 Resp: 17917

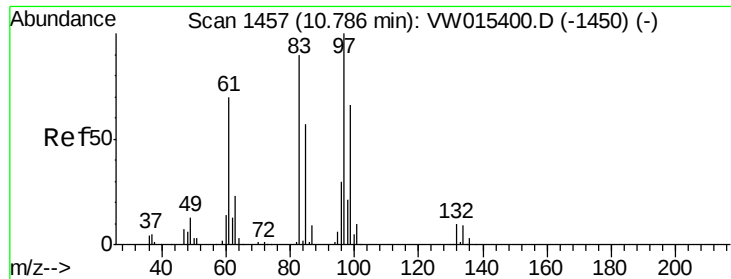
Ion Ratio Lower Upper

75 100

77 29.4 25.6 38.4

39 56.7 45.6 68.4

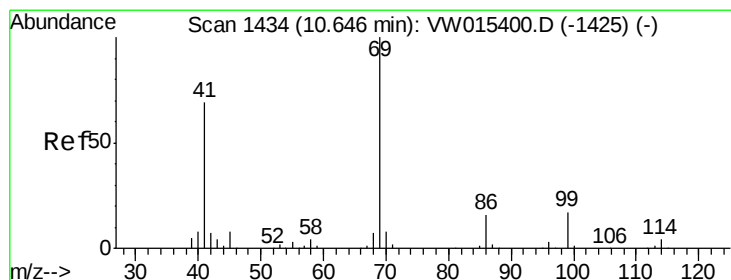
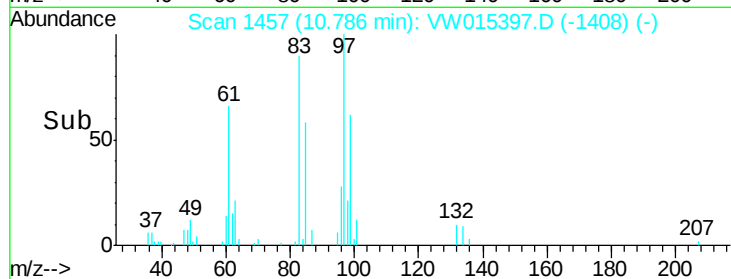
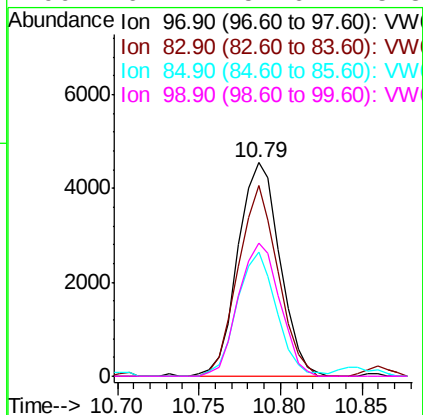
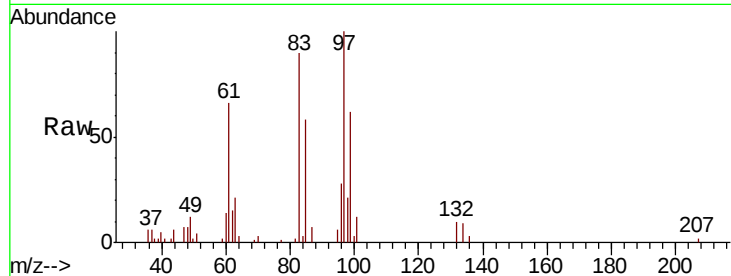




#55
 1,1,2-Trichloroethane
 Concen: 5.069 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

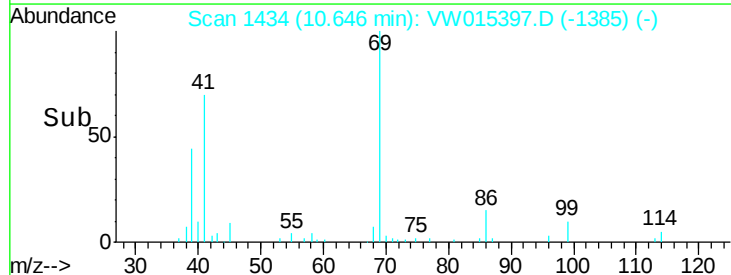
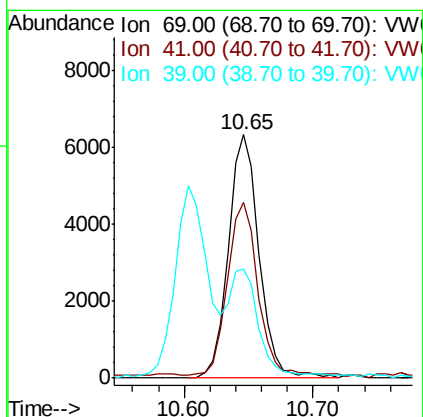
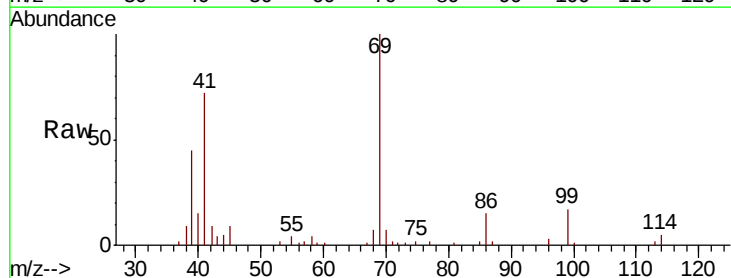
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

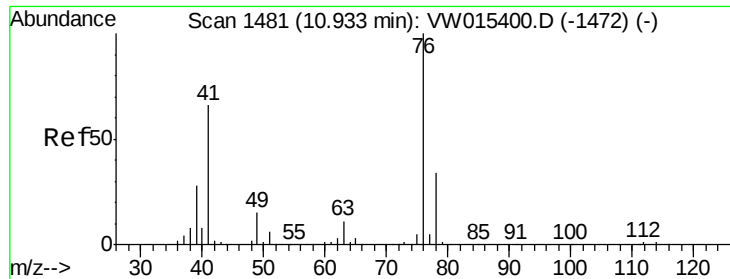
Tot Ion: 97 Resp: 8166
 Ion Ratio Lower Upper
 97 100
 83 89.5 72.2 108.4
 85 57.9 45.2 67.8
 99 62.1 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 5.002 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 69 Resp: 10507
 Ion Ratio Lower Upper
 69 100
 41 76.1 55.3 82.9
 39 44.1 31.9 47.9

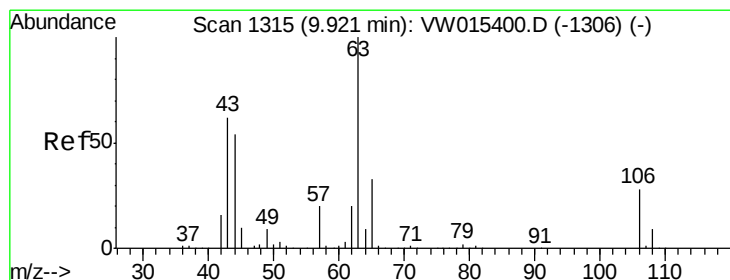
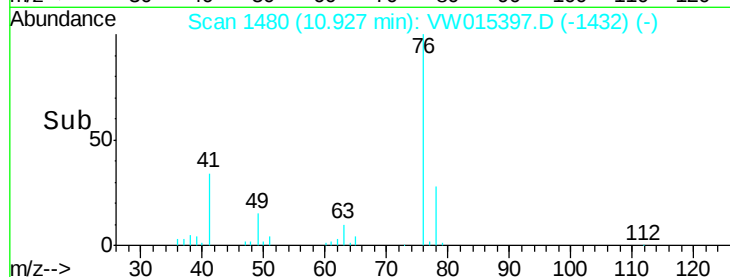
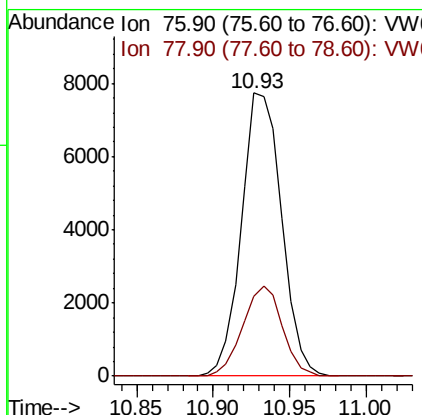
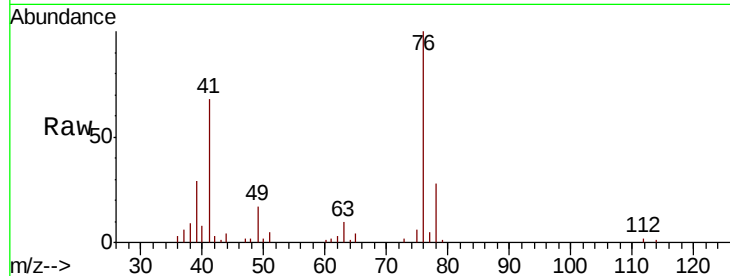




#57
 1,3-Dichloropropane
 Concen: 5.226 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

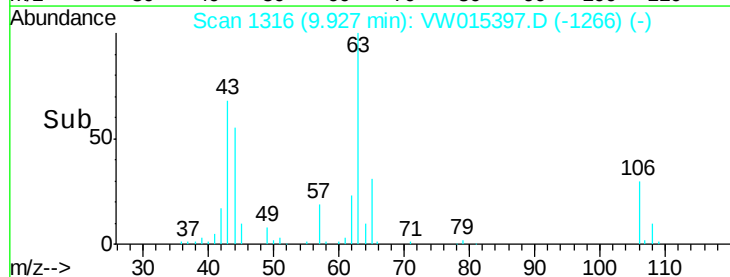
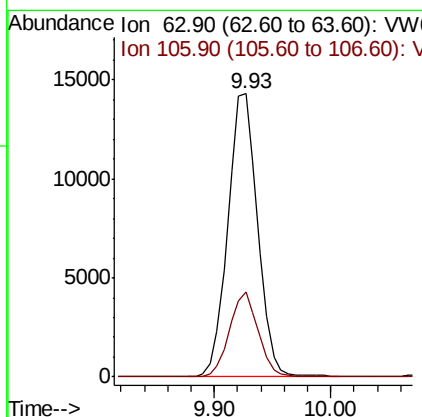
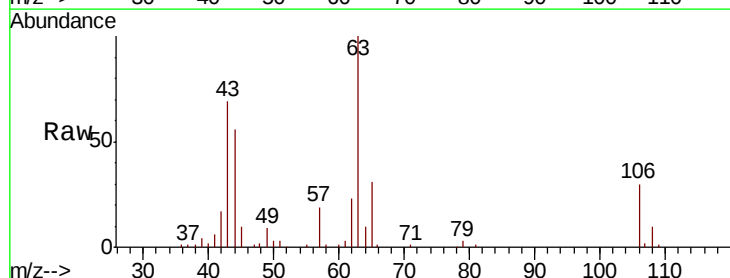
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

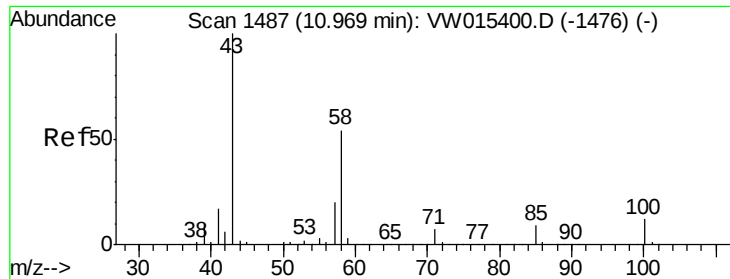
Tot Ion: 76 Resp: 14119
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.029 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 63 Resp: 25441
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.6 33.8





#59

2-Hexanone

Concen: 27.224 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

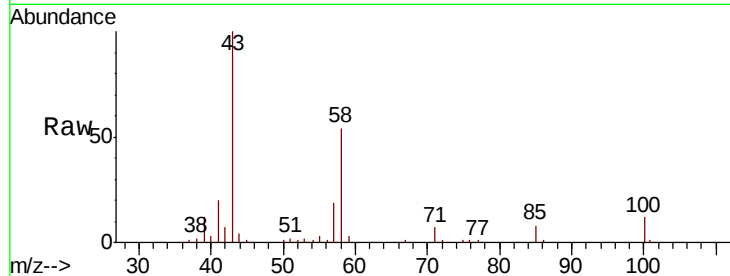
VSTDIC005

Tot Ion: 43 Resp: 20594

Ion Ratio Lower Upper

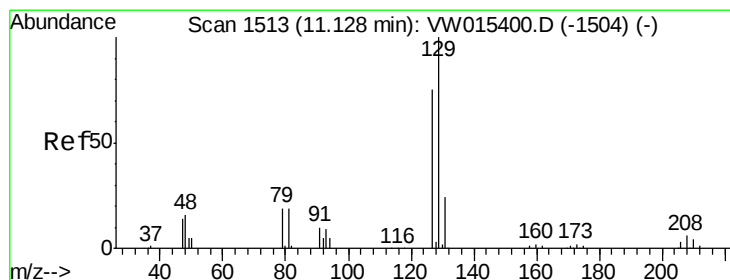
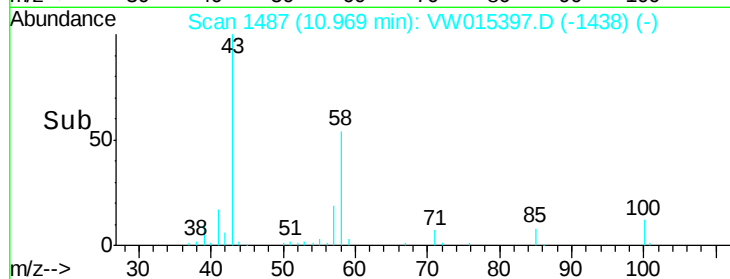
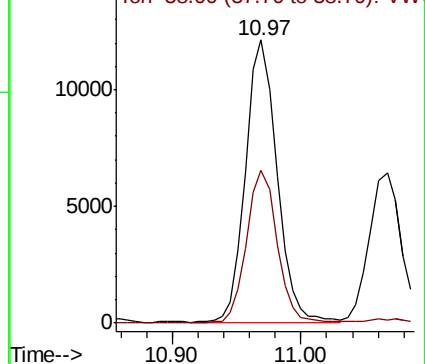
43 100

58 52.5 26.7 80.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 4.312 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015397.D

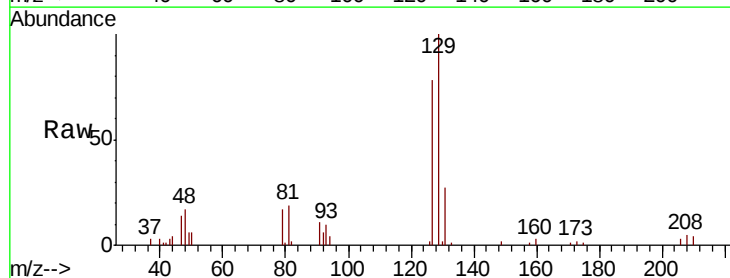
Acq: 05 May 2020 16:17

Tgt Ion: 129 Resp: 9039

Ion Ratio Lower Upper

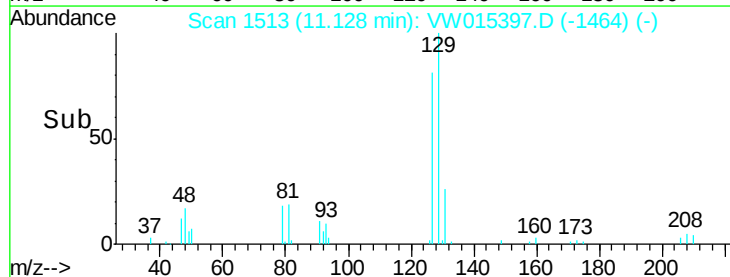
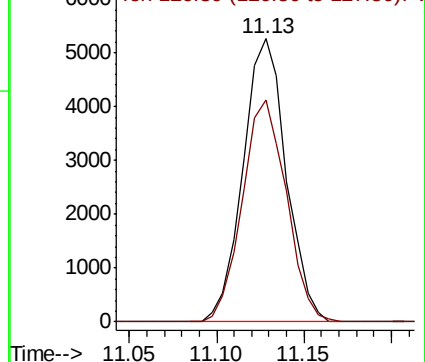
129 100

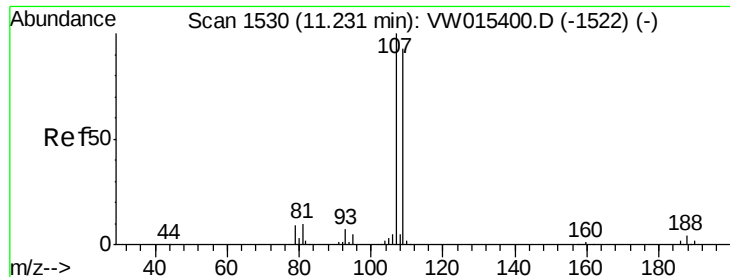
127 79.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

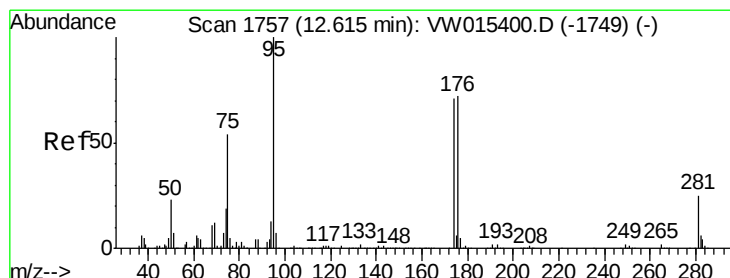
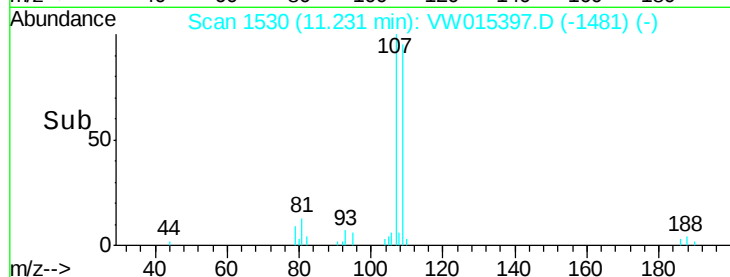
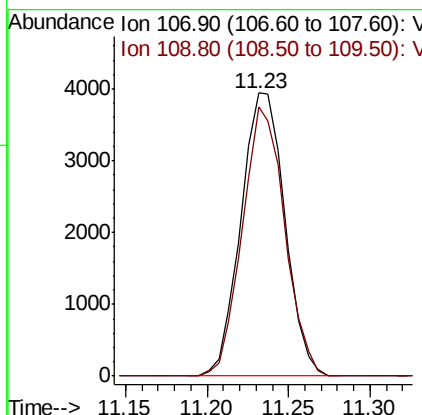
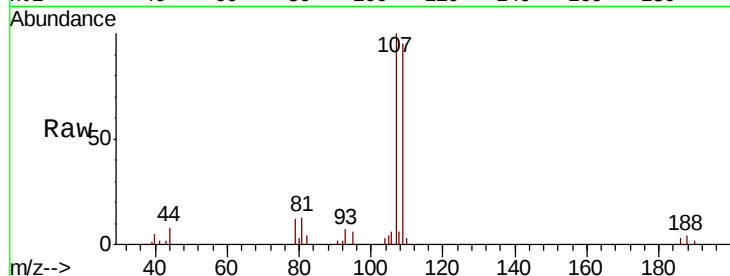




#61
 1,2-Dibromoethane
 Concen: 4.726 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

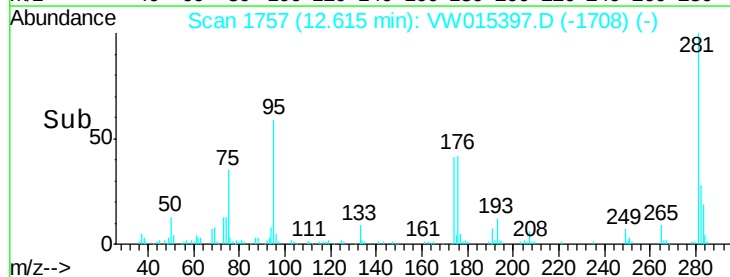
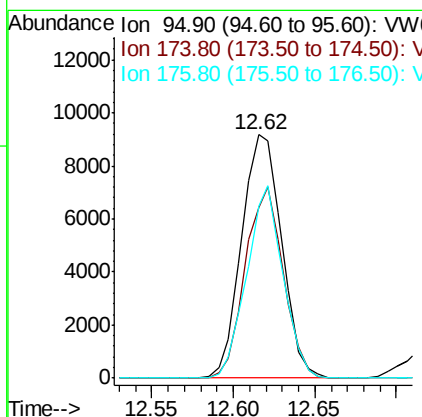
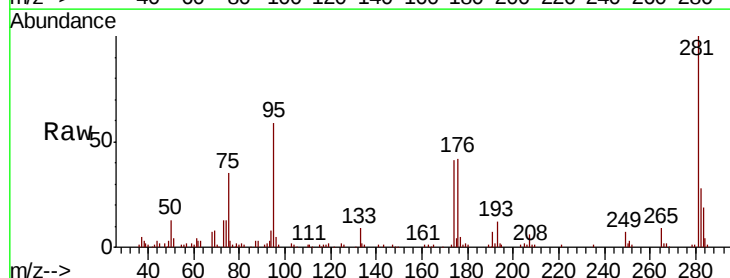
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 107 Resp: 7399
 Ion Ratio Lower Upper
 107 100
 109 91.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 5.035 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 95 Resp: 15672
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 147.6
 176 71.5 0.0 144.4

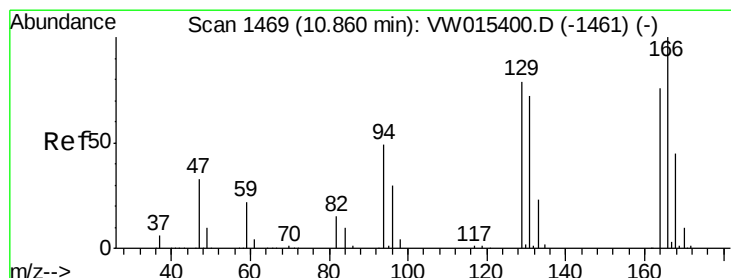
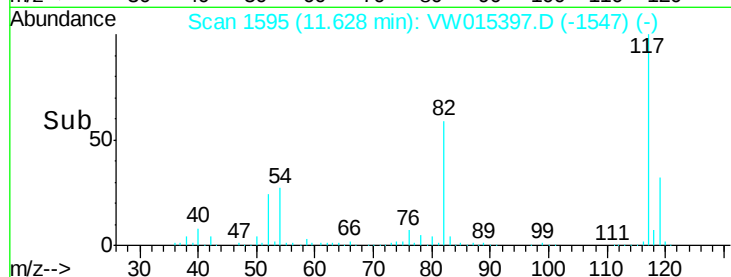
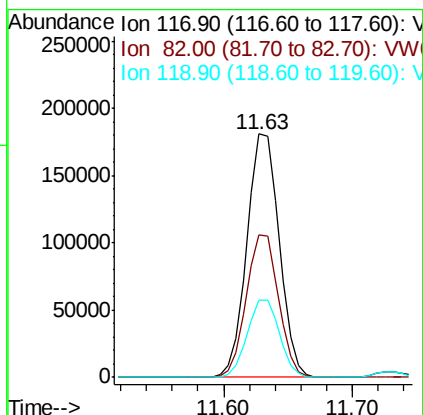
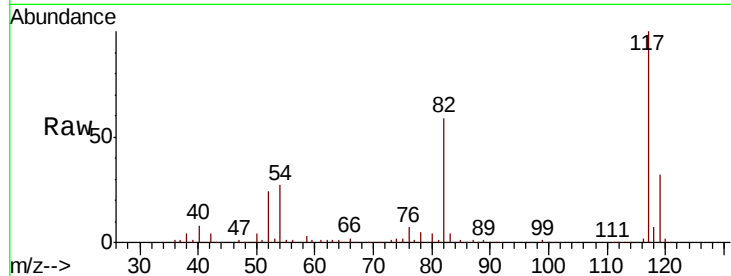




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

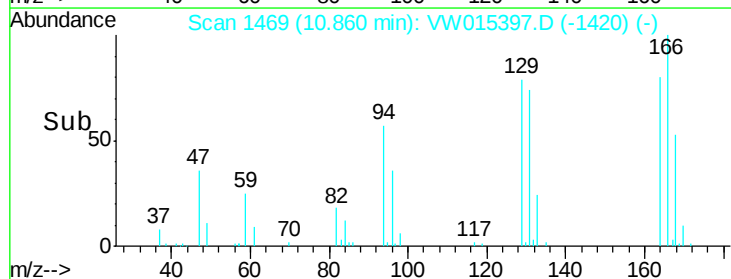
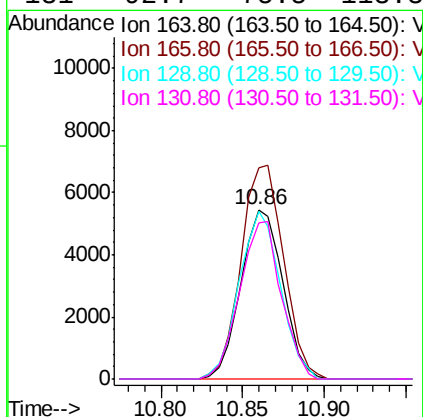
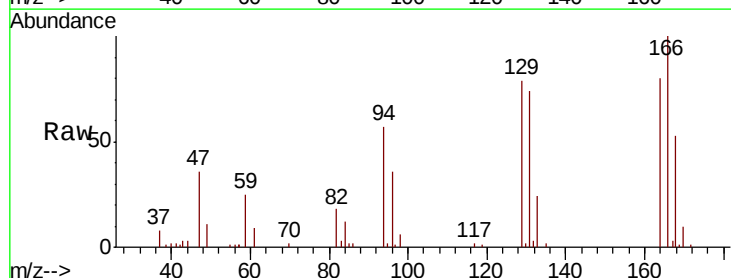
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

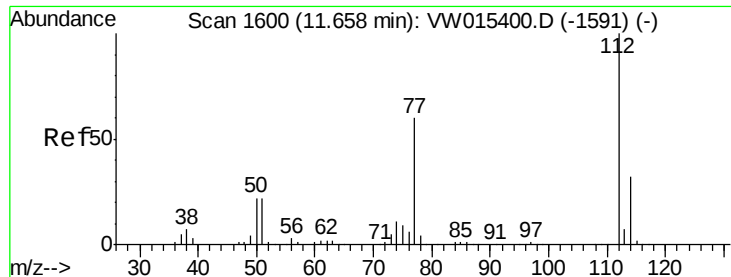
Tot Ion:117 Resp: 312525
Ion Ratio Lower Upper
117 100
82 58.5 46.4 69.6
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 4.428 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion:164 Resp: 9747
Ion Ratio Lower Upper
164 100
166 125.1 104.9 157.3
129 99.2 82.7 124.1
131 92.7 75.5 113.3





#65

Chlorobenzene

Concen: 5.011 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

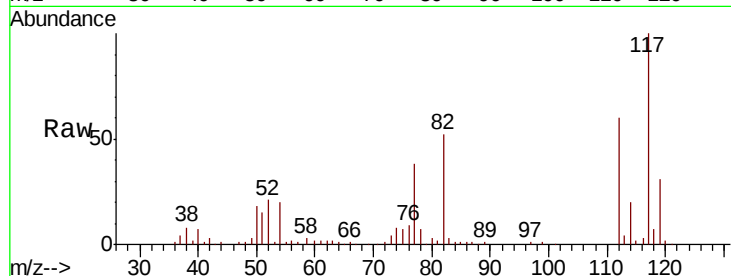
VSTDIC005

Tot Ion:112 Resp: 30946

Ion Ratio Lower Upper

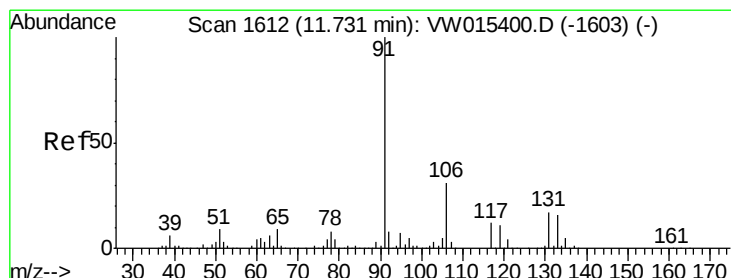
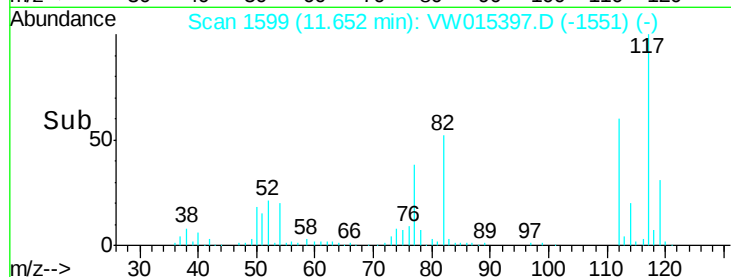
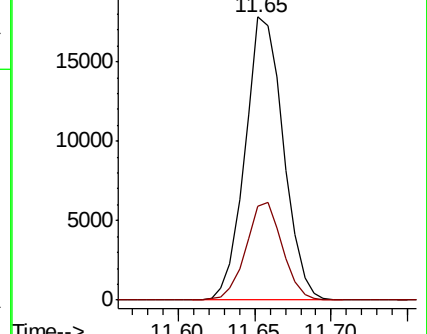
112 100

114 33.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.896 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

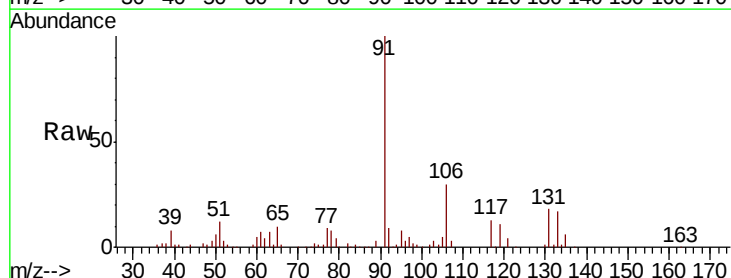
Tgt Ion:131 Resp: 10851

Ion Ratio Lower Upper

131 100

133 93.4 47.9 143.8

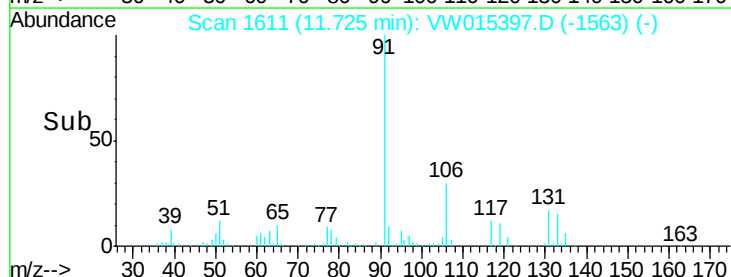
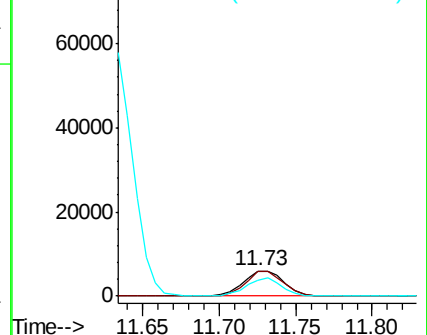
119 66.1 33.0 99.0

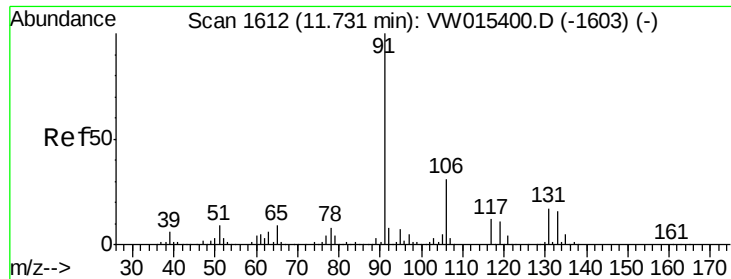


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

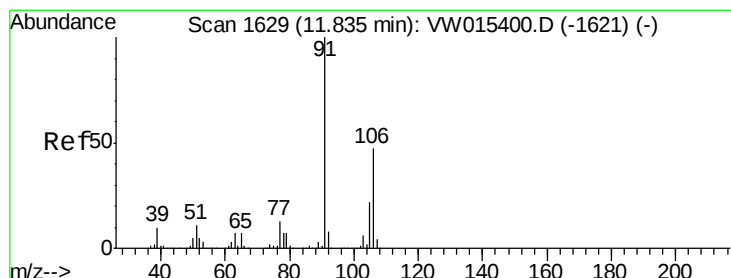
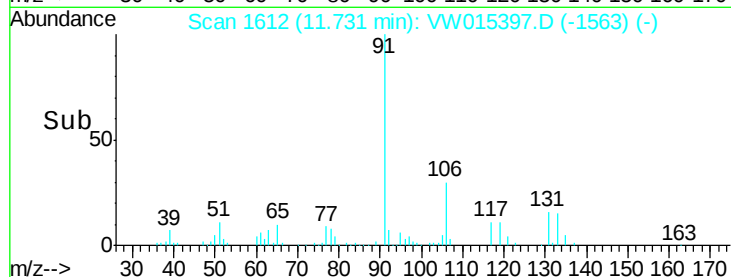
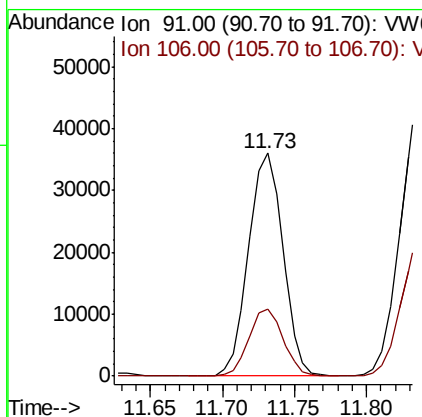
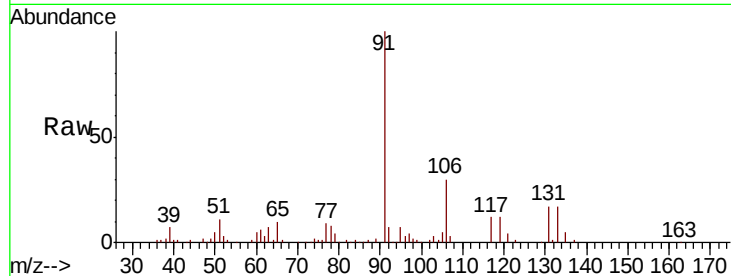




#67
Ethyl Benzene
Concen: 5.162 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

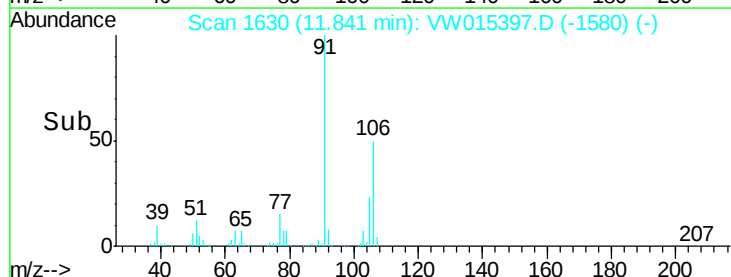
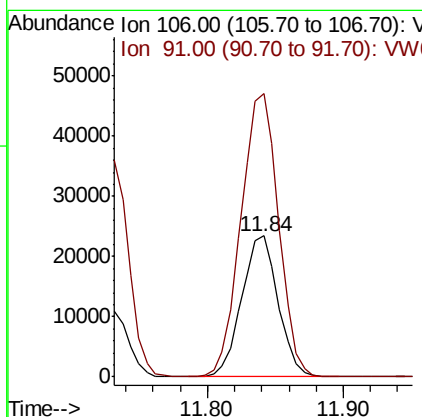
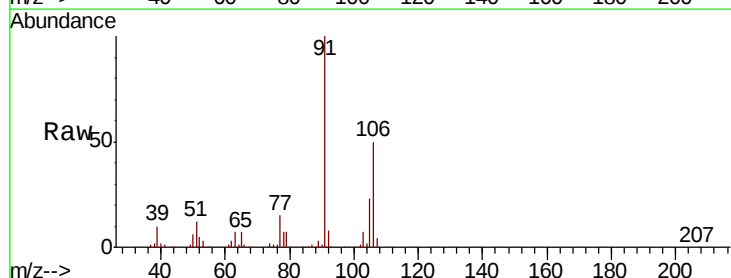
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

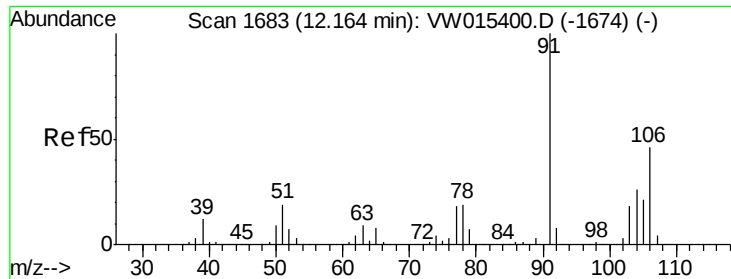
Tot Ion: 91 Resp: 59684
Ion Ratio Lower Upper
91 100
106 30.2 25.2 37.8



#68
m/p-Xylenes
Concen: 9.760 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion:106 Resp: 43779
Ion Ratio Lower Upper
106 100
91 208.7 165.7 248.5

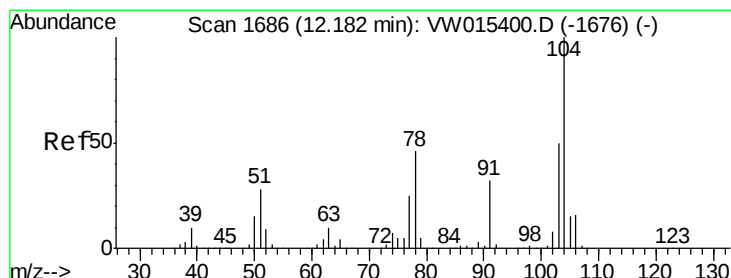
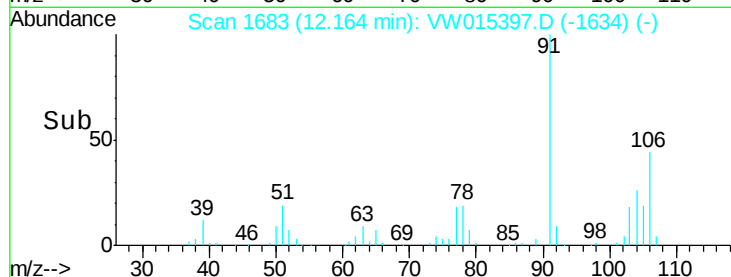
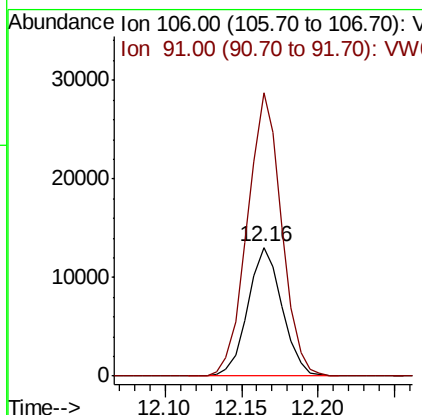
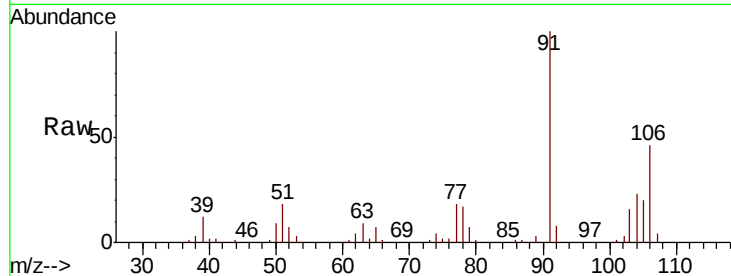




#69
o-Xylene
Concen: 4.839 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

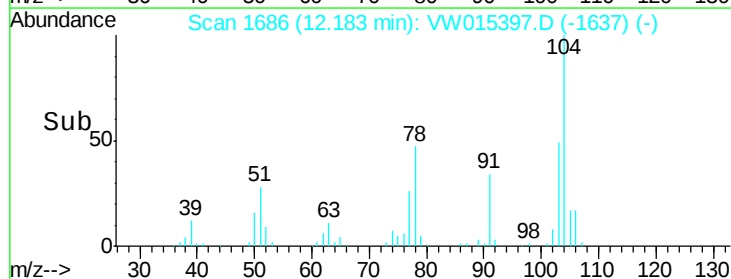
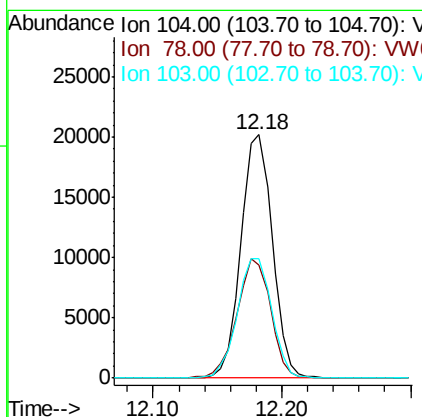
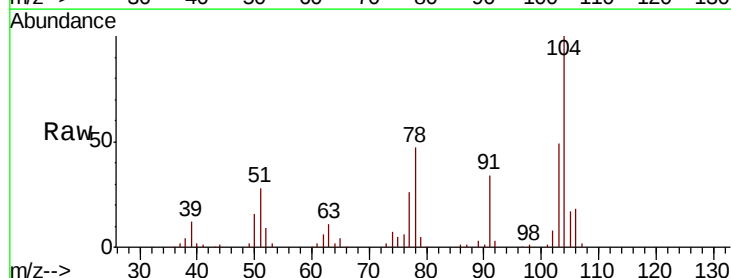
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

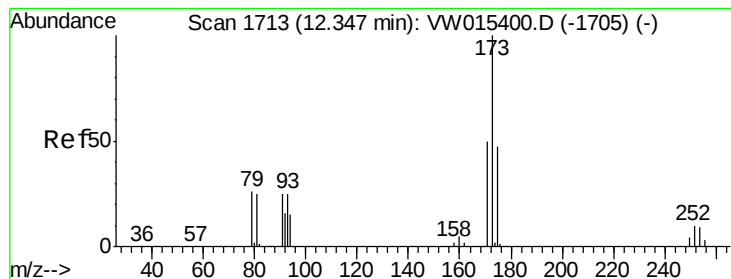
Tot Ion:106 Resp: 20330
Ion Ratio Lower Upper
106 100
91 220.3 109.0 327.0



#70
Styrene
Concen: 4.756 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion:104 Resp: 34116
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 53.9 43.6 65.4





#71

Bromoform

Concen: 3.951 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

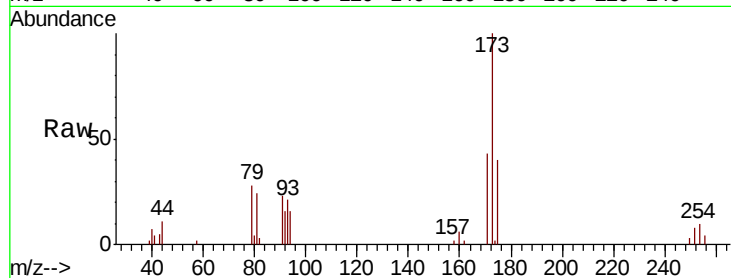
Tot Ion:173 Resp: 4856

Ion Ratio Lower Upper

173 100

175 46.0 23.8 71.4

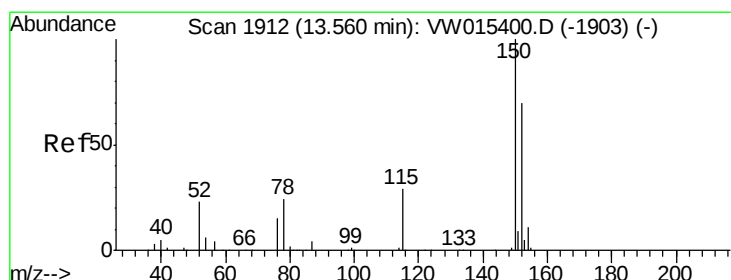
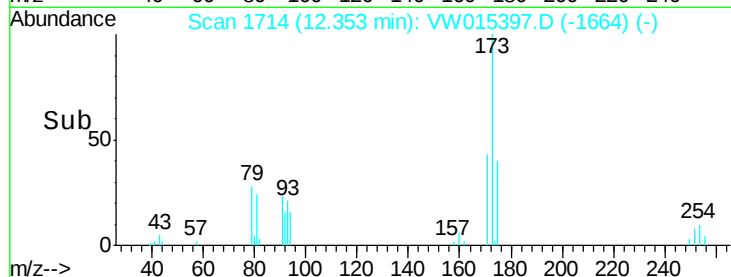
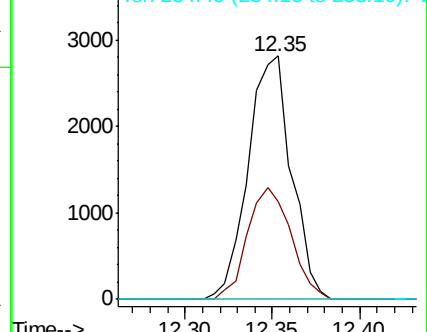
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

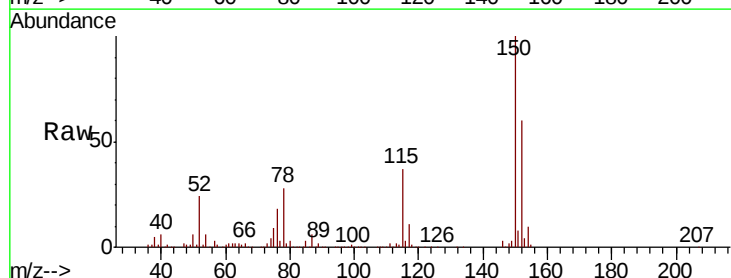
Tgt Ion:152 Resp: 150475

Ion Ratio Lower Upper

152 100

115 61.7 30.3 90.8

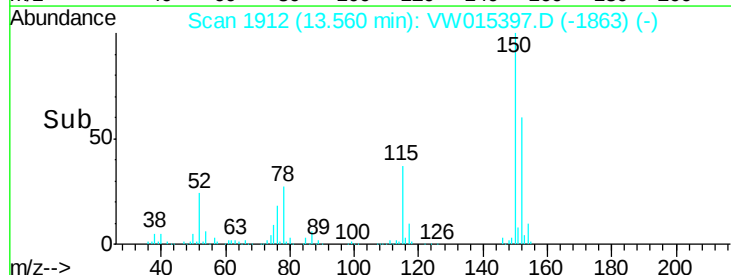
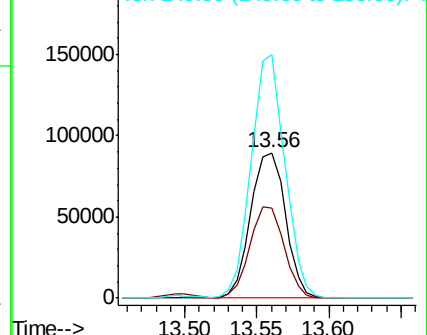
150 161.6 0.0 344.4

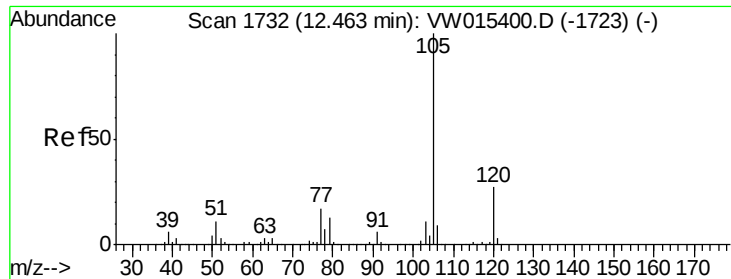


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.265 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

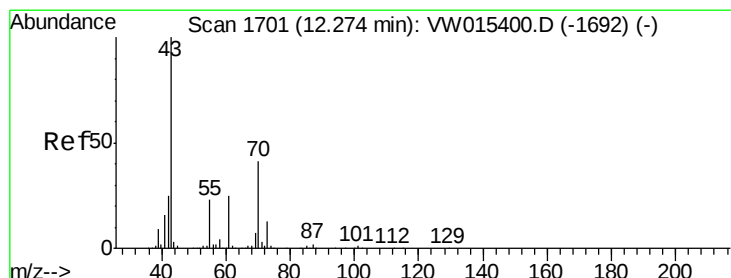
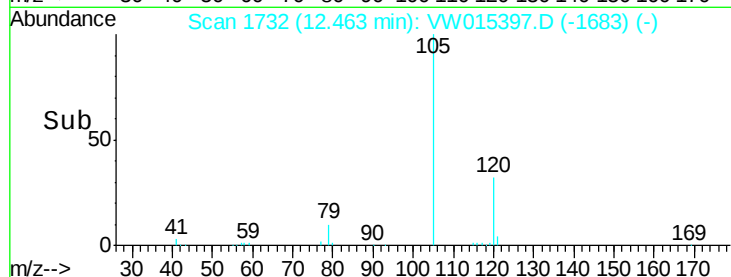
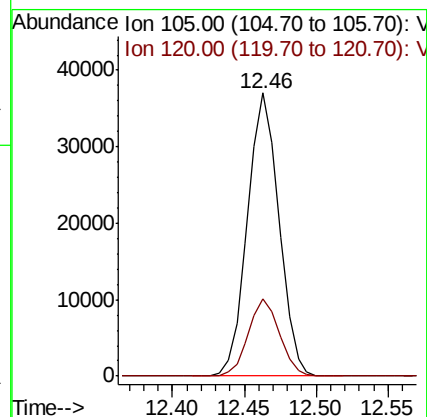
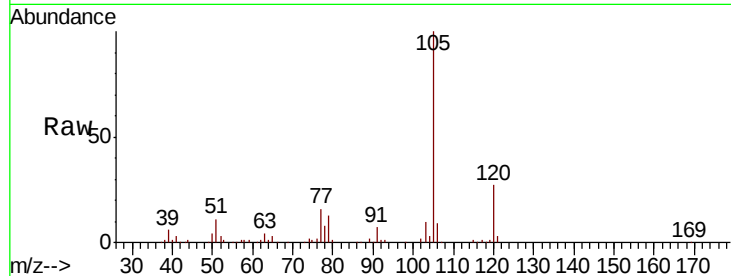
VSTDIC005

Tot Ion:105 Resp: 56105

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#74

N-ethyl acetate

Concen: 6.797 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Tgt Ion: 43 Resp: 13300

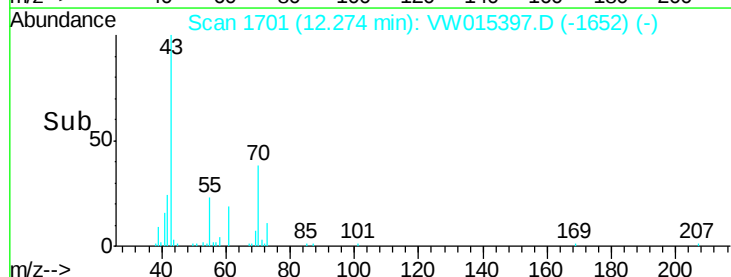
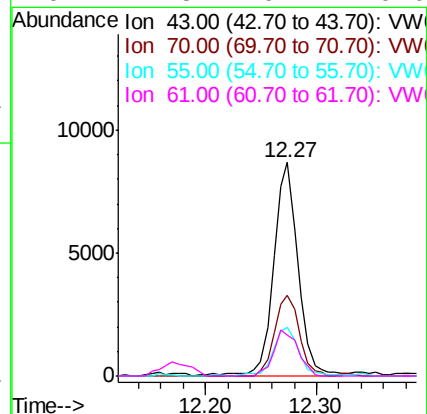
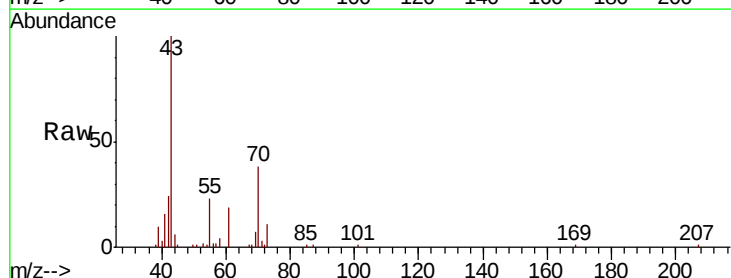
Ion Ratio Lower Upper

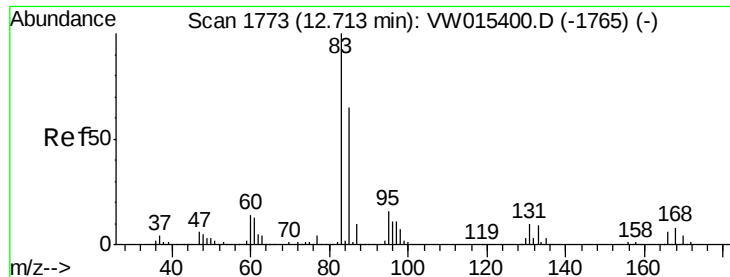
43 100

70 38.0 33.4 50.0

55 23.9 18.9 28.3

61 21.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.554 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

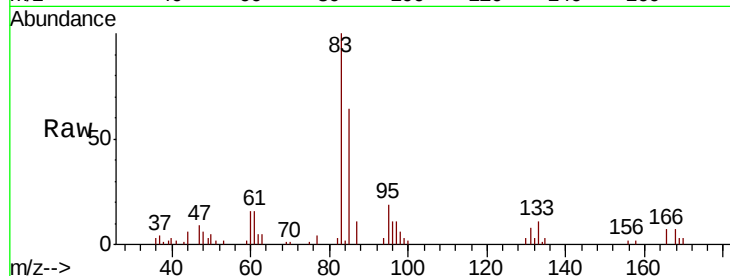
Tot Ion: 83 Resp: 8590

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

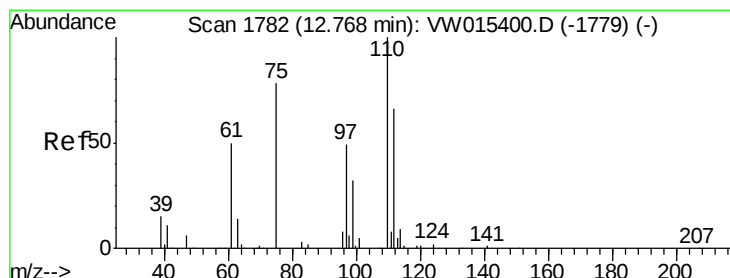
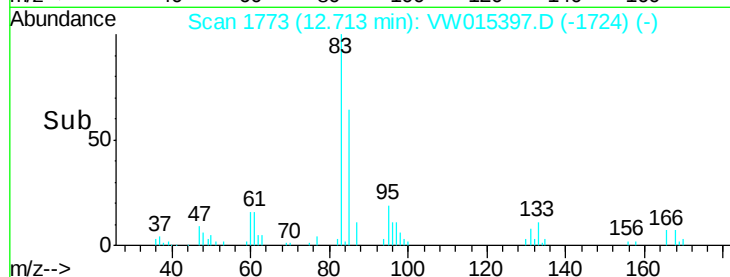
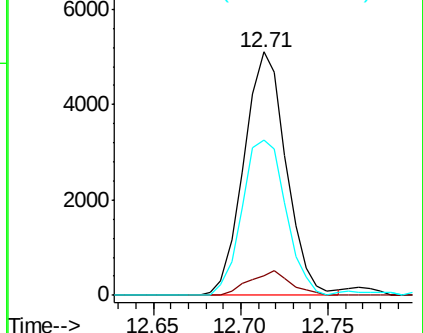
85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.618 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW015397.D

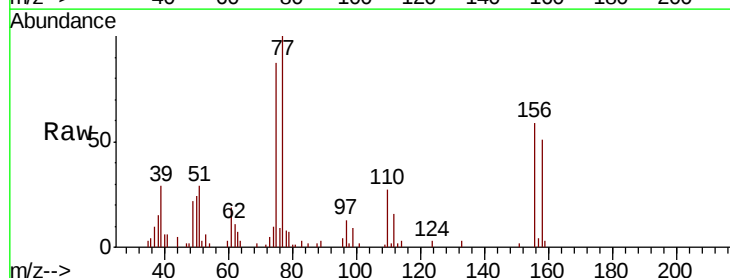
Acq: 05 May 2020 16:17

Tgt Ion: 75 Resp: 11716

Ion Ratio Lower Upper

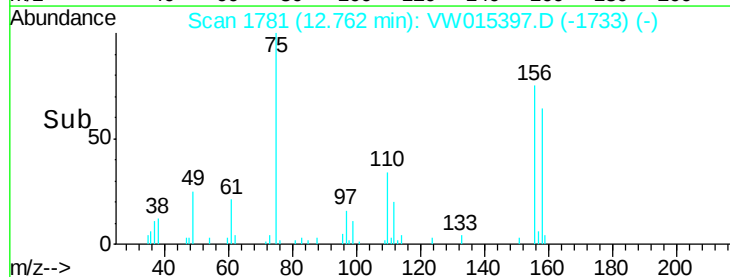
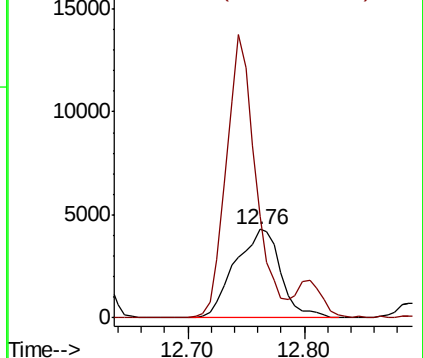
75 100

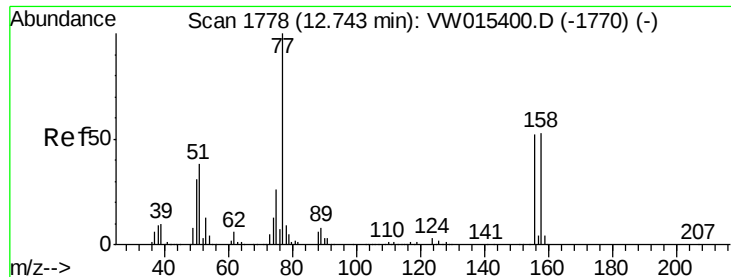
77 207.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.080 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

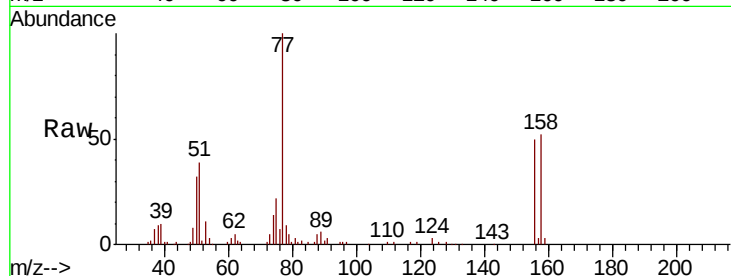
Tot Ion:156 Resp: 12203

Ion Ratio Lower Upper

156 100

77 199.5 101.8 305.6

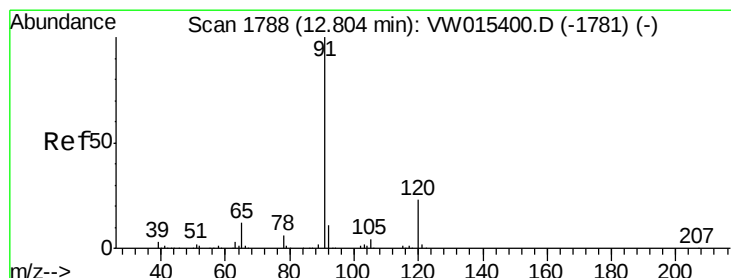
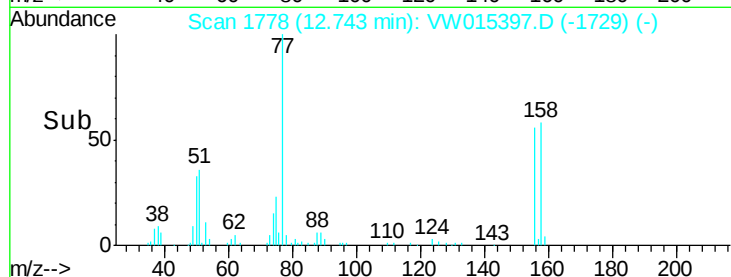
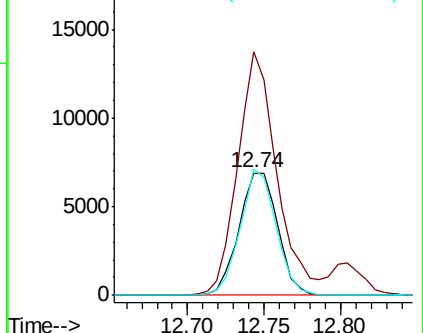
158 94.6 48.3 144.8



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: 5.542 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015397.D

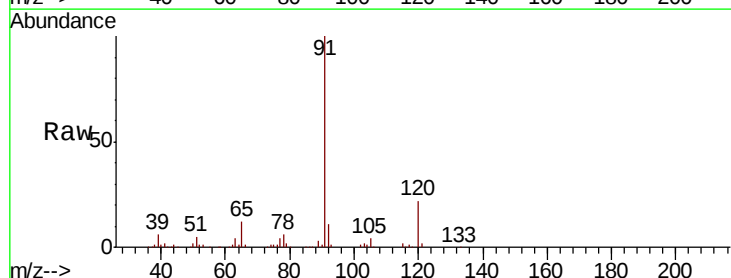
Acq: 05 May 2020 16:17

Tgt Ion: 91 Resp: 69035

Ion Ratio Lower Upper

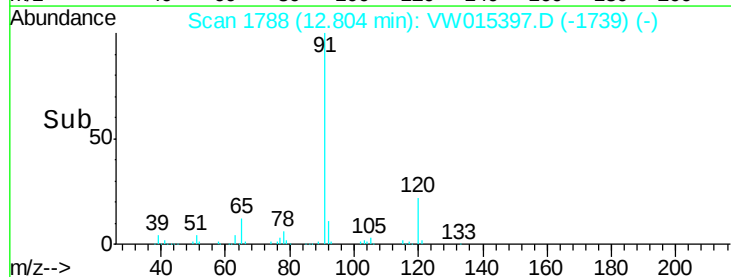
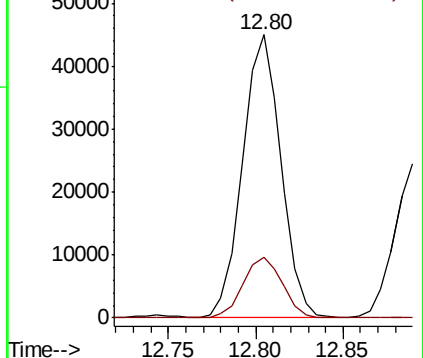
91 100

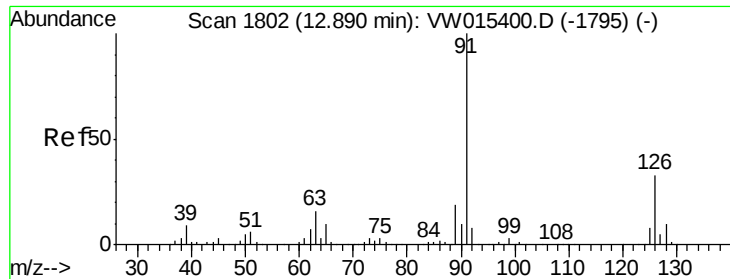
120 21.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.570 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

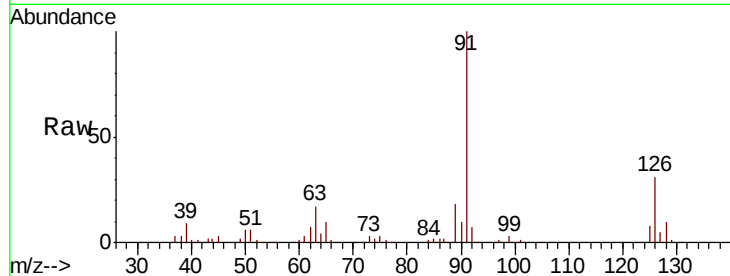
VSTDIC005

Tot Ion: 91 Resp: 39096

Ion Ratio Lower Upper

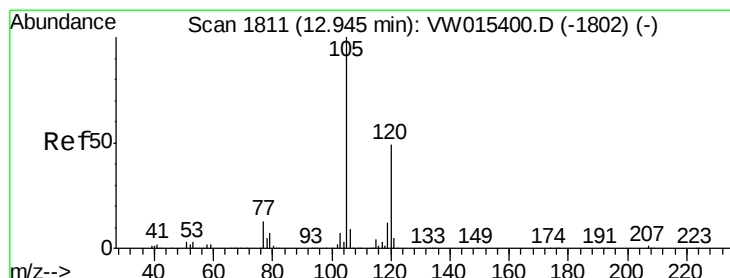
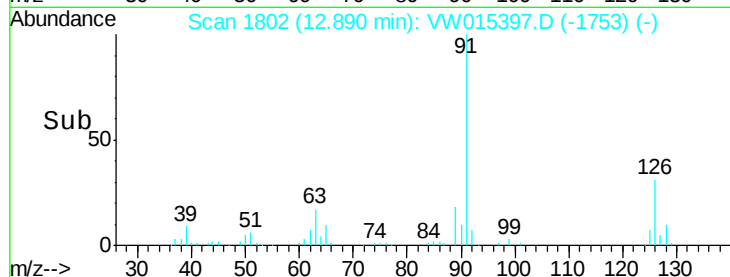
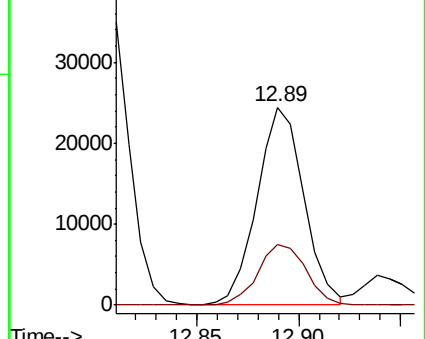
91 100

126 31.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.309 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015397.D

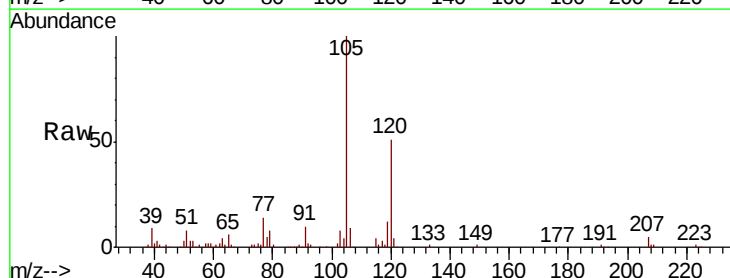
Acq: 05 May 2020 16:17

Tgt Ion:105 Resp: 48528

Ion Ratio Lower Upper

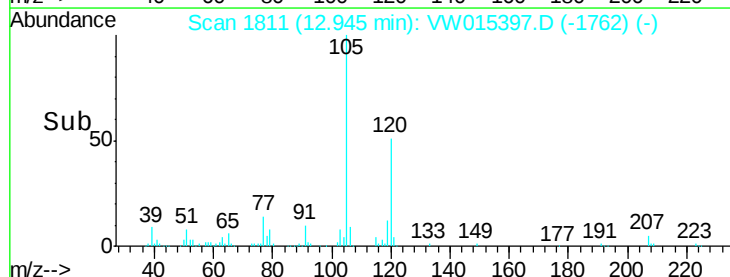
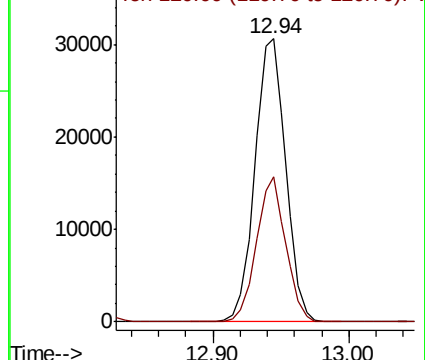
105 100

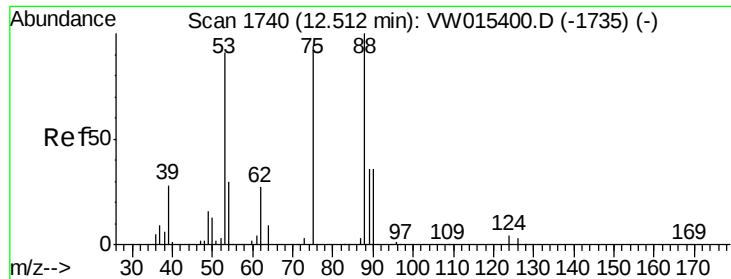
120 48.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.282 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

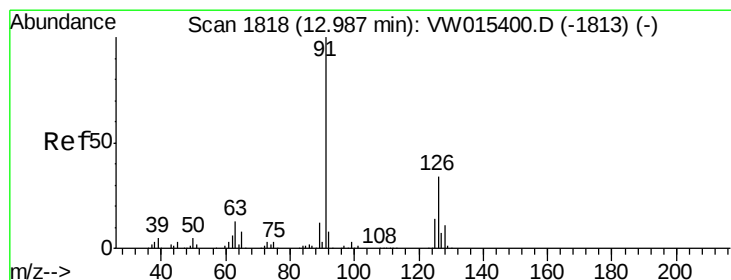
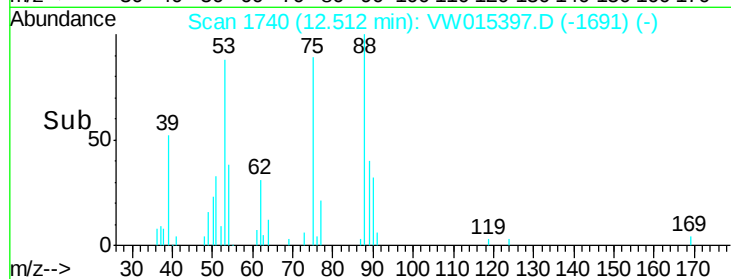
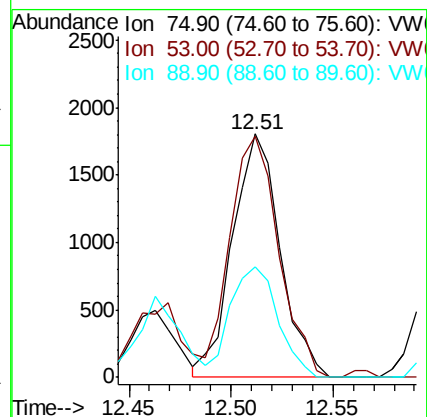
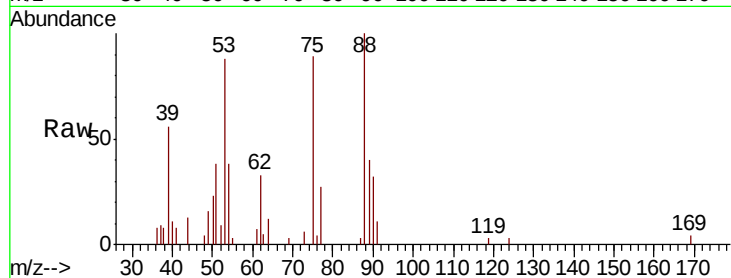
Tot Ion: 75 Resp: 2913

Ion Ratio Lower Upper

75 100

53 101.2 82.5 123.7

89 45.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 5.493 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015397.D

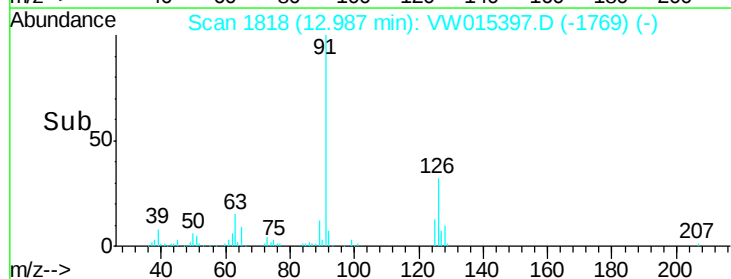
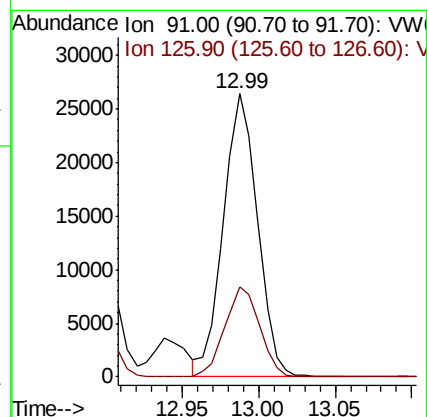
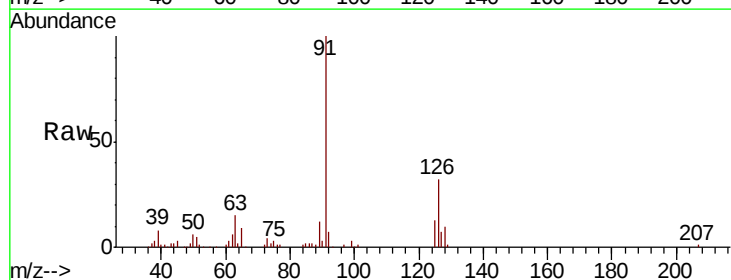
Acq: 05 May 2020 16:17

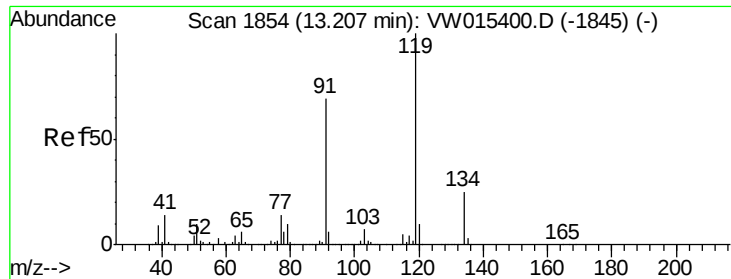
Tgt Ion: 91 Resp: 40890

Ion Ratio Lower Upper

91 100

126 32.5 16.0 47.9

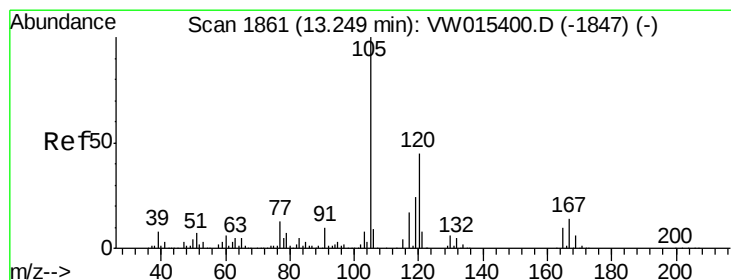
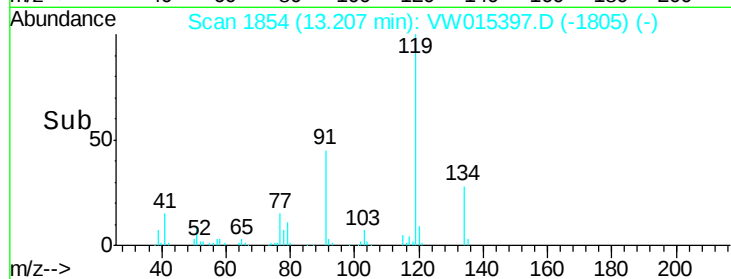
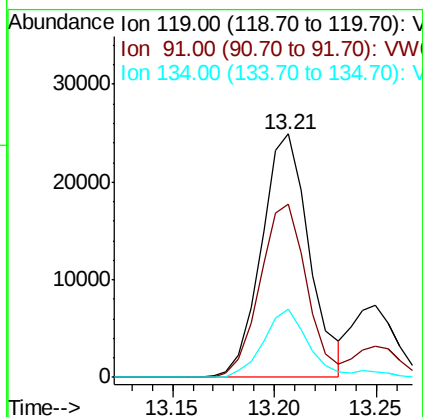
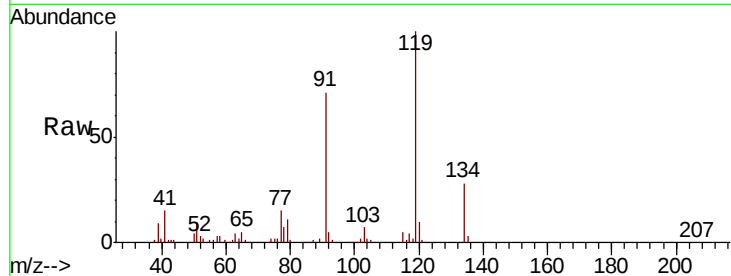




#83
tert-Butylbenzene
Concen: 5.107 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

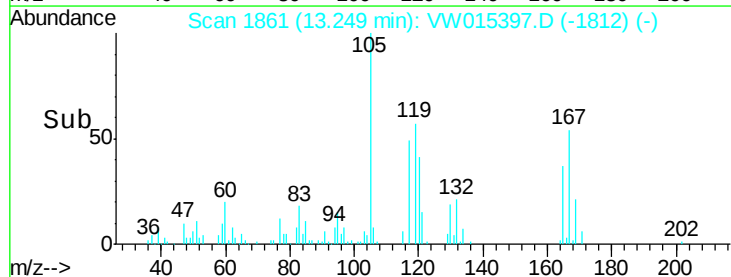
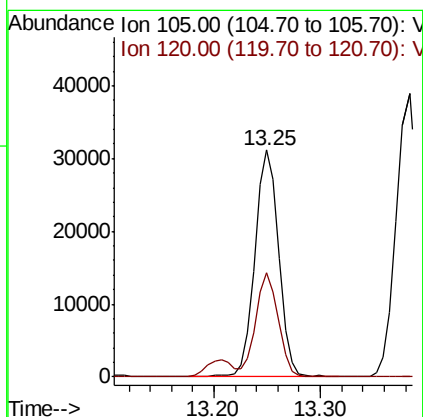
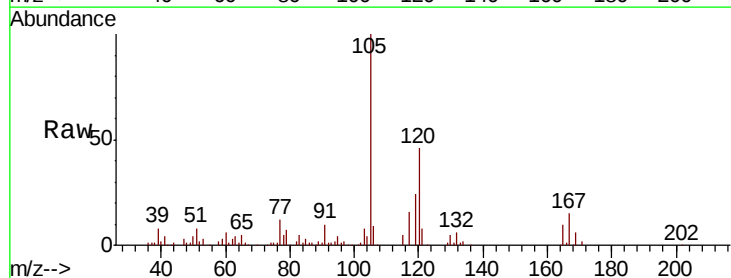
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

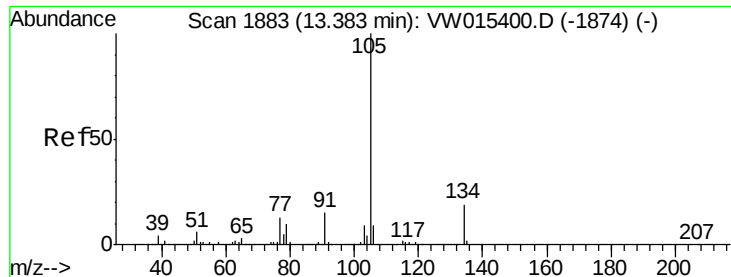
Tot Ion:119 Resp: 40699
Ion Ratio Lower Upper
119 100
91 69.7 33.8 101.4
134 25.9 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 5.417 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015397.D
Acq: 05 May 2020 16:17

Tgt Ion:105 Resp: 48975
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0

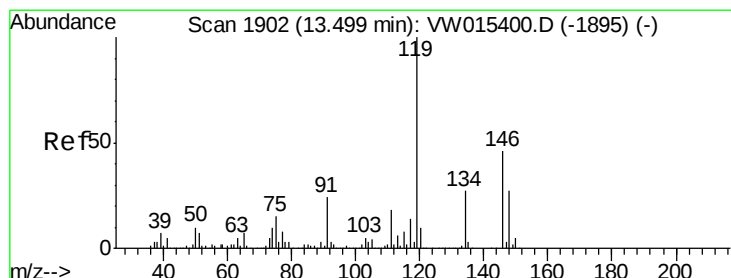
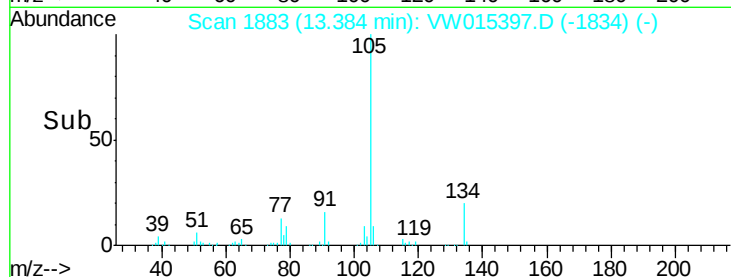
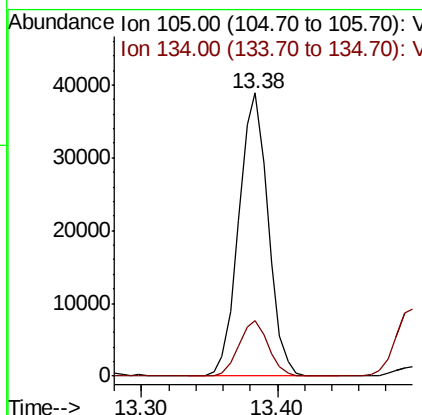
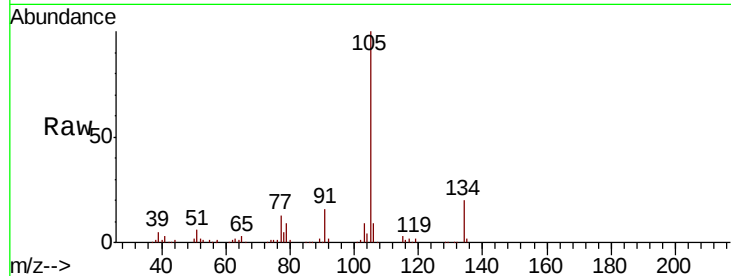




#85
 sec-Butylbenzene
 Concen: 5.287 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

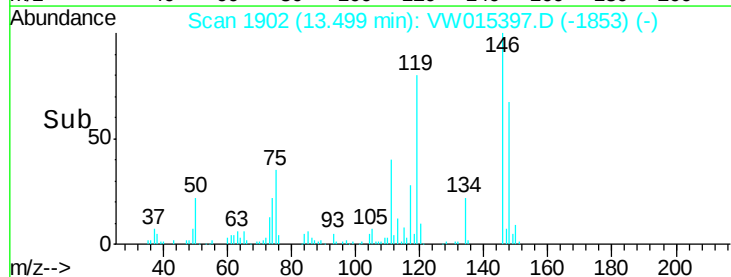
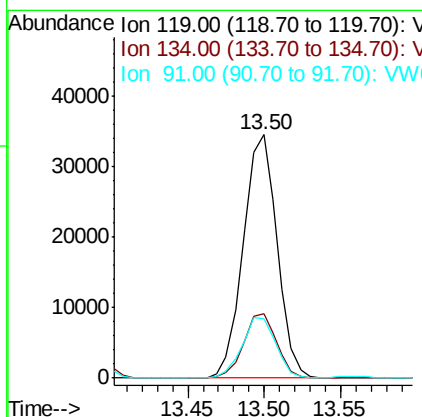
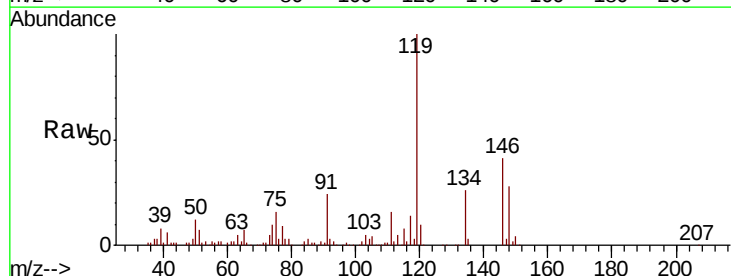
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

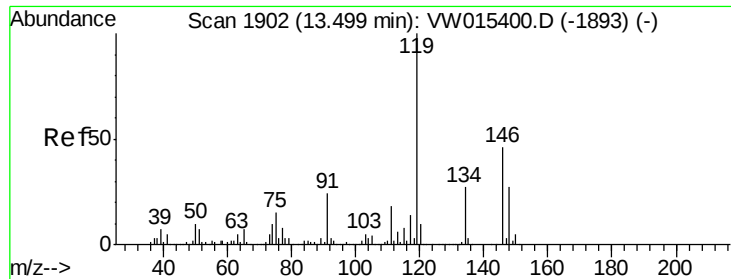
Tot Ion:105 Resp: 58402
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.198 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion:119 Resp: 53054
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.0 12.1 36.3

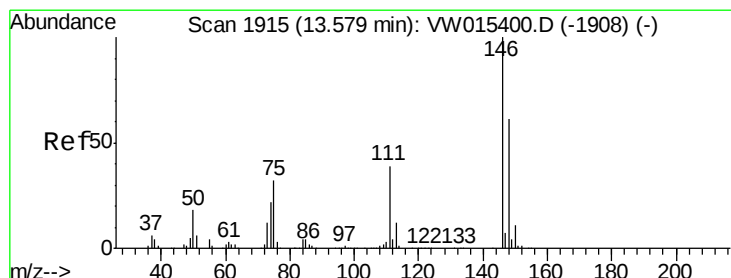
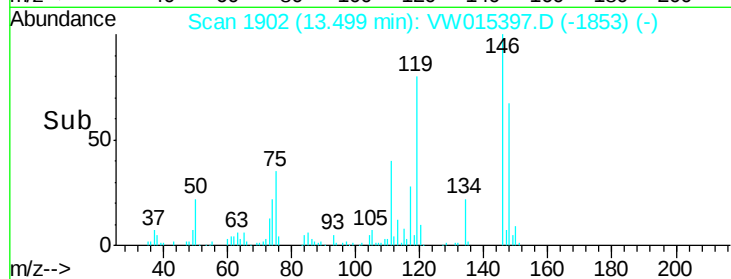
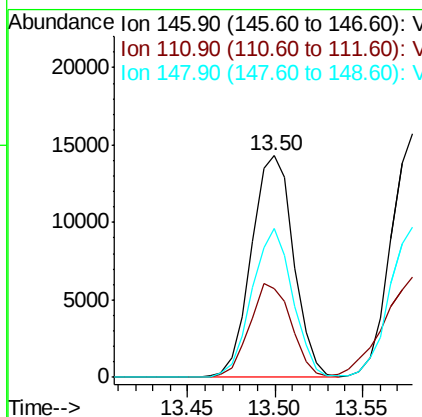
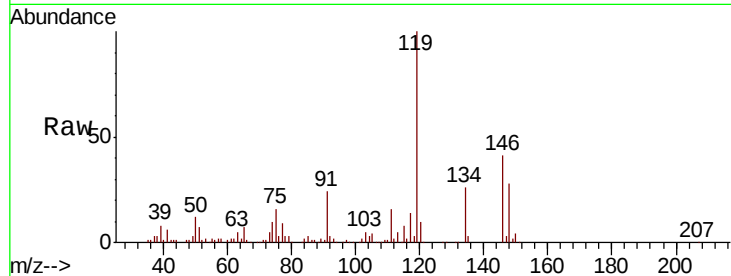




#87
 1,3-Dichlorobenzene
 Concen: 5.042 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

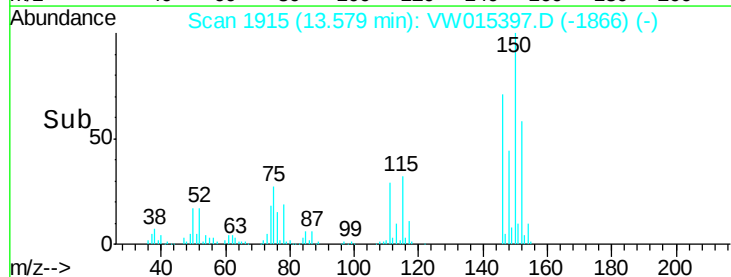
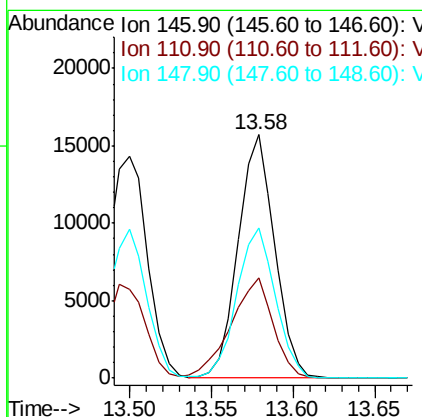
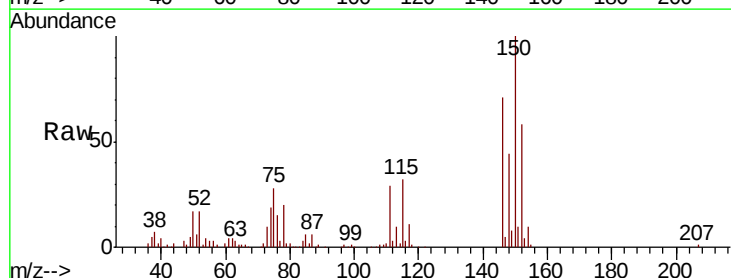
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

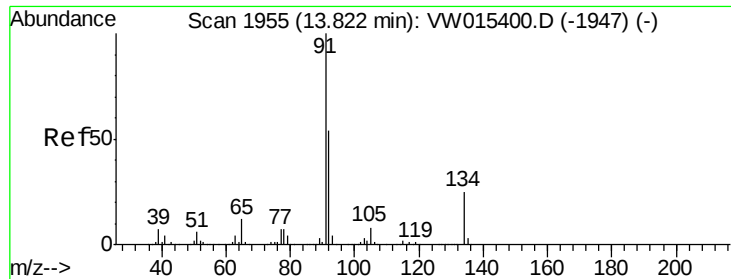
Tot Ion:146 Resp: 24210
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 64.8 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 5.201 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion:146 Resp: 24491
 Ion Ratio Lower Upper
 146 100
 111 48.0 20.0 60.0
 148 65.3 31.4 94.3





#89

n-Butylbenzene

Concen: 5.423 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

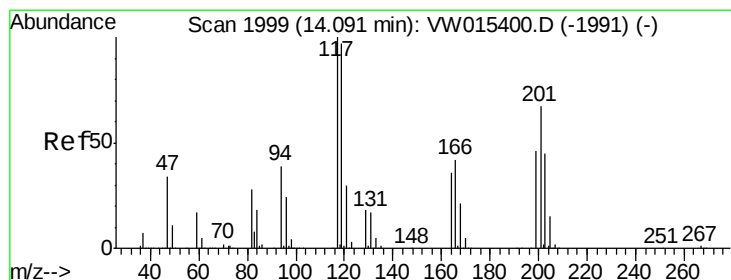
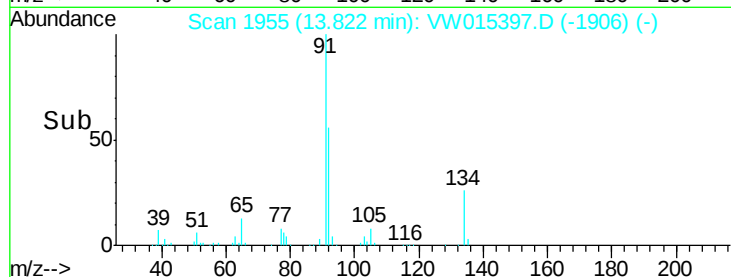
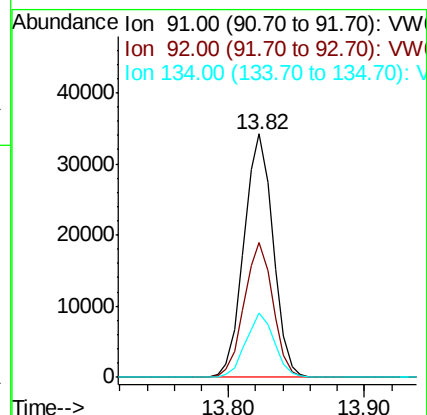
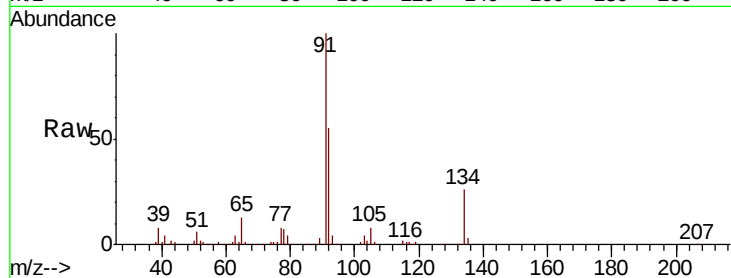
Tot Ion: 91 Resp: 51334

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 5.176 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW015397.D

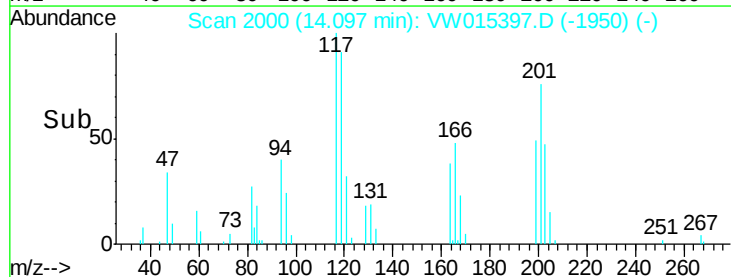
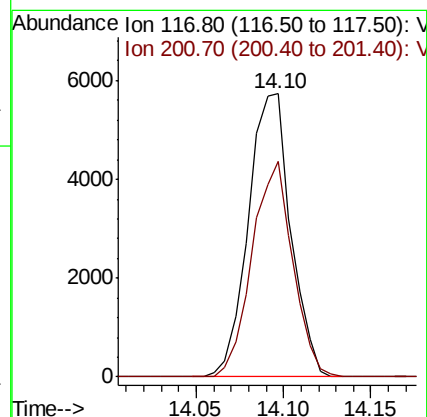
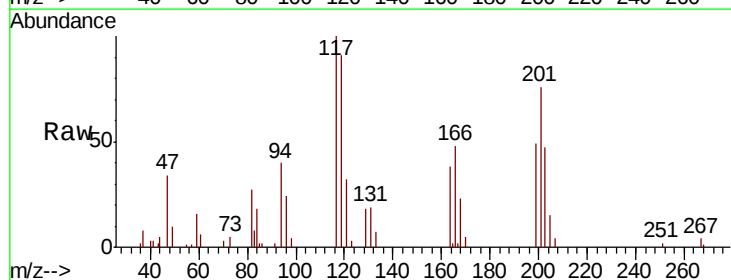
Acq: 05 May 2020 16:17

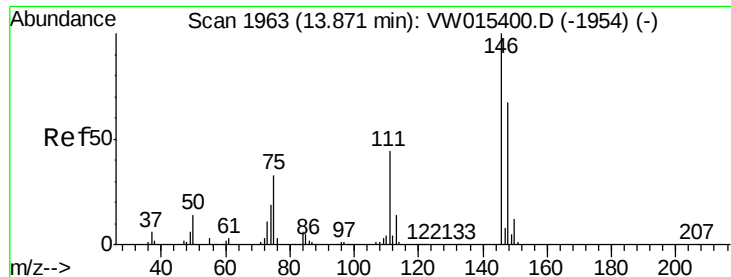
Tgt Ion: 117 Resp: 9708

Ion Ratio Lower Upper

117 100

201 72.7 35.9 107.8

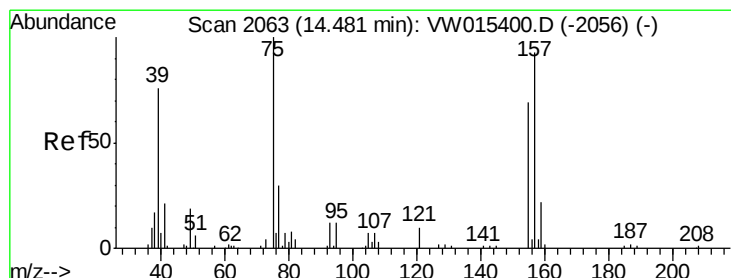
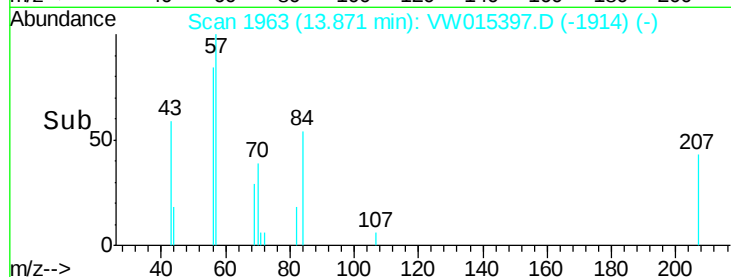
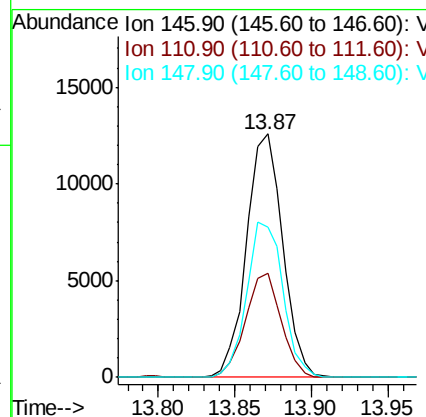
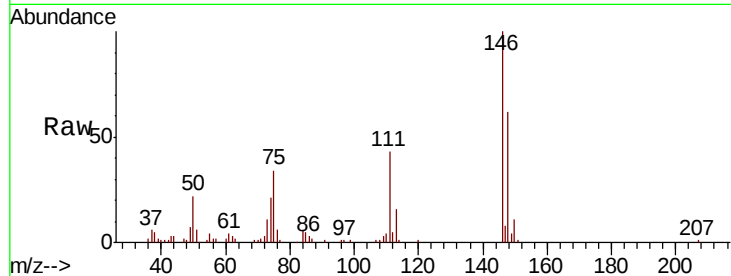




#91
 1,2-Dichlorobenzene
 Concen: 4.996 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

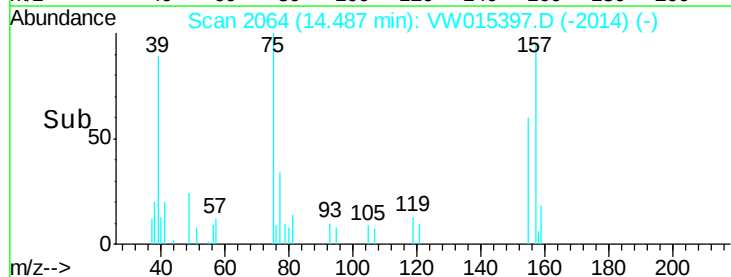
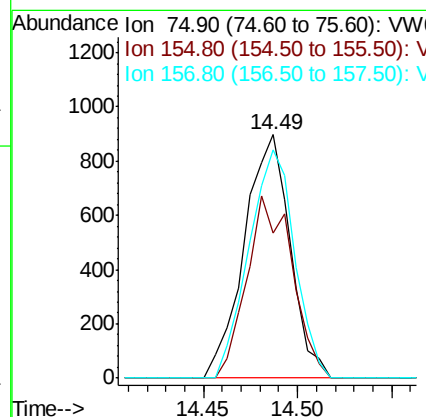
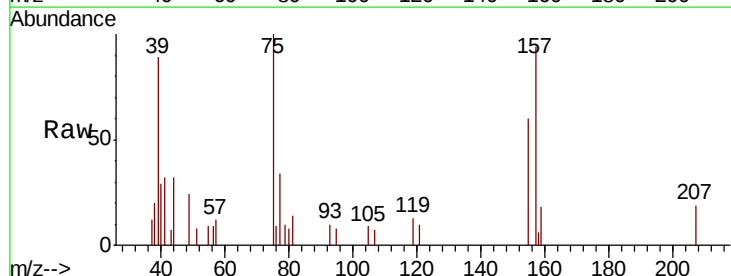
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

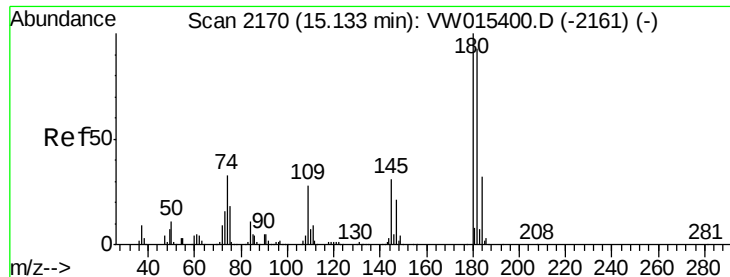
Tot Ion:146 Resp: 20732
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.3
 148 63.7 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.472 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion: 75 Resp: 1511
 Ion Ratio Lower Upper
 75 100
 155 74.0 38.7 116.1
 157 93.6 48.1 144.4

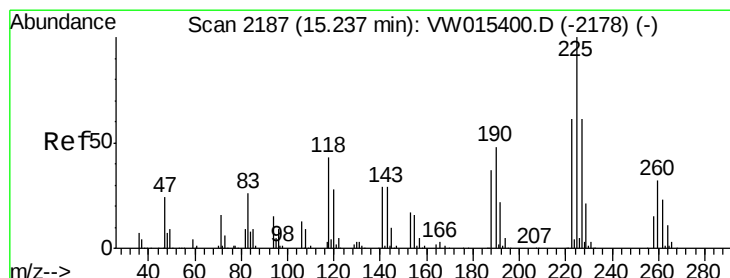
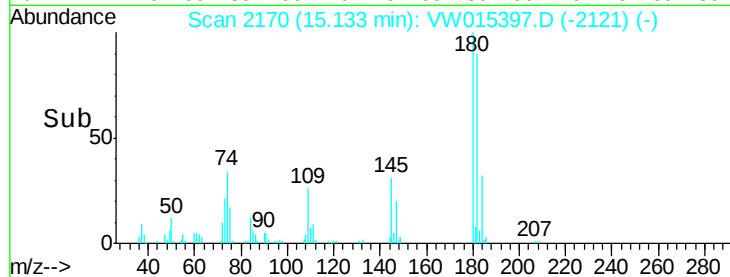
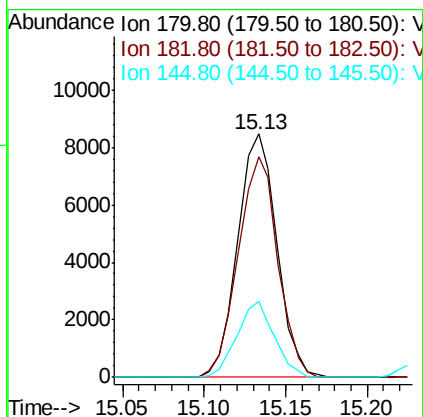
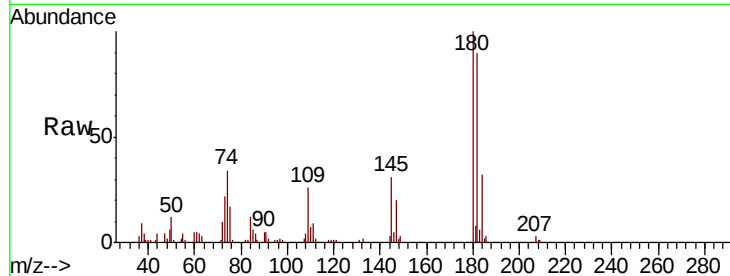




#93
 1,2,4-Trichlorobenzene
 Concen: 4.934 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

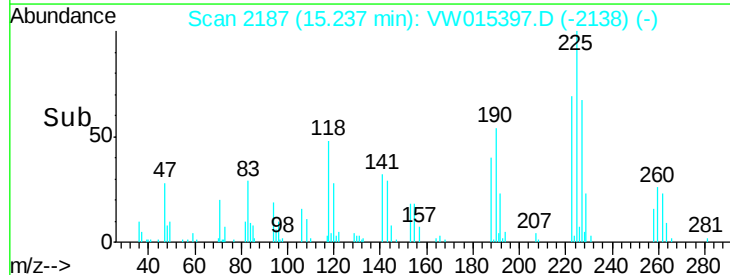
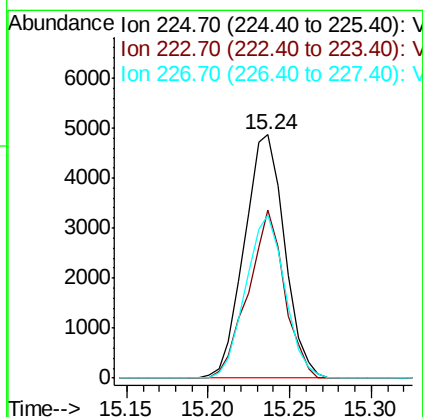
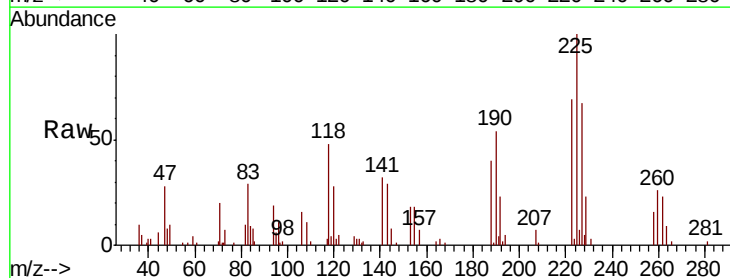
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

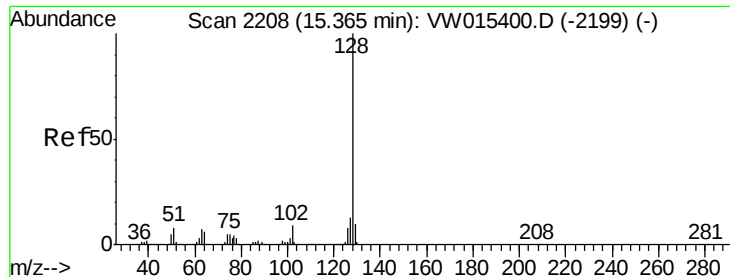
Tot Ion:180 Resp: 14158
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.2 141.6
 145 29.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 4.417 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015397.D
 Acq: 05 May 2020 16:17

Tgt Ion:225 Resp: 8363
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.7 92.1
 227 64.8 32.0 96.0





#95

Naphthalene

Concen: 4.979 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

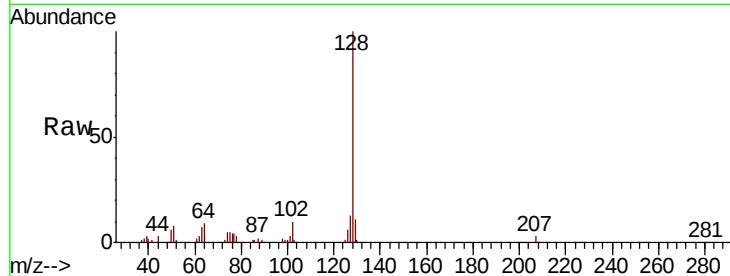
Tot Ion:128 Resp: 23424

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

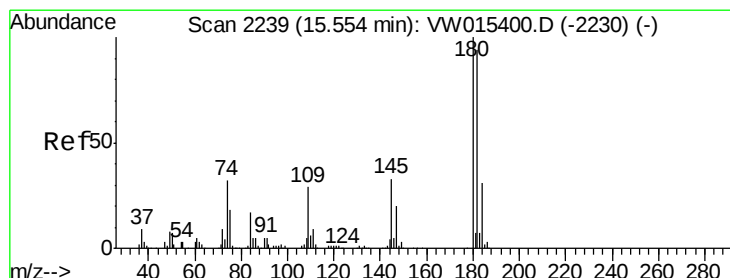
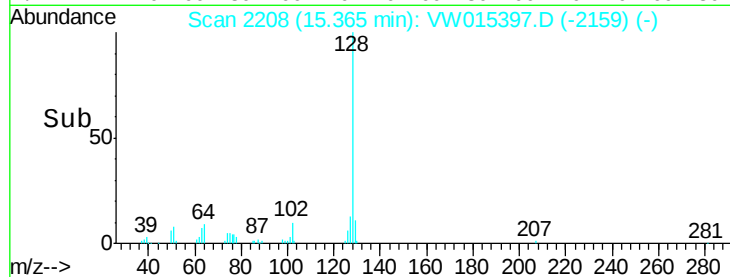
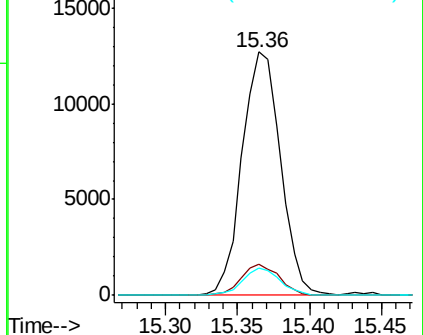
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.100 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015397.D

Acq: 05 May 2020 16:17

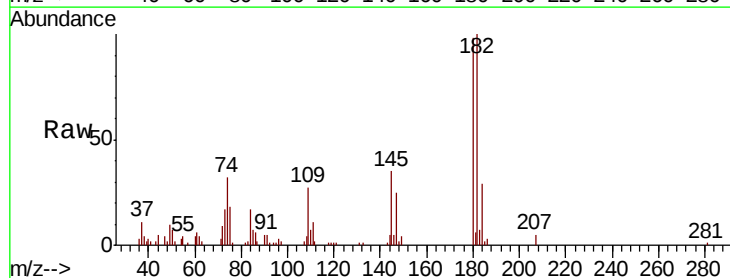
Tgt Ion:180 Resp: 11985

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 32.6 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

