

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016182.D
 Acq On : 14 Aug 2020 09:50
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 14 11:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	447906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187417	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	13895	5.11	ug/l	0.00
Spiked Amount			Recovery	=	10.22%	
35) Dibromofluoromethane	7.90	113	14656	5.46	ug/l	0.00
Spiked Amount			Recovery	=	10.92%	
50) Toluene-d8	10.33	98	53367	5.16	ug/l	0.00
Spiked Amount			Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.62	95	19469	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	9625	6.817	ug/l	92
3) Chloromethane	2.21	50	10999	5.883	ug/l	92
4) Vinyl Chloride	2.37	62	14547	5.128	ug/l	94
5) Bromomethane	2.78	94	9225	4.337	ug/l	93
6) Chloroethane	2.93	64	8187	4.373	ug/l	92
7) Trichlorofluoromethane	3.26	101	11207	5.449	ug/l	95
8) Diethyl Ether	3.69	74	6897	5.294	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15048	6.099	ug/l	95
10) Methyl Iodide	4.27	142	21112	6.090	ug/l	96
11) Tert butyl alcohol	5.21	59	1257	8.476	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	15195	6.217	ug/l	93
13) Acrolein	3.90	56	5279	28.127	ug/l	96
14) Allyl chloride	4.68	41	18907	4.922	ug/l	98
15) Acrylonitrile	5.38	53	12411	24.502	ug/l	99
16) Acetone	4.14	43	12803	25.468	ug/l	97
17) Carbon Disulfide	4.38	76	43817	6.048	ug/l	99
18) Methyl Acetate	4.68	43	6624	5.780	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	16713	4.691	ug/l	100
20) Methylene Chloride	4.92	84	26852	9.008	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	16487	5.870	ug/l	95
22) Diisopropyl ether	6.32	45	34374	4.472	ug/l #	93
23) Vinyl Acetate	6.27	43	91222	19.964	ug/l	98
24) 1,1-Dichloroethane	6.22	63	27422	5.565	ug/l	98
25) 2-Butanone	7.18	43	16759	24.670	ug/l	92
26) 2,2-Dichloropropane	7.18	77	19403	6.265	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	16613	5.568	ug/l	97
28) Bromochloromethane	7.51	49	9639	4.858	ug/l	99
29) Tetrahydrofuran	7.54	42	9220	22.353	ug/l	94
30) Chloroform	7.68	83	28780	5.699	ug/l	94
31) Cyclohexane	7.95	56	27100	5.828	ug/l #	81
32) 1,1,1-Trichloroethane	7.88	97	23443	5.536	ug/l	98
36) 1,1-Dichloropropene	8.09	75	21739	4.969	ug/l	99
37) Ethyl Acetate	7.27	43	7705	4.545	ug/l	95
38) Carbon Tetrachloride	8.07	117	22599	5.313	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 14 11:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24008	4.631	ug/l	98
40) Benzene	8.33	78	63977	5.313	ug/l	97
41) Methacrylonitrile	7.49	41	4103	4.268	ug/l	89
42) 1,2-Dichloroethane	8.40	62	16871	4.604	ug/l	98
43) Isopropyl Acetate	8.43	43	13338	4.076	ug/l	96
44) Trichloroethene	9.10	130	19385	6.040	ug/l	98
45) 1,2-Dichloropropane	9.37	63	14907	5.060	ug/l	99
46) Dibromomethane	9.46	93	7676	5.030	ug/l	96
47) Bromodichloromethane	9.65	83	19825	5.053	ug/l	98
48) Methyl methacrylate	9.45	41	5482	3.666	ug/l #	87
49) 1,4-Dioxane	9.48	88	1859	97.205	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	32254	20.117	ug/l	99
52) Toluene	10.39	92	39071	5.033	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	16274	4.335	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	21317	4.716	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	11469	5.416	ug/l	96
56) Ethyl methacrylate	10.65	69	9938	3.818	ug/l	96
57) 1,3-Dichloropropane	10.93	76	18754	5.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	24558	19.533	ug/l	98
59) 2-Hexanone	10.98	43	21153	19.718	ug/l	98
60) Dibromochloromethane	11.13	129	12630	5.121	ug/l	95
61) 1,2-Dibromoethane	11.24	107	10590	5.176	ug/l	99
64) Tetrachloroethene	10.87	164	14177	5.421	ug/l	93
65) Chlorobenzene	11.66	112	43492	5.395	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	14719	5.164	ug/l	97
67) Ethyl Benzene	11.73	91	73859	4.947	ug/l	97
68) m/p-Xylenes	11.84	106	56497	10.074	ug/l	97
69) o-Xylene	12.17	106	23989	4.694	ug/l	99
70) Styrene	12.18	104	40603	4.613	ug/l	98
71) Bromoform	12.35	173	6134	4.726	ug/l #	98
73) Isopropylbenzene	12.47	105	65479	4.922	ug/l	99
74) N-amyl acetate	12.27	43	11033	3.961	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	12429	5.582	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	14959	9.016	ug/l	34
77) Bromobenzene	12.75	156	16193	5.441	ug/l	97
78) n-propylbenzene	12.80	91	81056	5.037	ug/l	98
79) 2-Chlorotoluene	12.90	91	49574	5.395	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	57846	5.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3205	4.865	ug/l	92
82) 4-Chlorotoluene	12.99	91	50713	5.276	ug/l	100
83) tert-Butylbenzene	13.21	119	45986	4.885	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	56143	4.949	ug/l	100
85) sec-Butylbenzene	13.38	105	69372	5.099	ug/l	97
86) p-Isopropyltoluene	13.50	119	61695	4.965	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	33445	5.596	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33173	5.681	ug/l	95
89) n-Butylbenzene	13.82	91	56357	4.779	ug/l	100
90) Hexachloroethane	14.10	117	12045	5.368	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	28298	5.497	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1748	4.932	ug/l	94

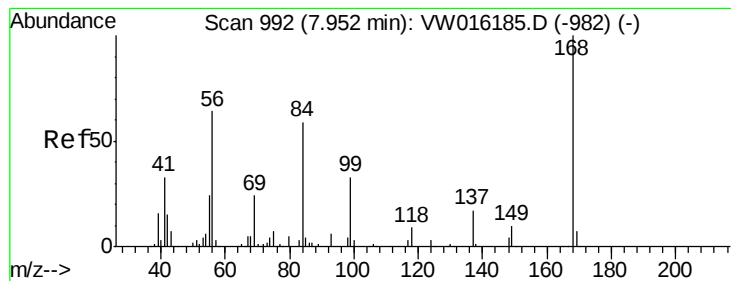
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
Data File : VW016182.D
Acq On : 14 Aug 2020 09:50
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 14 11:38:40 2020
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Quant Title : SW846 8260
QLast Update : Fri Aug 14 11:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	13575	4.193	ug/l	91
94) Hexachlorobutadiene	15.24	225	9742	4.823	ug/l	98
95) Naphthalene	15.36	128	22178	3.988	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	12276	4.403	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

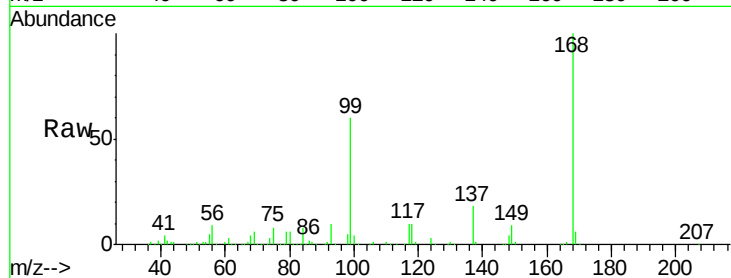
VSTDIC005

Tgt Ion:168 Resp: 261900

Ion Ratio Lower Upper

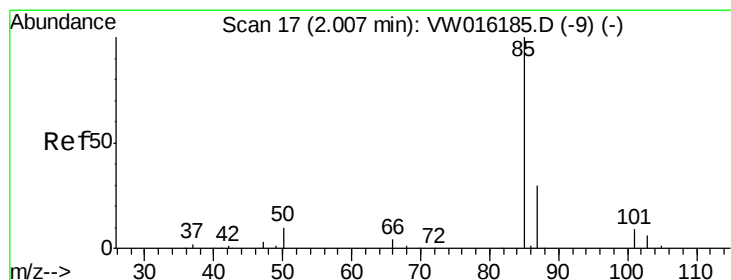
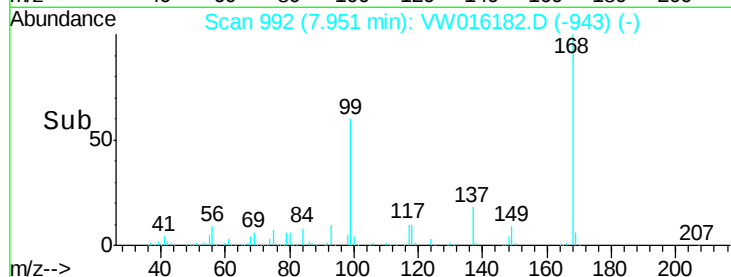
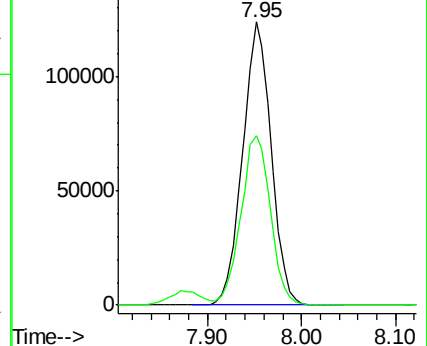
168 100

99 59.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 6.817 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016182.D

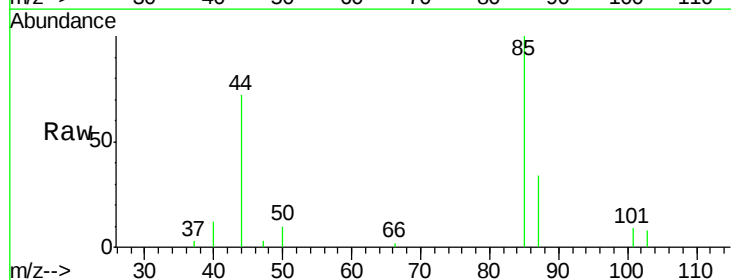
Acq: 14 Aug 2020 09:50

Tgt Ion: 85 Resp: 9625

Ion Ratio Lower Upper

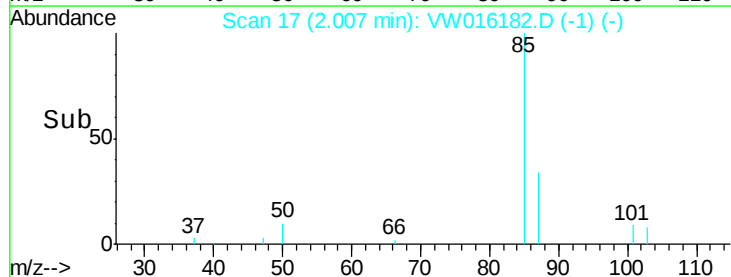
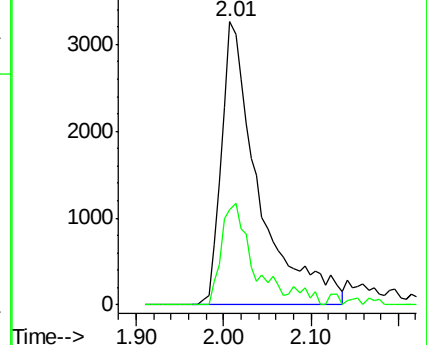
85 100

87 33.8 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.883 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

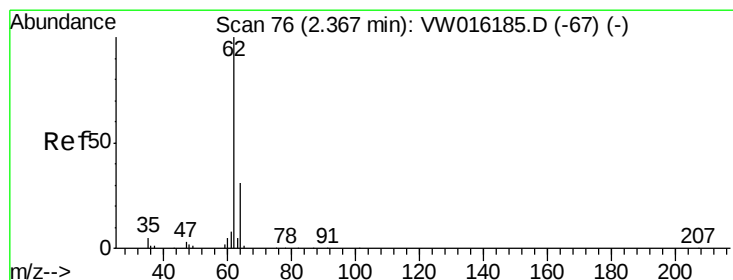
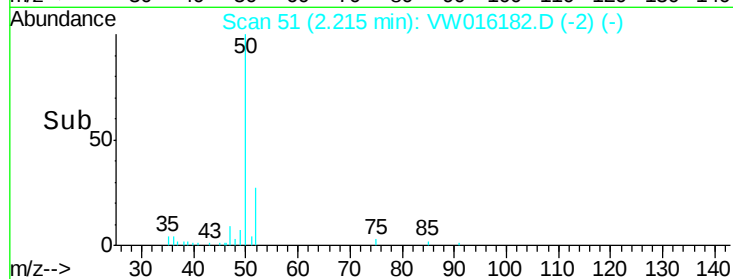
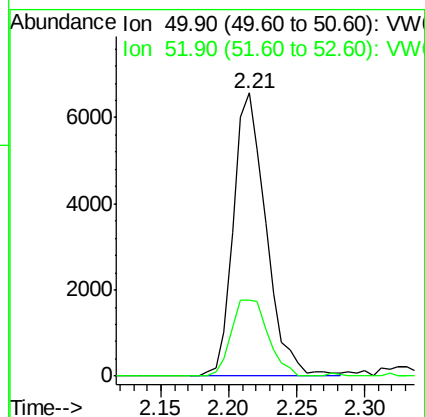
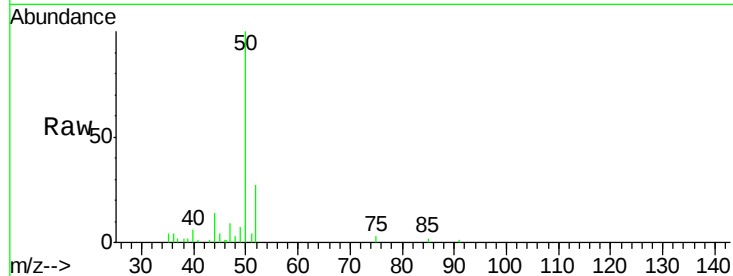
VSTDIC005

Tgt Ion: 50 Resp: 10999

Ion Ratio Lower Upper

50 100

52 27.0 25.3 37.9



#4

Vinyl Chloride

Concen: 5.128 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016182.D

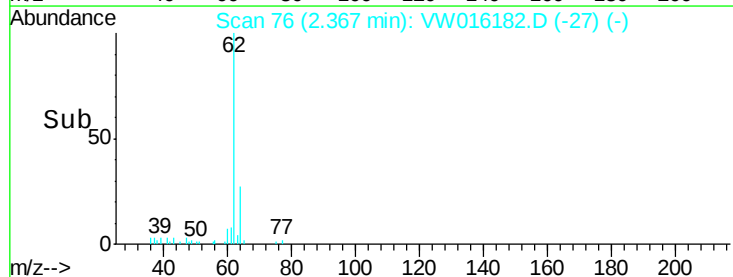
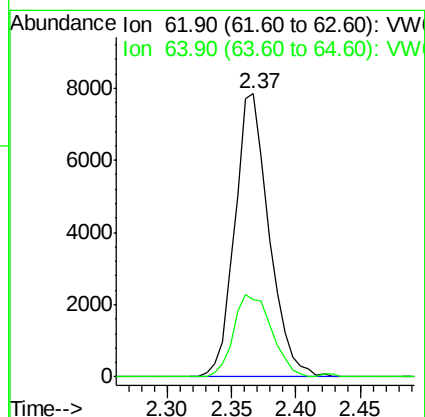
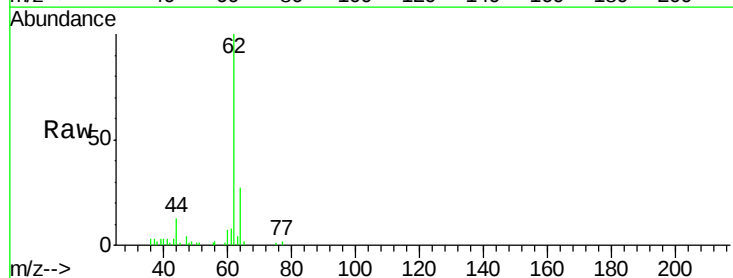
Acq: 14 Aug 2020 09:50

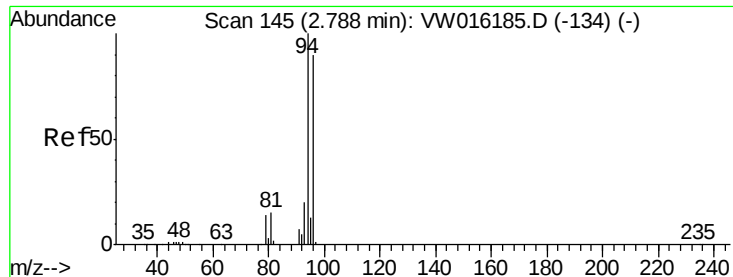
Tgt Ion: 62 Resp: 14547

Ion Ratio Lower Upper

62 100

64 27.4 24.5 36.7





#5

Bromomethane

Concen: 4.337 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

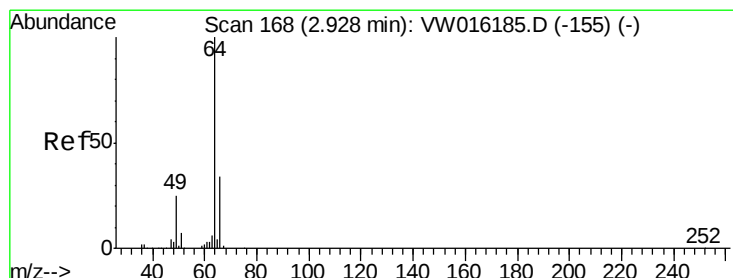
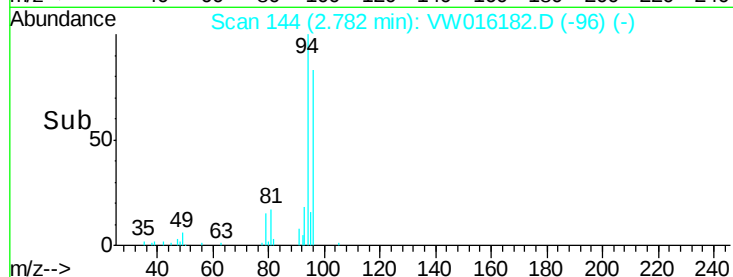
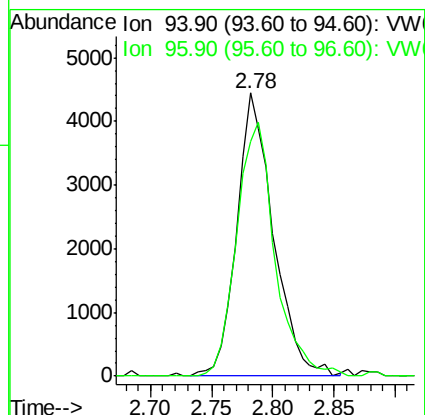
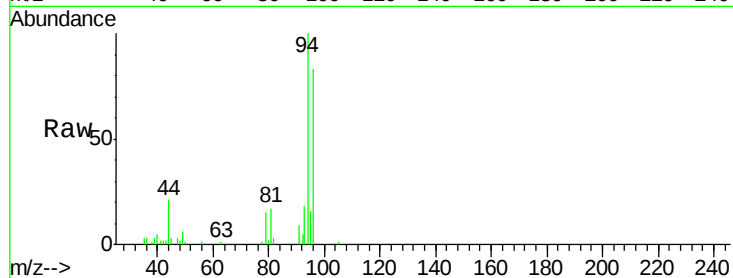
VSTDIC005

Tgt Ion: 94 Resp: 9225

Ion Ratio Lower Upper

94 100

96 82.9 71.8 107.6



#6

Chloroethane

Concen: 4.373 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW016182.D

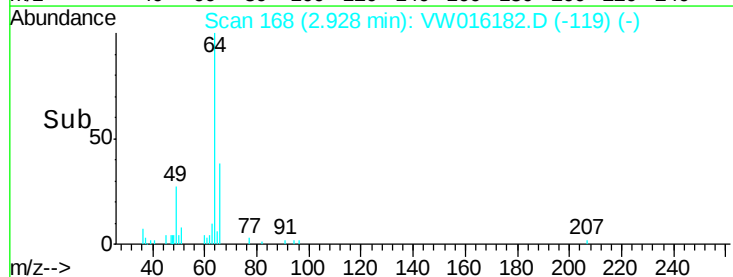
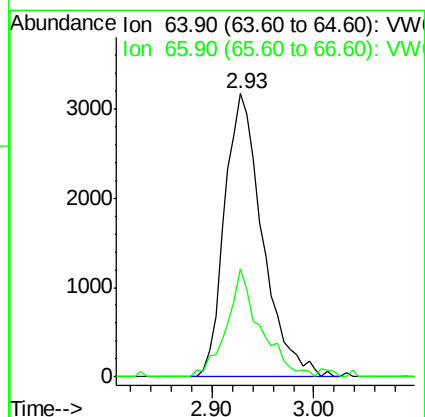
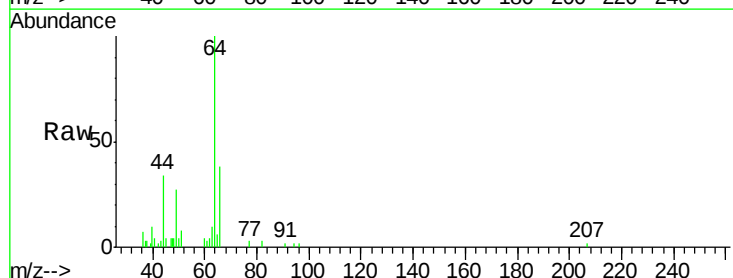
Acq: 14 Aug 2020 09:50

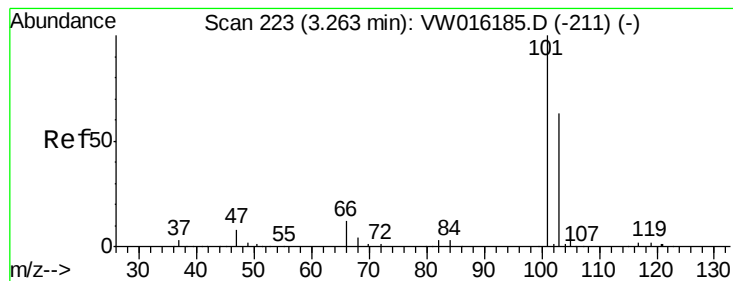
Tgt Ion: 64 Resp: 8187

Ion Ratio Lower Upper

64 100

66 38.2 26.9 40.3





#7

Trichlorofluoromethane

Concen: 5.449 ug/l

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

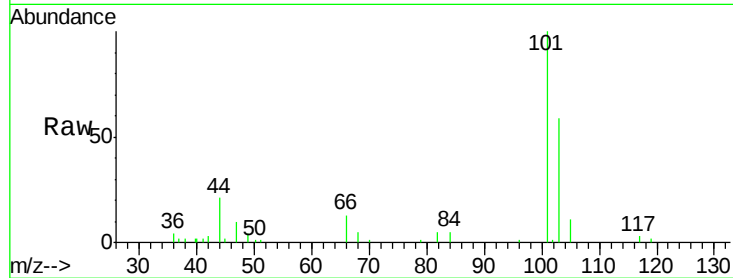
VSTDIC005

Tgt Ion:101 Resp: 11207

Ion Ratio Lower Upper

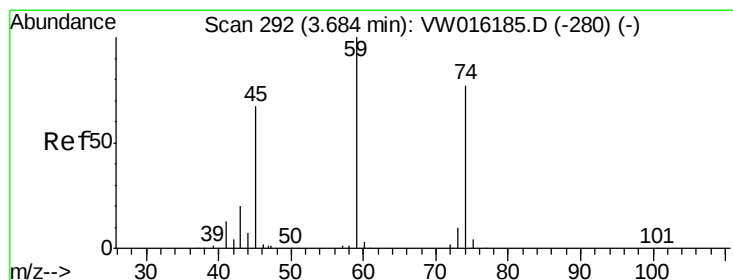
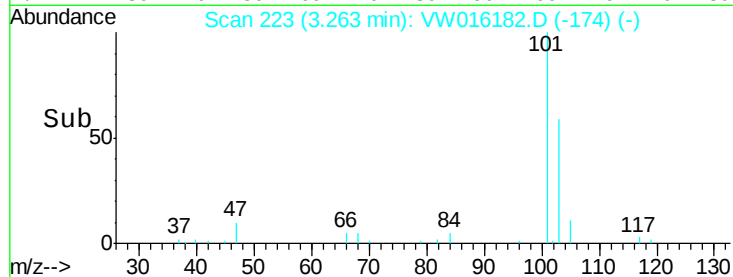
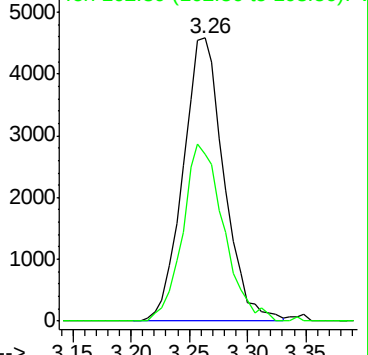
101 100

103 58.9 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.294 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW016182.D

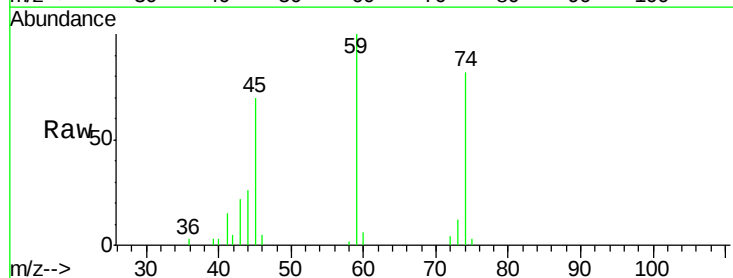
Acq: 14 Aug 2020 09:50

Tgt Ion: 74 Resp: 6897

Ion Ratio Lower Upper

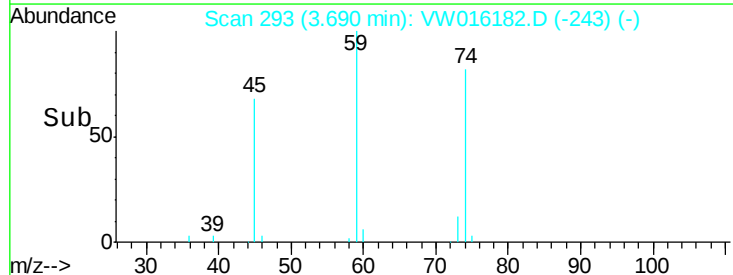
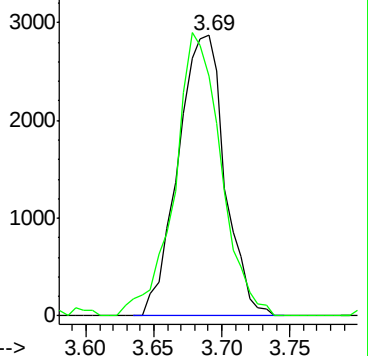
74 100

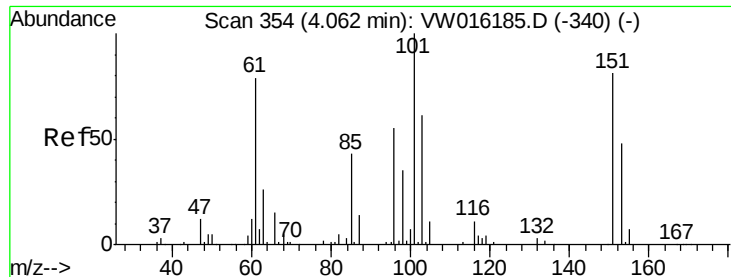
45 99.7 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

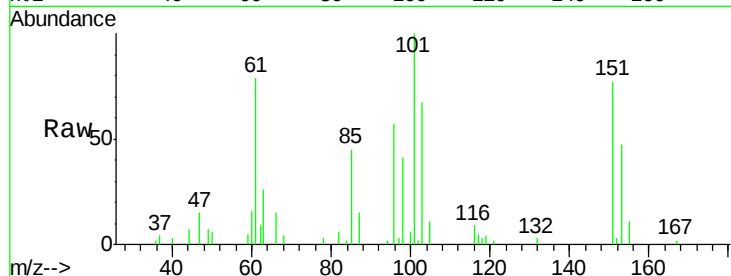




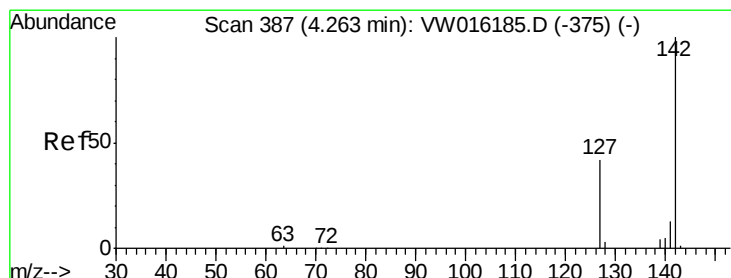
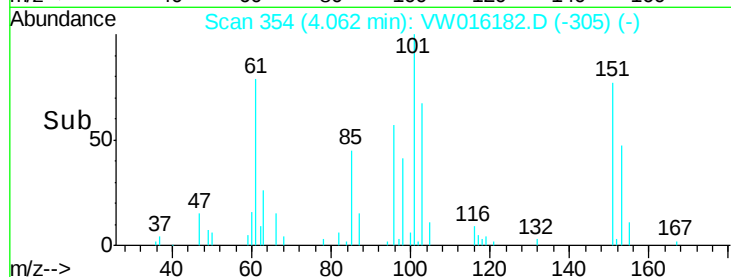
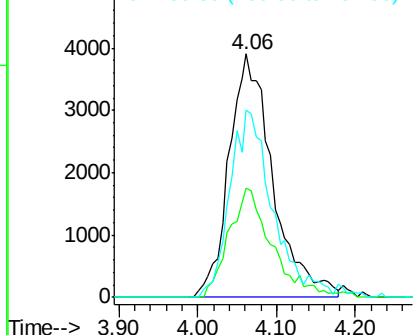
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.099 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VW016182.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 15048
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.3 49.9
 151 71.7 61.1 91.7

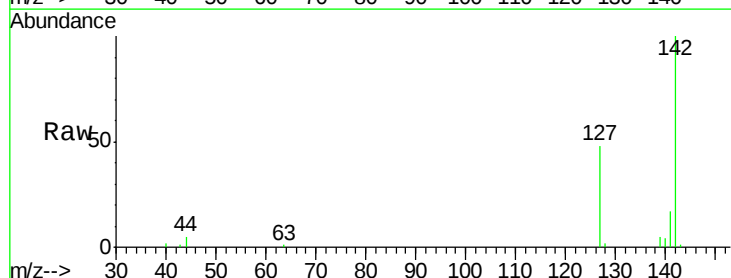


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

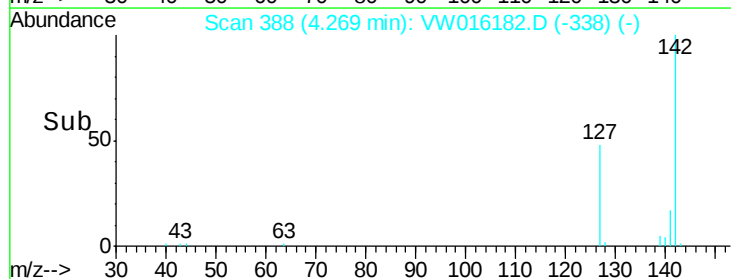
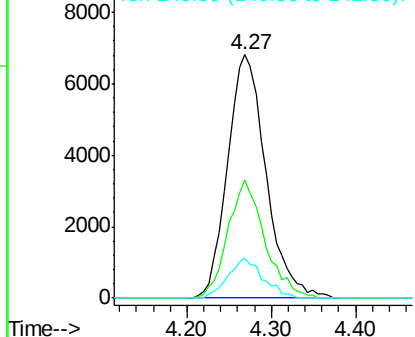


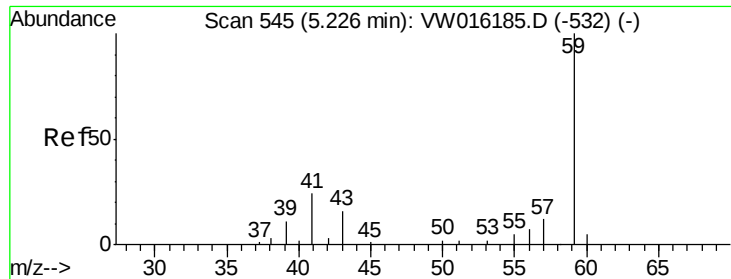
#10
 Methyl Iodide
 Concen: 6.090 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:142 Resp: 21112
 Ion Ratio Lower Upper
 142 100
 127 46.5 34.6 52.0
 141 14.9 11.4 17.2



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

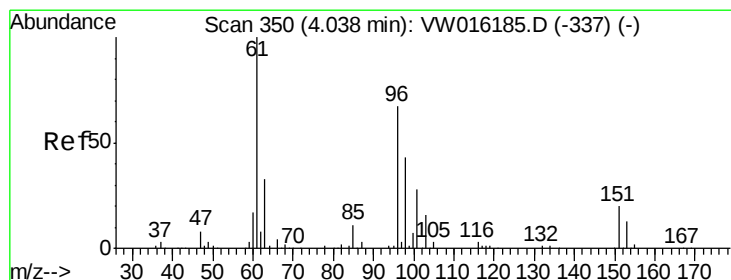
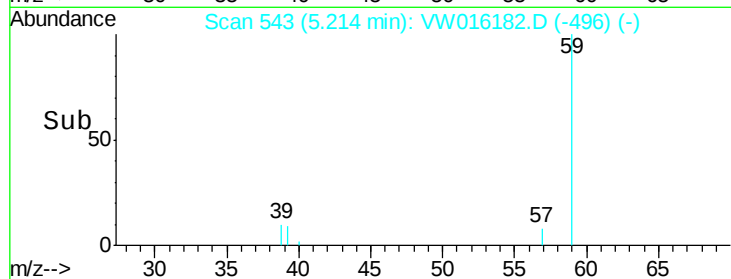
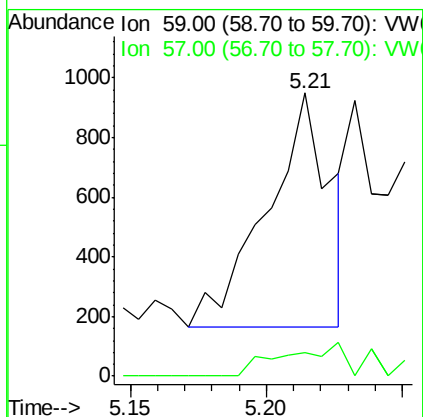
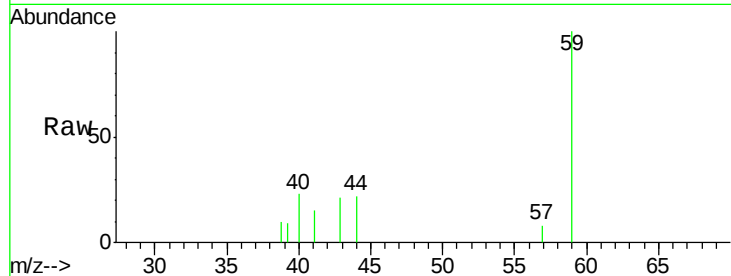




#11
Tert butyl alcohol
Concen: 8.476 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

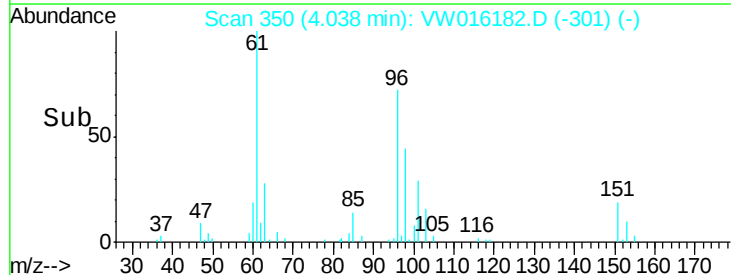
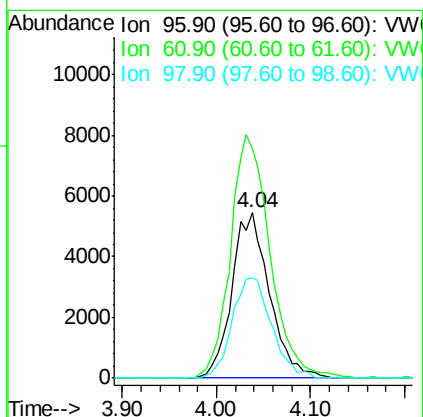
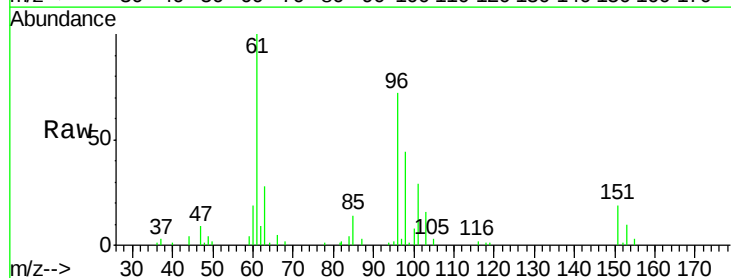
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

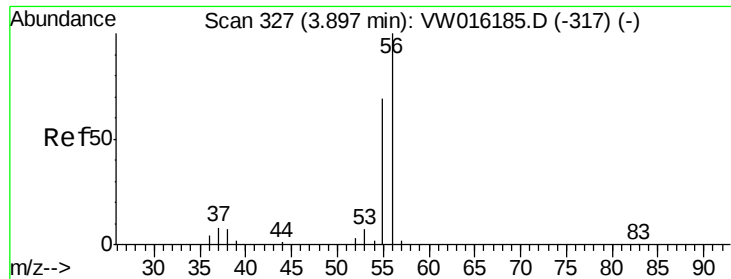
Tgt Ion: 59 Resp: 1257
Ion Ratio Lower Upper
59 100
57 16.1 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 6.217 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 96 Resp: 15195
Ion Ratio Lower Upper
96 100
61 138.6 119.5 179.3
98 60.4 51.3 76.9

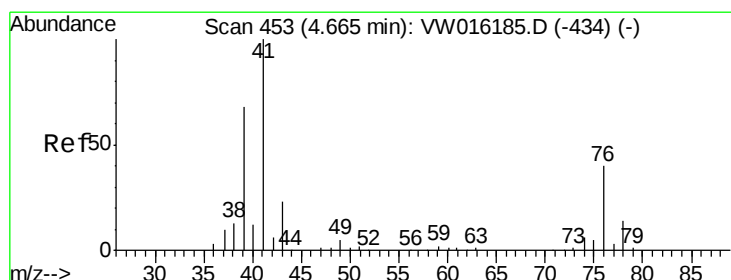
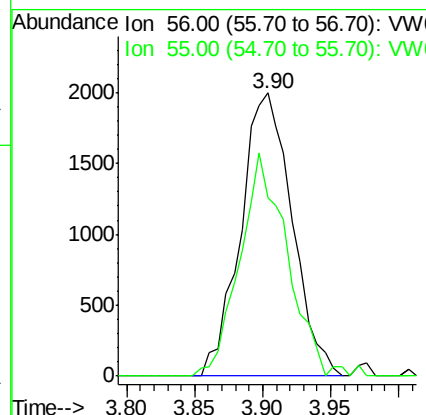
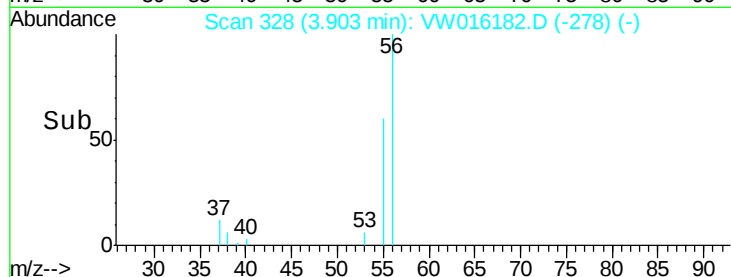
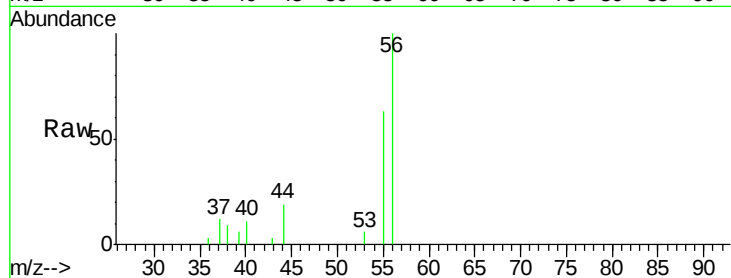




#13
 Acrolein
 Concen: 28.127 ug/l
 RT: 3.90 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

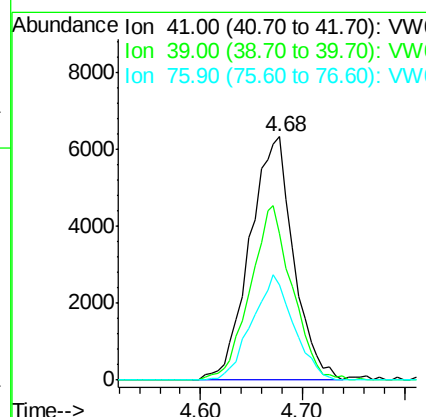
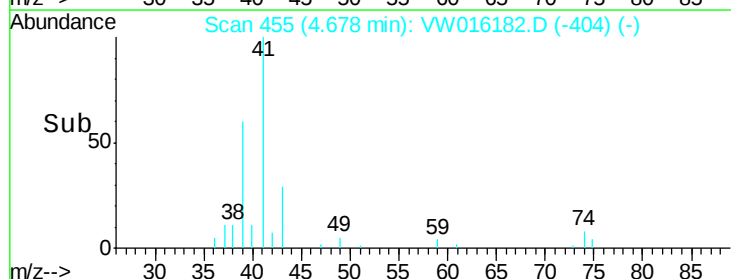
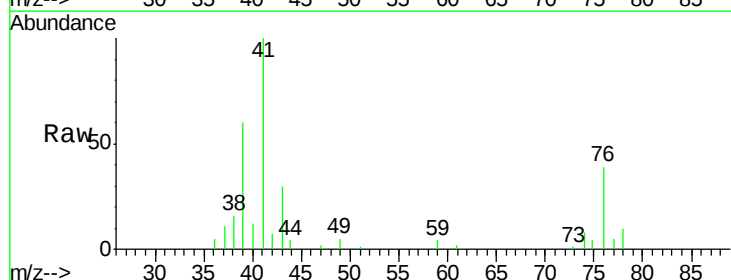
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

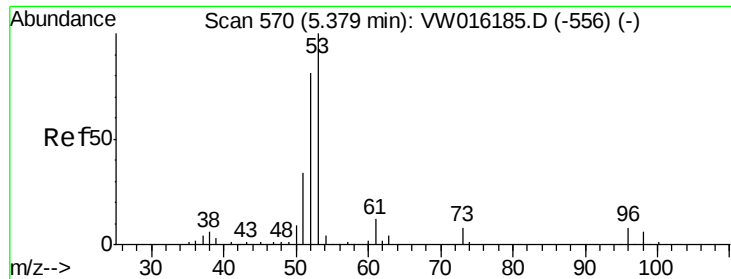
Tgt Ion: 56 Resp: 5279
 Ion Ratio Lower Upper
 56 100
 55 72.0 55.0 82.6



#14
 Allyl chloride
 Concen: 4.922 ug/l
 RT: 4.68 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 41 Resp: 18907
 Ion Ratio Lower Upper
 41 100
 39 68.6 53.4 80.0
 76 41.0 32.0 48.0

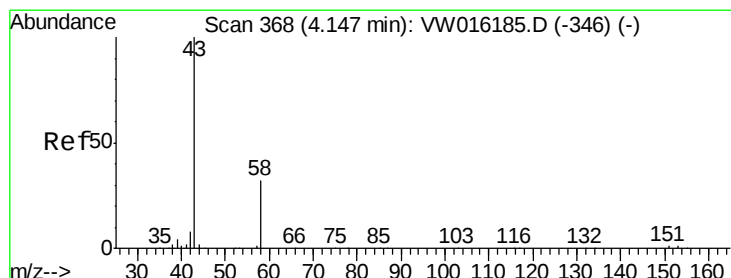
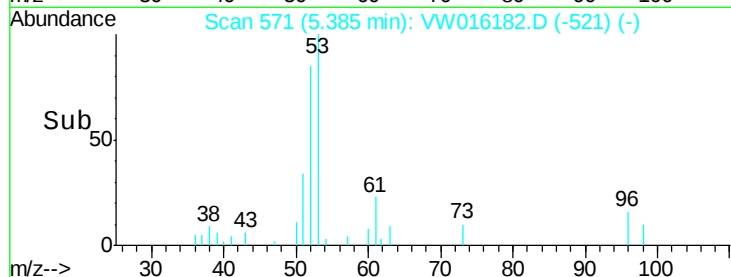
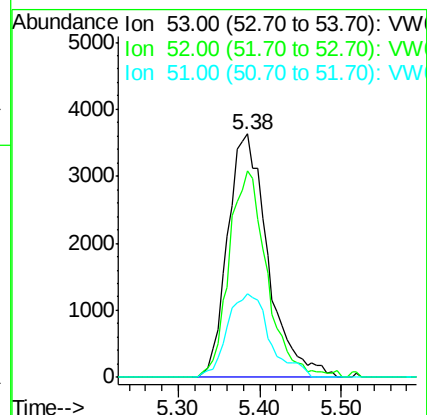
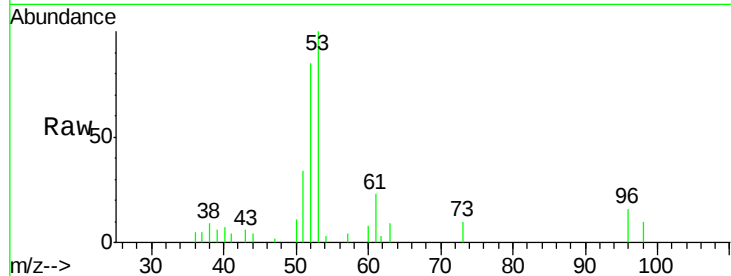




#15
 Acrylonitrile
 Concen: 24.502 ug/l
 RT: 5.38 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

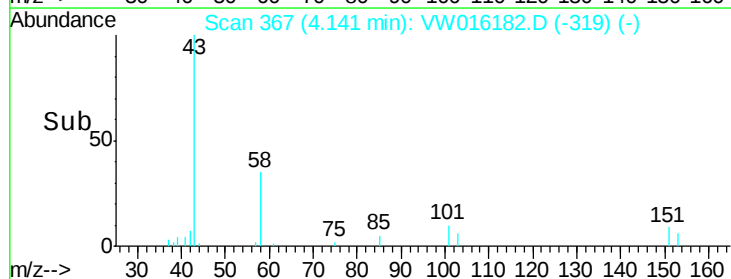
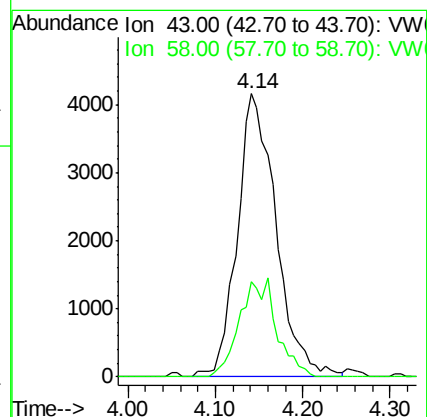
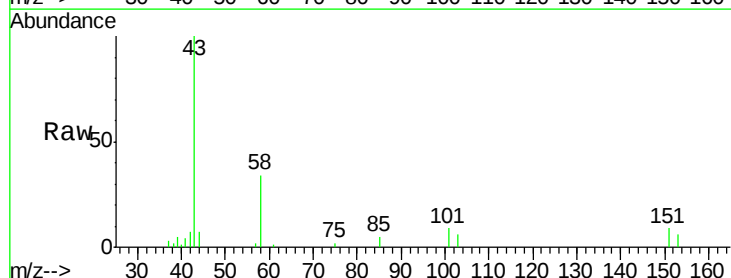
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

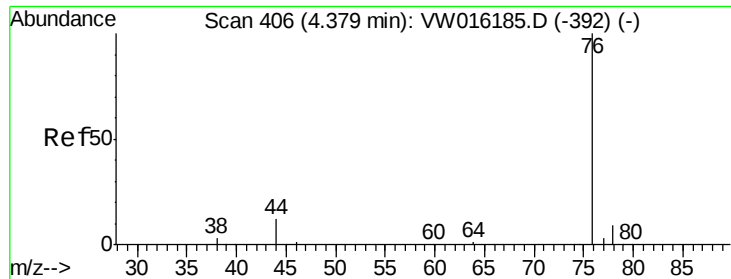
Tgt Ion:	53	Resp:	12411
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.3	97.9
51	36.1	29.0	43.4



#16
 Acetone
 Concen: 25.468 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:	43	Resp:	12803
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6

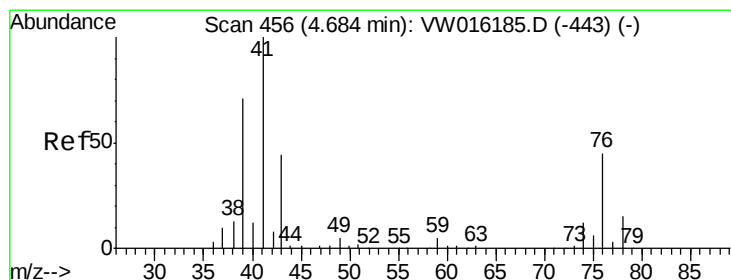
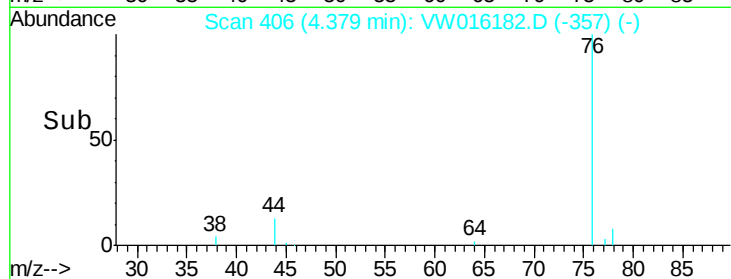
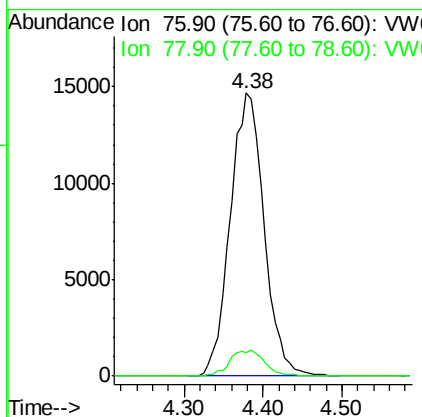
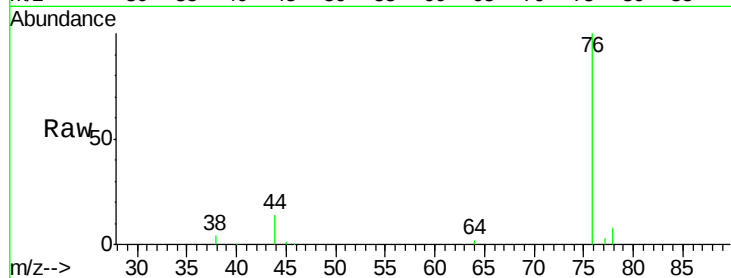




#17
Carbon Disulfide
Concen: 6.048 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

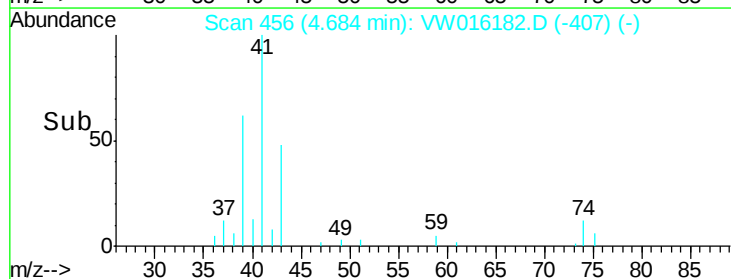
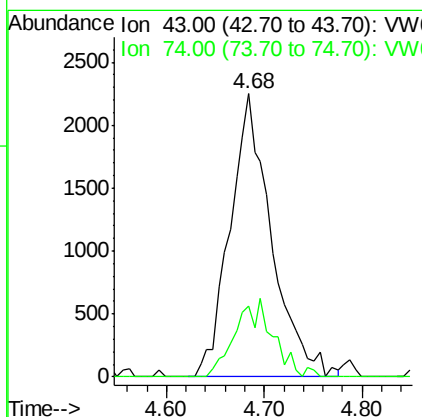
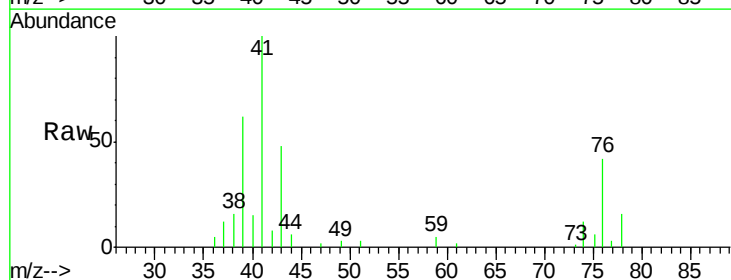
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

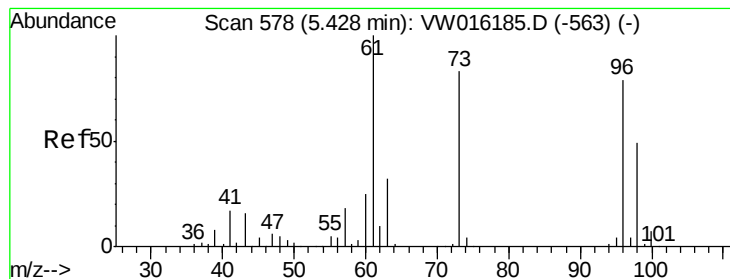
Tgt Ion: 76 Resp: 43817
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 5.780 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
74 24.7 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 4.691 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

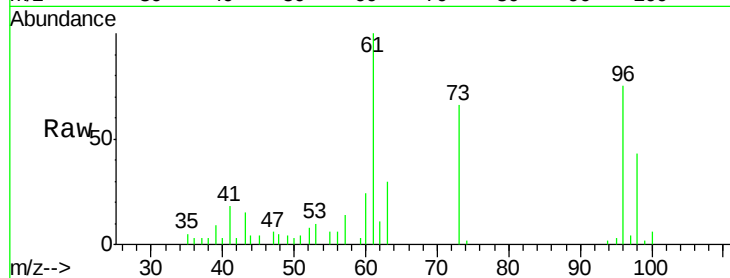
VSTDIC005

Tgt Ion: 73 Resp: 16713

Ion Ratio Lower Upper

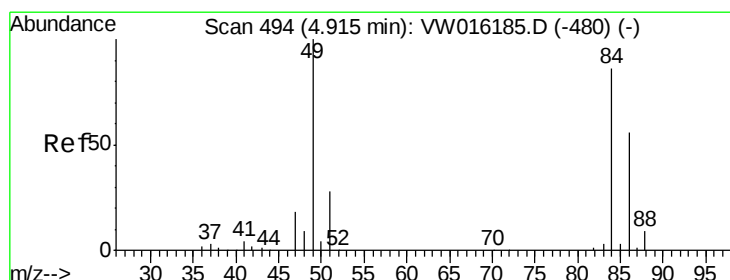
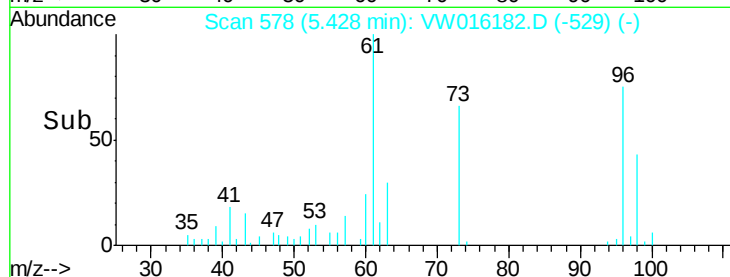
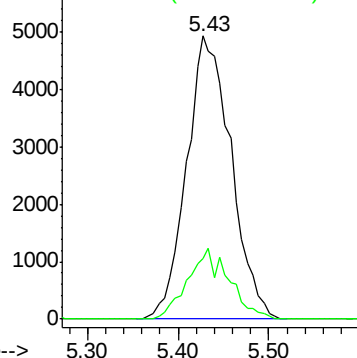
73 100

57 21.4 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 9.008 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion: 84 Resp: 26852

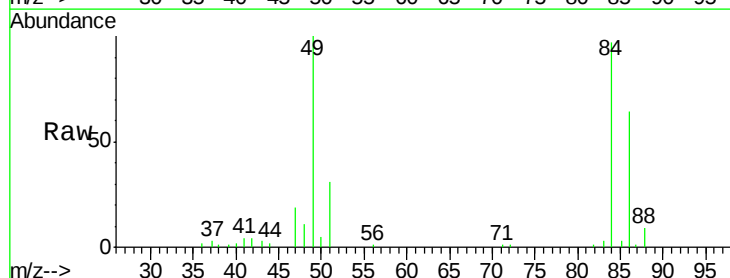
Ion Ratio Lower Upper

84 100

49 103.6 93.4 140.2

51 32.6 26.6 40.0

86 66.5 52.2 78.2

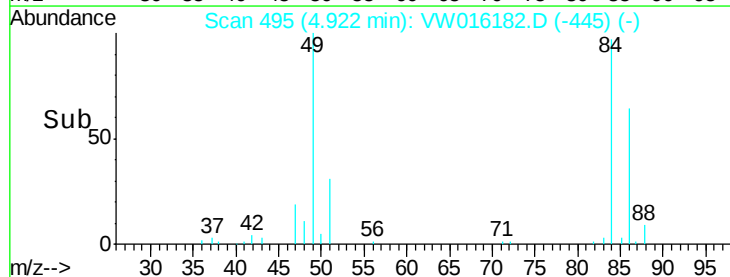
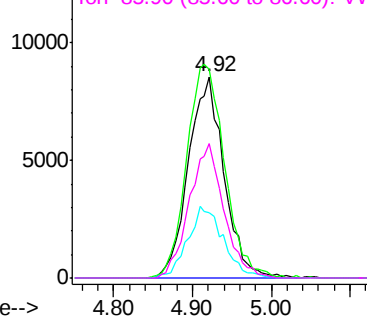


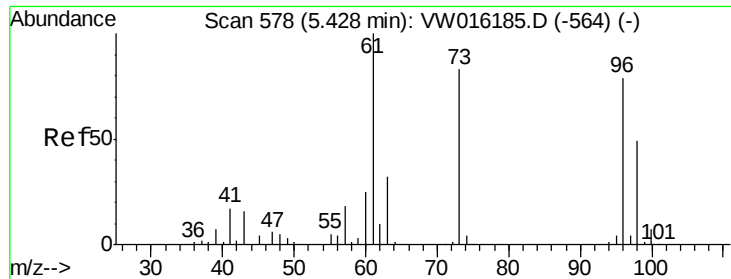
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 5.870 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

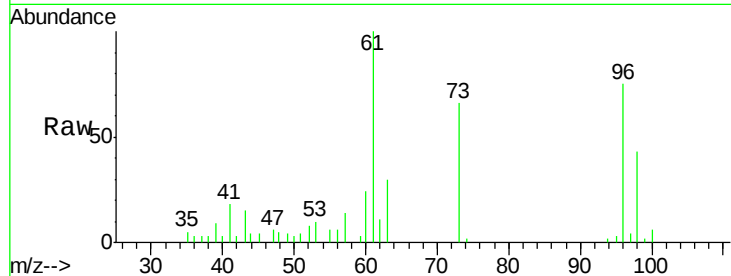
Tgt Ion: 96 Resp: 16487

Ion Ratio Lower Upper

96 100

61 133.0 101.4 152.0

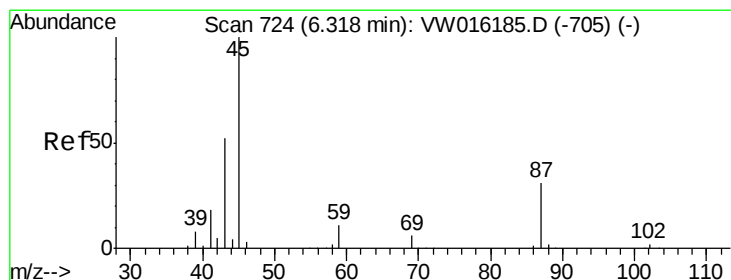
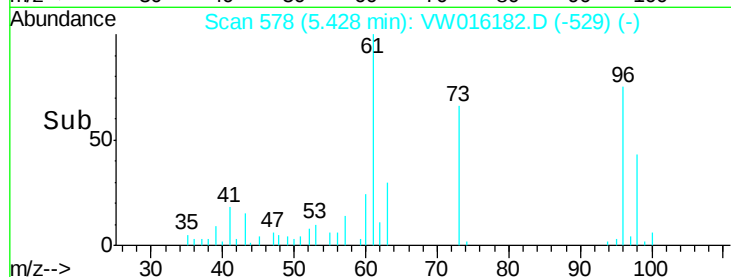
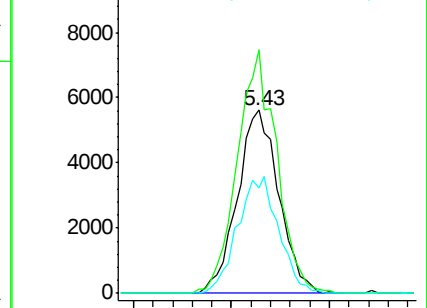
98 57.5 49.4 74.0



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: 4.472 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion: 45 Resp: 34374

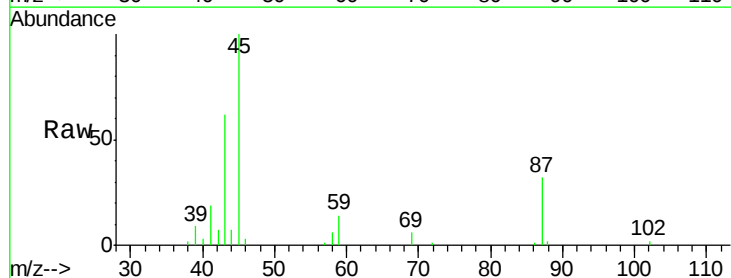
Ion Ratio Lower Upper

45 100

43 59.2 41.7 62.5

87 32.2 25.0 37.6

59 14.1 9.2 13.8#

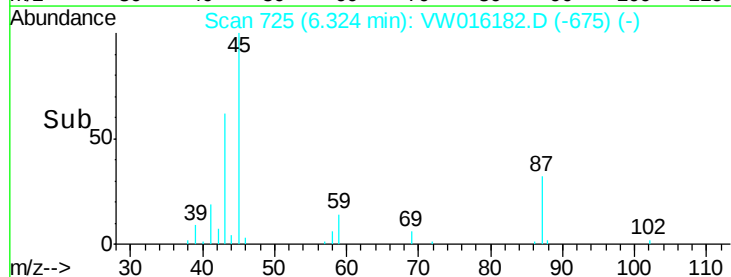
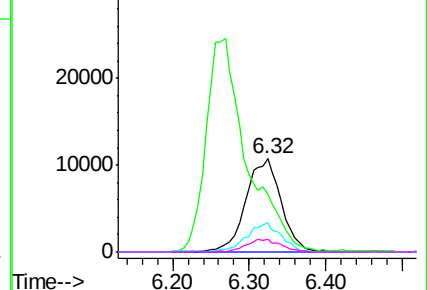


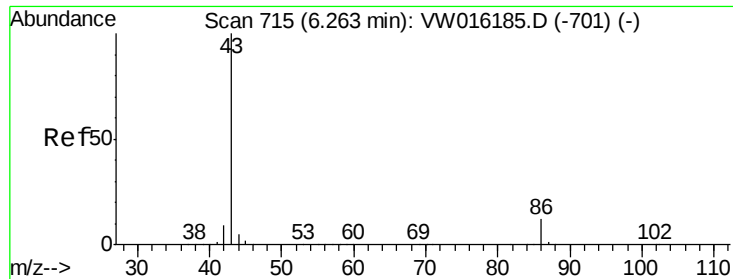
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 19.964 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

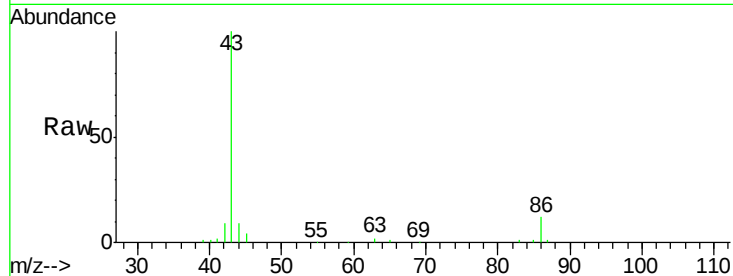
VSTDIC005

Tgt Ion: 43 Resp: 91222

Ion Ratio Lower Upper

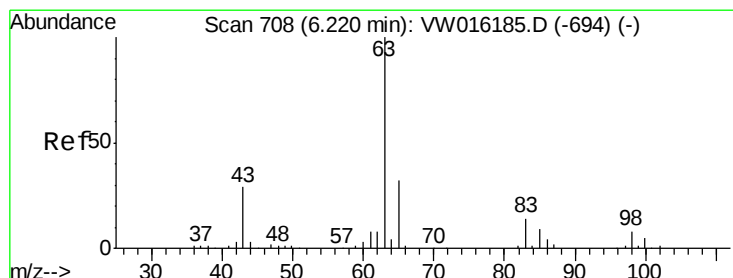
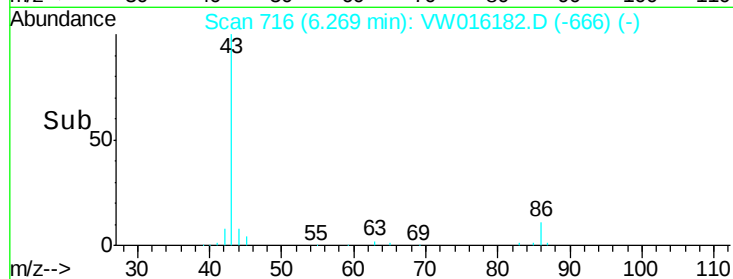
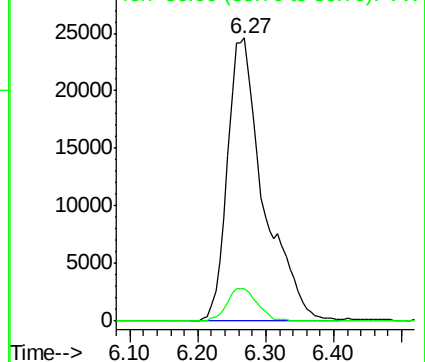
43 100

86 11.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 5.565 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

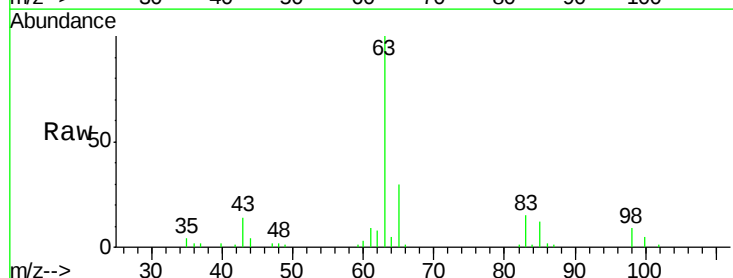
Tgt Ion: 63 Resp: 27422

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.7

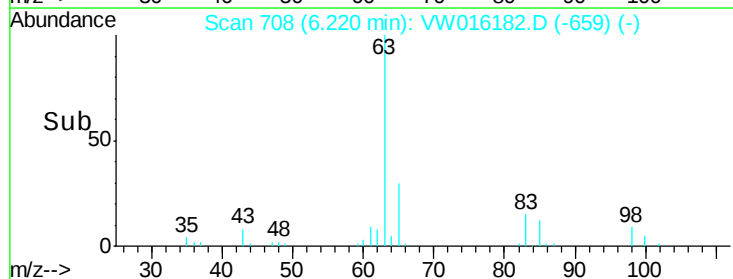
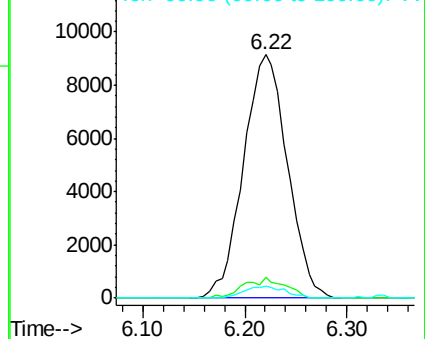
100 5.1 2.6 8.0

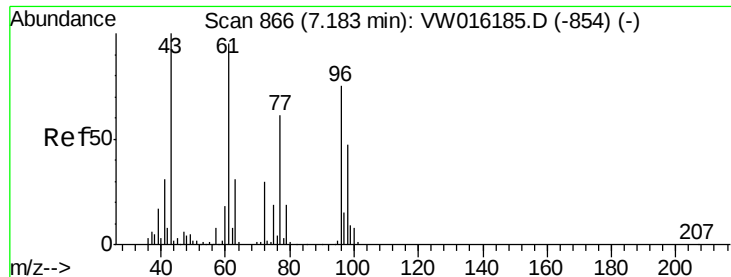


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 24.670 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

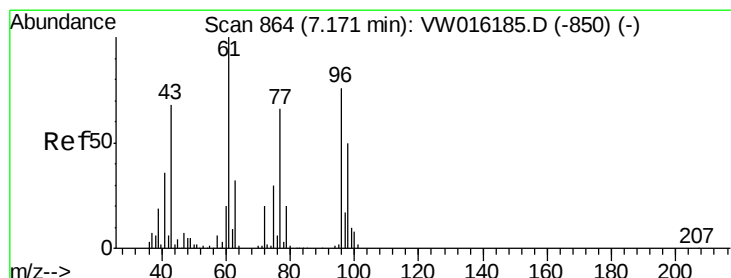
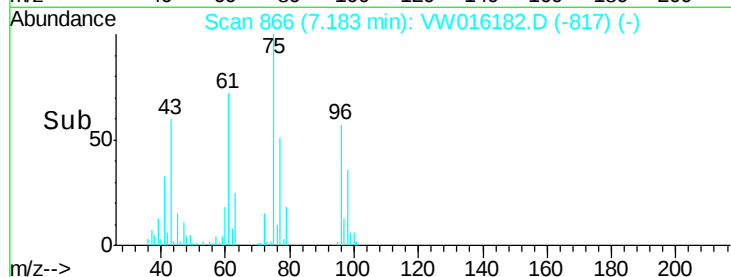
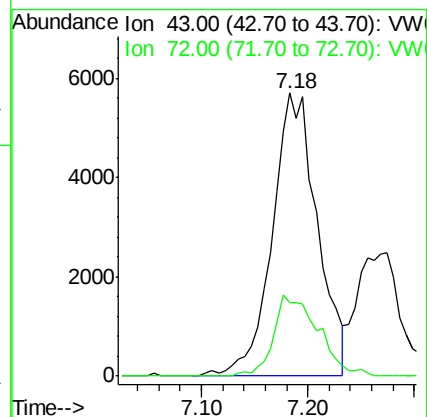
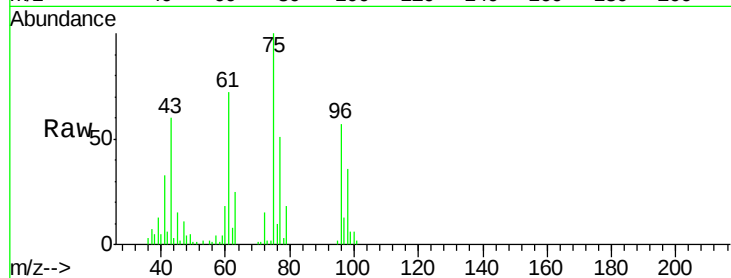
VSTDIC005

Tgt Ion: 43 Resp: 16759

Ion Ratio Lower Upper

43 100

72 25.9 24.2 36.2



#26

2,2-Dichloropropane

Concen: 6.265 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016182.D

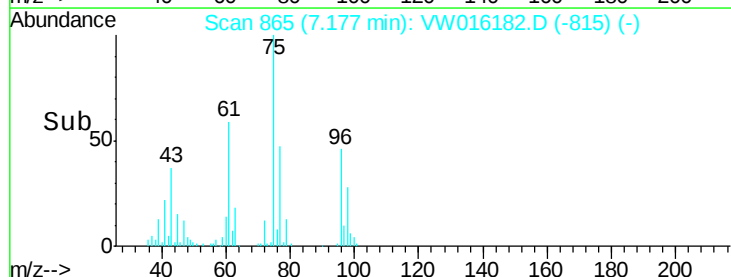
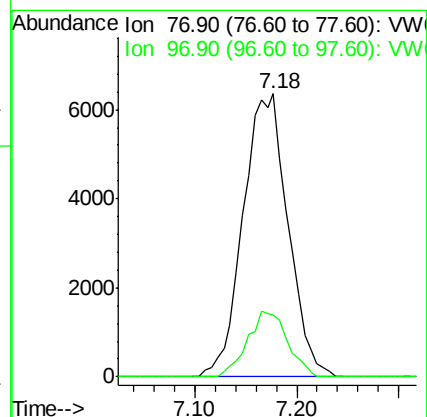
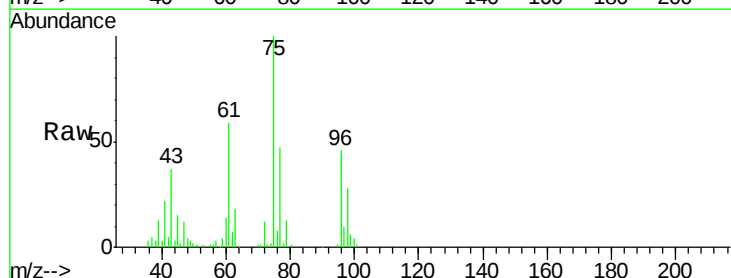
Acq: 14 Aug 2020 09:50

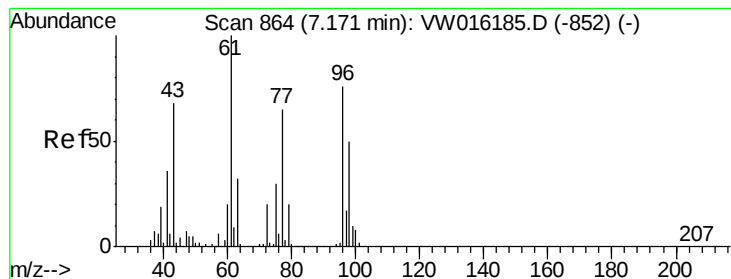
Tgt Ion: 77 Resp: 19403

Ion Ratio Lower Upper

77 100

97 20.7 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 5.568 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

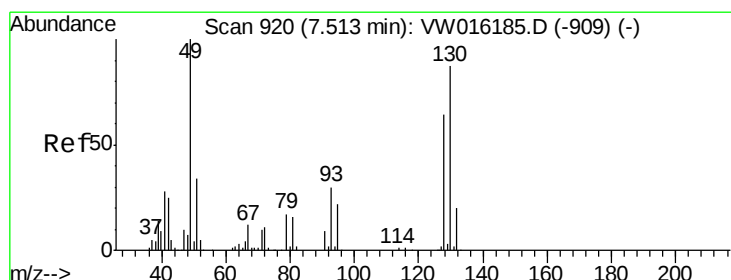
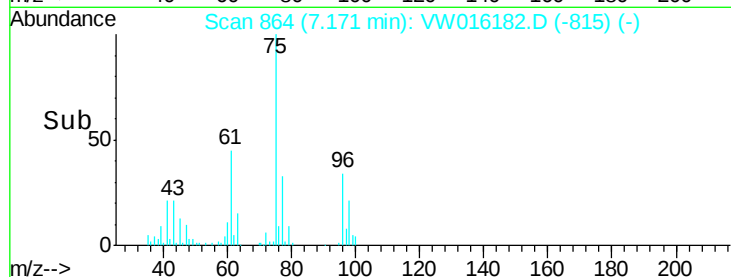
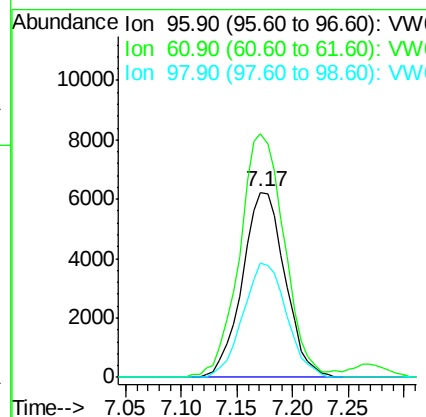
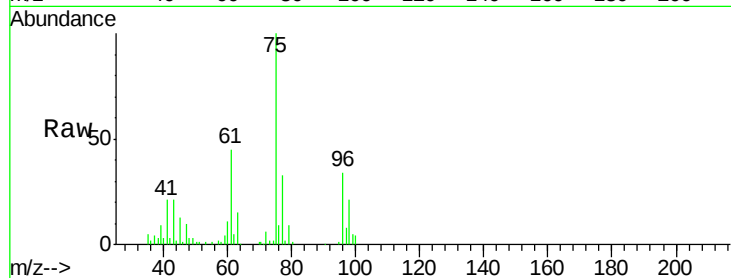
Tgt Ion: 96 Resp: 16613

Ion Ratio Lower Upper

96 100

61 137.8 0.0 267.0

98 63.0 0.0 129.6



#28

Bromochloromethane

Concen: 4.858 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

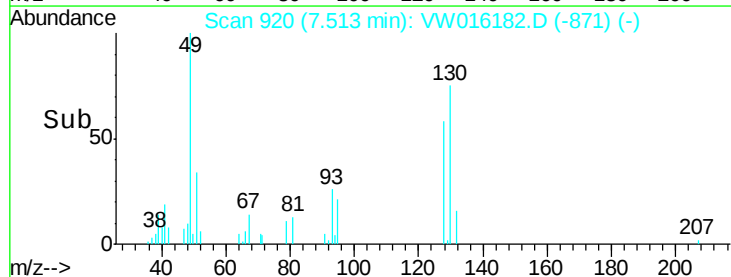
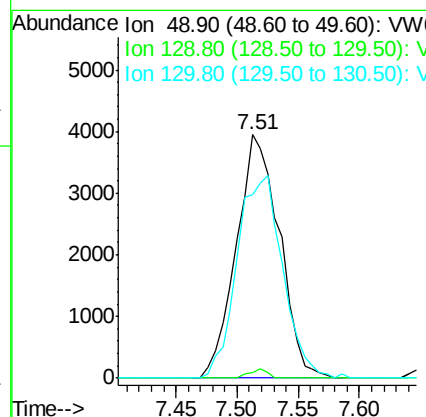
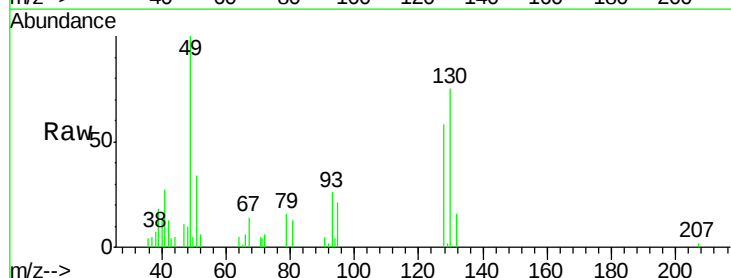
Tgt Ion: 49 Resp: 9639

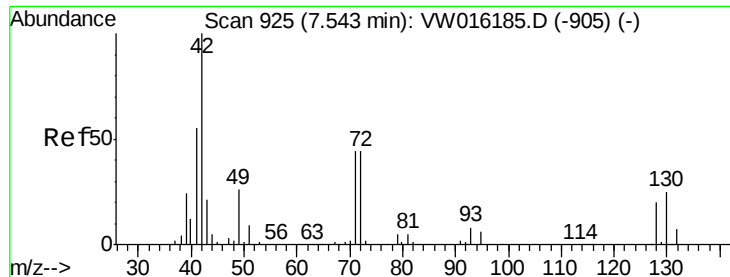
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.2

130 88.2 69.9 104.9

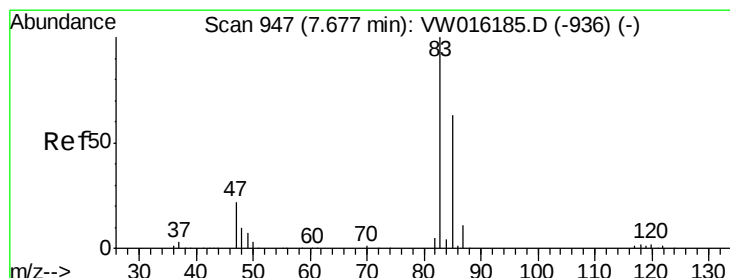
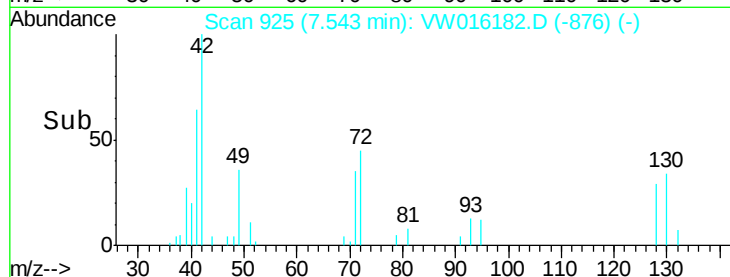
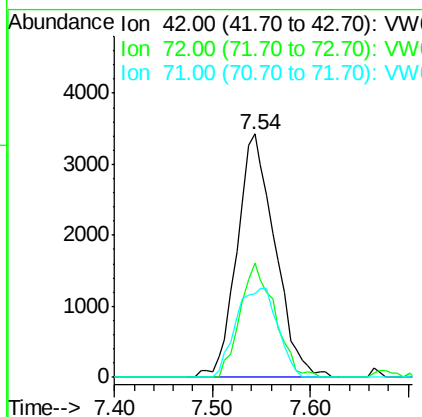
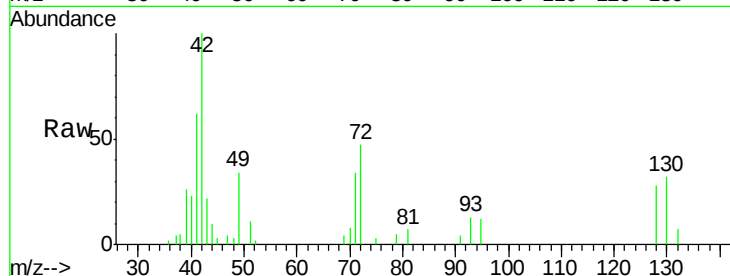




#29
Tetrahydrofuran
Concen: 22.353 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

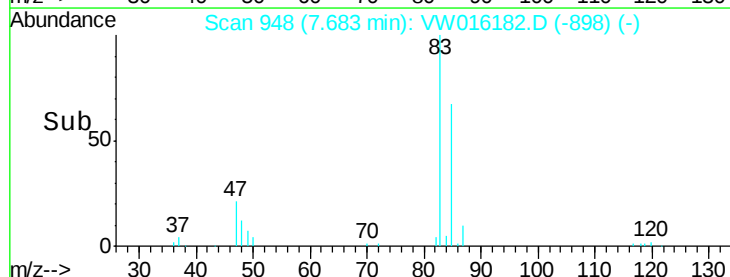
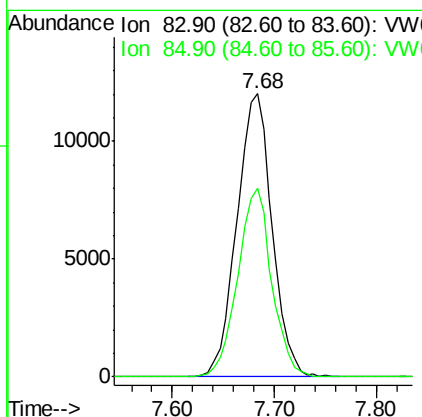
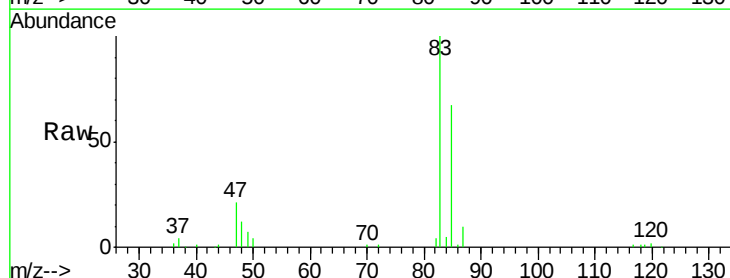
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

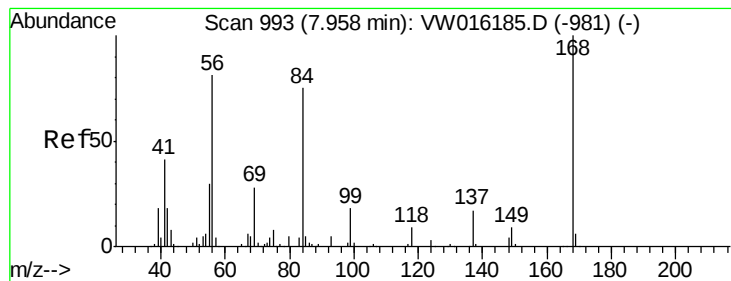
Tgt Ion: 42 Resp: 9220
Ion Ratio Lower Upper
42 100
72 42.9 37.4 56.2
71 40.1 35.6 53.4



#30
Chloroform
Concen: 5.699 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 83 Resp: 28780
Ion Ratio Lower Upper
83 100
85 66.9 50.0 75.0





#31

Cyclohexane

Concen: 5.828 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

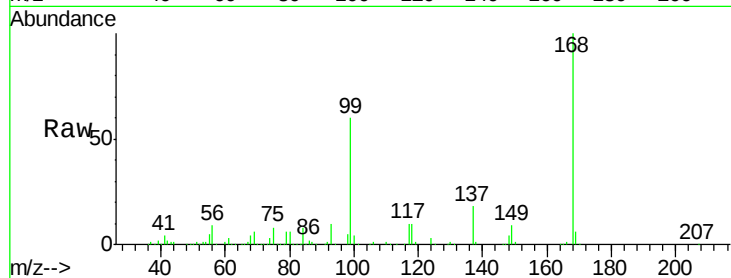
Tgt Ion: 56 Resp: 27100

Ion Ratio Lower Upper

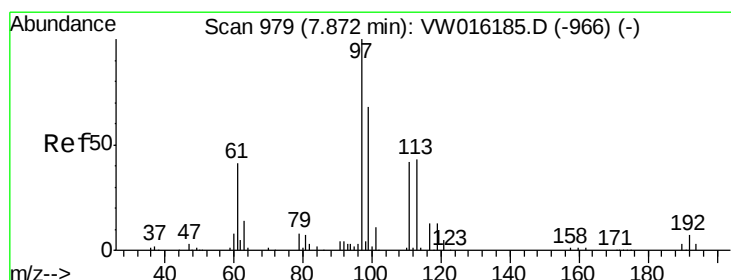
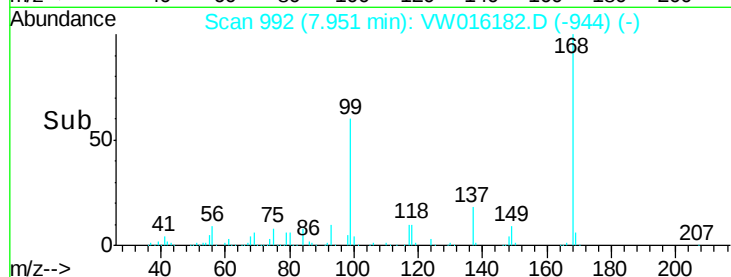
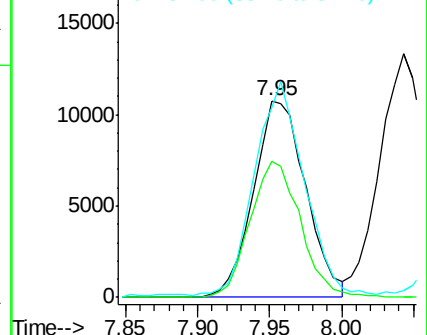
56 100

69 69.0 27.3 40.9#

84 95.4 73.5 110.3



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: 5.536 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

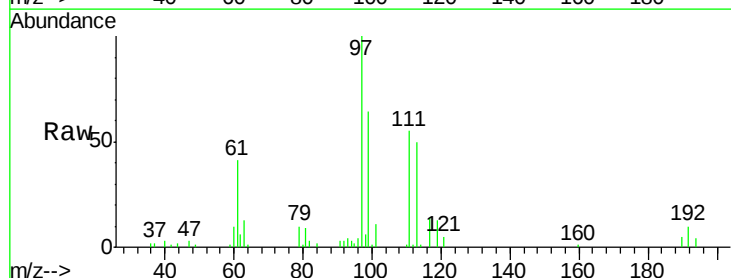
Tgt Ion: 97 Resp: 23443

Ion Ratio Lower Upper

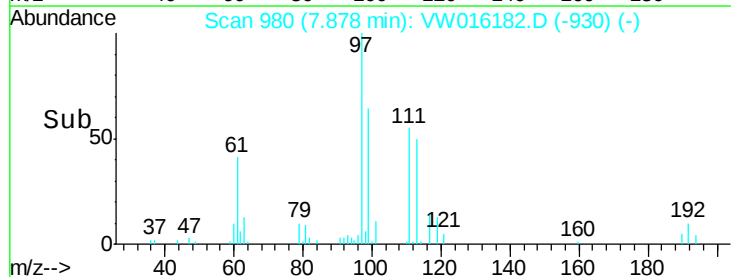
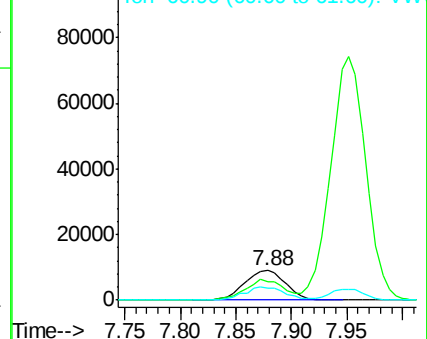
97 100

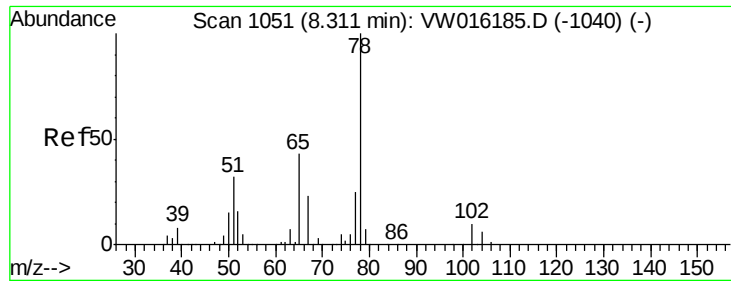
99 63.7 51.3 76.9

61 43.5 33.2 49.8



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

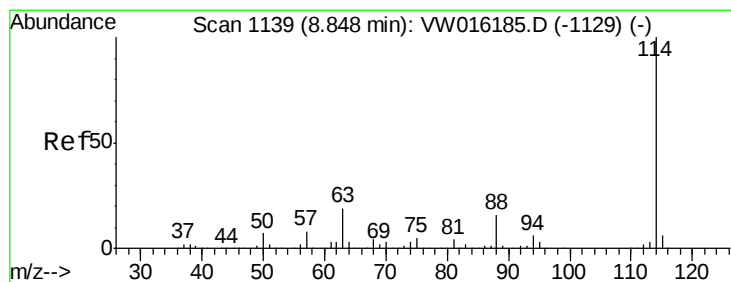
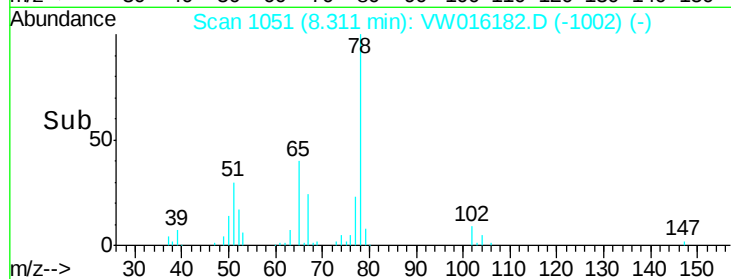
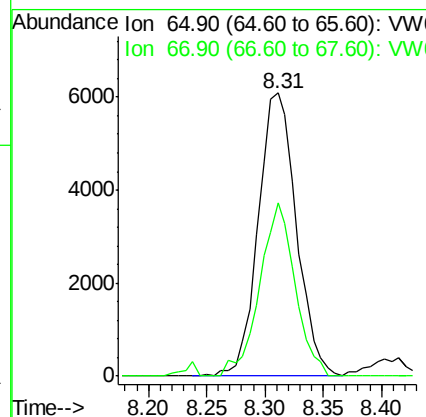
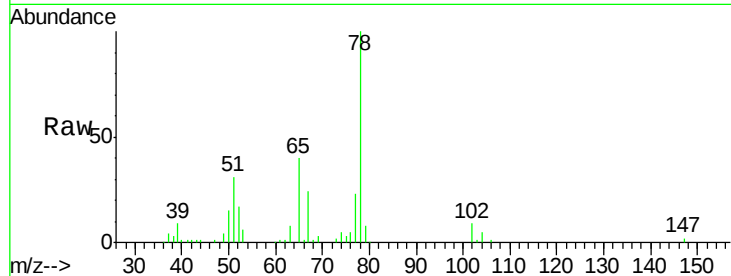




#33
 1,2-Dichloroethane-d4
 Concen: 5.111 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

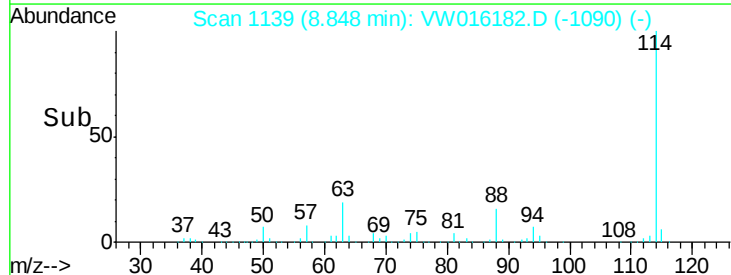
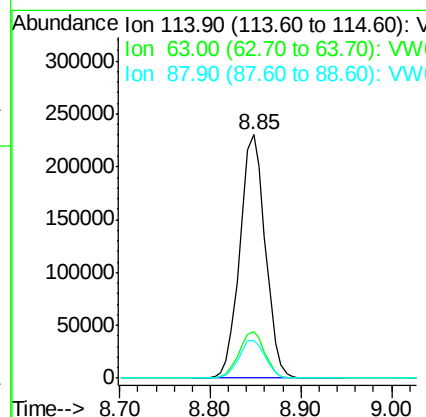
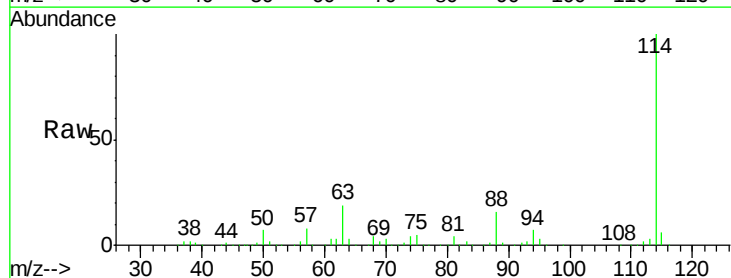
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

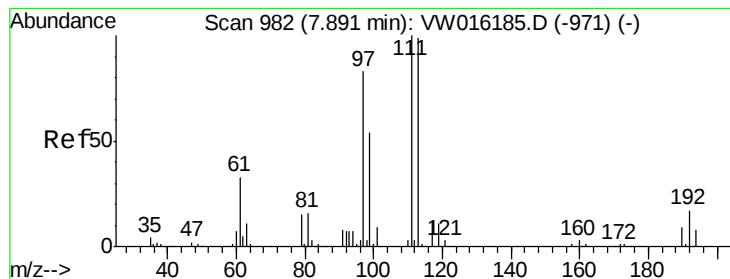
Tgt Ion: 65 Resp: 13895
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 114 Resp: 447906
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.458 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

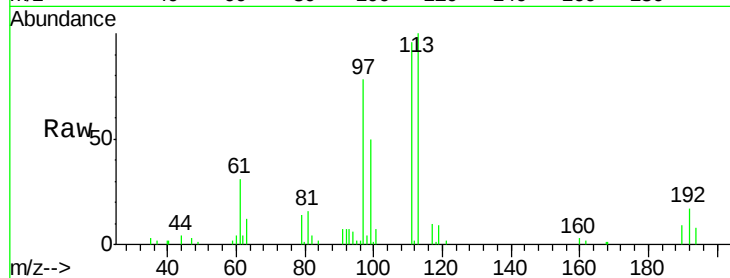
Tgt Ion:113 Resp: 14656

Ion Ratio Lower Upper

113 100

111 101.0 83.5 125.3

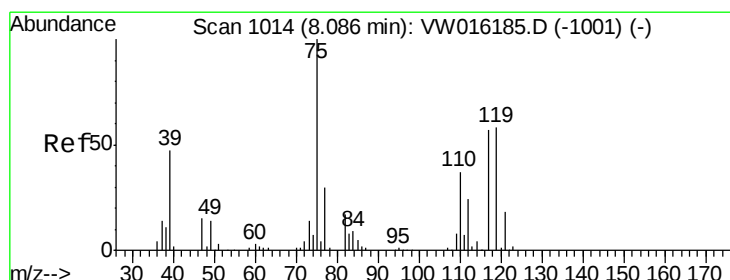
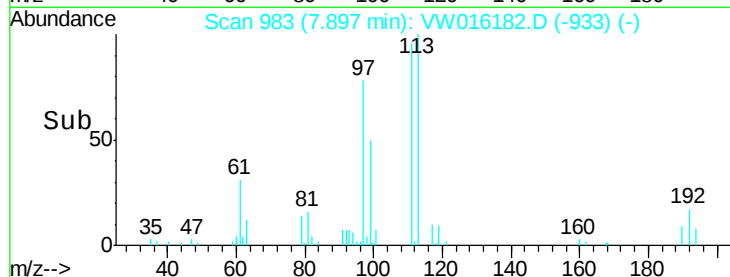
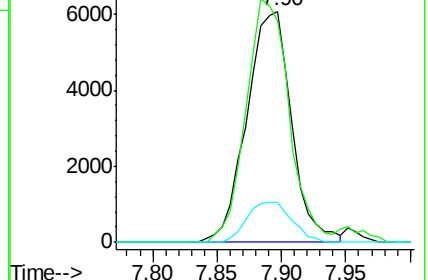
192 17.4 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.969 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

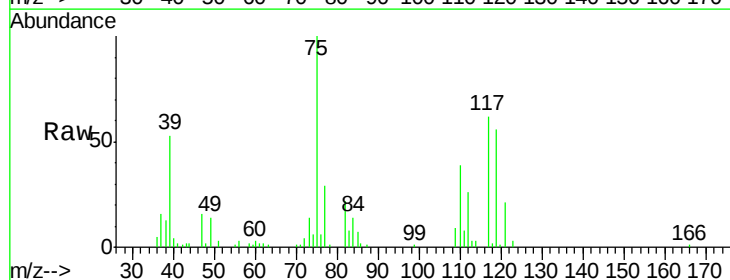
Tgt Ion: 75 Resp: 21739

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.3

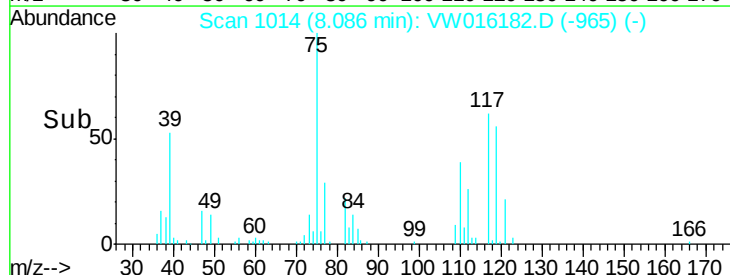
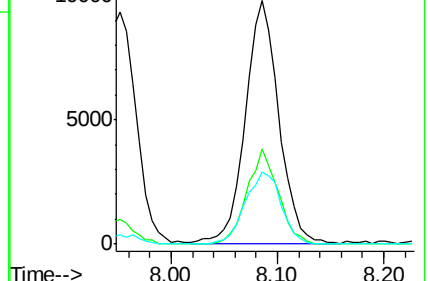
77 31.5 24.7 37.1

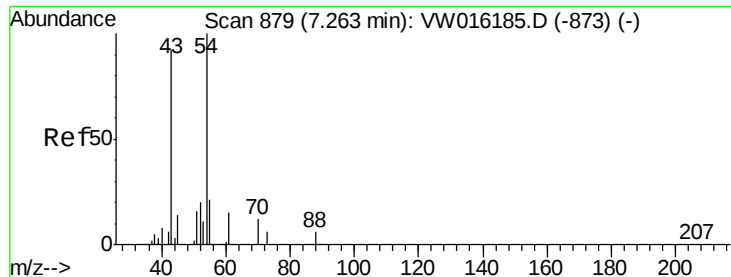


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

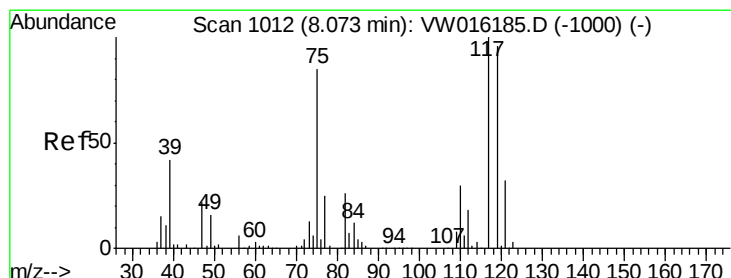
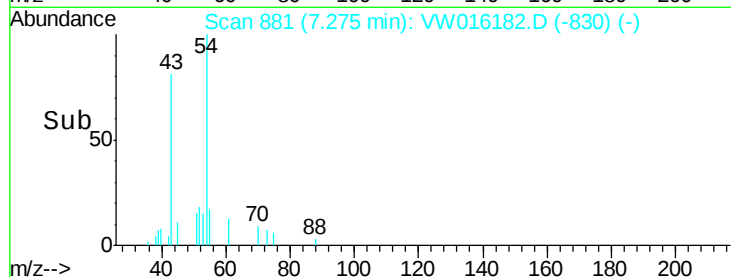
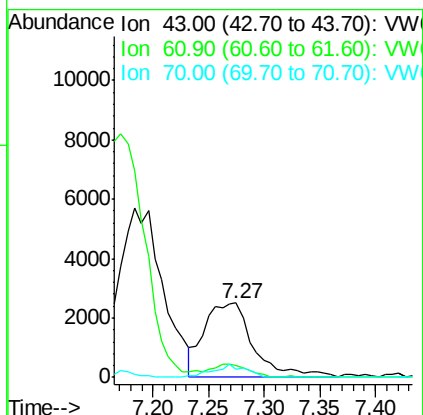
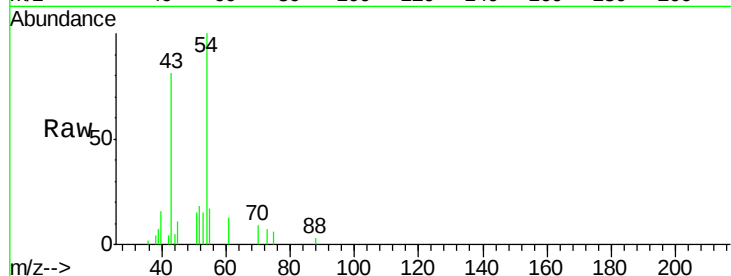




#37
Ethyl Acetate
Concen: 4.545 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

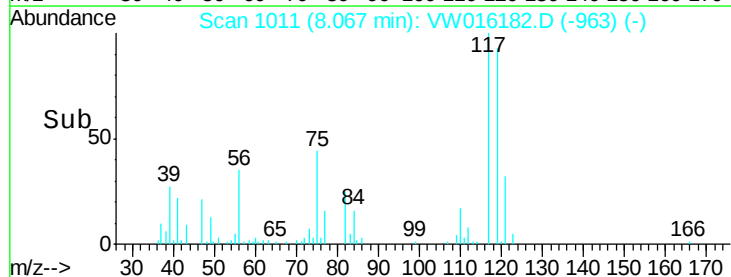
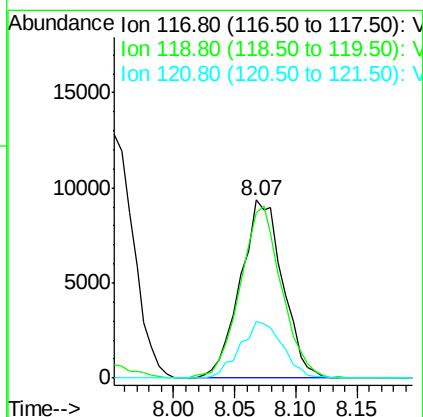
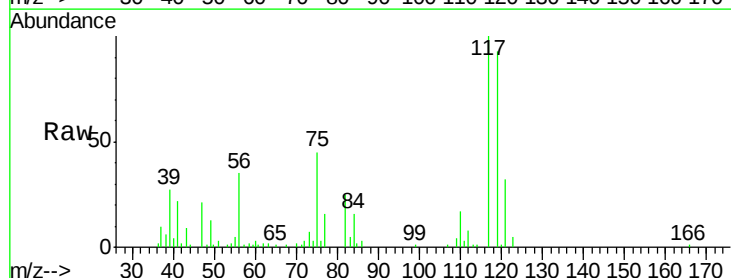
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

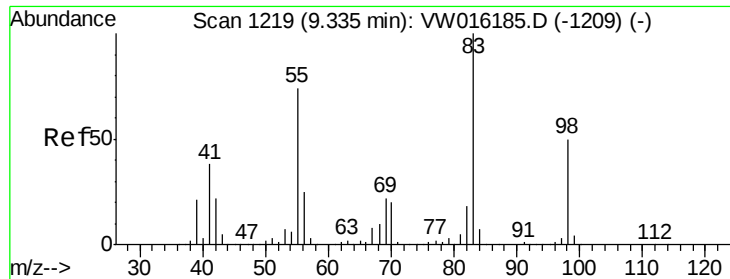
Tgt Ion: 43 Resp: 7705
Ion Ratio Lower Upper
43 100
61 12.8 12.6 18.8
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 5.313 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 117 Resp: 22599
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0
121 31.5 25.4 38.0

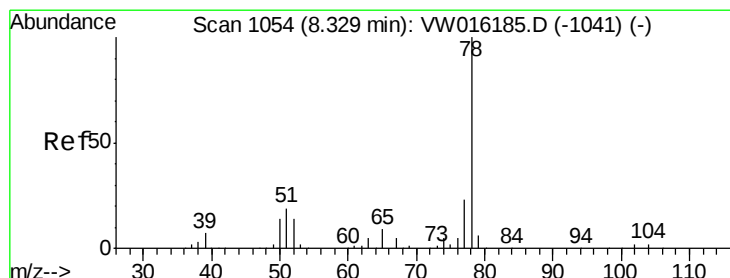
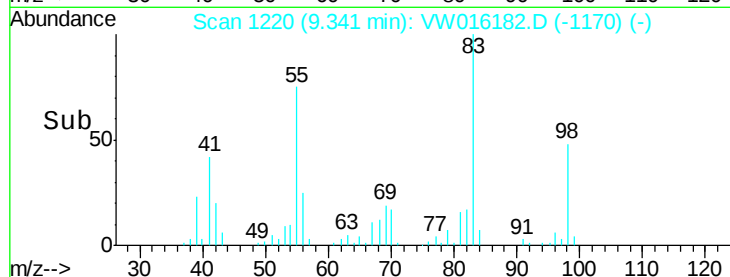
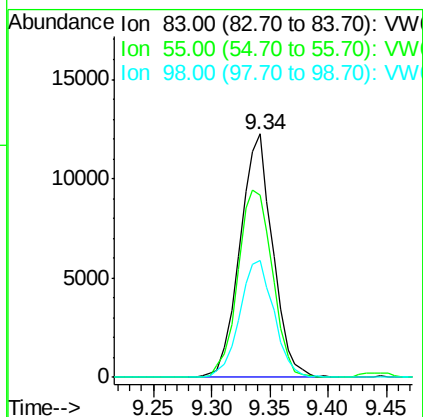
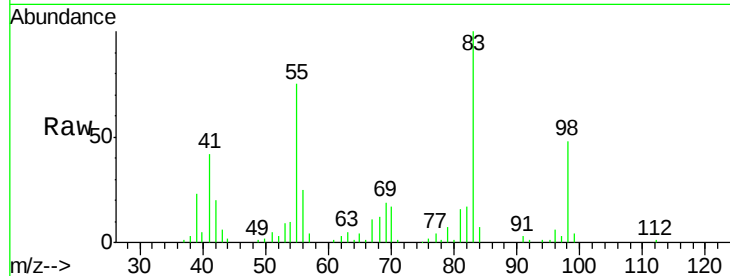




#39
Methylcyclohexane
Concen: 4.631 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

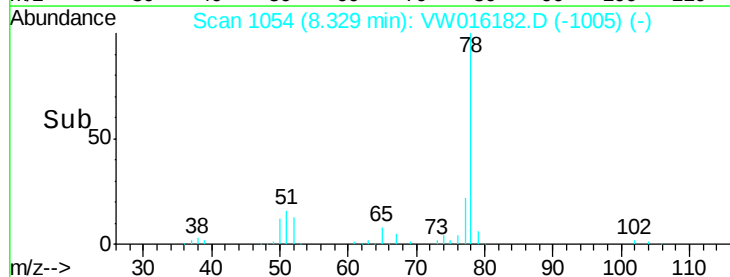
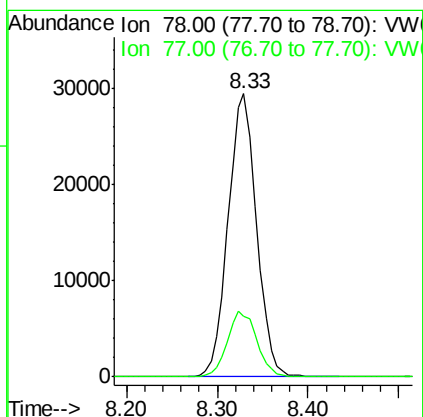
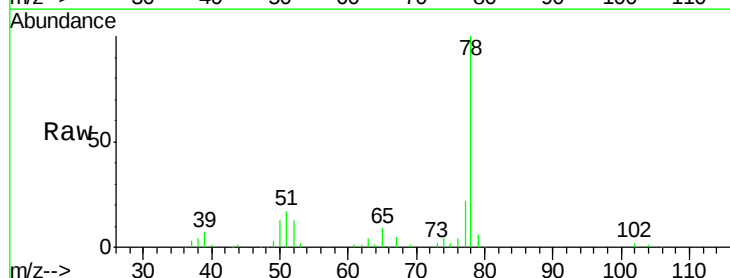
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

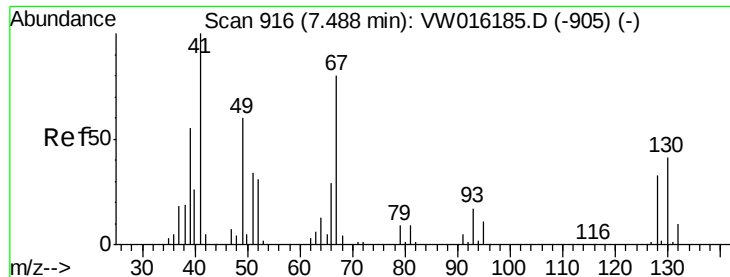
Tgt Ion: 83 Resp: 24008
Ion Ratio Lower Upper
83 100
55 74.7 59.2 88.8
98 48.0 40.2 60.2



#40
Benzene
Concen: 5.313 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 78 Resp: 63977
Ion Ratio Lower Upper
78 100
77 21.7 18.6 28.0

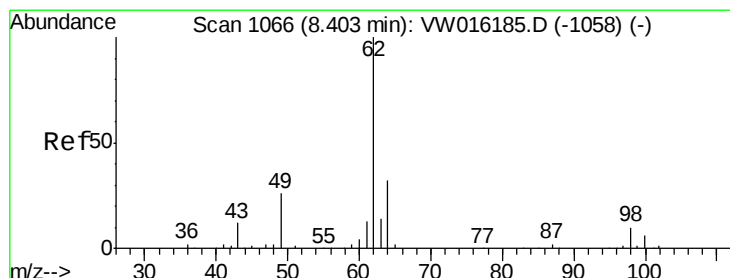
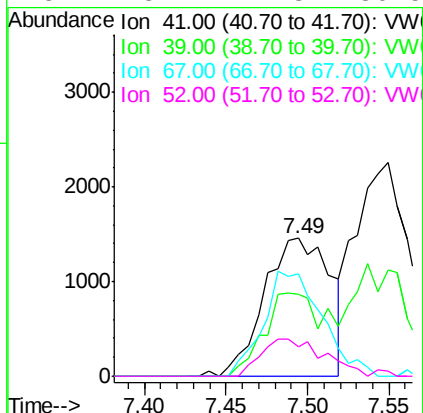
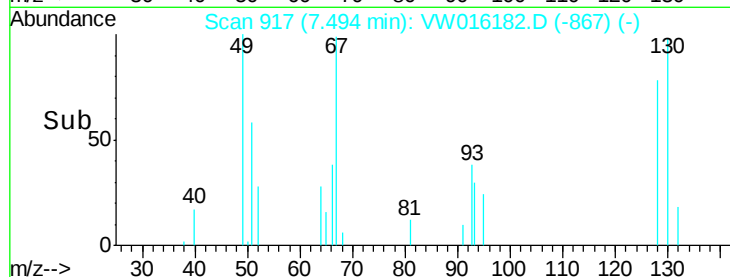
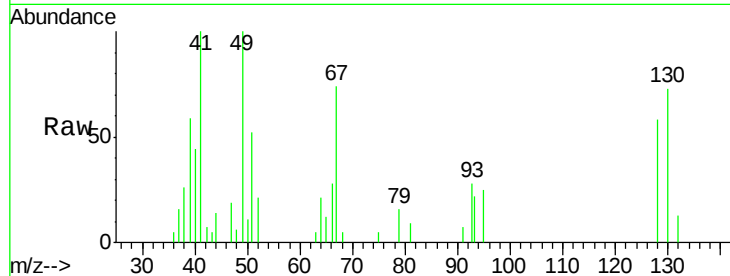




#41
Methacrylonitrile
Concen: 4.268 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

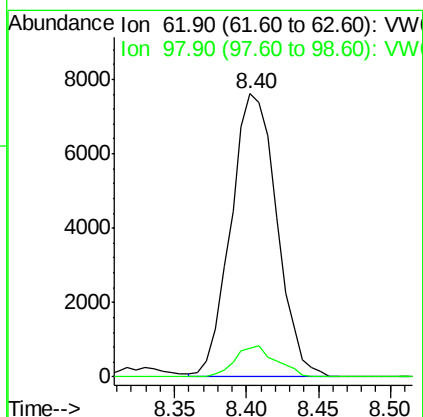
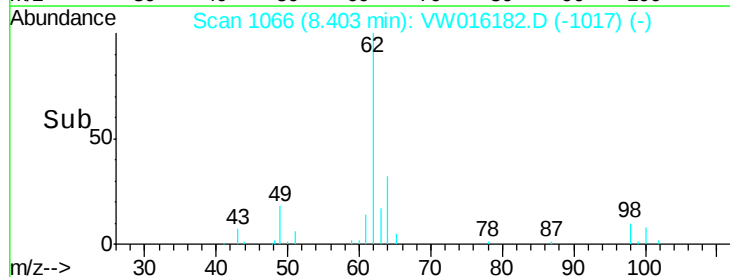
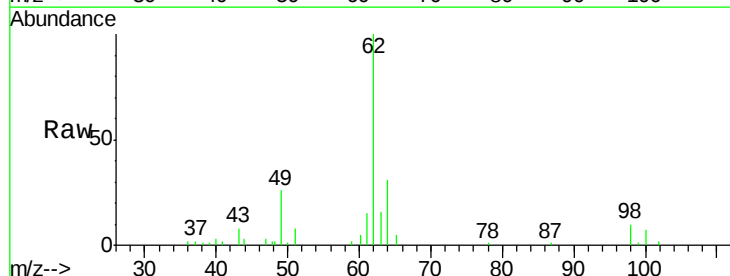
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

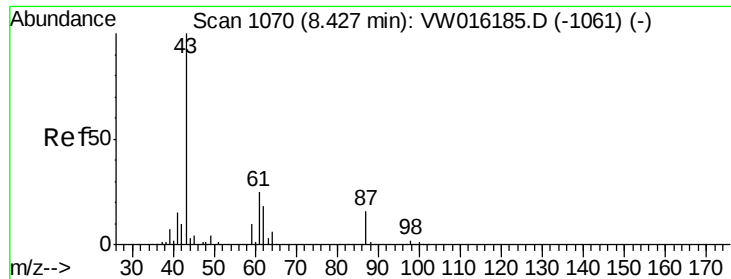
Tgt Ion:	41	Resp:	4103
Ion	Ratio	Lower	Upper
41	100		
39	45.3	43.4	65.2
67	67.2	61.5	92.3
52	25.7	24.3	36.5



#42
1,2-Dichloroethane
Concen: 4.604 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:	62	Resp:	16871
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 4.076 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

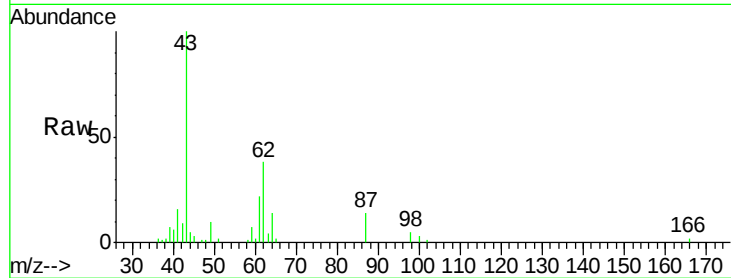
Tgt Ion: 43 Resp: 13338

Ion Ratio Lower Upper

43 100

61 37.2 26.9 40.3

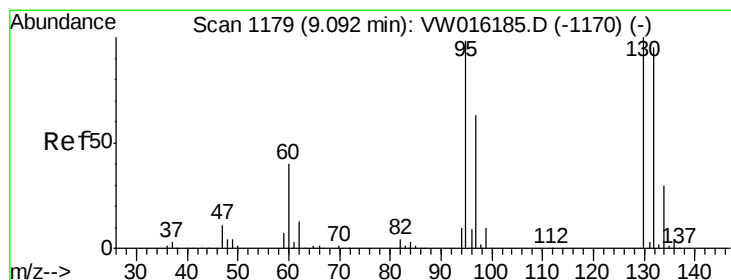
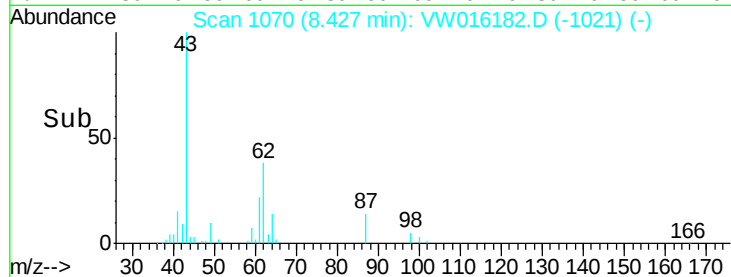
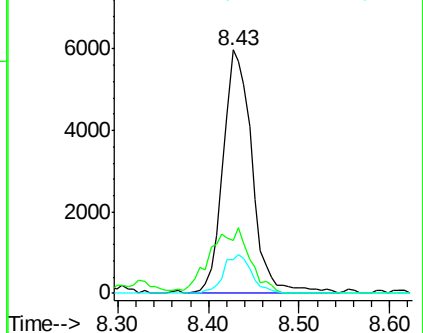
87 15.1 12.0 18.0



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: 6.040 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016182.D

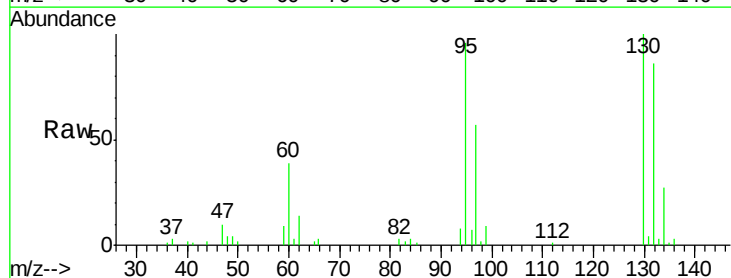
Acq: 14 Aug 2020 09:50

Tgt Ion: 130 Resp: 19385

Ion Ratio Lower Upper

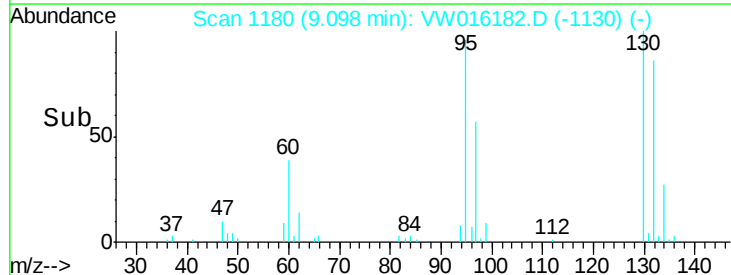
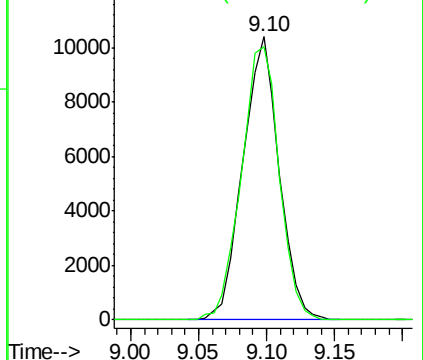
130 100

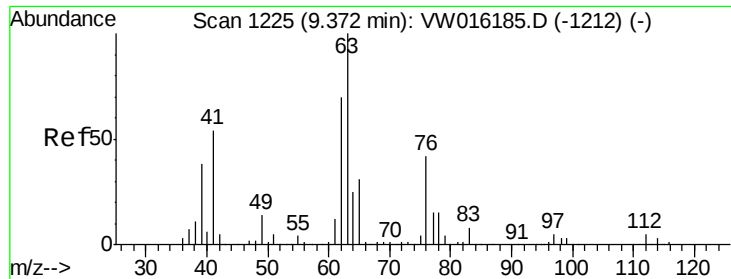
95 96.4 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 5.060 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

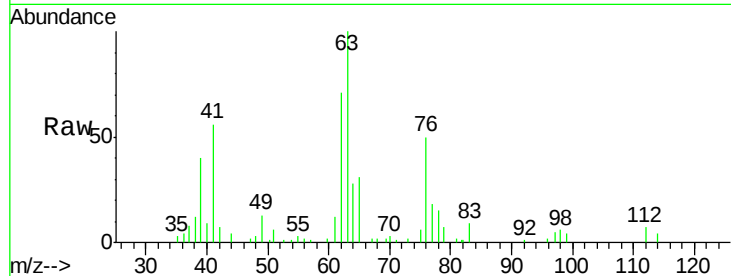
VSTDIC005

Tgt Ion: 63 Resp: 14907

Ion Ratio Lower Upper

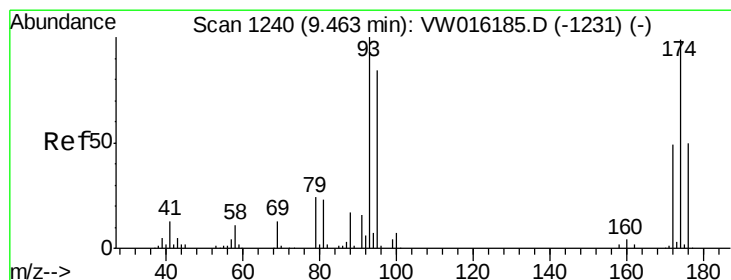
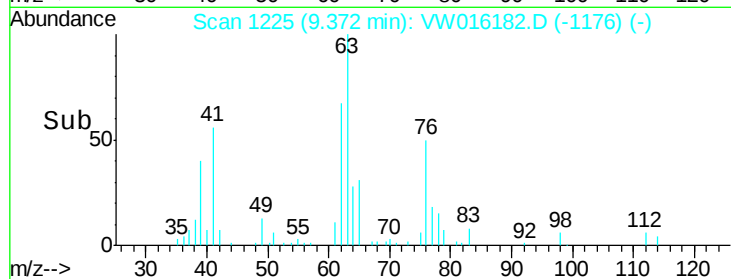
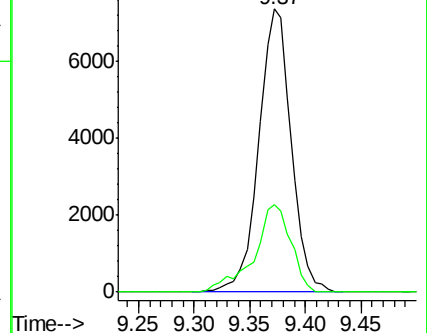
63 100

65 30.8 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: 5.030 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

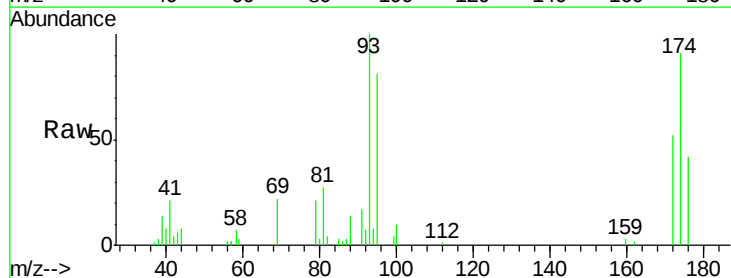
Tgt Ion: 93 Resp: 7676

Ion Ratio Lower Upper

93 100

95 85.7 65.9 98.9

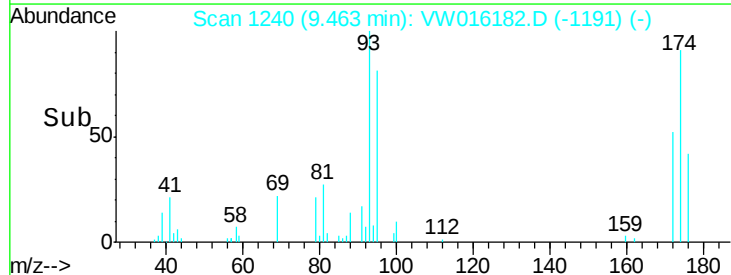
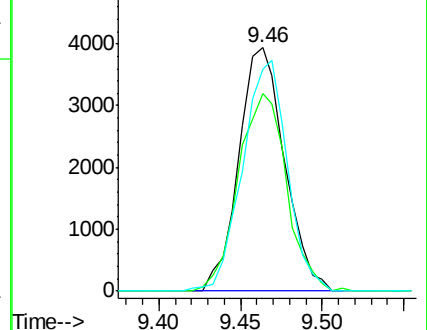
174 93.0 77.0 115.6

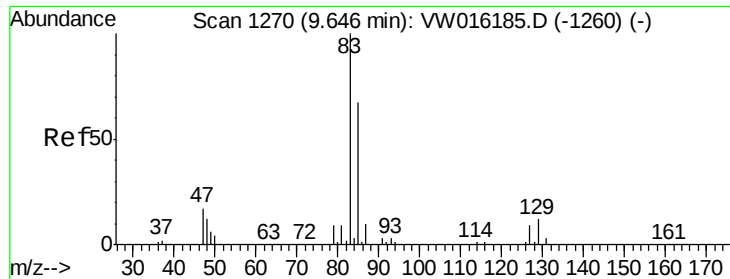


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

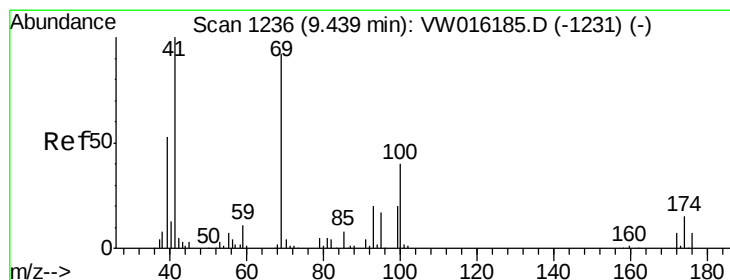
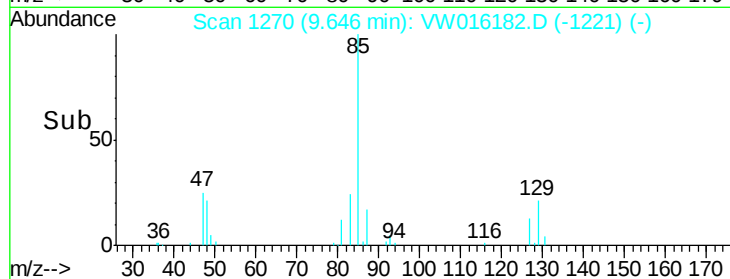
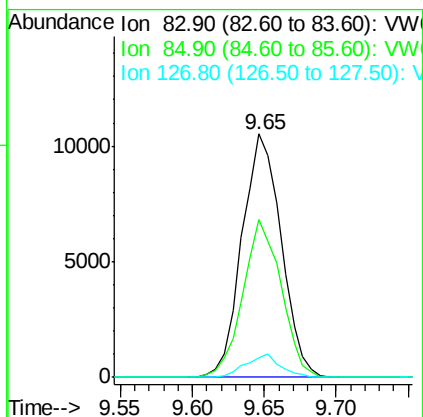
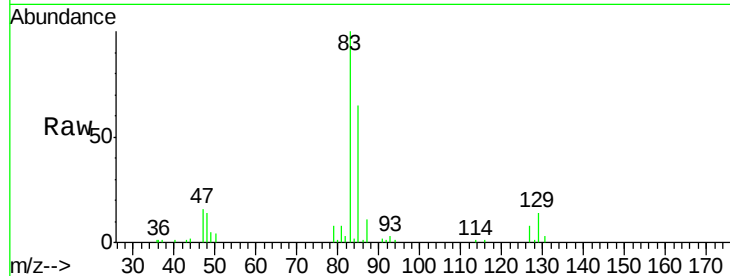




#47
Bromodichloromethane
Concen: 5.053 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

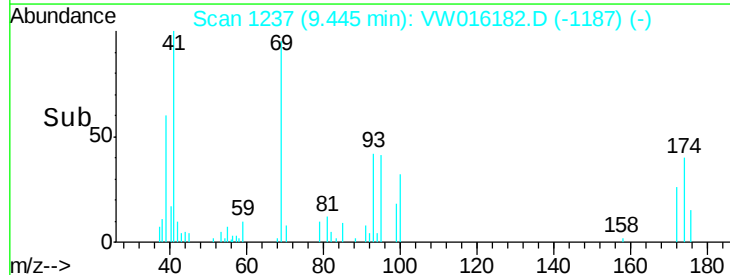
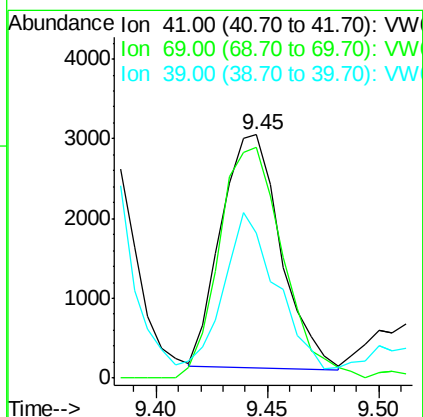
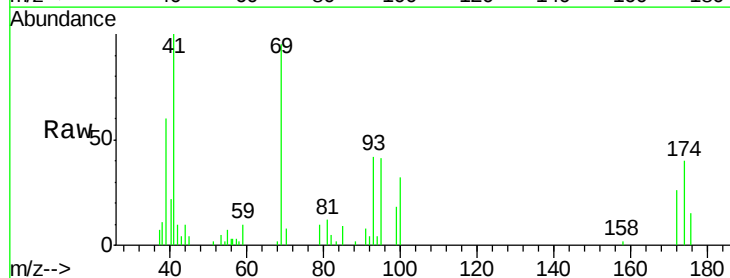
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

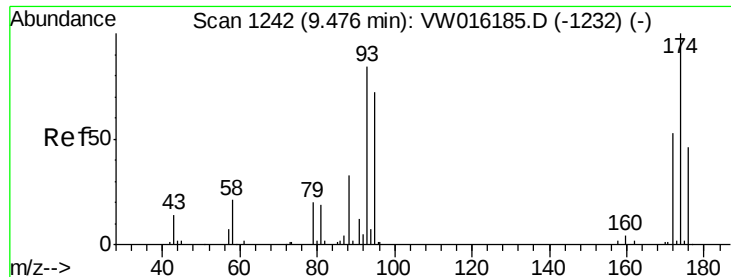
Tgt Ion: 83 Resp: 19825
Ion Ratio Lower Upper
83 100
85 64.7 53.3 79.9
127 8.1 7.4 11.2



#48
Methyl methacrylate
Concen: 3.666 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 41 Resp: 5482
Ion Ratio Lower Upper
41 100
69 105.2 77.4 116.0
39 67.5 42.2 63.2#

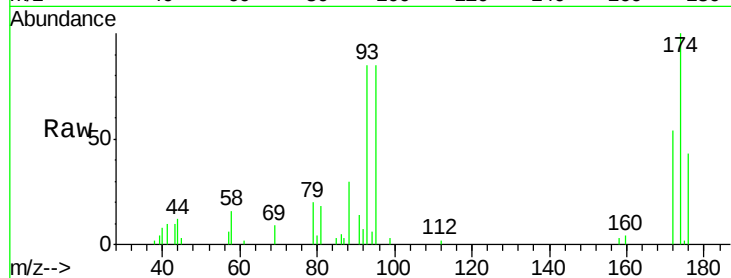




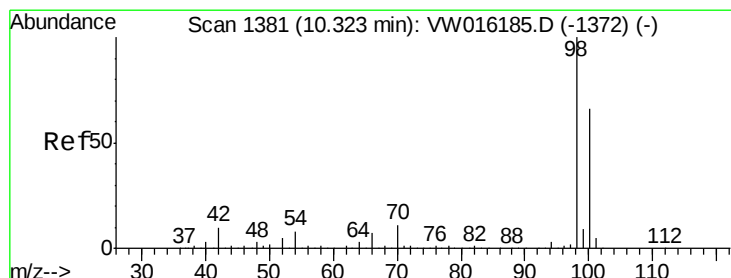
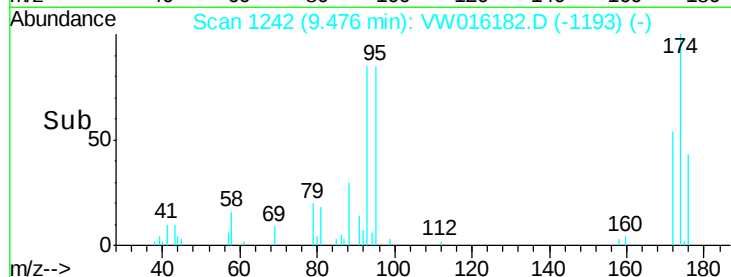
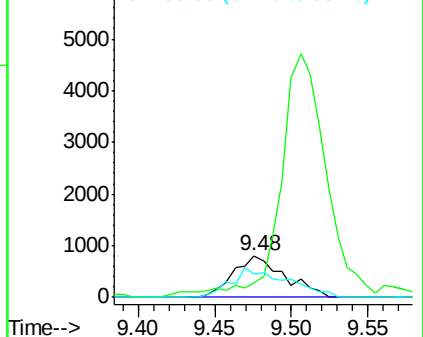
#49
1,4-Dioxane
Concen: 97.205 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1859
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.6 56.6 84.8

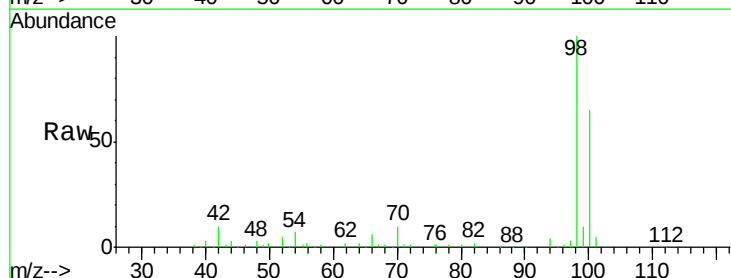


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

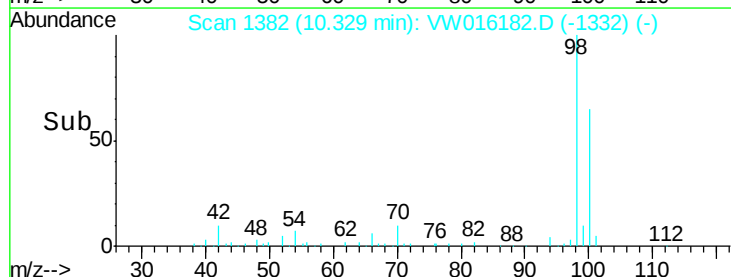
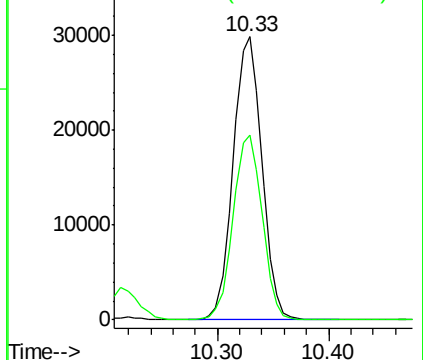


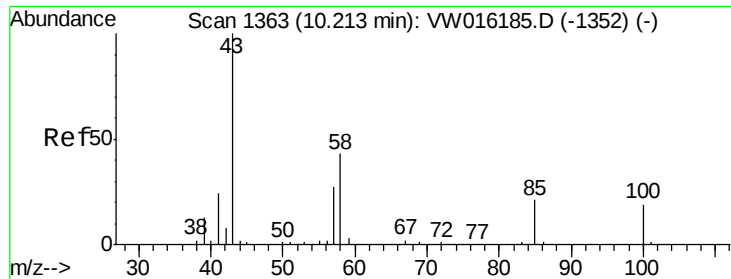
#50
Toluene-d8
Concen: 5.165 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 98 Resp: 53367
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



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





#51

4-Methyl-2-Pentanone

Concen: 20.117 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

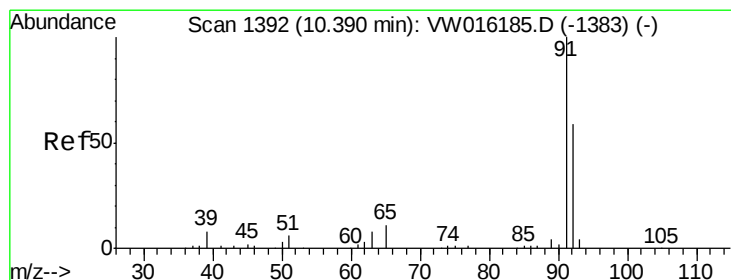
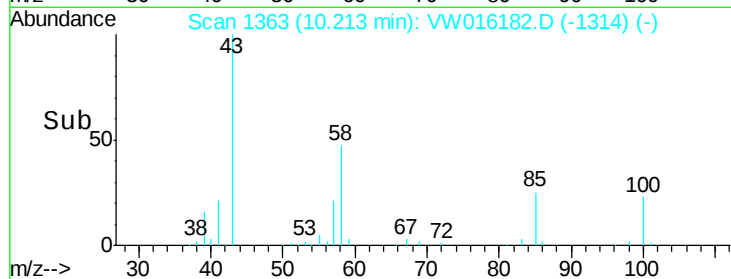
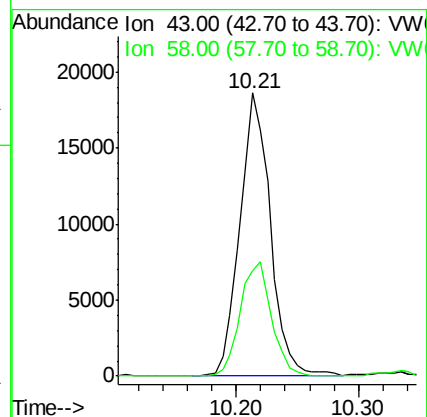
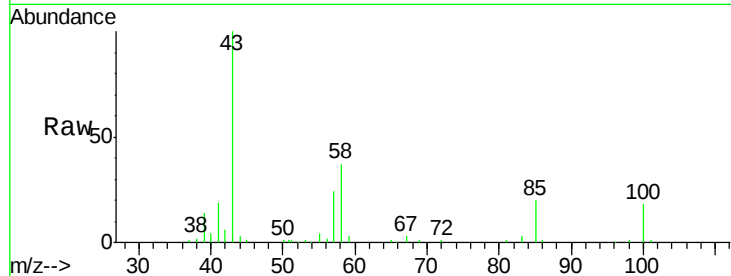
VSTDIC005

Tgt Ion: 43 Resp: 32254

Ion Ratio Lower Upper

43 100

58 41.2 33.7 50.5



#52

Toluene

Concen: 5.033 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016182.D

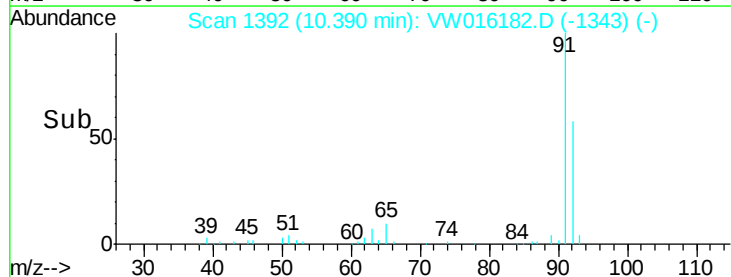
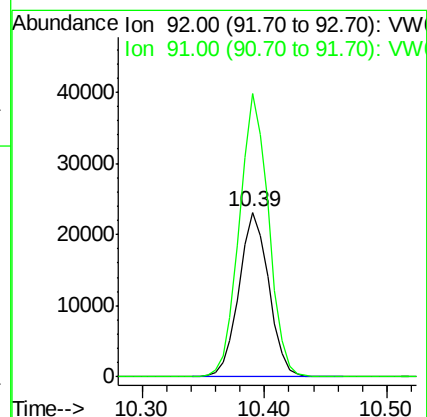
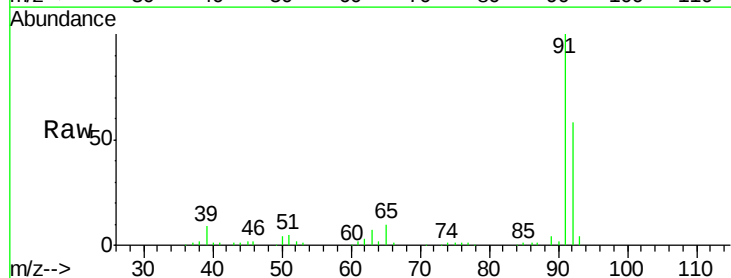
Acq: 14 Aug 2020 09:50

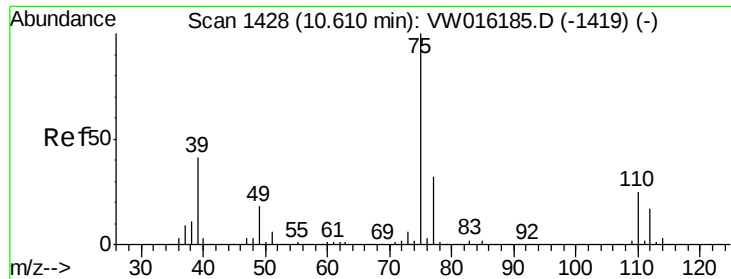
Tgt Ion: 92 Resp: 39071

Ion Ratio Lower Upper

92 100

91 168.3 133.3 199.9

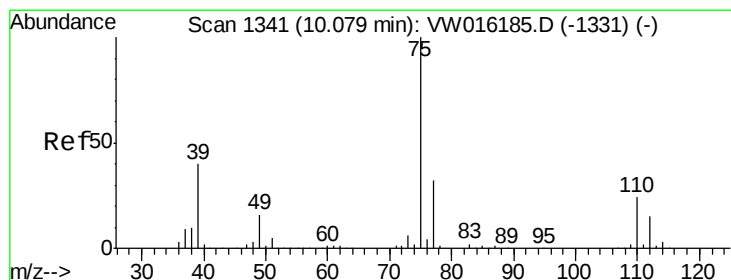
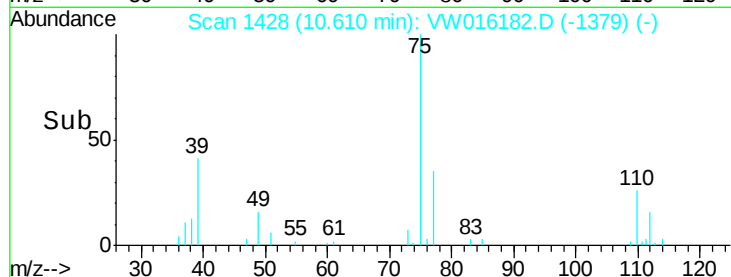
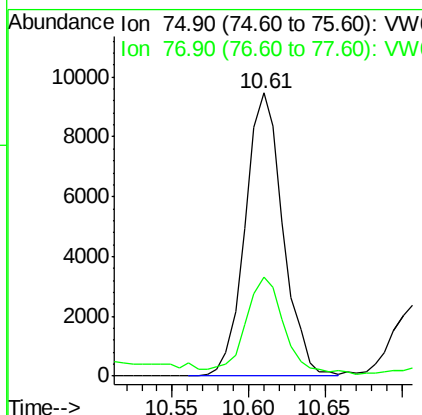
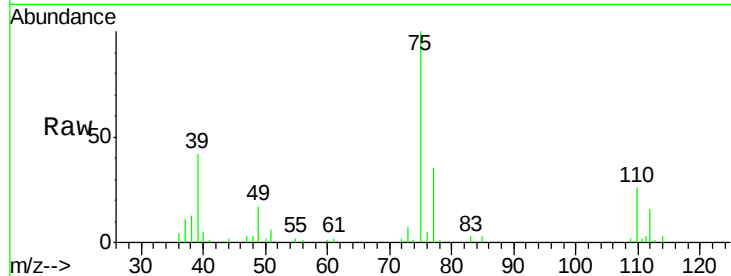




#53
 t-1,3-Dichloropropene
 Concen: 4.335 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

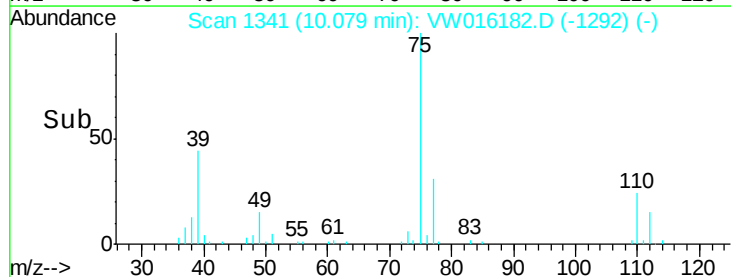
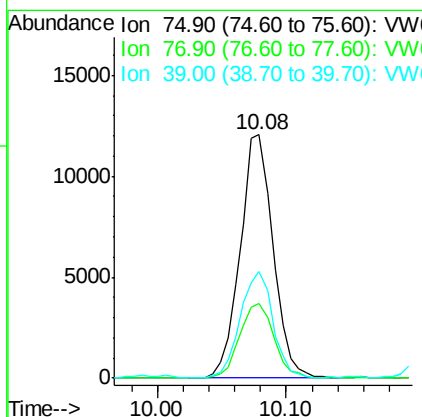
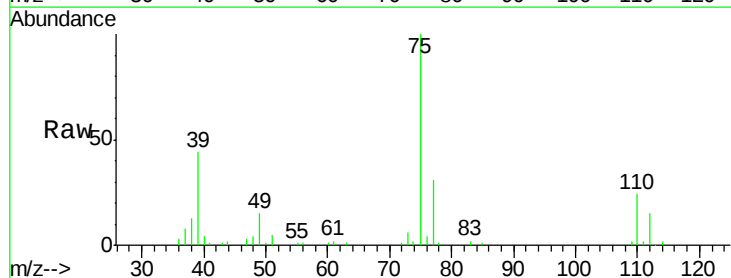
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

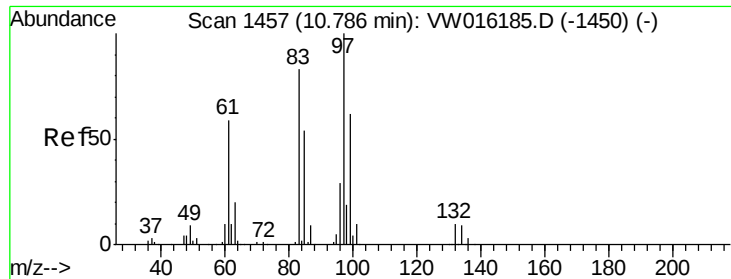
Tgt Ion: 75 Resp: 16274
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.716 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 75 Resp: 21317
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 44.0 32.3 48.5

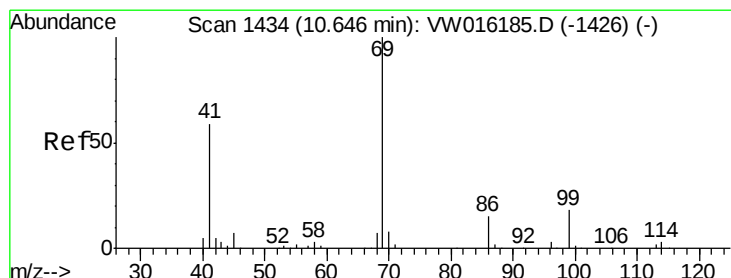
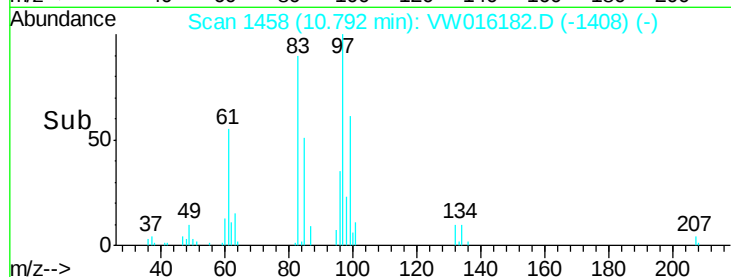
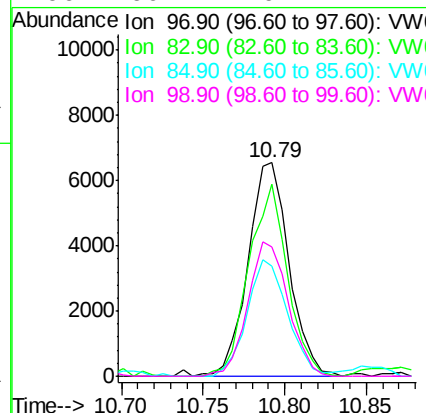
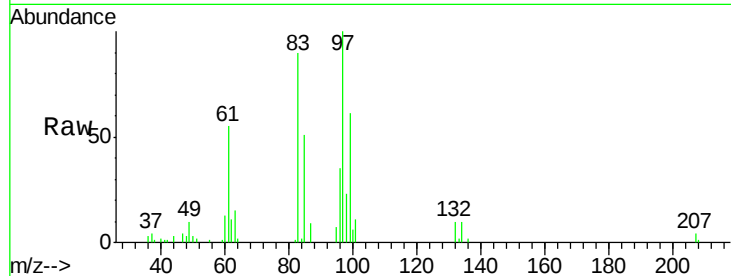




#55
 1,1,2-Trichloroethane
 Concen: 5.416 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

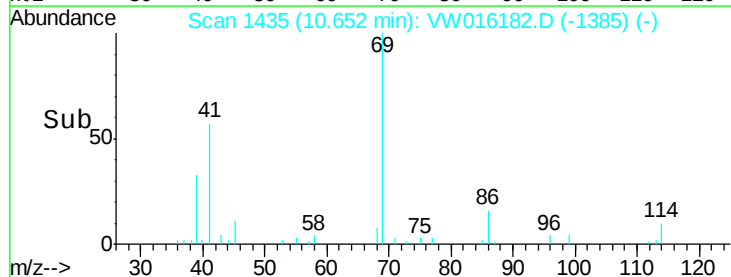
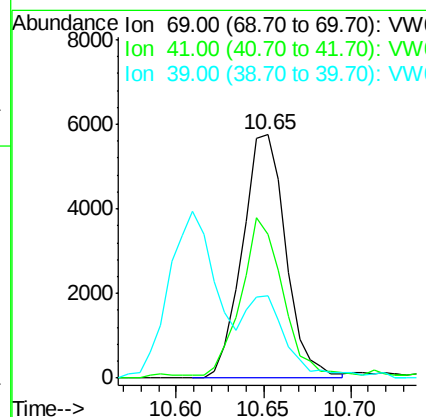
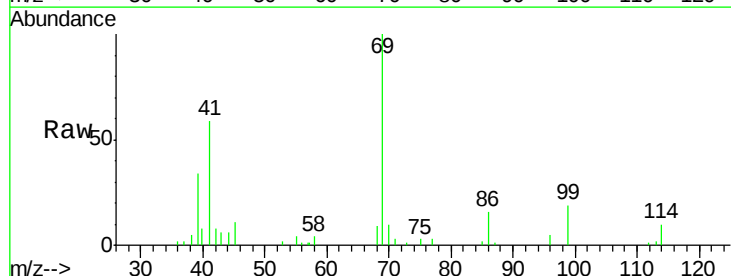
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

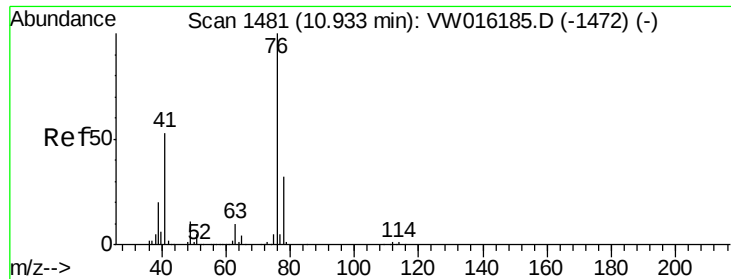
Tgt Ion:	97	Resp:	11469
Ion	Ratio	Lower	Upper
97	100		
83	89.7	66.6	100.0
85	51.4	43.0	64.4
99	60.7	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 3.818 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:	69	Resp:	9938
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.6	71.4
39	33.4	24.6	36.8

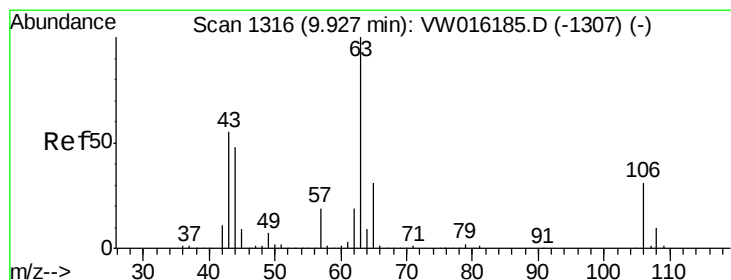
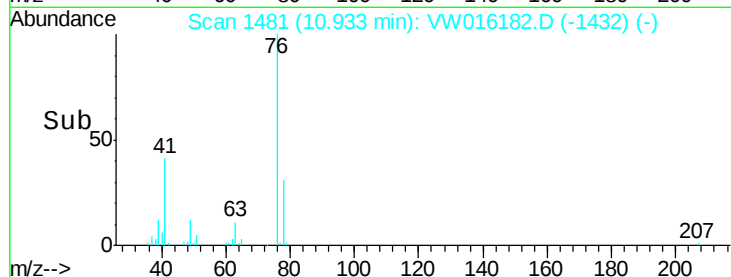
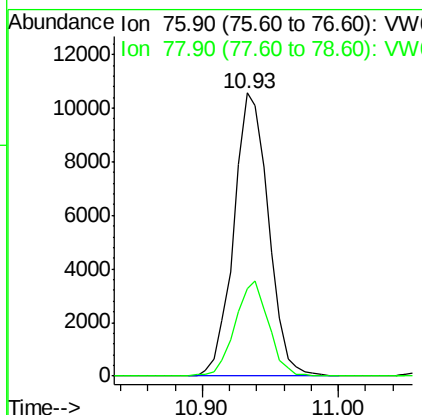
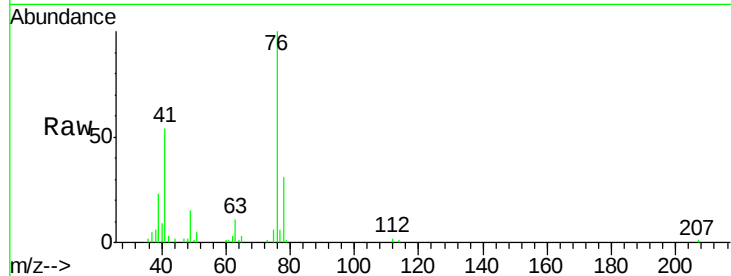




#57
 1,3-Dichloropropane
 Concen: 5.009 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

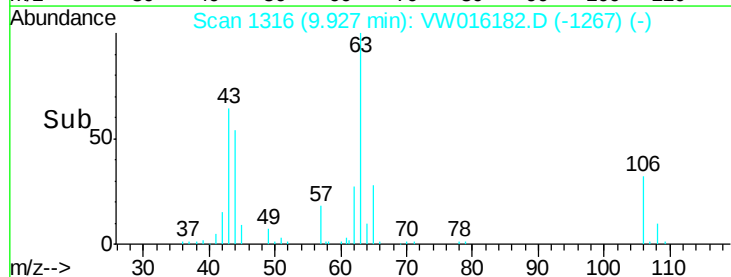
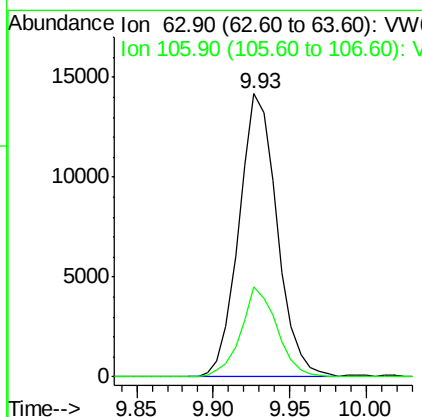
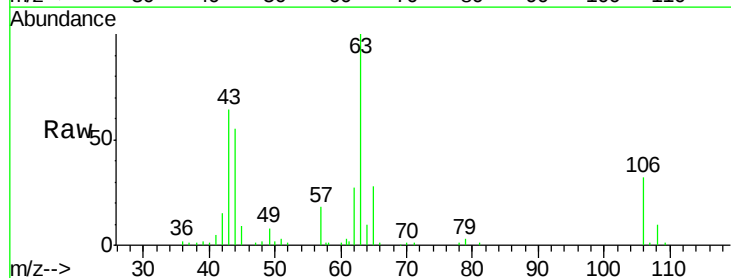
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

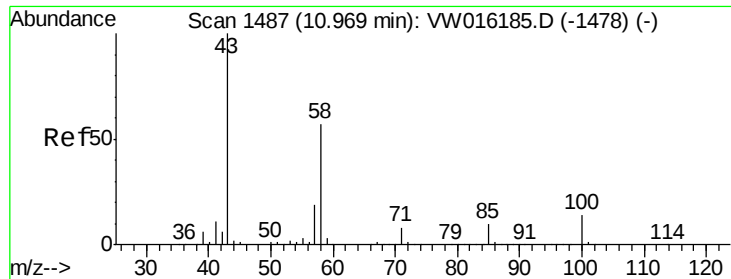
Tgt Ion: 76 Resp: 18754
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 19.533 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 63 Resp: 24558
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.9 37.3

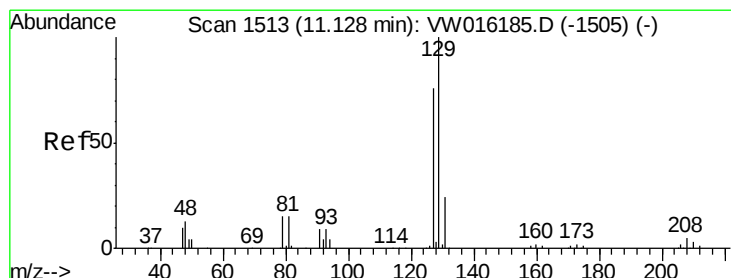
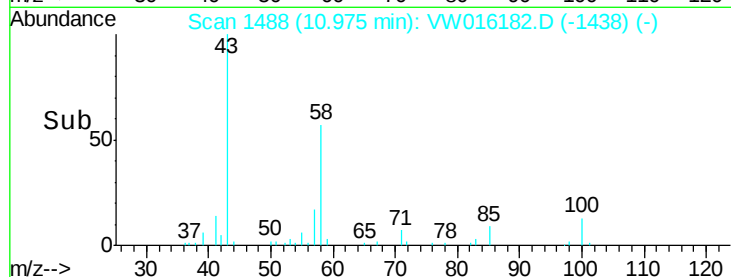
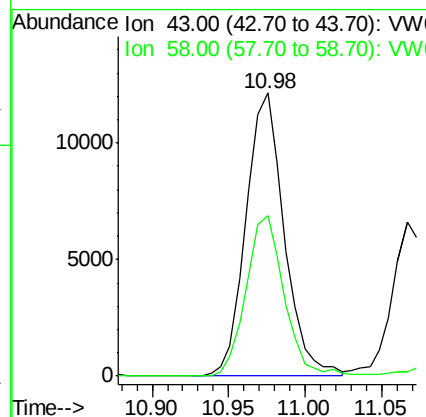
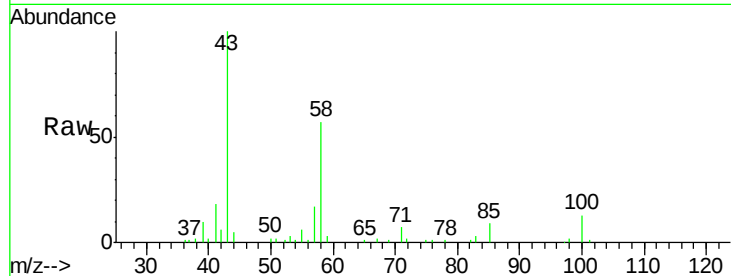




#59
2-Hexanone
Concen: 19.718 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

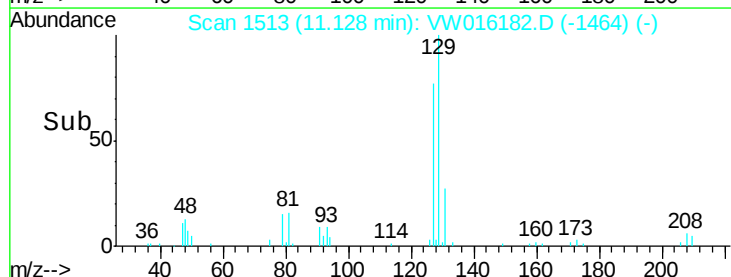
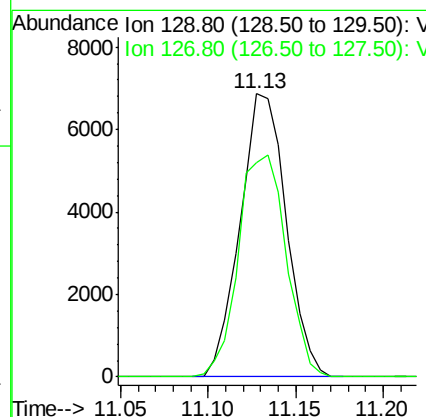
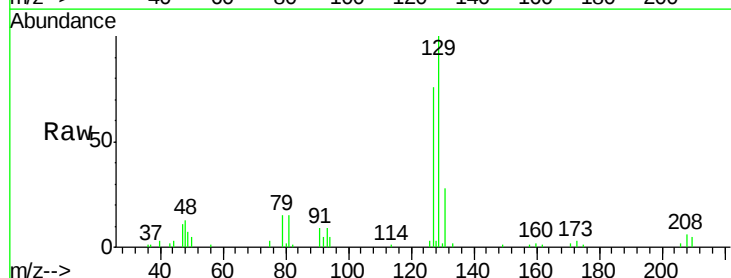
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

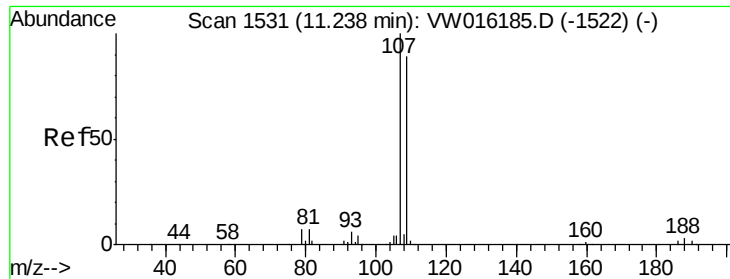
Tgt Ion: 43 Resp: 21153
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.5



#60
Dibromochloromethane
Concen: 5.121 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 129 Resp: 12630
Ion Ratio Lower Upper
129 100
127 81.0 38.3 114.8

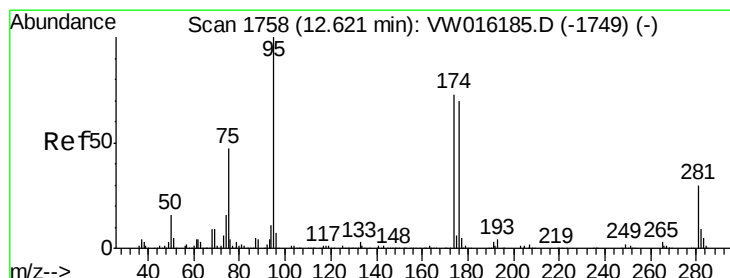
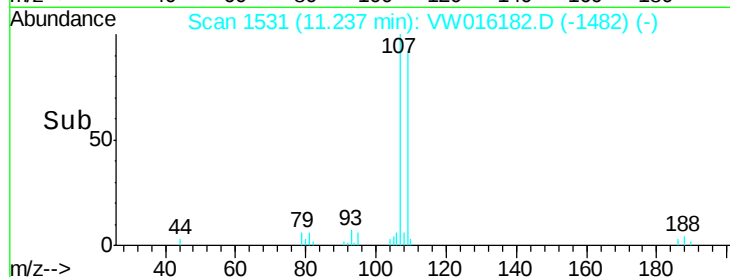
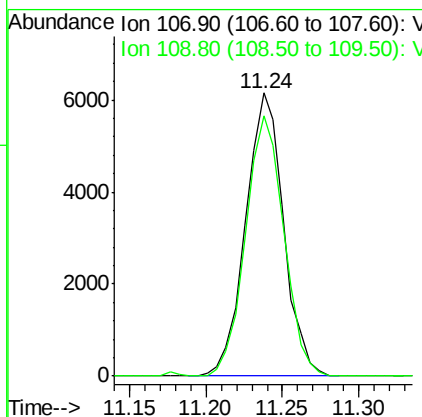
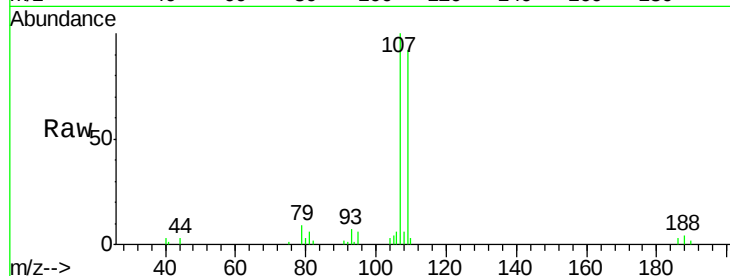




#61
 1,2-Dibromoethane
 Concen: 5.176 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

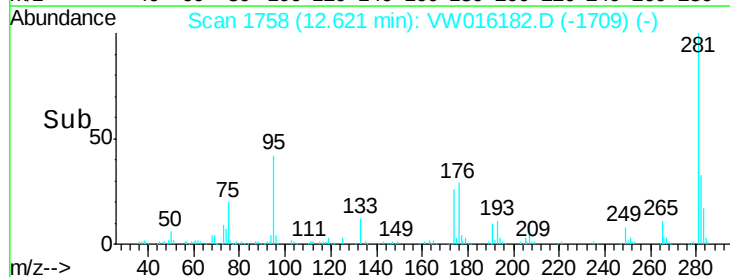
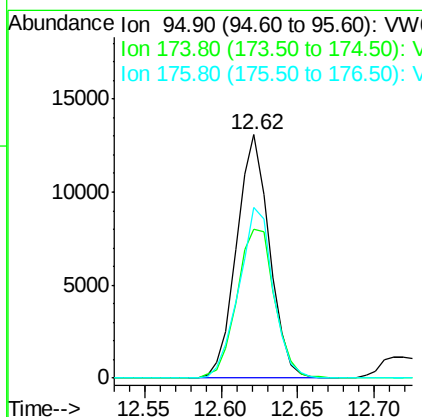
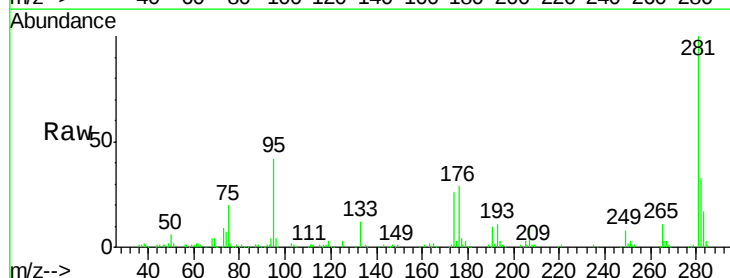
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

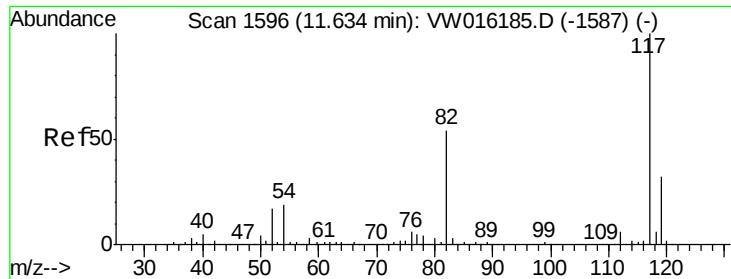
Tgt Ion: 107 Resp: 10590
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 5.196 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 95 Resp: 19469
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 145.6
 176 73.2 0.0 137.8

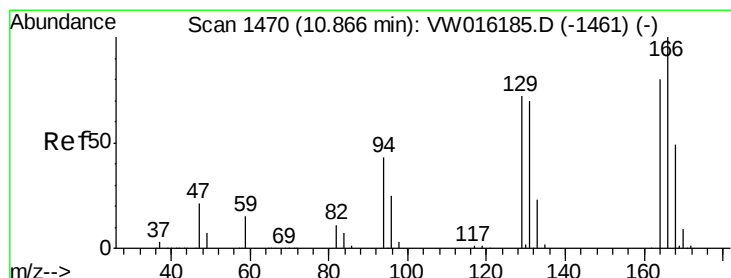
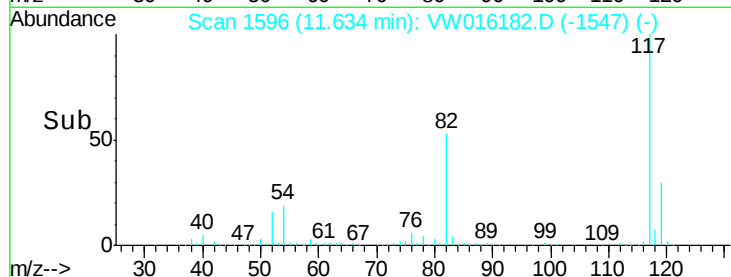
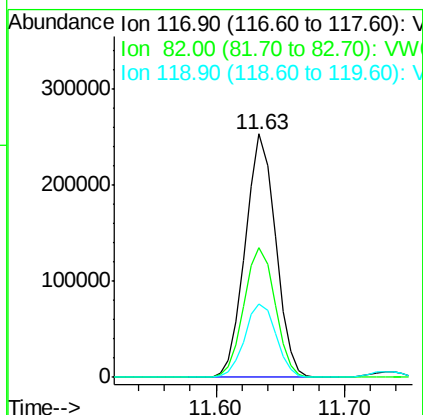
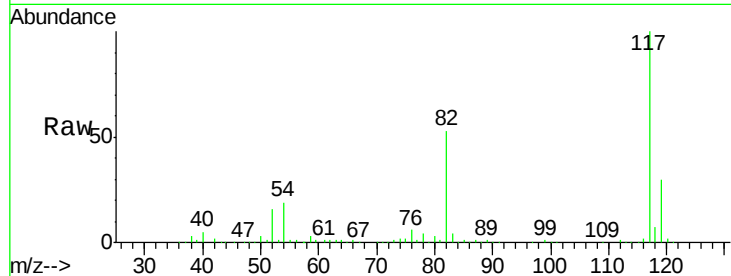




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

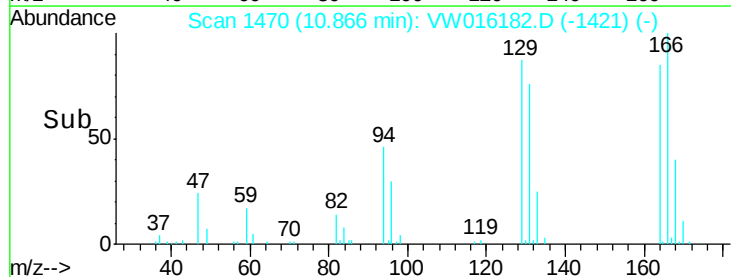
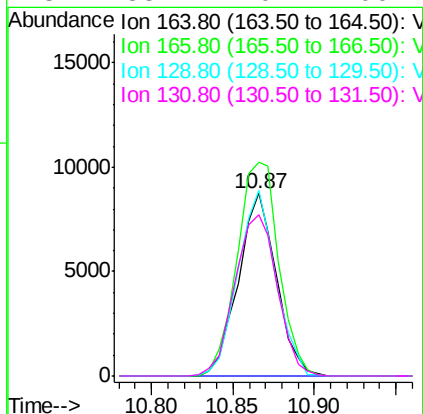
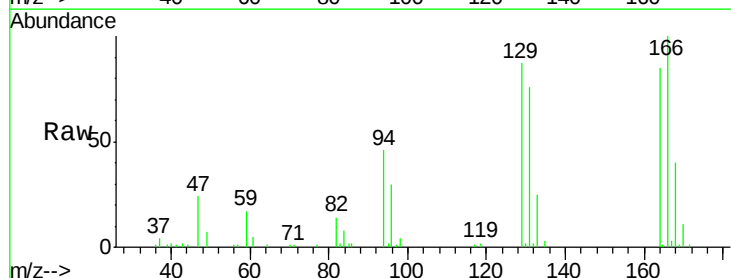
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

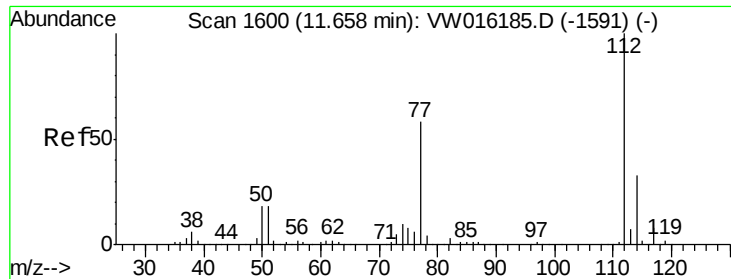
Tgt Ion:117 Resp: 413783
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 30.1 25.4 38.0



#64
Tetrachloroethene
Concen: 5.421 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:164 Resp: 14177
Ion Ratio Lower Upper
164 100
166 117.0 100.3 150.5
129 101.8 72.2 108.4
131 88.7 70.7 106.1

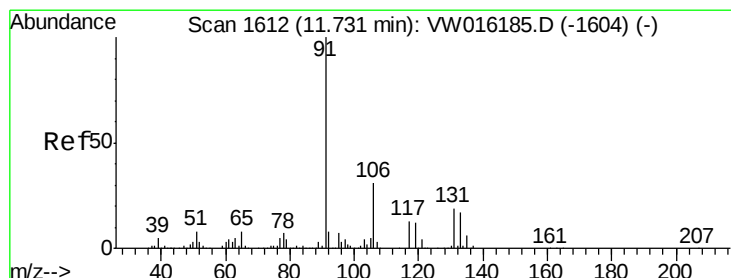
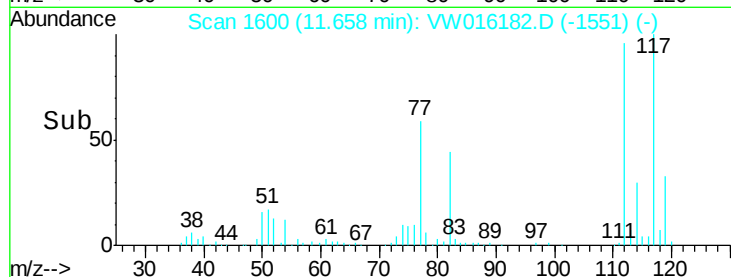
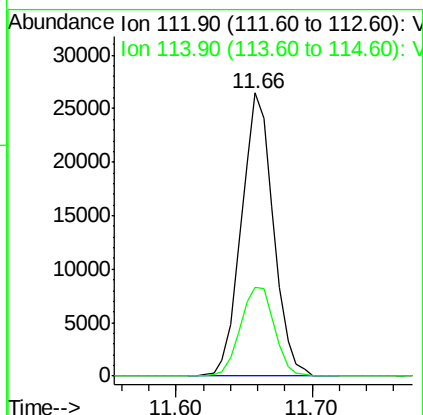
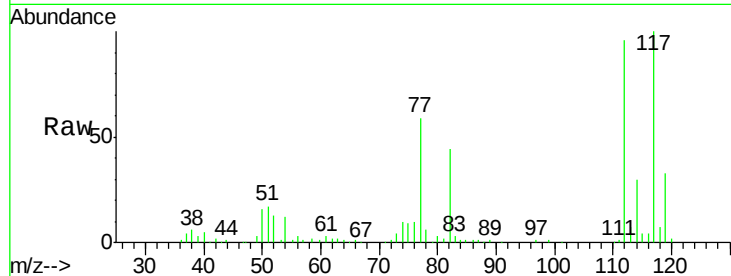




#65
Chlorobenzene
Concen: 5.395 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

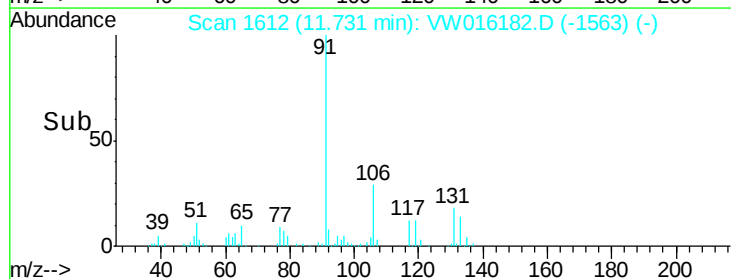
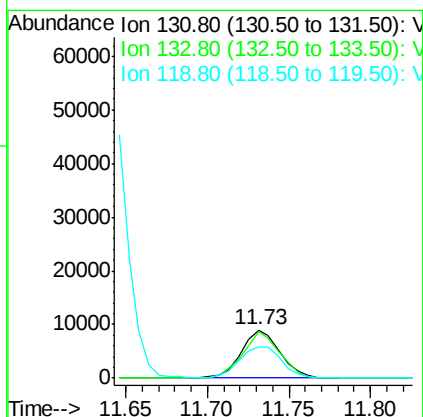
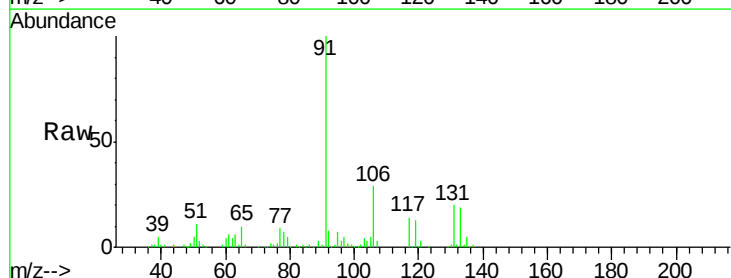
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

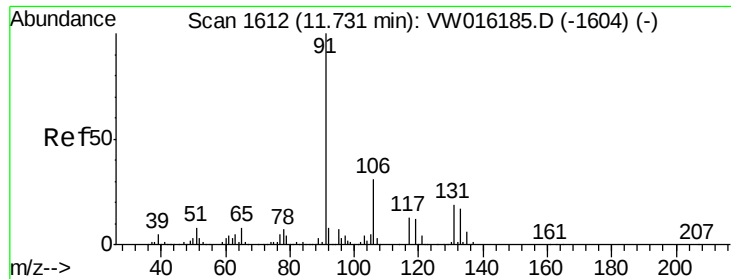
Tgt Ion:112 Resp: 43492
Ion Ratio Lower Upper
112 100
114 31.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.164 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:131 Resp: 14719
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 71.6 33.1 99.3

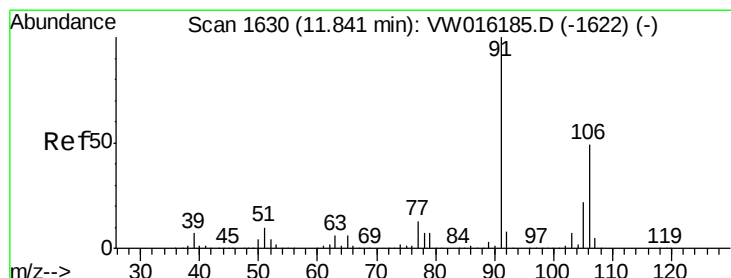
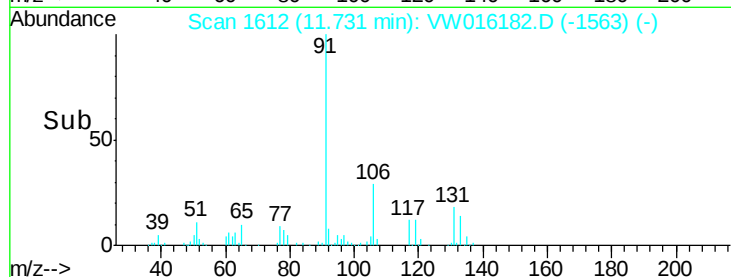
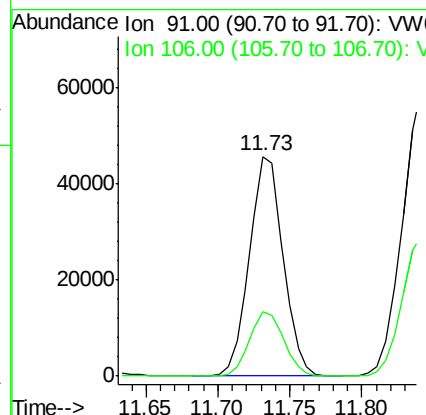
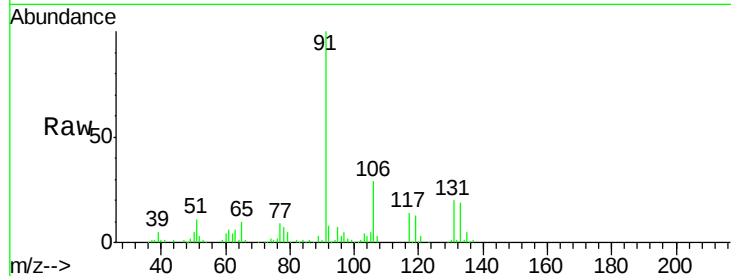




#67
Ethyl Benzene
Concen: 4.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

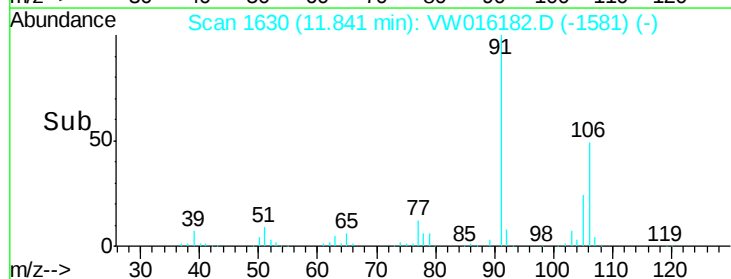
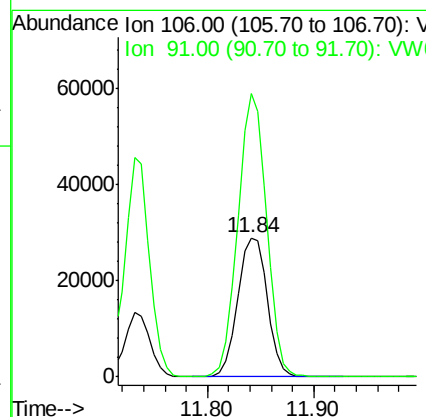
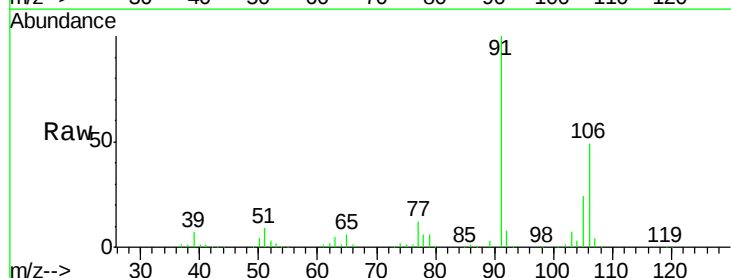
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

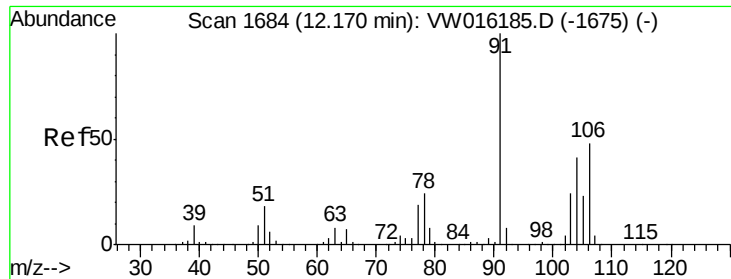
Tgt Ion: 91 Resp: 73859
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 10.074 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 106 Resp: 56497
Ion Ratio Lower Upper
106 100
91 196.7 161.4 242.2

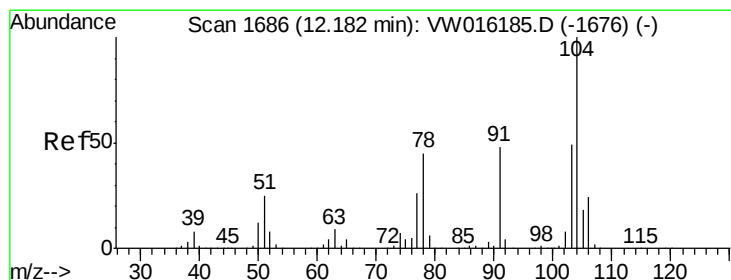
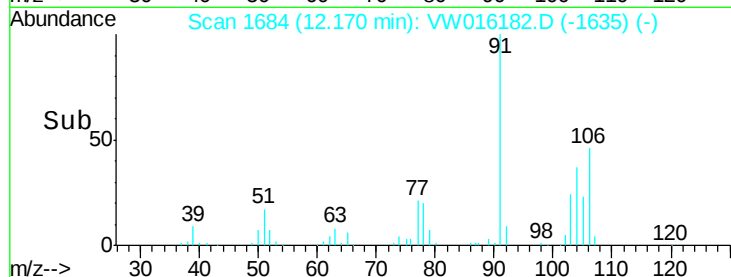
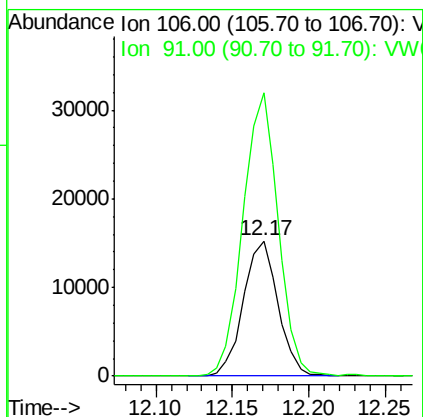
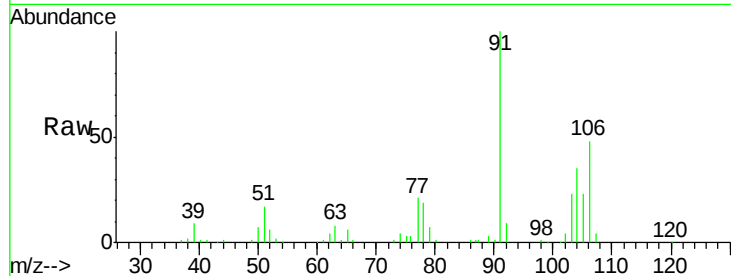




#69
o-Xylene
Concen: 4.694 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

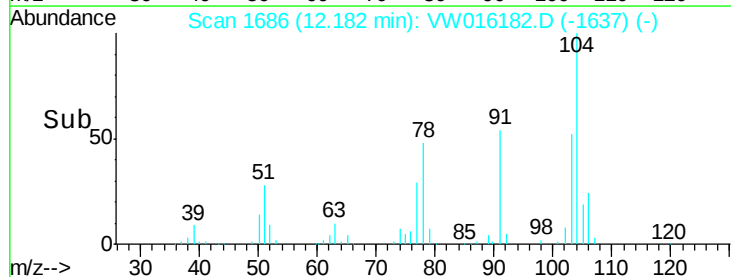
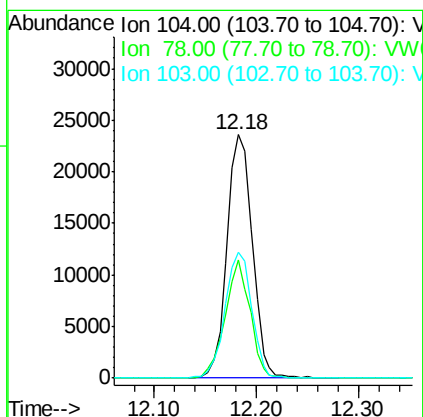
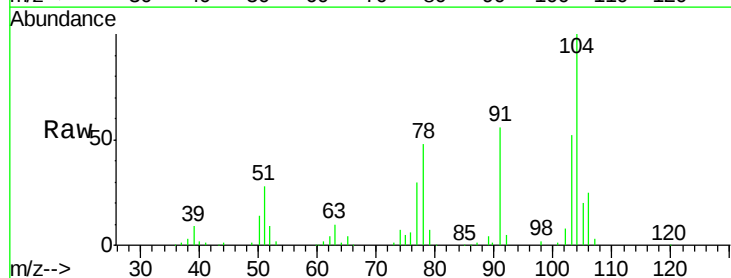
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

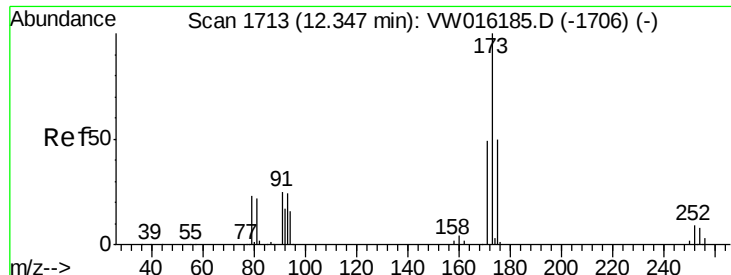
Tgt Ion:106 Resp: 23989
Ion Ratio Lower Upper
106 100
91 212.9 106.0 317.9



#70
Styrene
Concen: 4.613 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:104 Resp: 40603
Ion Ratio Lower Upper
104 100
78 47.7 39.4 59.2
103 54.5 42.9 64.3

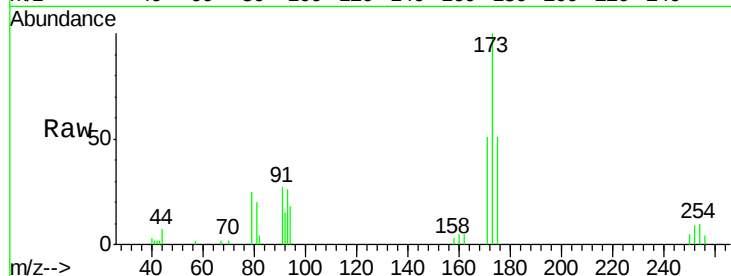




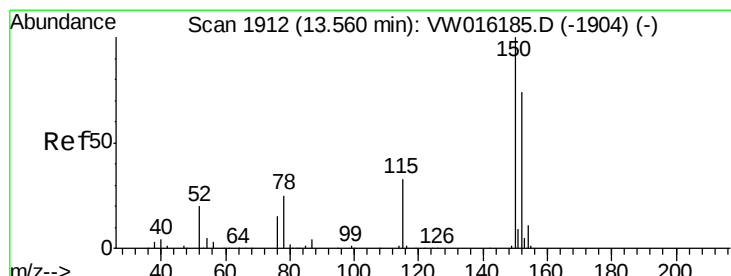
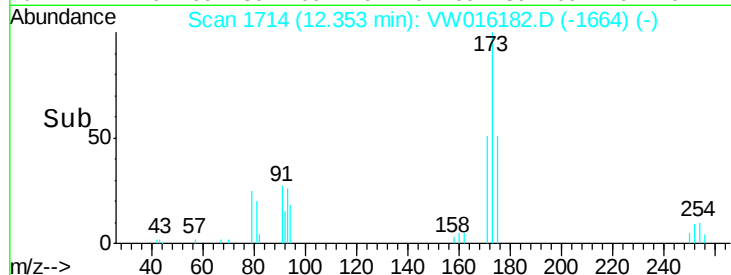
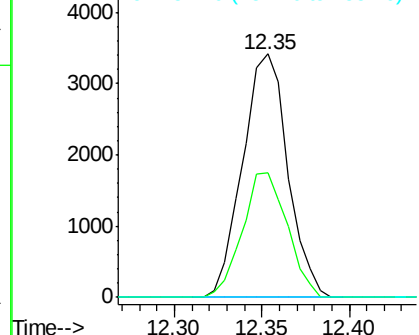
#71
Bromoform
Concen: 4.726 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 6134
Ion Ratio Lower Upper
173 100
175 50.7 24.7 74.1
254 0.0 0.0 0.0

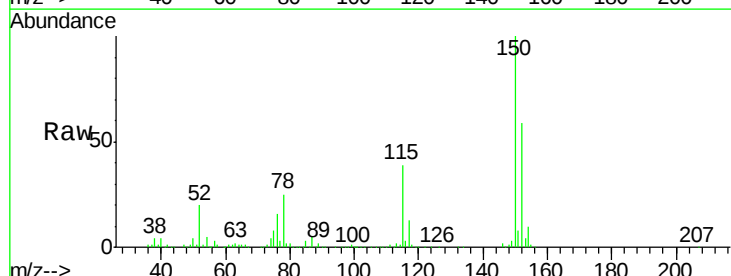


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

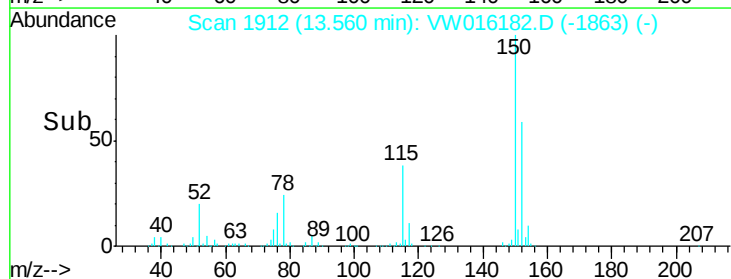
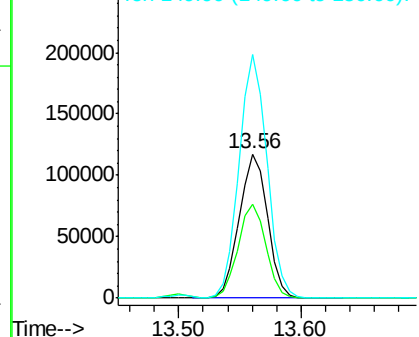


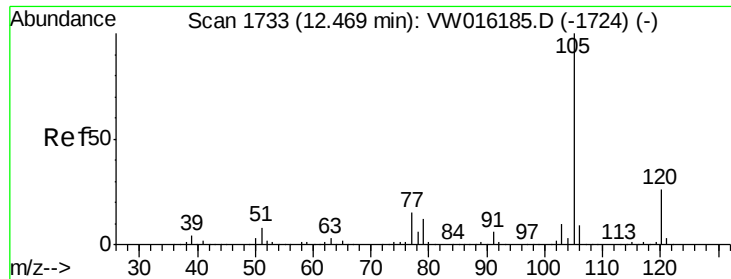
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:152 Resp: 187417
Ion Ratio Lower Upper
152 100
115 64.3 30.9 92.5
150 166.4 0.0 337.8



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

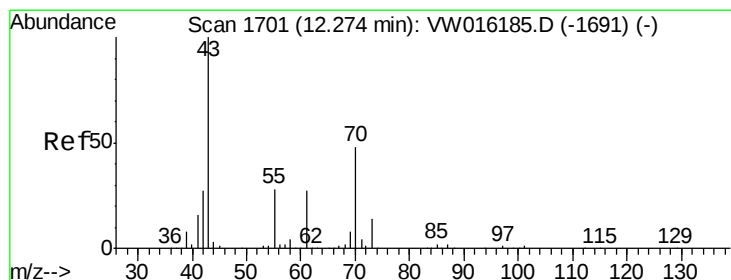
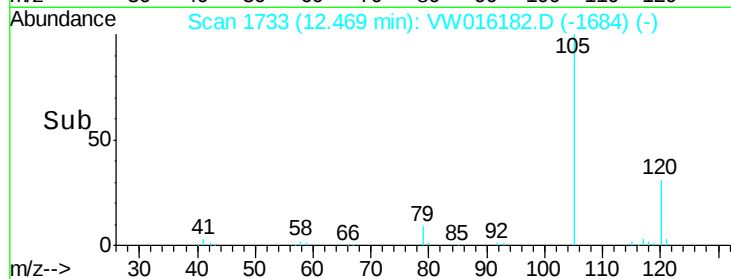
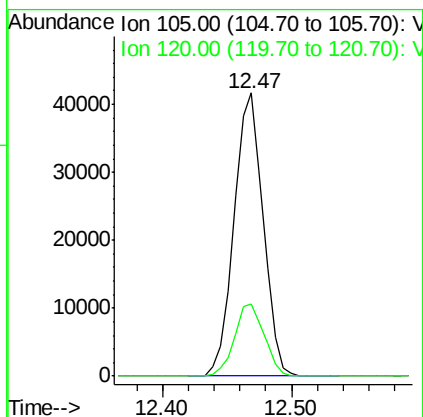
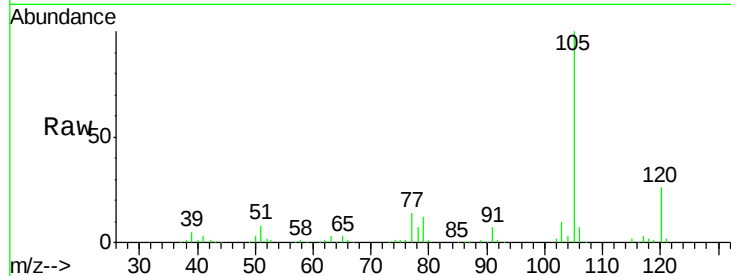




#73
Isopropylbenzene
Concen: 4.922 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

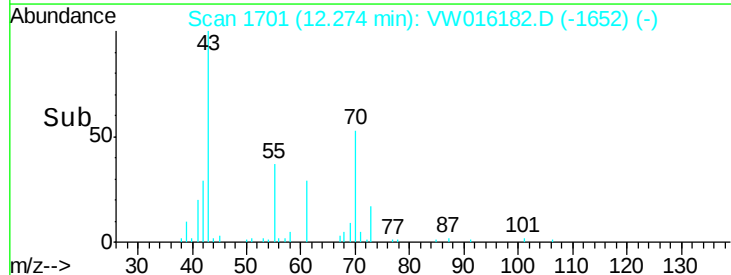
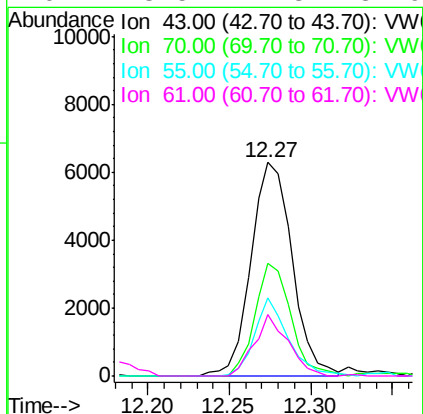
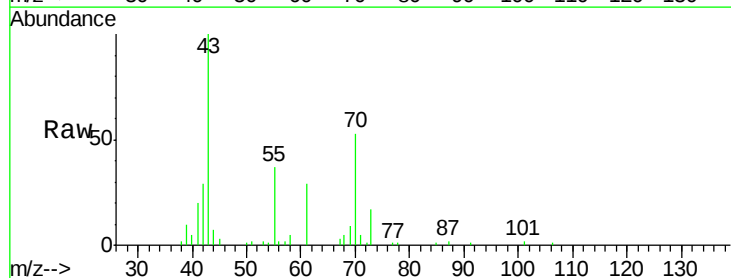
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

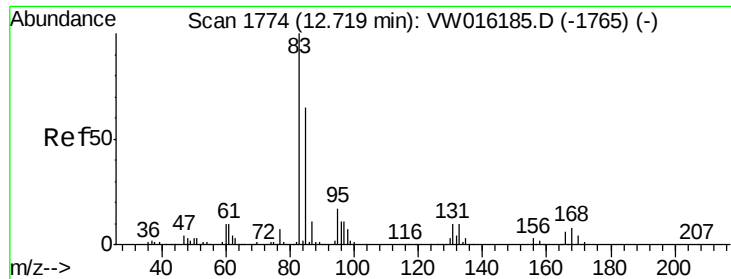
Tgt Ion: 105 Resp: 65479
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#74
N-ethyl acetate
Concen: 3.961 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 43 Resp: 11033
Ion Ratio Lower Upper
43 100
70 46.1 38.6 58.0
55 30.0 22.2 33.2
61 23.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.582 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

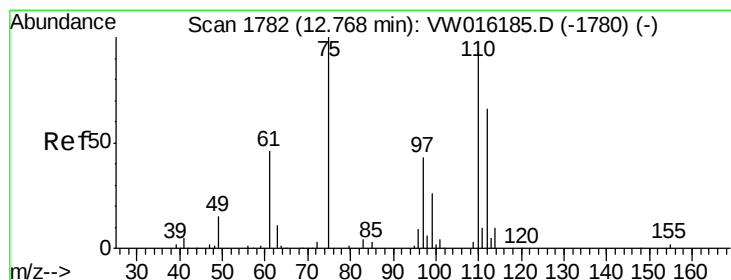
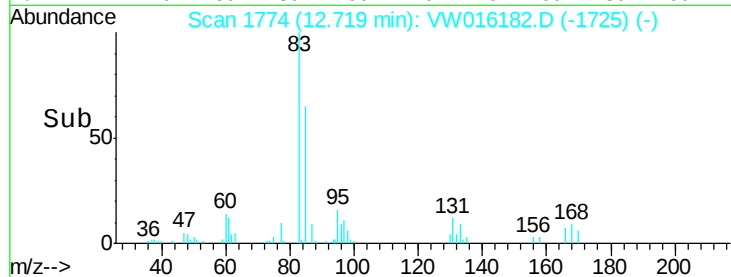
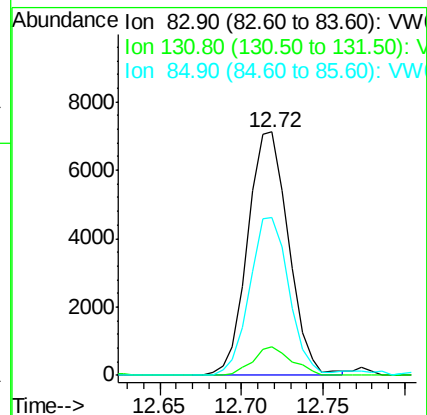
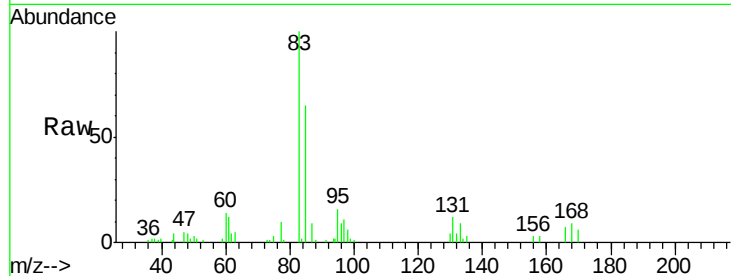
Tgt Ion: 83 Resp: 12429

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

85 62.7 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 9.016 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016182.D

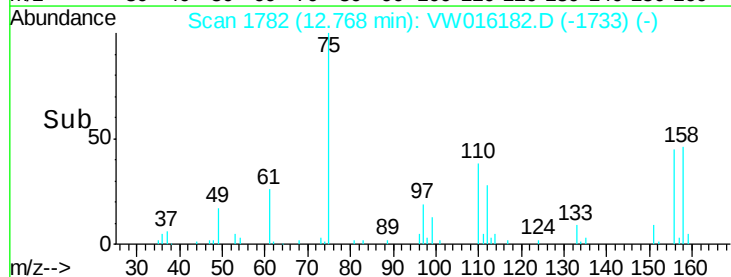
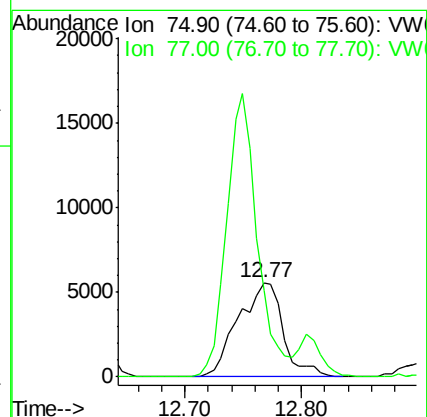
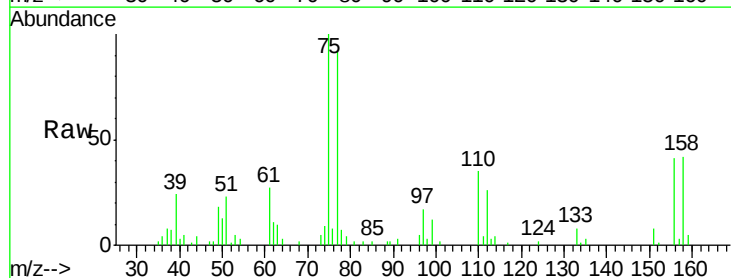
Acq: 14 Aug 2020 09:50

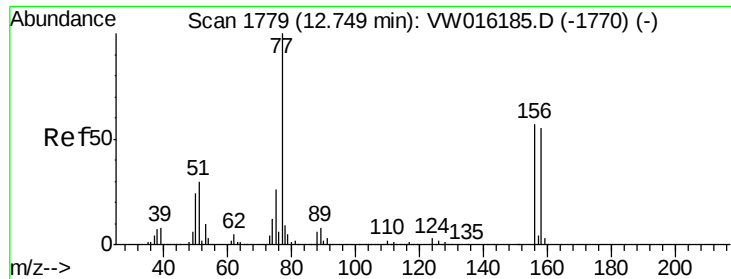
Tgt Ion: 75 Resp: 14959

Ion Ratio Lower Upper

75 100

77 205.4 173.6 520.6





#77

Bromobenzene

Concen: 5.441 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

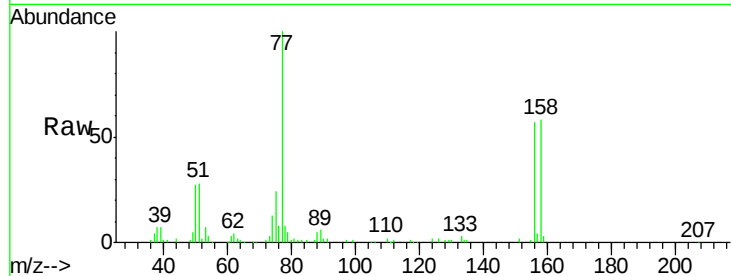
Tgt Ion:156 Resp: 16193

Ion Ratio Lower Upper

156 100

77 189.8 97.9 293.6

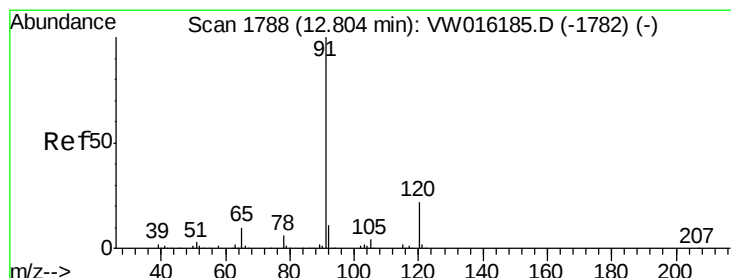
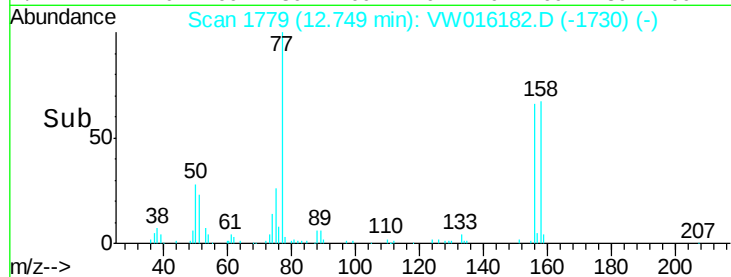
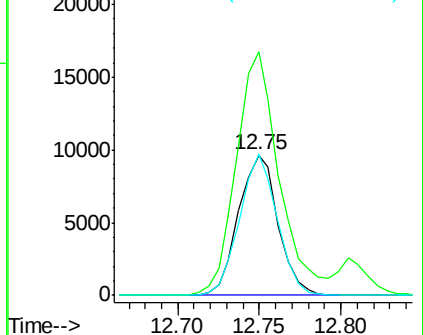
158 96.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.037 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016182.D

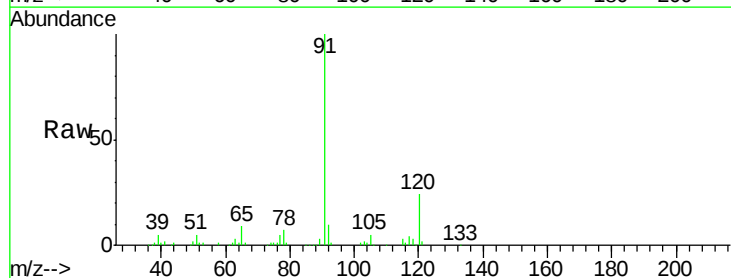
Acq: 14 Aug 2020 09:50

Tgt Ion: 91 Resp: 81056

Ion Ratio Lower Upper

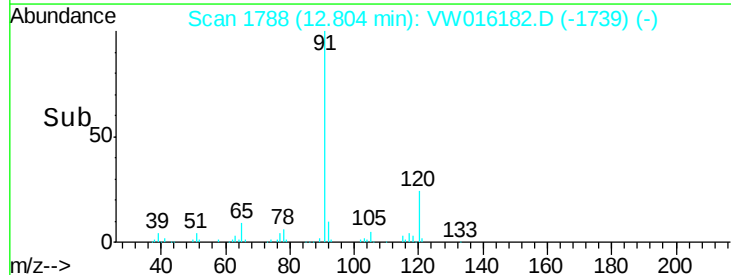
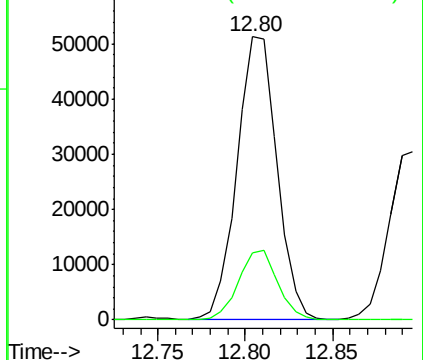
91 100

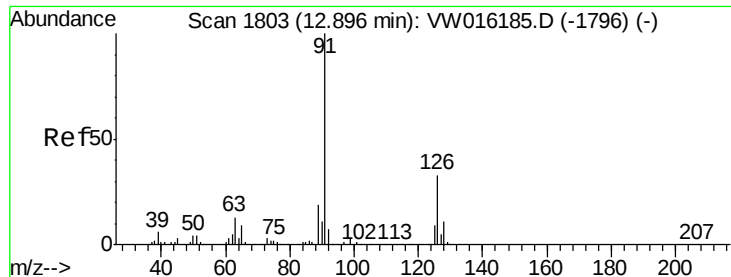
120 24.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

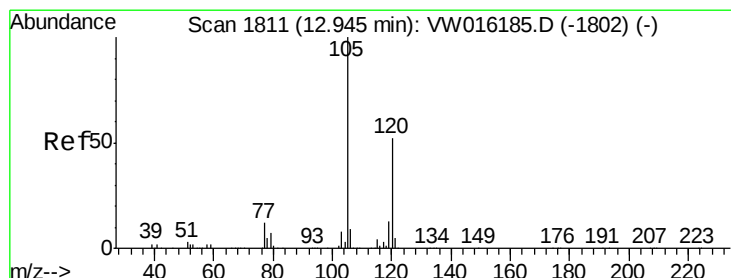
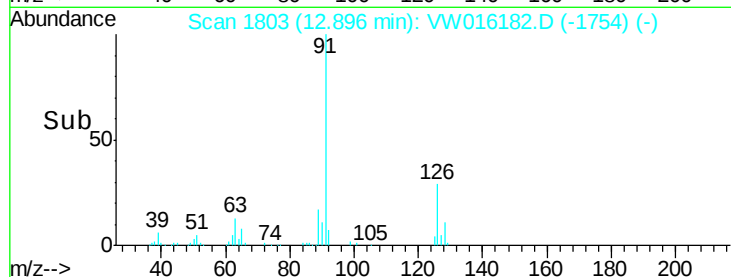
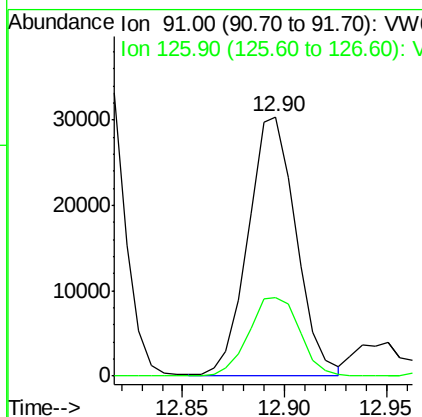
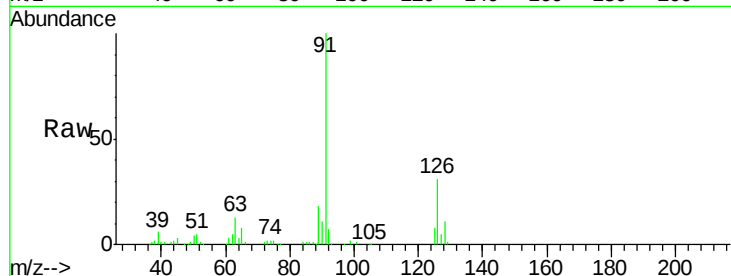




#79
 2-Chlorotoluene
 Concen: 5.395 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

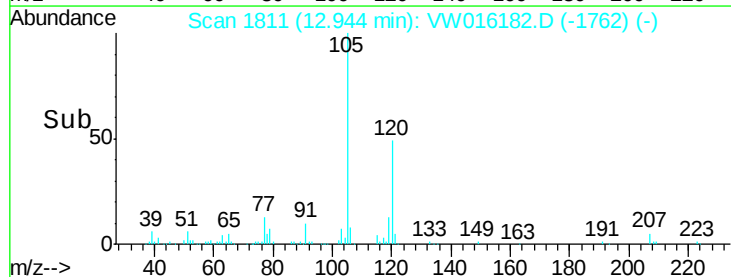
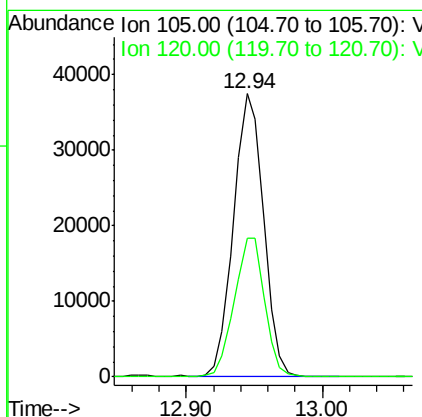
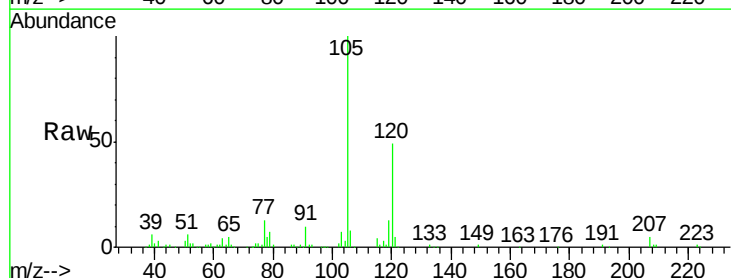
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

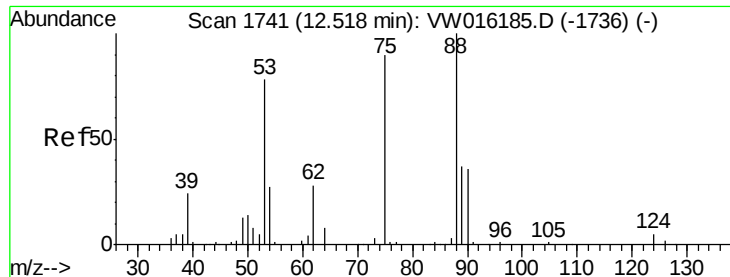
Tgt Ion: 91 Resp: 49574
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 5.091 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 105 Resp: 57846
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.865 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

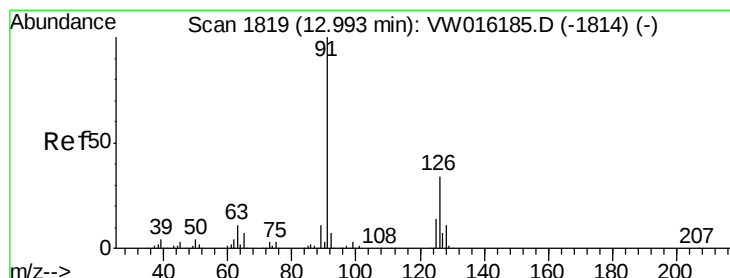
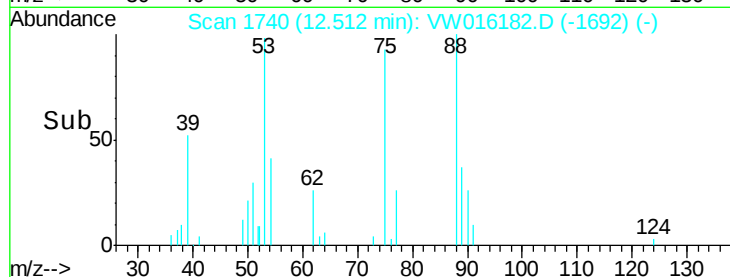
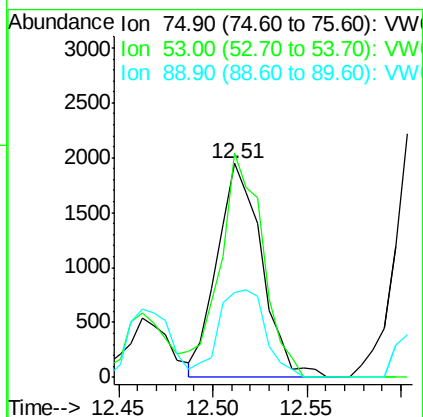
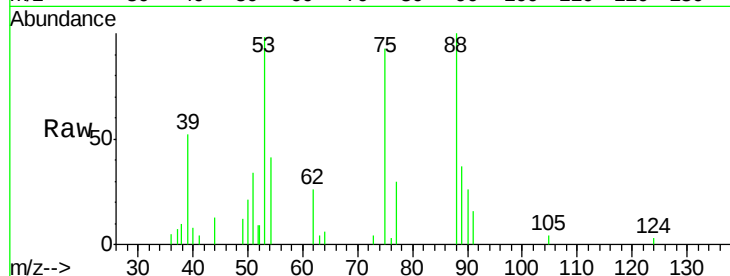
Tgt Ion: 75 Resp: 3205

Ion Ratio Lower Upper

75 100

53 102.0 74.6 111.8

89 43.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 5.276 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW016182.D

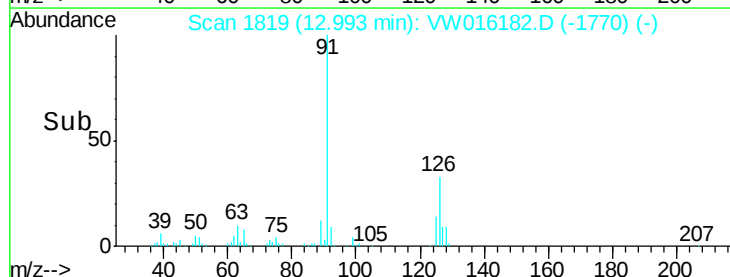
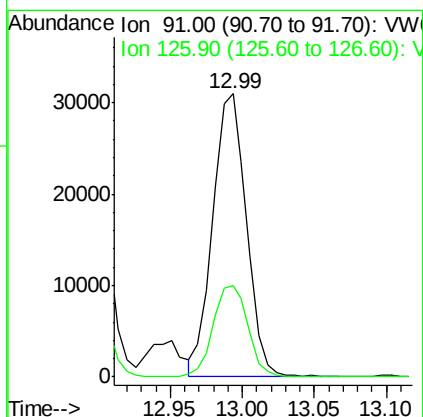
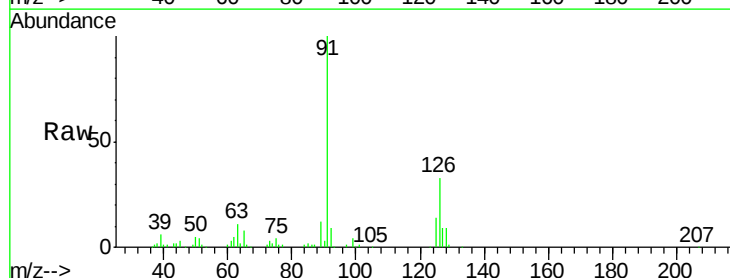
Acq: 14 Aug 2020 09:50

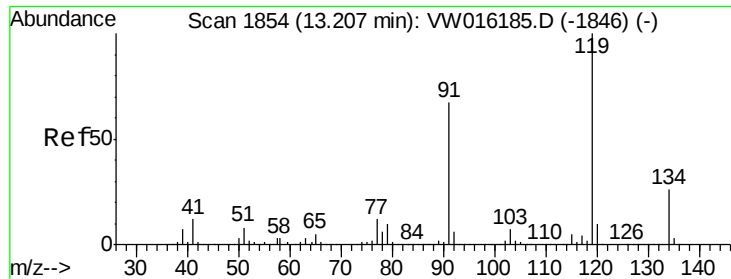
Tgt Ion: 91 Resp: 50713

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8

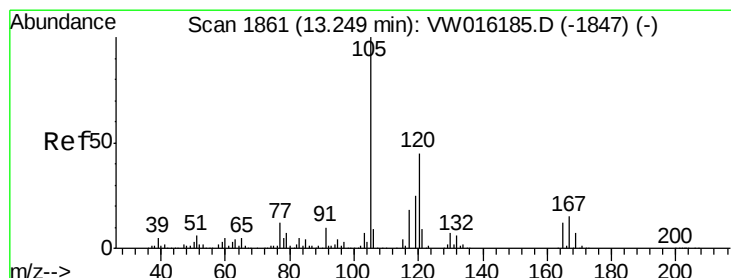
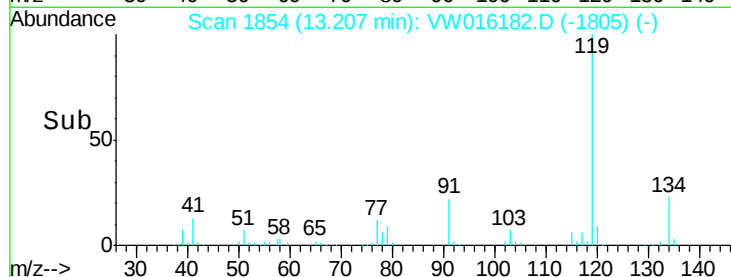
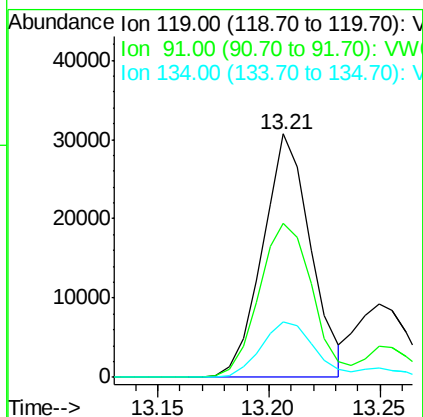
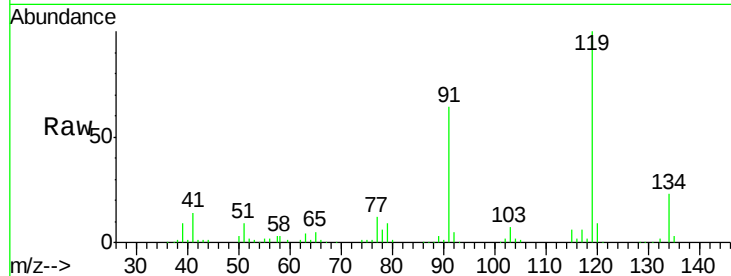




#83
 tert-Butylbenzene
 Concen: 4.885 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

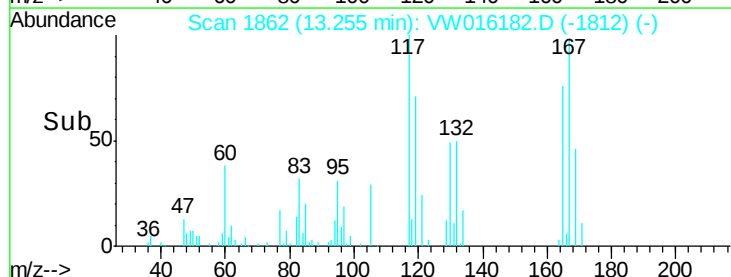
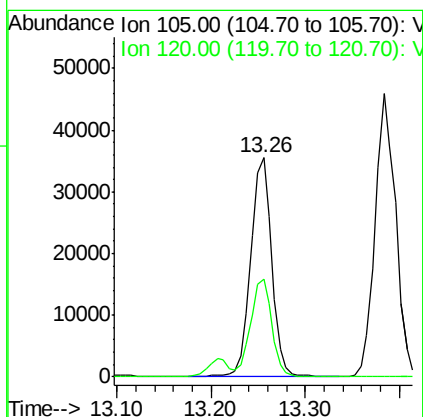
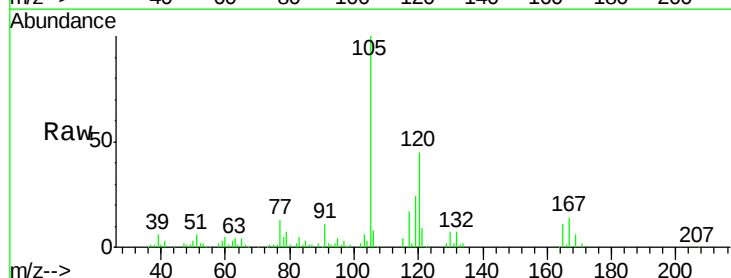
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

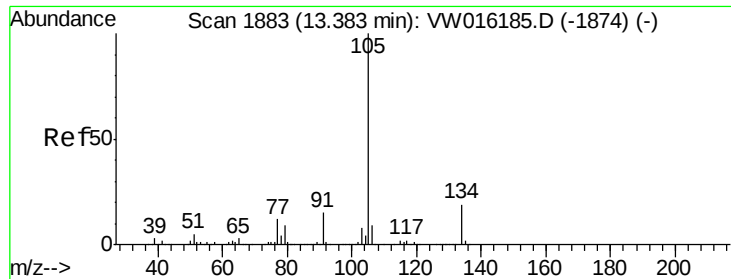
Tgt Ion:119 Resp: 45986
 Ion Ratio Lower Upper
 119 100
 91 70.2 33.3 99.9
 134 25.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.949 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:105 Resp: 56143
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.2 66.6

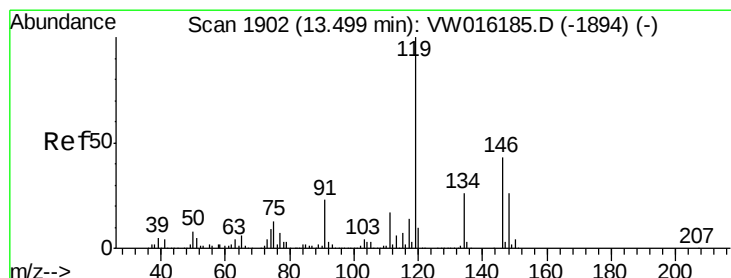
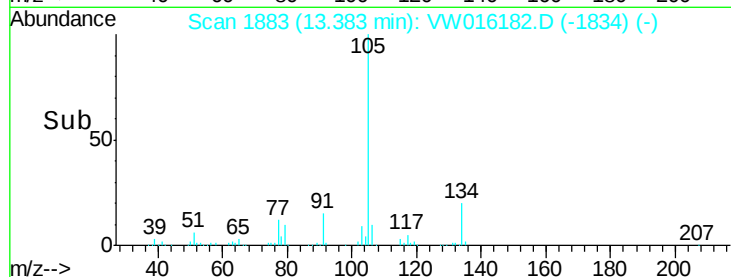
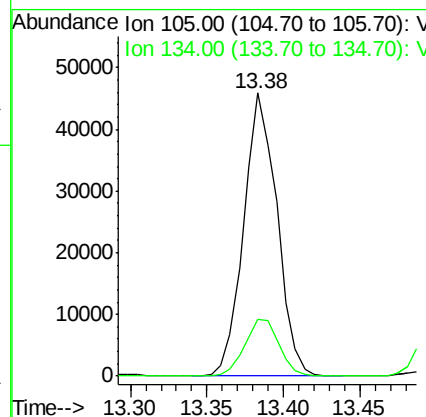
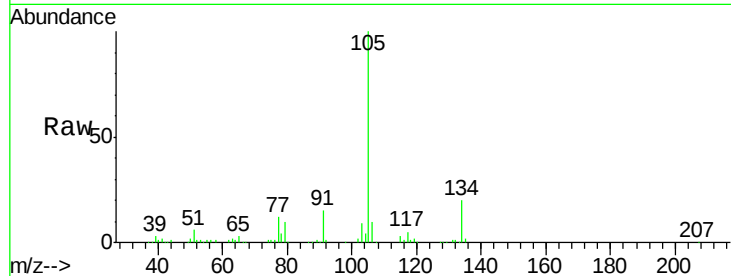




#85
 sec-Butylbenzene
 Concen: 5.099 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

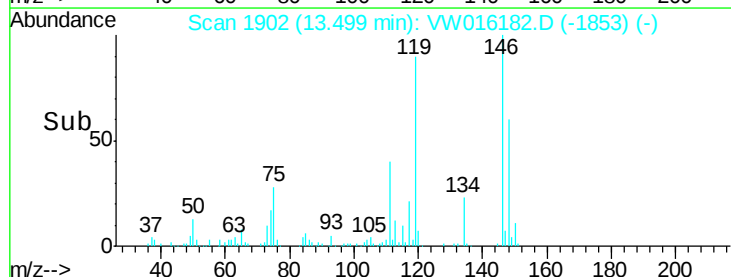
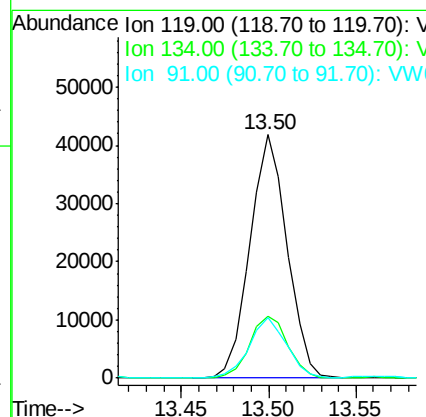
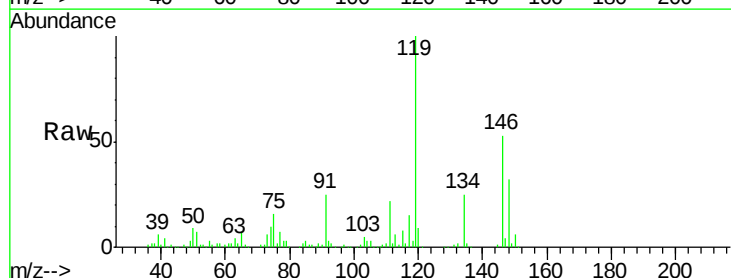
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

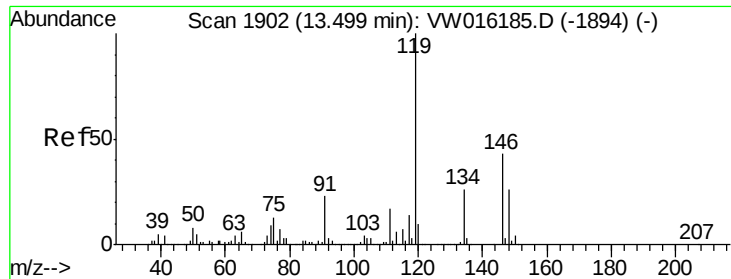
Tgt Ion:105 Resp: 69372
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.965 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:119 Resp: 61695
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 25.1 11.8 35.3

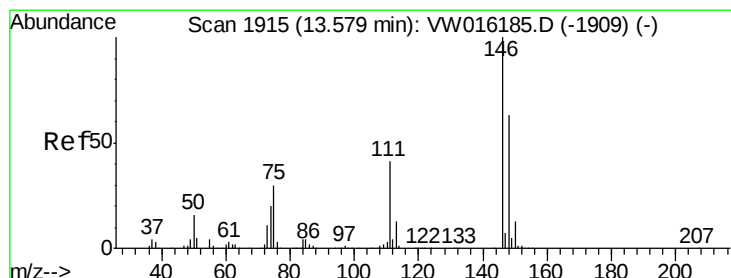
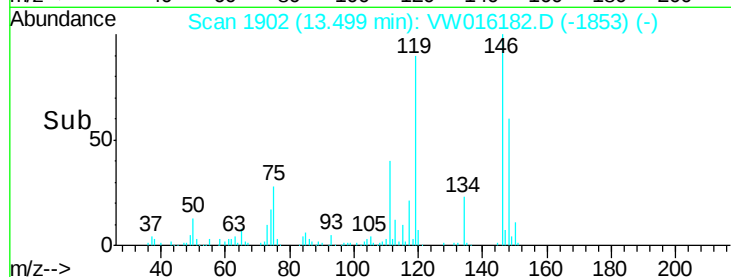
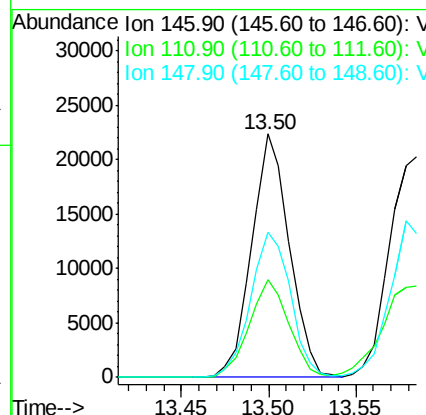
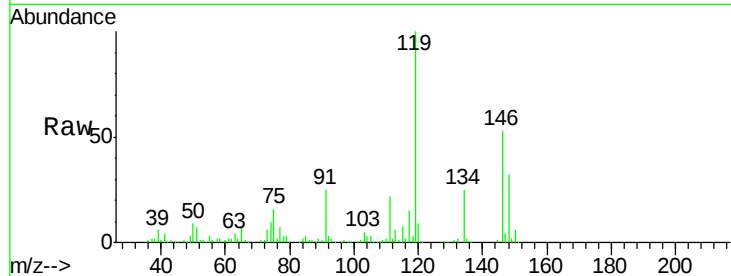




#87
 1,3-Dichlorobenzene
 Concen: 5.596 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

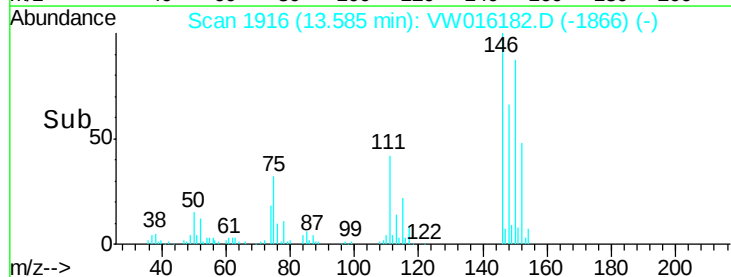
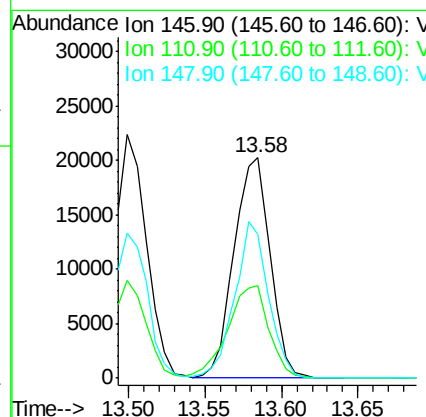
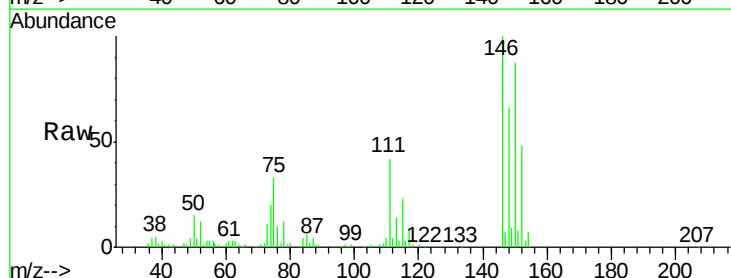
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

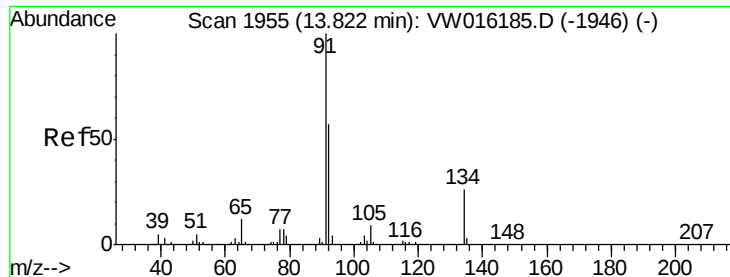
Tgt Ion:146 Resp: 33445
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.3 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 5.681 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:146 Resp: 33173
 Ion Ratio Lower Upper
 146 100
 111 47.8 20.8 62.2
 148 66.2 32.1 96.3





#89

n-Butylbenzene

Concen: 4.779 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

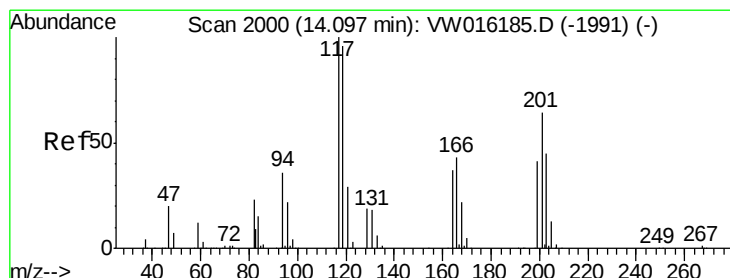
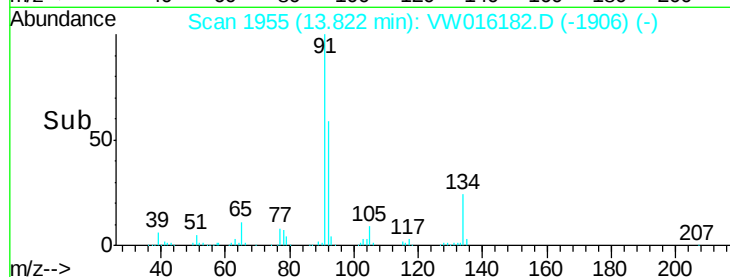
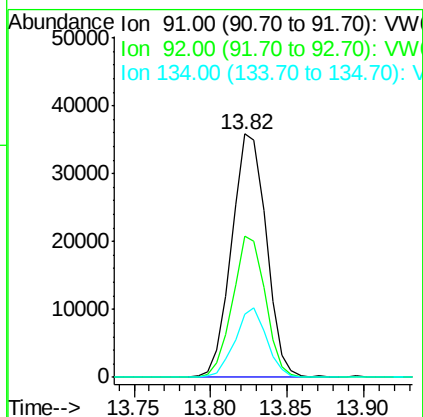
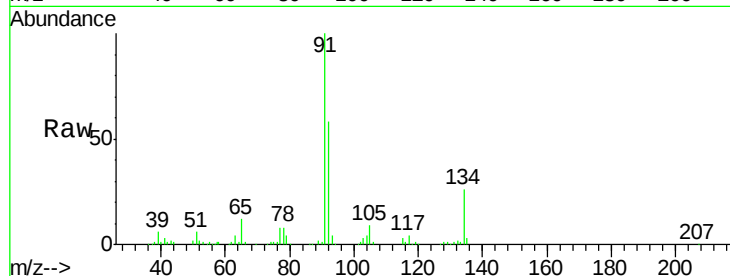
Tgt Ion: 91 Resp: 56357

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 26.0 13.0 39.0



#90

Hexachloroethane

Concen: 5.368 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW016182.D

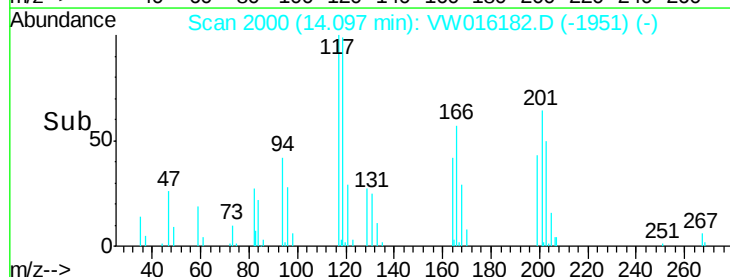
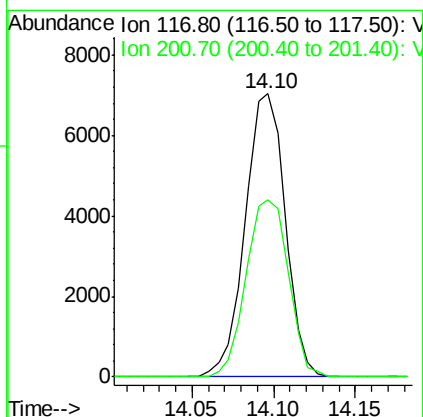
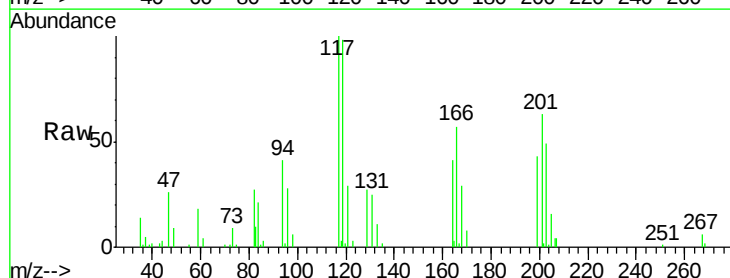
Acq: 14 Aug 2020 09:50

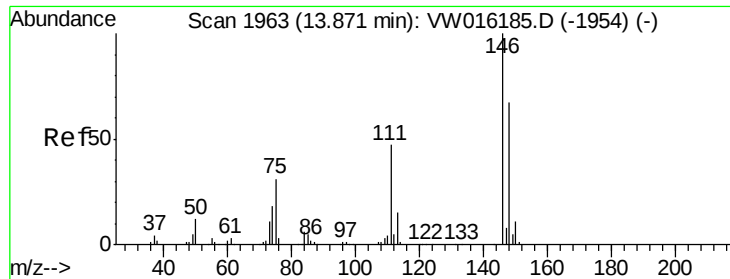
Tgt Ion: 117 Resp: 12045

Ion Ratio Lower Upper

117 100

201 65.9 33.8 101.3

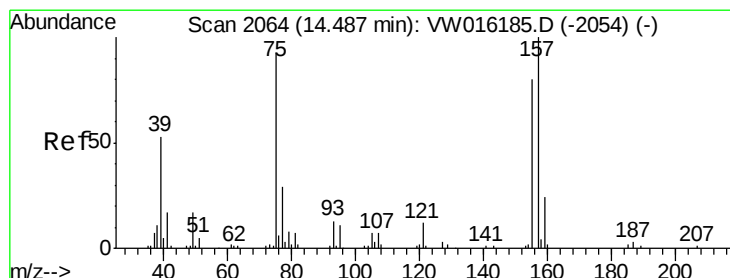
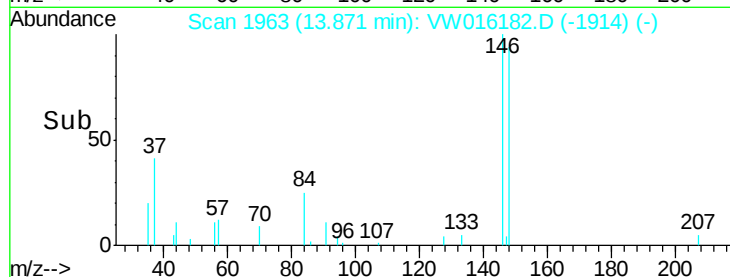
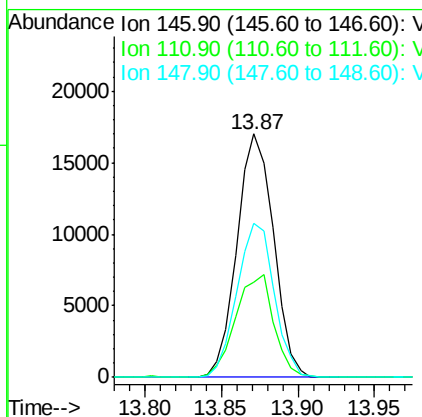
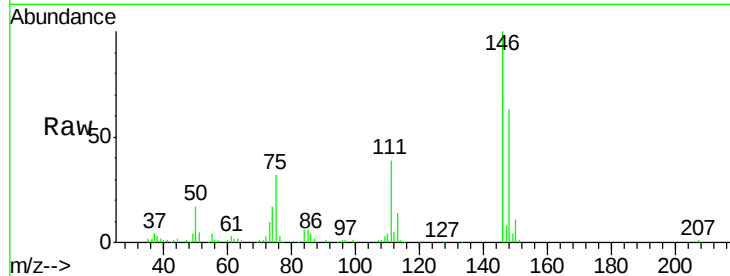




#91
 1,2-Dichlorobenzene
 Concen: 5.497 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

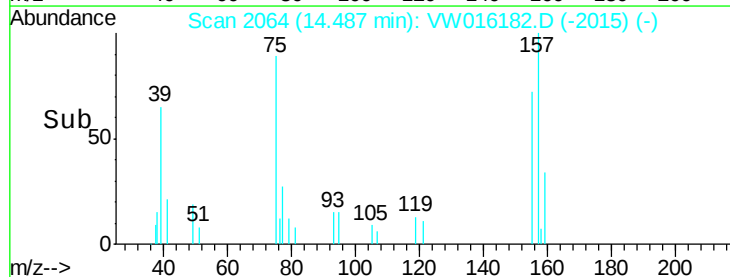
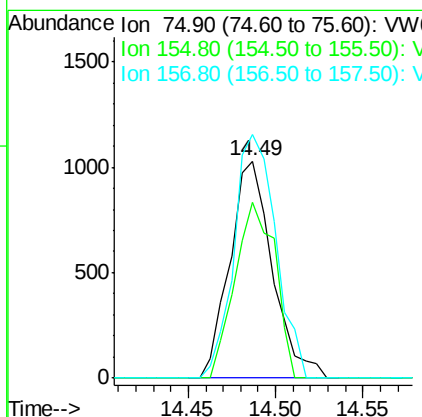
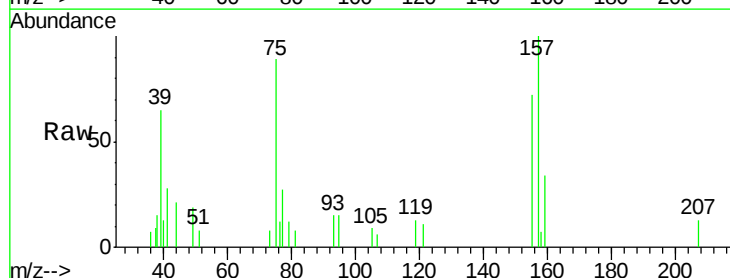
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

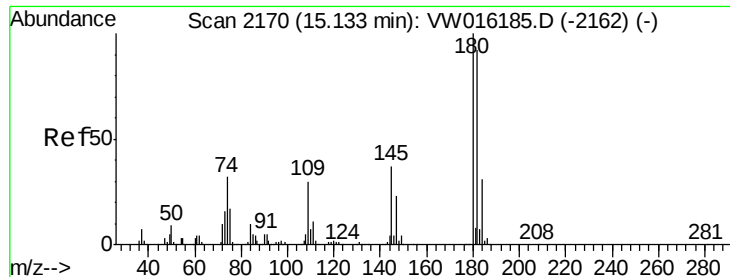
Tgt Ion: 146 Resp: 28298
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.8
 148 64.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.932 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 75 Resp: 1748
 Ion Ratio Lower Upper
 75 100
 155 76.4 41.3 124.1
 157 110.6 53.0 159.0

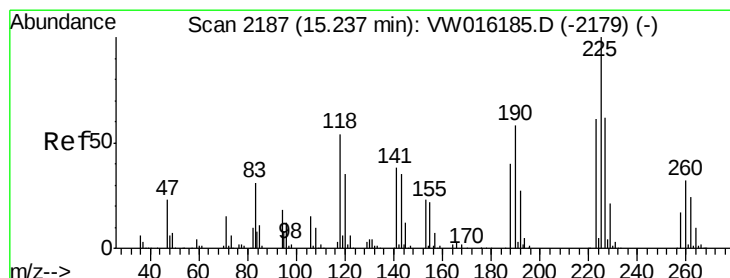
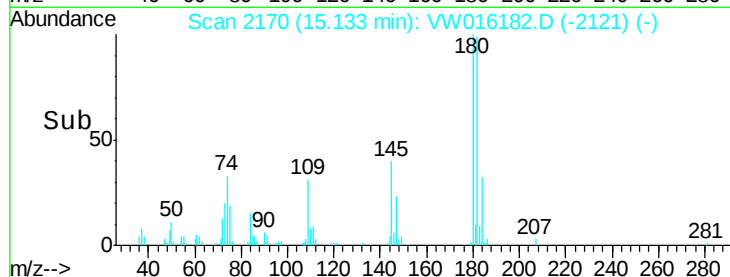
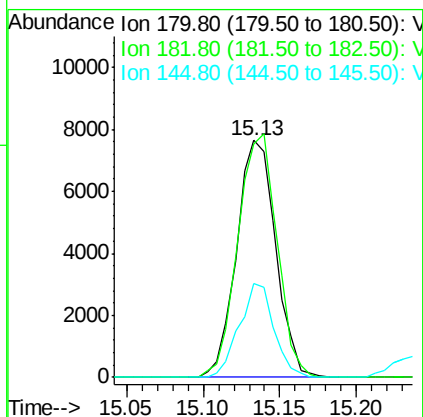
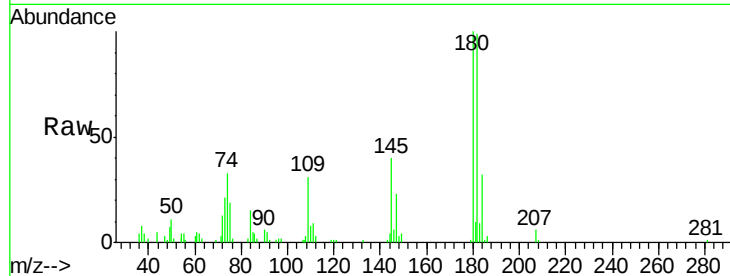




#93
 1,2,4-Trichlorobenzene
 Concen: 4.193 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

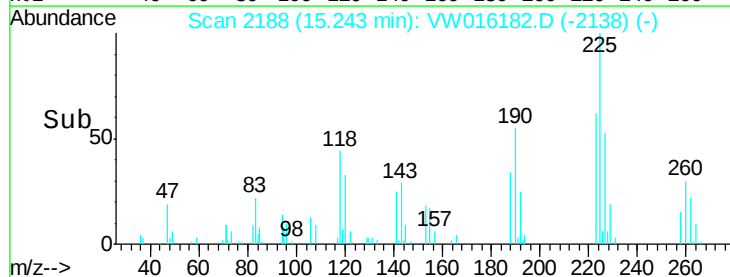
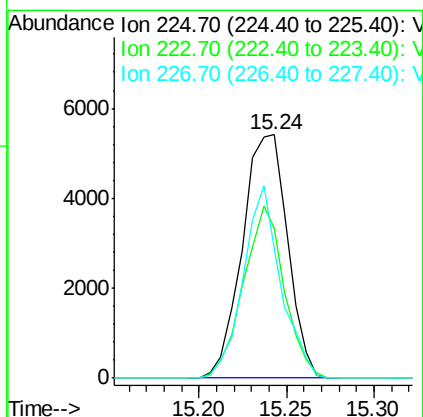
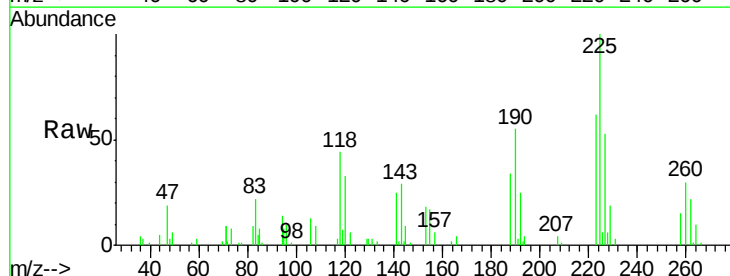
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

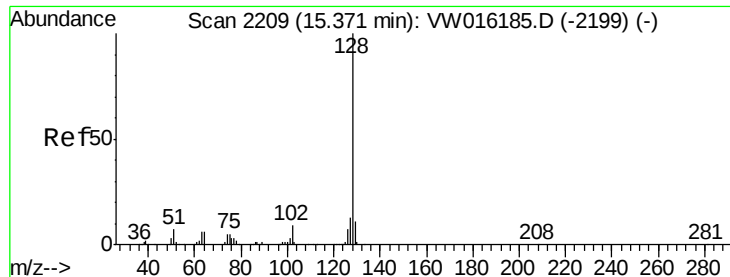
Tgt Ion:180 Resp: 13575
 Ion Ratio Lower Upper
 180 100
 182 102.6 46.0 138.0
 145 34.9 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 4.823 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion:225 Resp: 9742
 Ion Ratio Lower Upper
 225 100
 223 63.9 33.0 99.0
 227 65.2 32.0 96.2

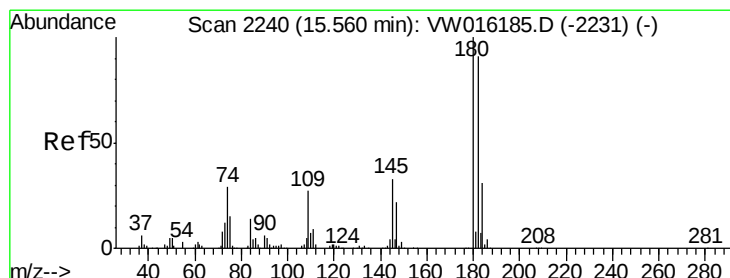
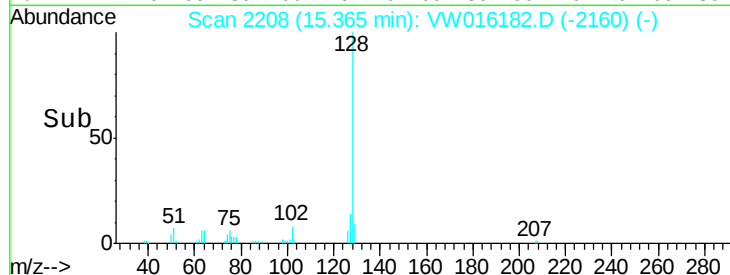
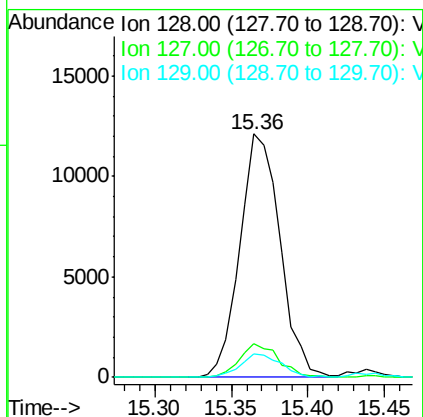
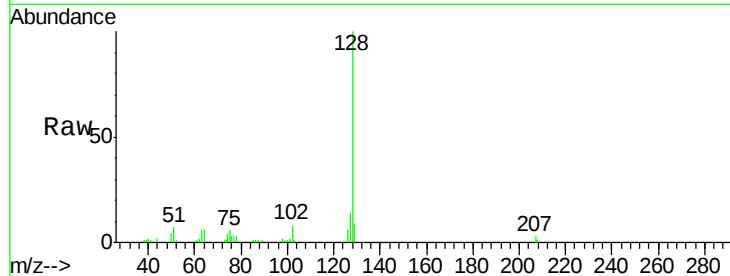




#95
Naphthalene
Concen: 3.988 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 22178
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.403 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:180 Resp: 12276
Ion Ratio Lower Upper
180 100
182 103.8 47.7 143.1
145 37.1 17.4 52.3

