

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016295.D
 Acq On : 21 Aug 2020 06:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 21 08:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	125918	52.17	ug/l	0.00
Spiked Amount						
			Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	131366	49.54	ug/l	0.00
Spiked Amount						
			Recovery	=	99.08%	
50) Toluene-d8	10.32	98	515248	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	185080	50.44	ug/l	0.00
Spiked Amount						
			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	81062	48.164	ug/l	97
3) Chloromethane	2.21	50	86489	48.265	ug/l	99
4) Vinyl Chloride	2.36	62	115603	46.091	ug/l	97
5) Bromomethane	2.78	94	83993	53.859	ug/l	96
6) Chloroethane	2.92	64	71737	50.646	ug/l	99
7) Trichlorofluoromethane	3.26	101	118383	58.302	ug/l	94
8) Diethyl Ether	3.68	74	72587	56.967	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125580	47.165	ug/l	99
10) Methyl Iodide	4.26	142	217933	56.648	ug/l	99
11) Tert butyl alcohol	5.15	59	45786	356.447	ug/l	96
12) 1,1-Dichloroethene	4.04	96	137409	50.712	ug/l	98
13) Acrolein	3.89	56	46674	251.544	ug/l	100
14) Allyl chloride	4.67	41	188861	52.022	ug/l	97
15) Acrylonitrile	5.36	53	143381	298.634	ug/l	99
16) Acetone	4.11	43	114447	247.529	ug/l	99
17) Carbon Disulfide	4.38	76	402561	50.599	ug/l	99
18) Methyl Acetate	4.67	43	77483	71.965	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	217556	65.207	ug/l	98
20) Methylene Chloride	4.92	84	192374	68.843	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	157164	53.264	ug/l	95
22) Diisopropyl ether	6.31	45	381519	55.745	ug/l	98
23) Vinyl Acetate	6.25	43	1031020	263.087	ug/l	100
24) 1,1-Dichloroethane	6.21	63	258414	54.097	ug/l	100
25) 2-Butanone	7.17	43	173237	279.576	ug/l	97
26) 2,2-Dichloropropane	7.16	77	148981	48.282	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	173456	56.952	ug/l	98
28) Bromochloromethane	7.51	49	95873	52.901	ug/l	95
29) Tetrahydrofuran	7.52	42	113026	305.145	ug/l	98
30) Chloroform	7.68	83	268382	54.075	ug/l	96
31) Cyclohexane	7.95	56	206081	46.788	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	226670	54.359	ug/l	98
36) 1,1-Dichloropropene	8.09	75	208952	49.353	ug/l	99
37) Ethyl Acetate	7.25	43	76283	52.551	ug/l	97
38) Carbon Tetrachloride	8.07	117	210016	49.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252631	49.538	ug/l	98
40) Benzene	8.32	78	598902	50.283	ug/l	97
41) Methacrylonitrile	7.48	41	45770	55.247	ug/l	98
42) 1,2-Dichloroethane	8.40	62	166187	52.830	ug/l	99
43) Isopropyl Acetate	8.42	43	148710	54.454	ug/l	99
44) Trichloroethene	9.09	130	170729	50.612	ug/l	90
45) 1,2-Dichloropropane	9.37	63	141380	50.356	ug/l	99
46) Dibromomethane	9.46	93	78152	53.020	ug/l	96
47) Bromodichloromethane	9.65	83	203121	53.336	ug/l	96
48) Methyl methacrylate	9.44	41	71707	56.482	ug/l	96
49) 1,4-Dioxane	9.45	88	24074	1297.034	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	386547	279.857	ug/l	98
52) Toluene	10.39	92	392305	51.437	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	192561	54.609	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230542	52.605	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	112441	53.164	ug/l	98
56) Ethyl methacrylate	10.65	69	145369	60.271	ug/l	99
57) 1,3-Dichloropropane	10.93	76	193497	53.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285251	259.397	ug/l	100
59) 2-Hexanone	10.97	43	265026	280.477	ug/l	98
60) Dibromochloromethane	11.13	129	138701	55.127	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110296	54.173	ug/l	98
64) Tetrachloroethene	10.87	164	147070	57.440	ug/l	95
65) Chlorobenzene	11.66	112	420506	52.576	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	154591	55.297	ug/l	99
67) Ethyl Benzene	11.73	91	752848	52.374	ug/l	99
68) m/p-Xylenes	11.84	106	577112	104.454	ug/l	100
69) o-Xylene	12.17	106	270598	54.974	ug/l	99
70) Styrene	12.18	104	464129	54.490	ug/l	99
71) Bromoform	12.35	173	74482	59.530	ug/l #	100
73) Isopropylbenzene	12.46	105	740745	56.660	ug/l	99
74) N-amyl acetate	12.27	43	129469	55.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	123675	56.535	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	150716	95.523	ug/l	33
77) Bromobenzene	12.75	156	164156	56.769	ug/l	94
78) n-propylbenzene	12.80	91	840845	53.883	ug/l	100
79) 2-Chlorotoluene	12.90	91	502956	55.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	622546	55.472	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	36550	55.565	ug/l	95
82) 4-Chlorotoluene	12.99	91	508812	54.219	ug/l	100
83) tert-Butylbenzene	13.21	119	531325	57.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	618036	55.652	ug/l	100
85) sec-Butylbenzene	13.38	105	725829	54.296	ug/l	100
86) p-Isopropyltoluene	13.50	119	667718	55.225	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	309282	53.407	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	308261	54.059	ug/l	97
89) n-Butylbenzene	13.82	91	587095	52.487	ug/l	99
90) Hexachloroethane	14.10	117	126089	55.881	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	270803	53.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19635	58.389	ug/l	94

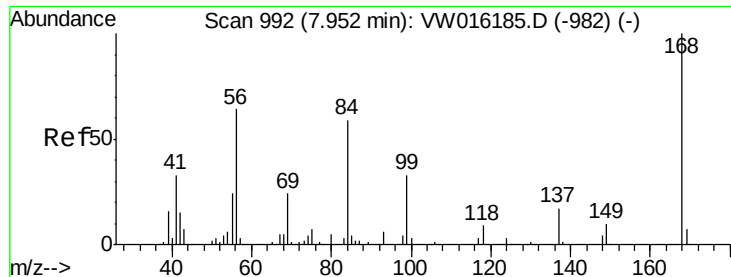
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170837	56.742	ug/l	97
94) Hexachlorobutadiene	15.24	225	95111	53.135	ug/l	96
95) Naphthalene	15.37	128	353356	55.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	157652	60.973	ug/l	96

(#) = 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: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

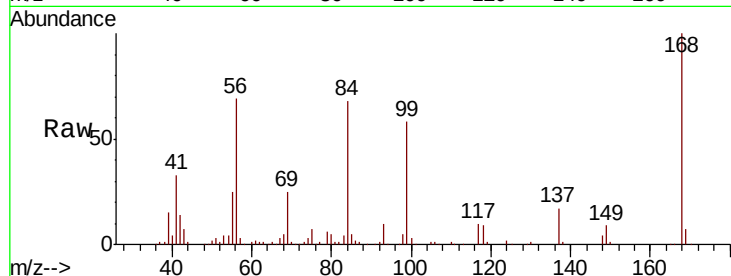
VSTDCCC050EC

Tot Ion:168 Resp: 247492

Ion Ratio Lower Upper

168 100

99 57.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

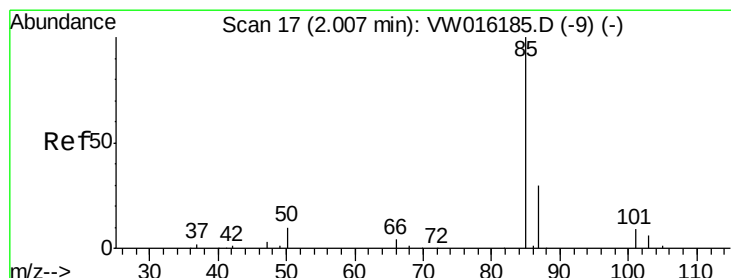
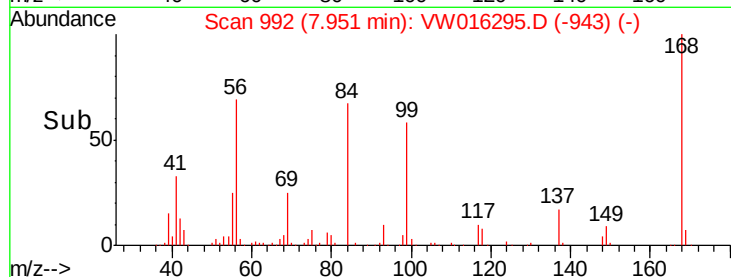
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.164 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW016295.D

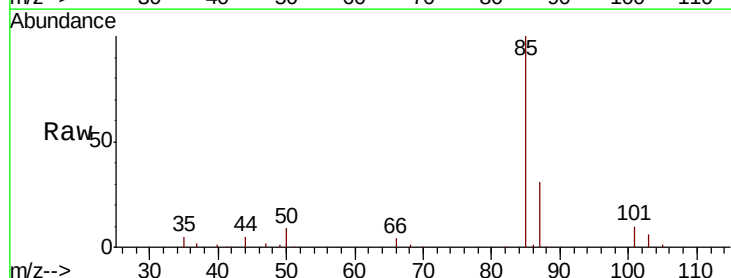
Acq: 21 Aug 2020 06:15

Tgt Ion: 85 Resp: 81062

Ion Ratio Lower Upper

85 100

87 31.3 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

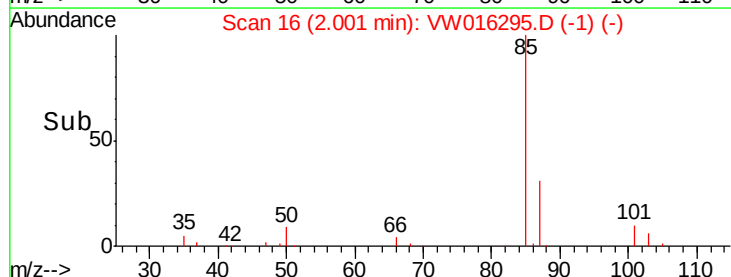
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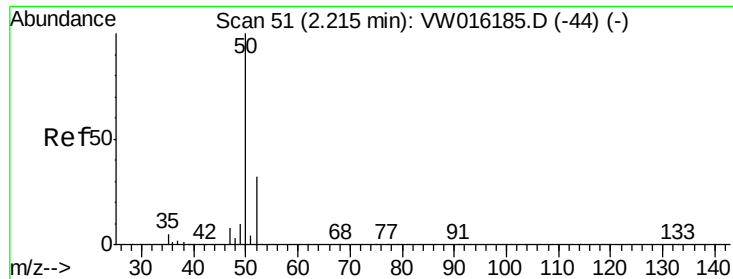
20000

10000

0

Time-->





#3

Chloromethane

Concen: 48.265 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

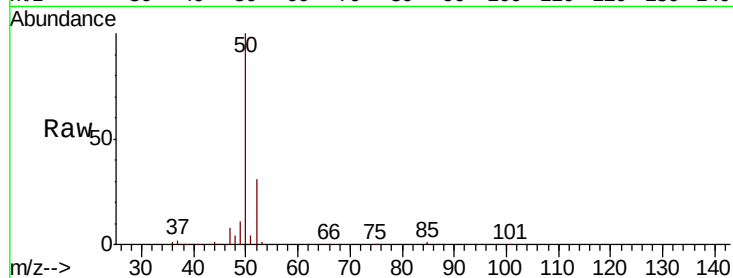
VSTDCCC050EC

Tot Ion: 50 Resp: 86489

Ion Ratio Lower Upper

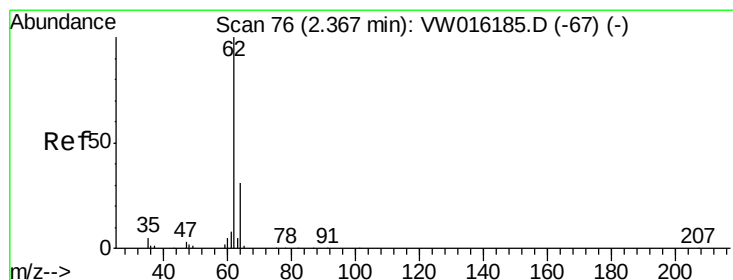
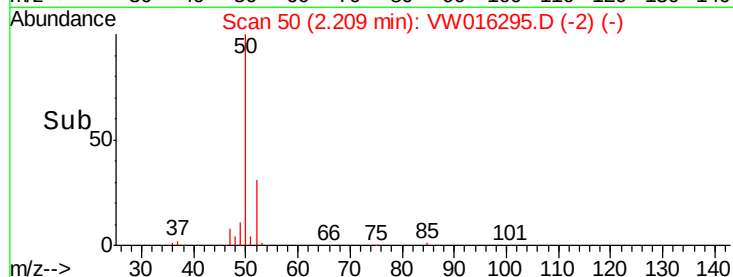
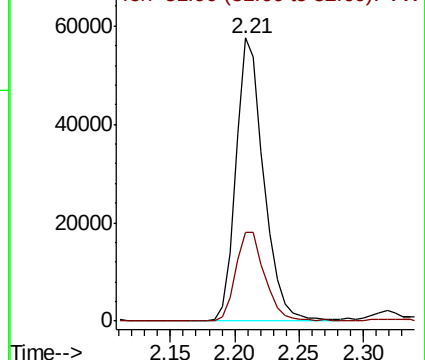
50 100

52 31.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 46.091 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016295.D

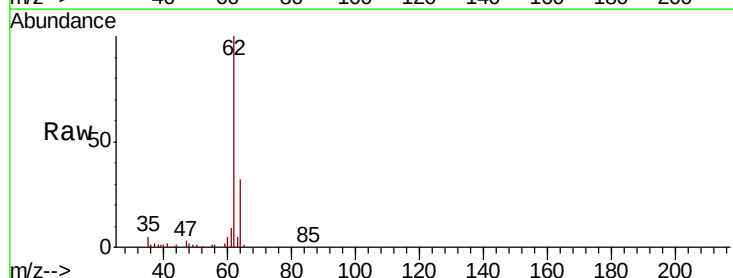
Acq: 21 Aug 2020 06:15

Tgt Ion: 62 Resp: 115603

Ion Ratio Lower Upper

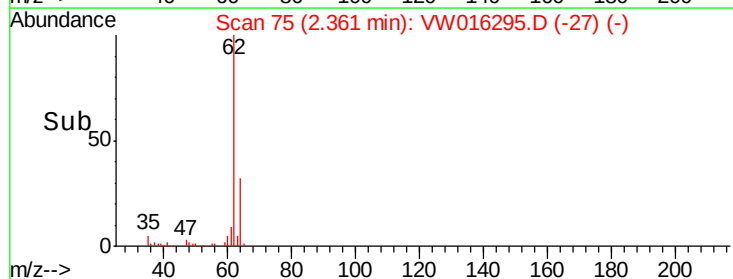
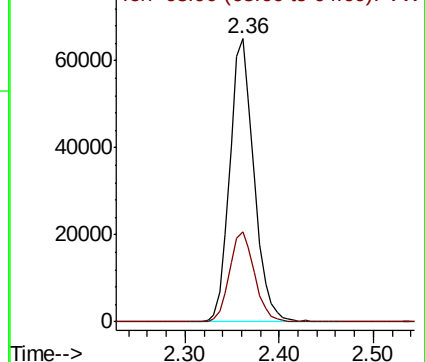
62 100

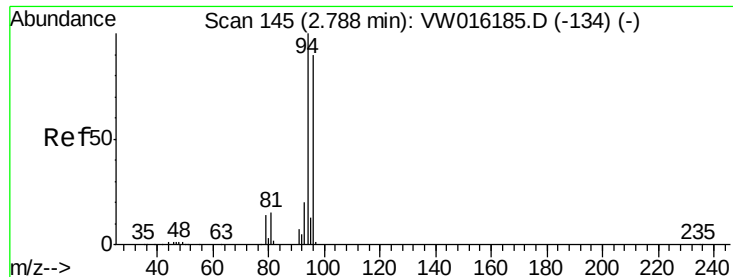
64 32.0 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.859 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

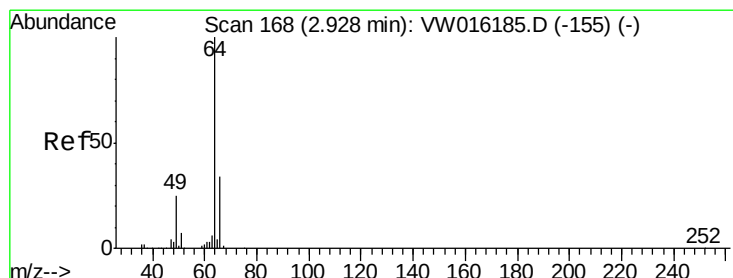
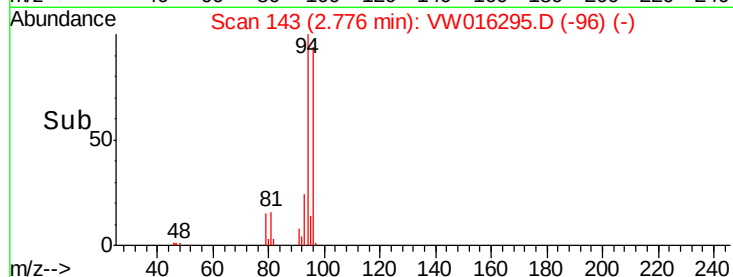
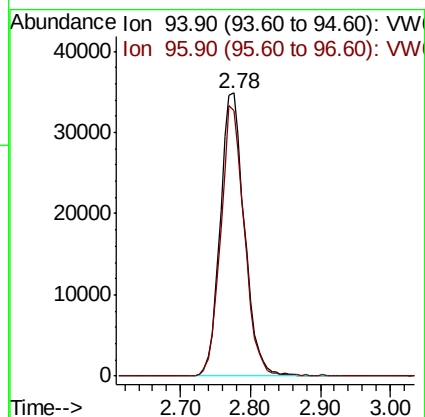
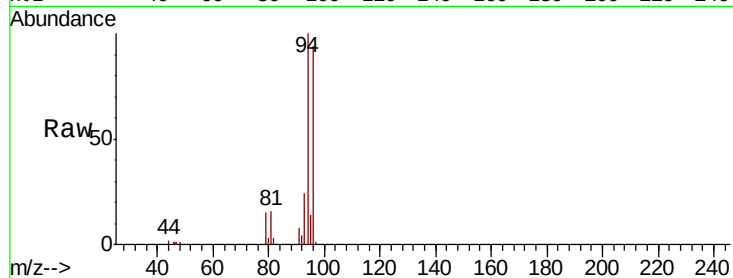
VSTDCCC050EC

Tot Ion: 94 Resp: 83993

Ion Ratio Lower Upper

94 100

96 93.8 71.8 107.6



#6

Chloroethane

Concen: 50.646 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016295.D

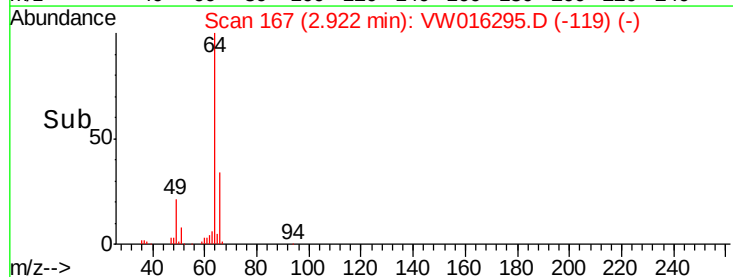
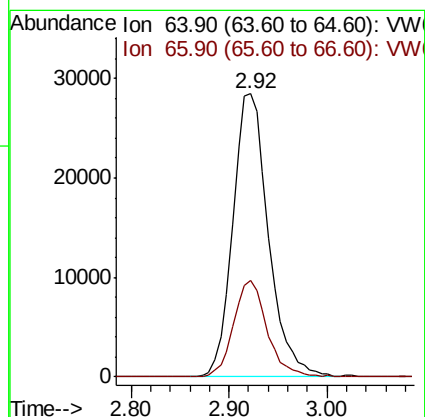
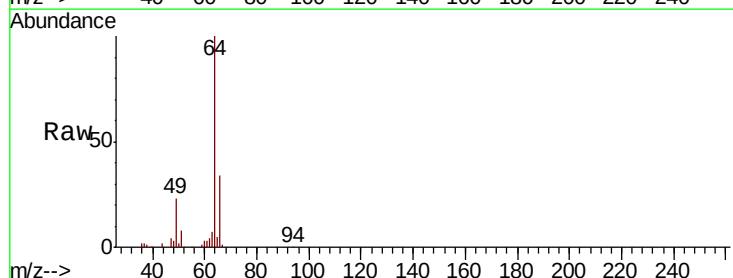
Acq: 21 Aug 2020 06:15

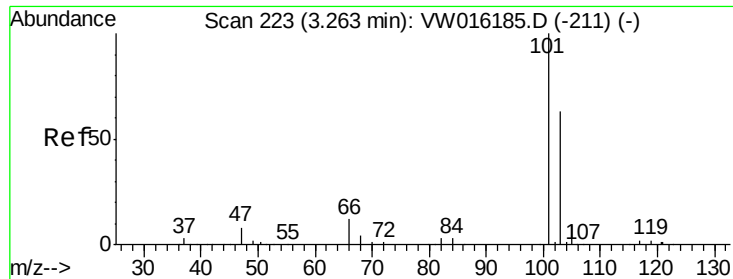
Tgt Ion: 64 Resp: 71737

Ion Ratio Lower Upper

64 100

66 34.0 26.9 40.3



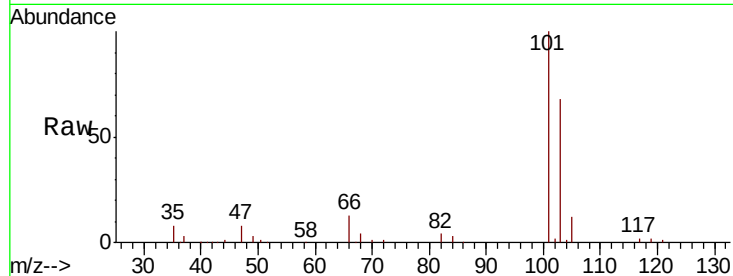


#7

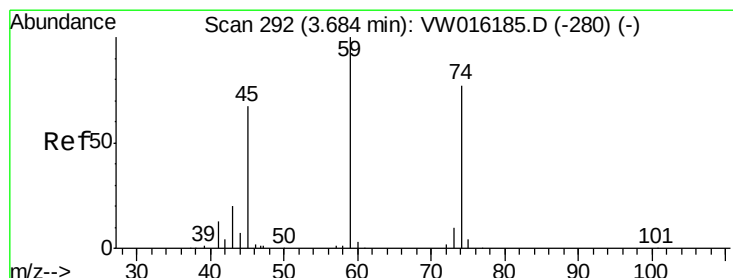
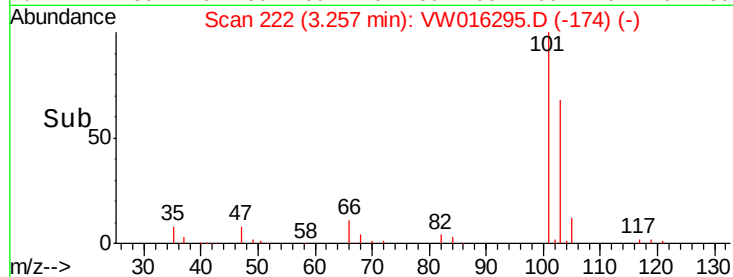
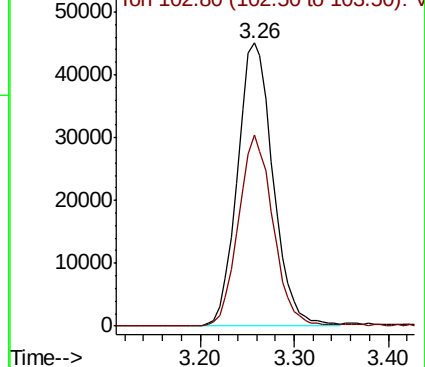
Trichlorofluoromethane
Concen: 58.302 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016295.D
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Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 118383
Ion Ratio Lower Upper
101 100
103 67.6 50.4 75.6



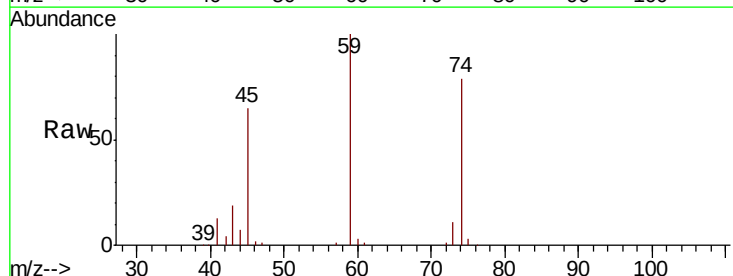
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



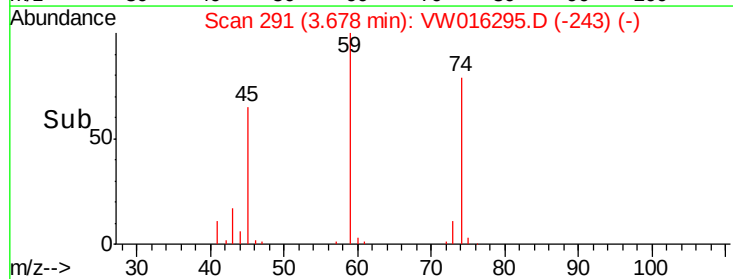
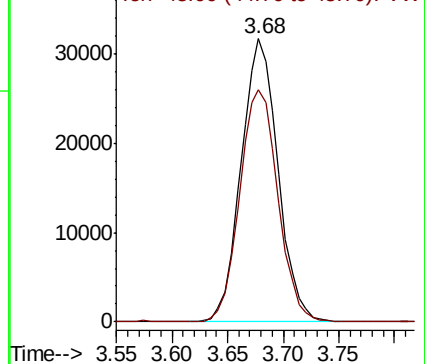
#8

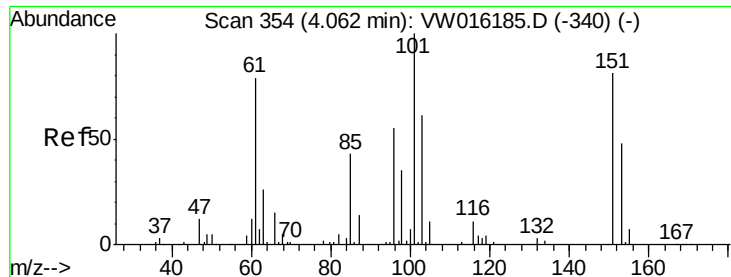
Diethyl Ether
Concen: 56.967 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 74 Resp: 72587
Ion Ratio Lower Upper
74 100
45 85.4 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: 47.165 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

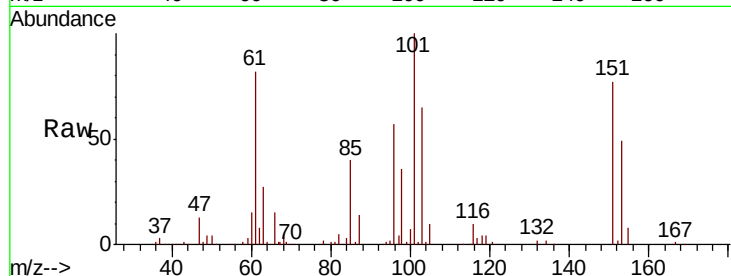
Tot Ion:101 Resp: 125580

Ion Ratio Lower Upper

101 100

85 41.2 33.3 49.9

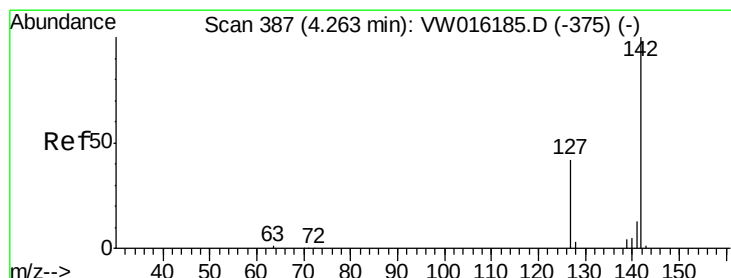
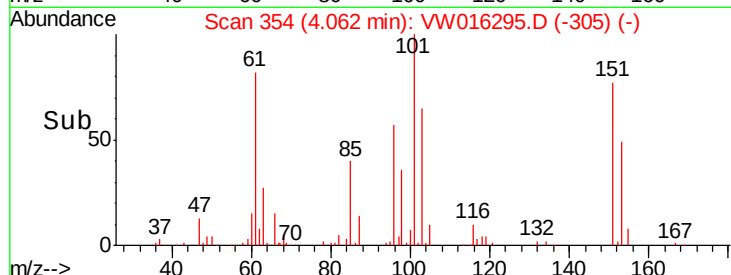
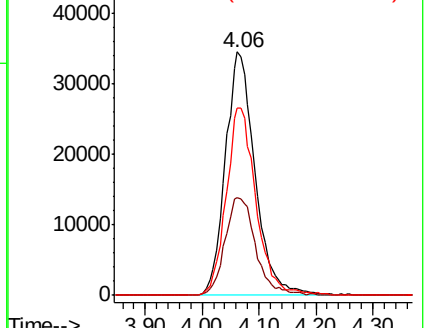
151 77.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.648 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

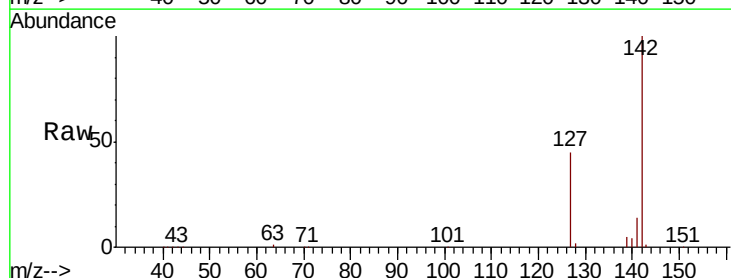
Tgt Ion:142 Resp: 217933

Ion Ratio Lower Upper

142 100

127 42.9 34.6 52.0

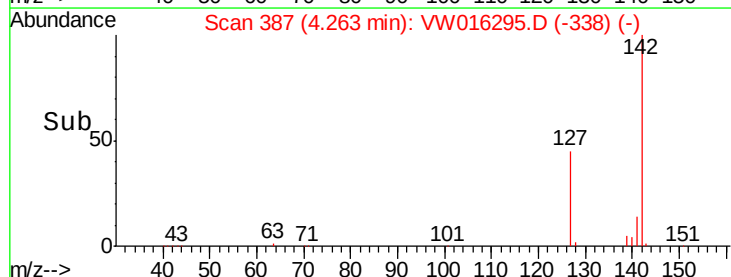
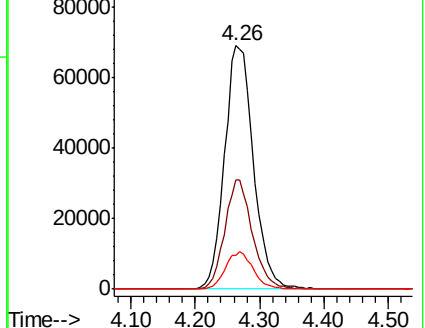
141 14.7 11.4 17.2

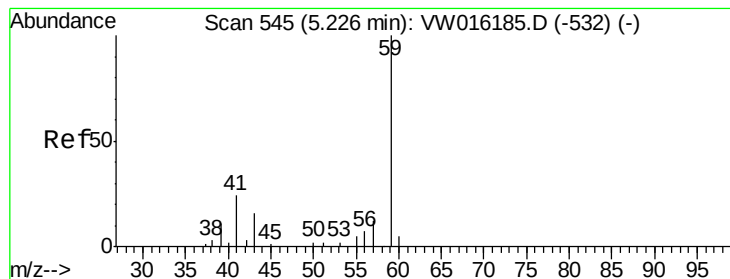


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



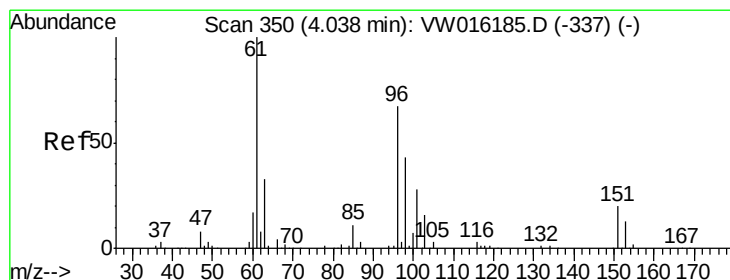
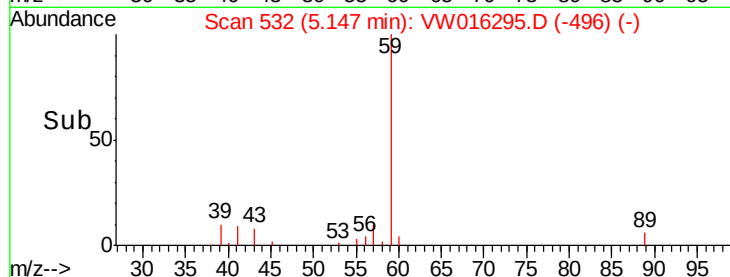
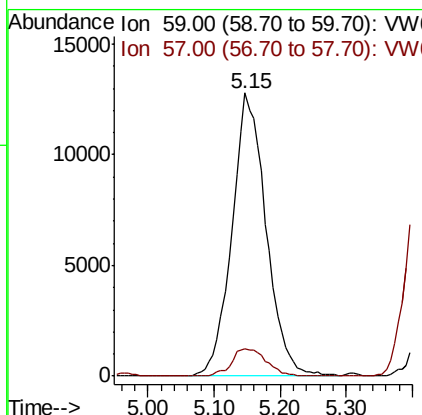
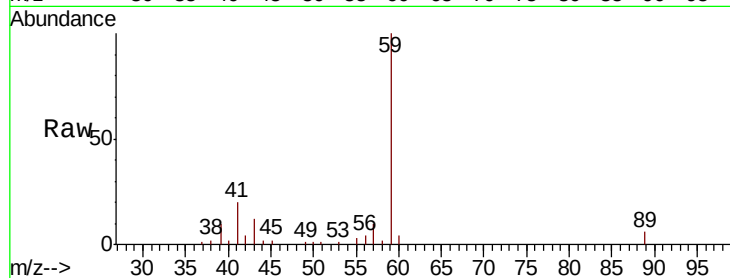


#11

Tert butyl alcohol
 Concen: 356.447 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

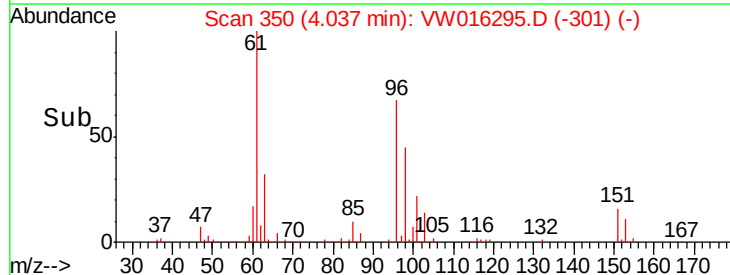
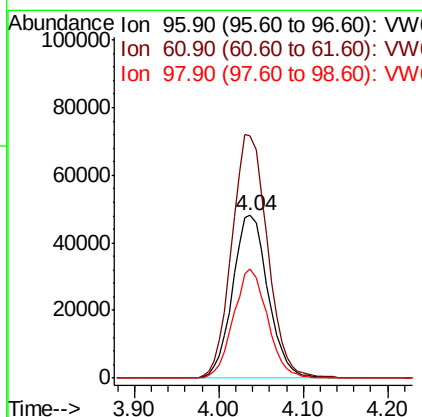
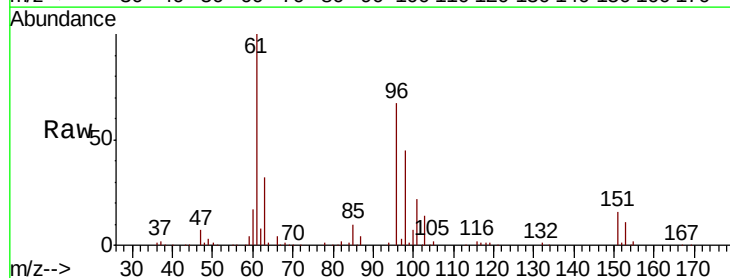
Tot Ion: 59 Resp: 45786
 Ion Ratio Lower Upper
 59 100
 57 9.8 9.0 13.6

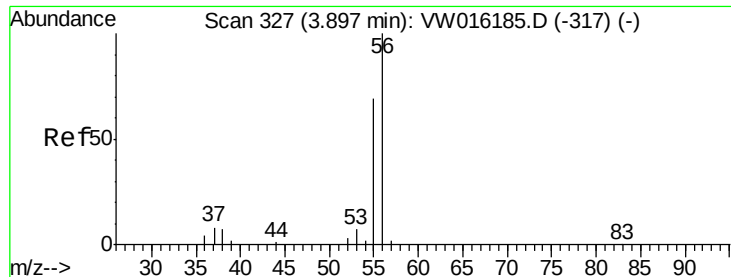


#12

1,1-Dichloroethene
 Concen: 50.712 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 96 Resp: 137409
 Ion Ratio Lower Upper
 96 100
 61 148.4 119.5 179.3
 98 66.9 51.3 76.9

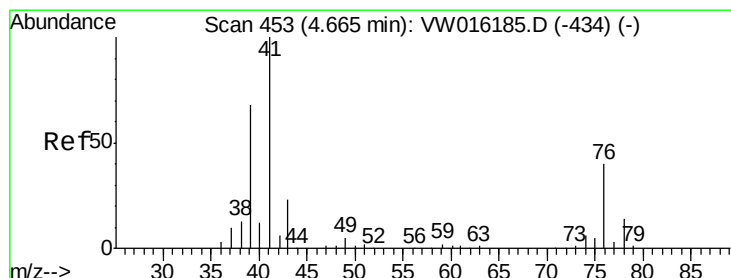
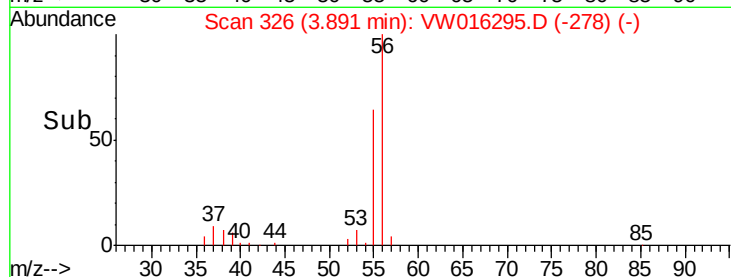
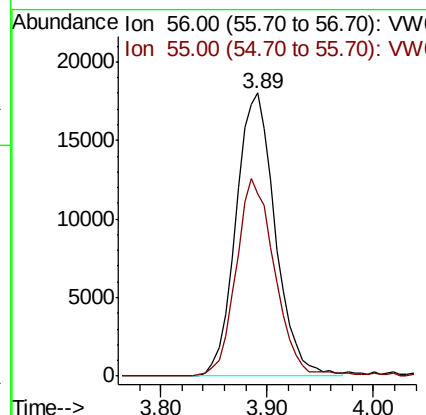
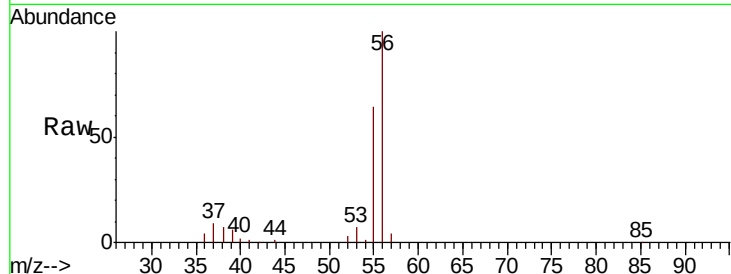




#13
 Acrolein
 Concen: 251.544 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

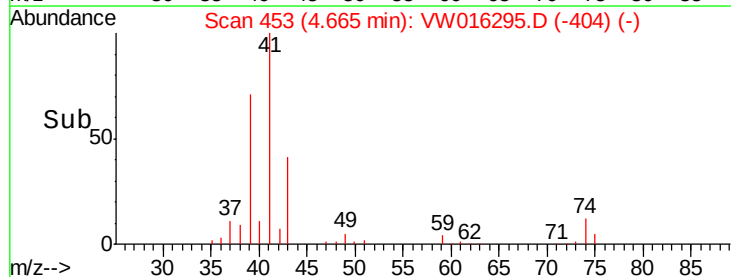
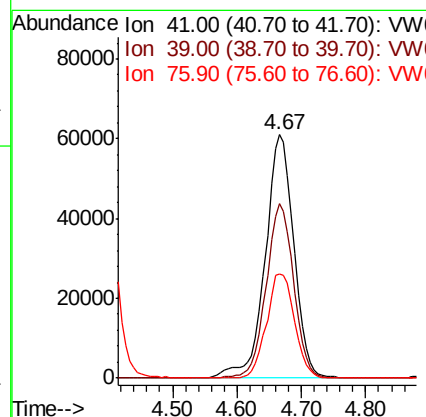
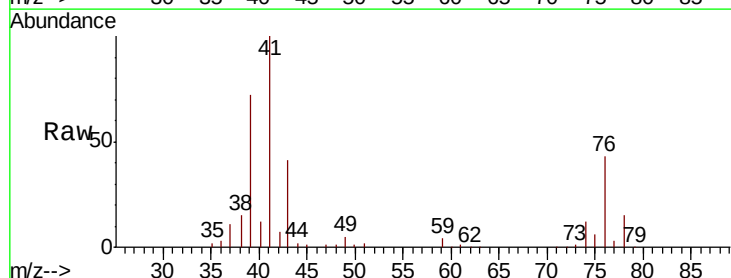
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

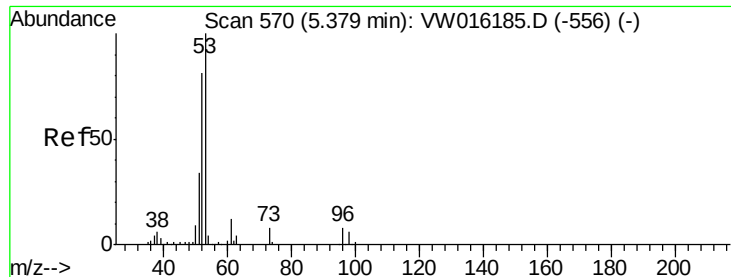
Tot Ion: 56 Resp: 46674
 Ion Ratio Lower Upper
 56 100
 55 68.9 55.0 82.6



#14
 Allyl chloride
 Concen: 52.022 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 41 Resp: 188861
 Ion Ratio Lower Upper
 41 100
 39 68.9 53.4 80.0
 76 41.9 32.0 48.0





#15

Acrylonitrile

Concen: 298.634 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.02 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

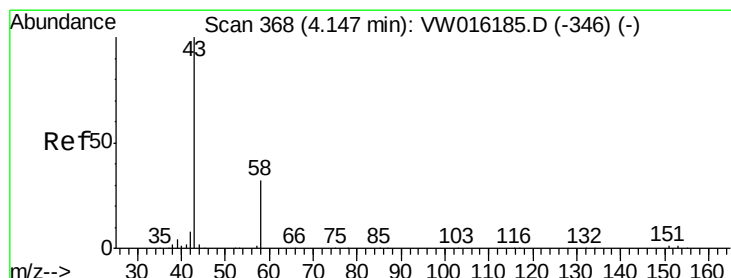
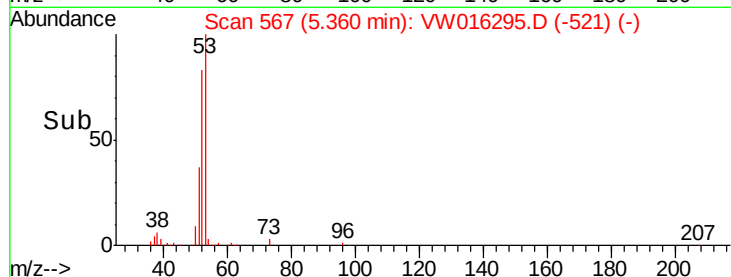
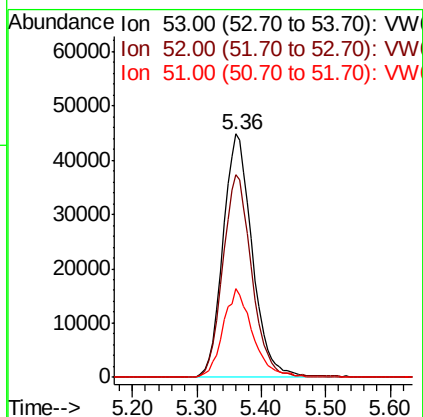
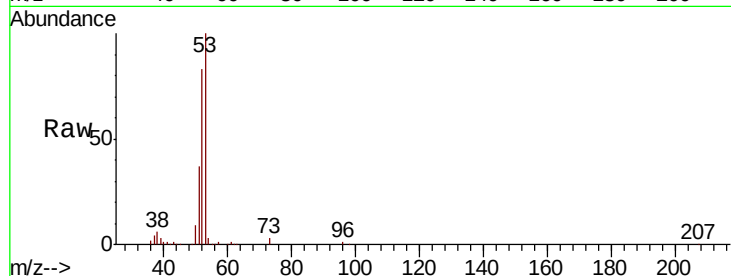
Tot Ion: 53 Resp: 143381

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

51 36.8 29.0 43.4



#16

Acetone

Concen: 247.529 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.04 min

Lab File: VW016295.D

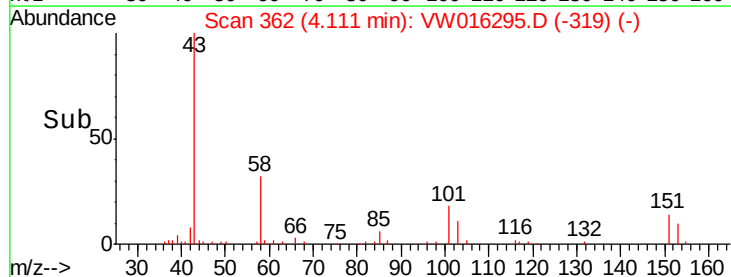
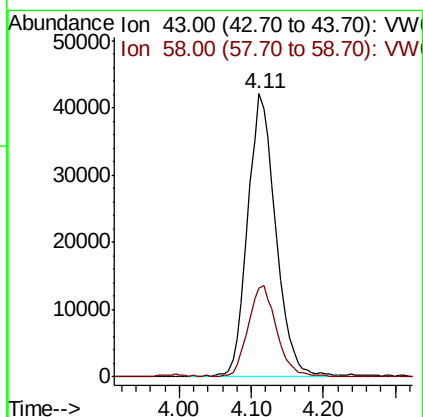
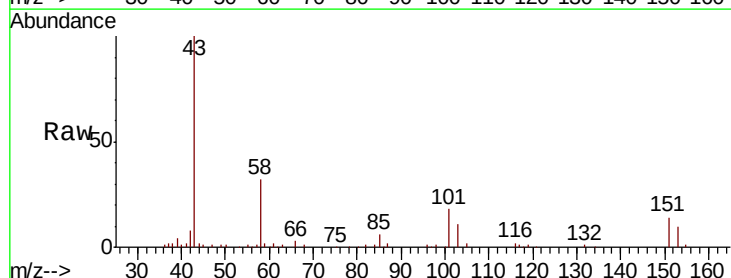
Acq: 21 Aug 2020 06:15

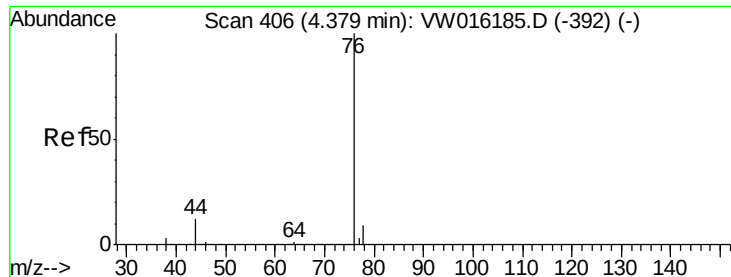
Tgt Ion: 43 Resp: 114447

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.6

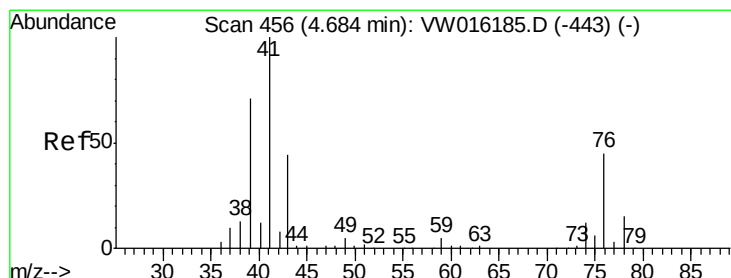
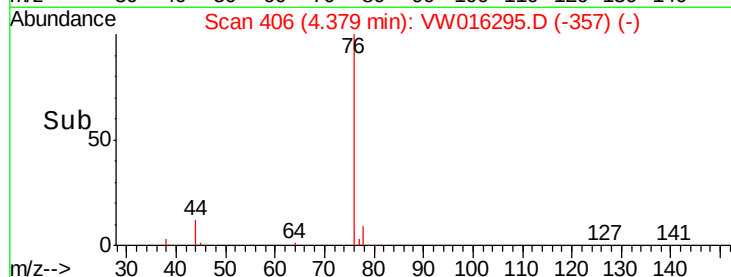
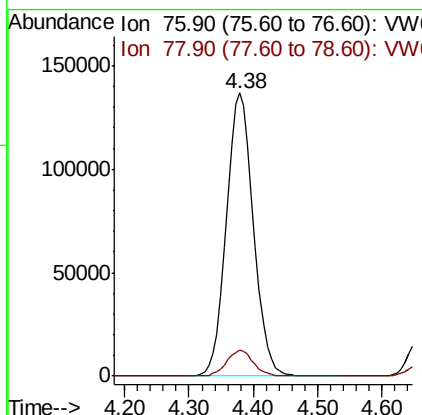
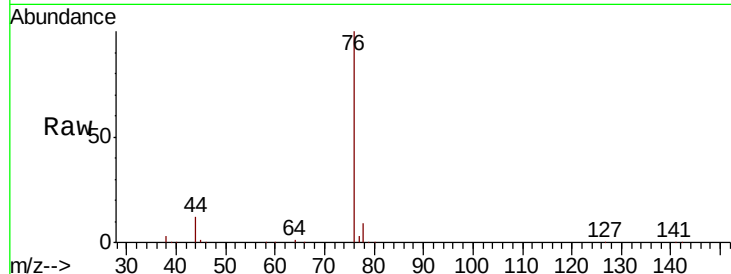




#17
Carbon Disulfide
Concen: 50.599 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

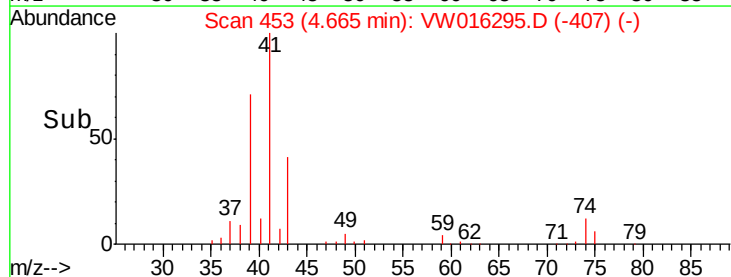
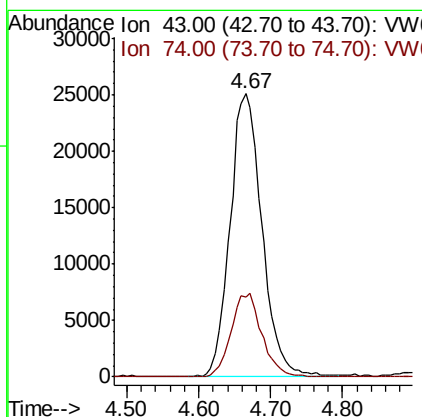
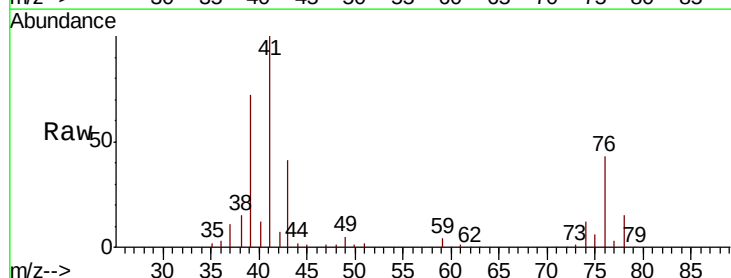
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

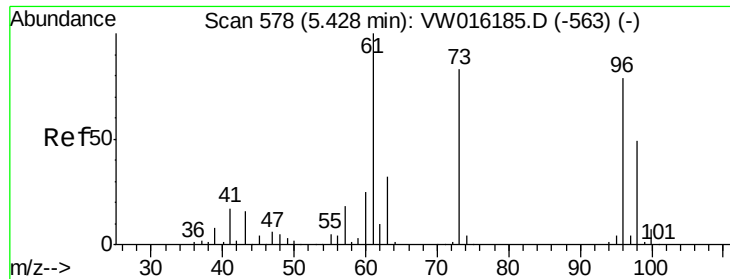
Tot Ion: 76 Resp: 402561
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 71.965 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 43 Resp: 77483
Ion Ratio Lower Upper
43 100
74 28.3 20.6 31.0

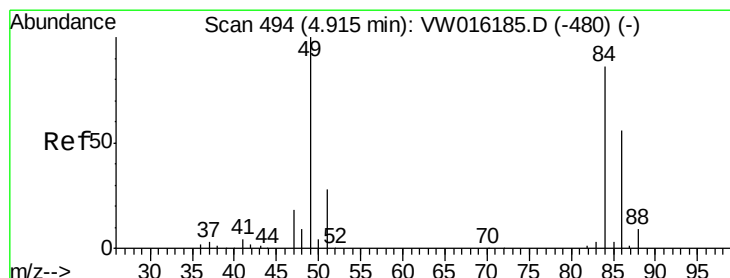
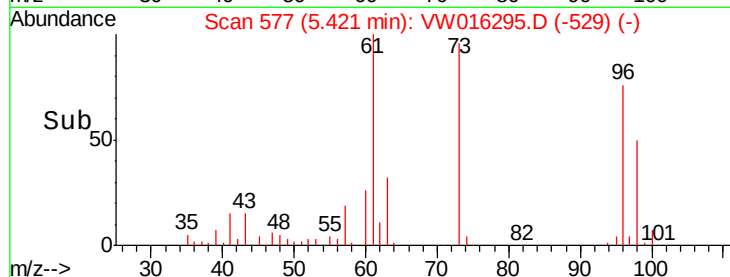
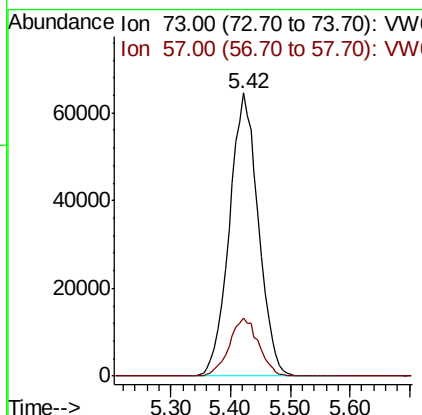
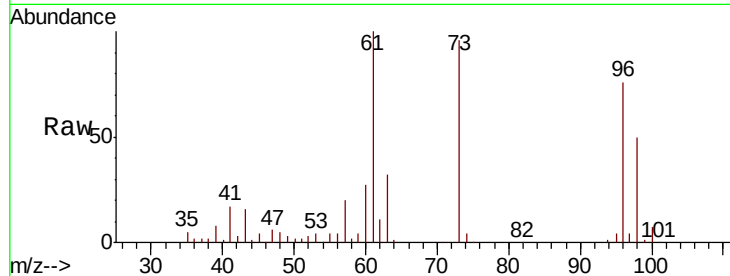




#19
Methyl tert-butyl Ether
Concen: 65.207 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

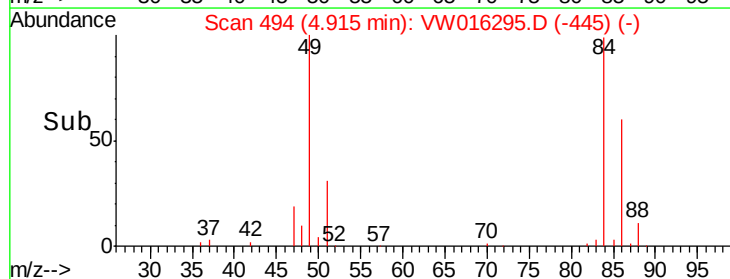
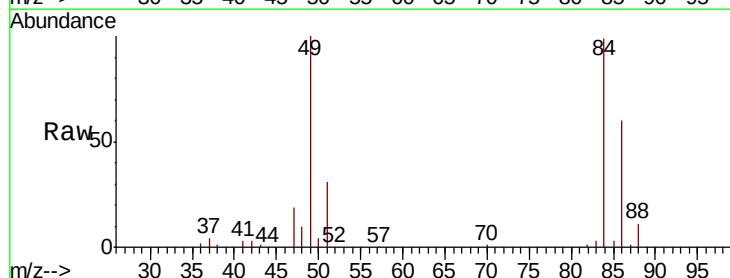
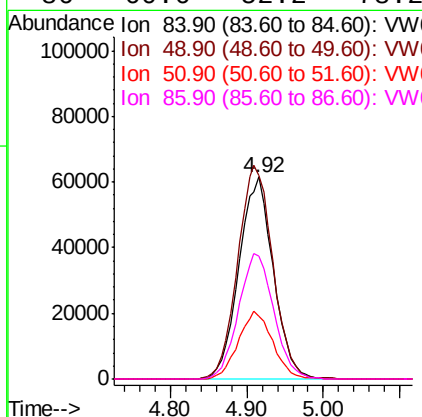
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

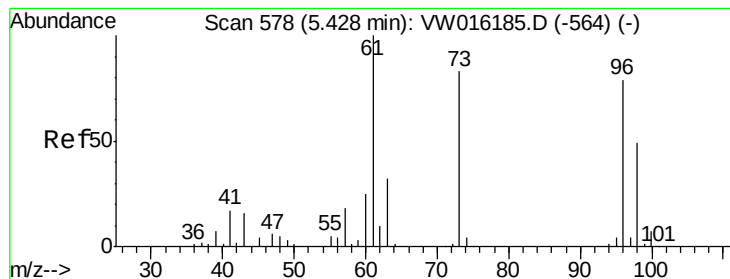
Tot Ion: 73 Resp: 217556
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 68.843 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 84 Resp: 192374
Ion Ratio Lower Upper
84 100
49 100.9 93.4 140.2
51 31.0 26.6 40.0
86 60.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 53.264 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

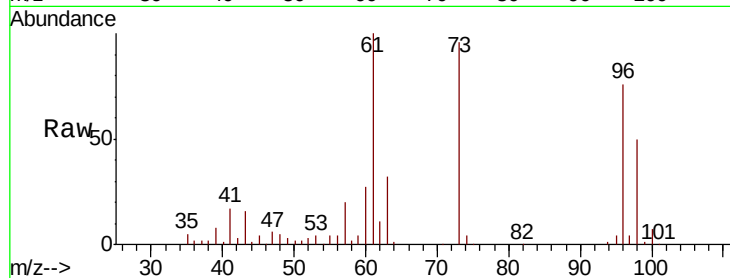
Tot Ion: 96 Resp: 157164

Ion Ratio Lower Upper

96 100

61 131.7 101.4 152.0

98 66.0 49.4 74.0

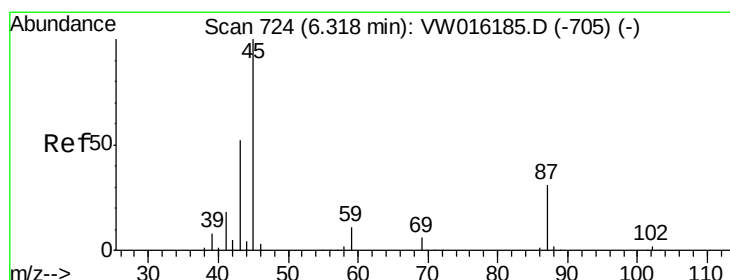
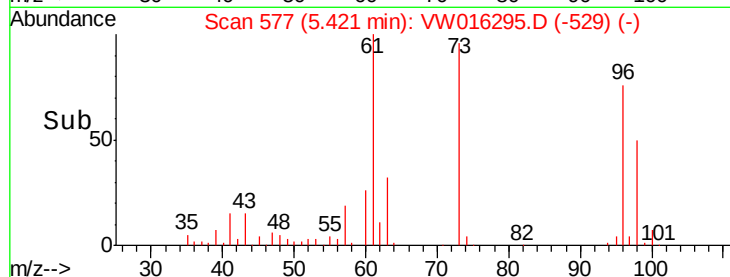
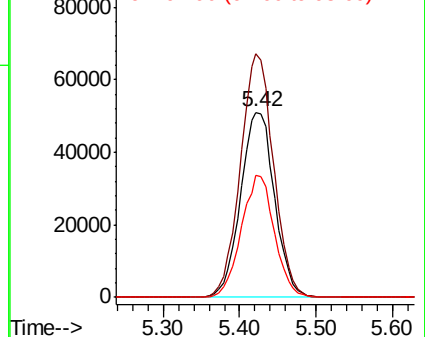


Abundance

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: 55.745 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion: 45 Resp: 381519

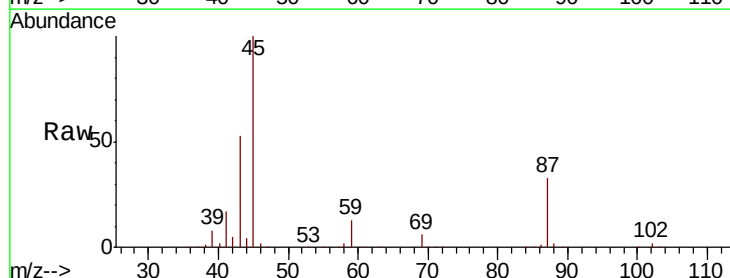
Ion Ratio Lower Upper

45 100

43 52.5 41.7 62.5

87 32.8 25.0 37.6

59 12.6 9.2 13.8



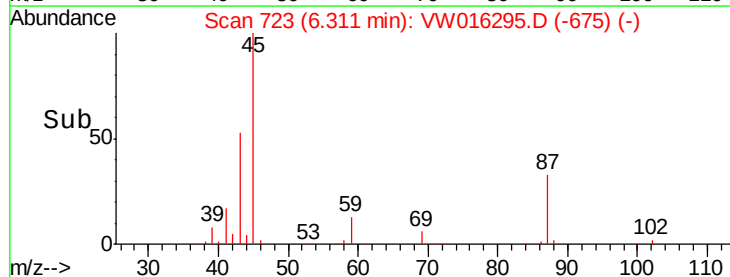
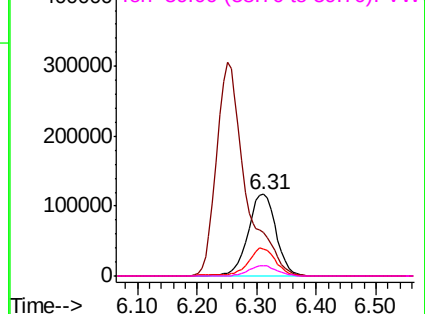
Abundance

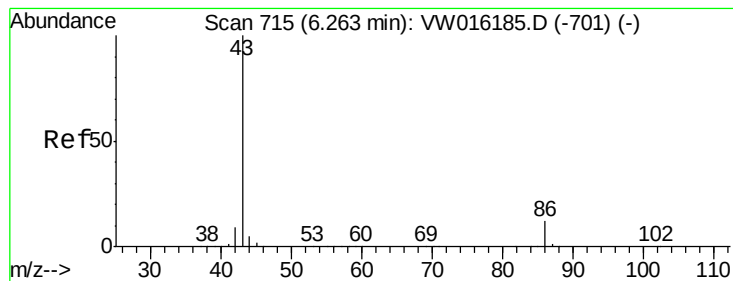
Ion 45.00 (44.70 to 45.70): VW

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: 263.087 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

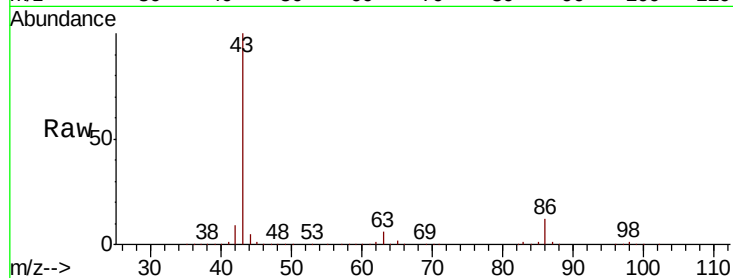
VSTDCCC050EC

Tot Ion: 43 Resp: 1031020

Ion Ratio Lower Upper

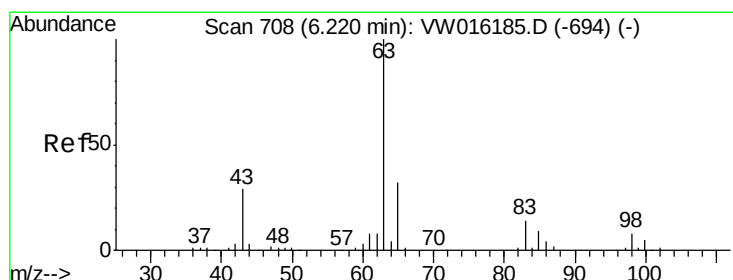
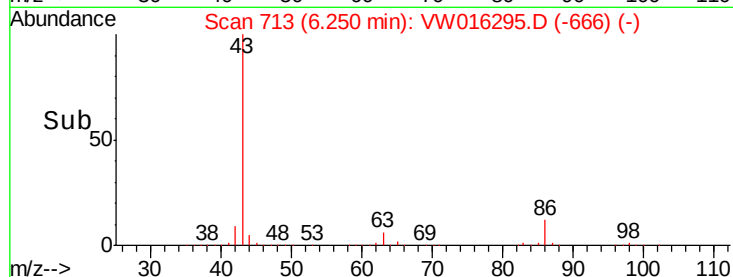
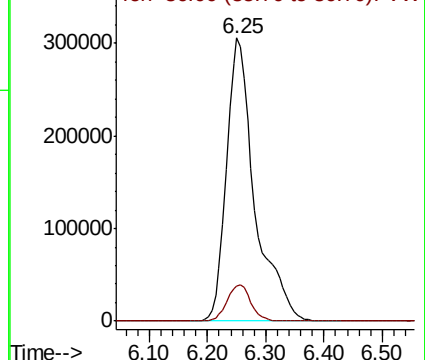
43 100

86 12.5 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: 54.097 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

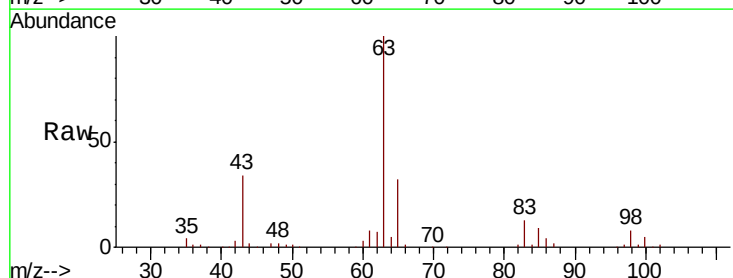
Tgt Ion: 63 Resp: 258414

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

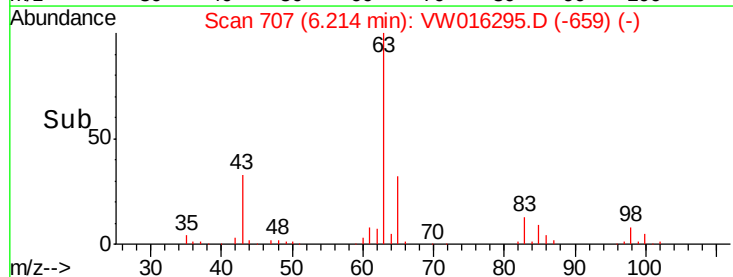
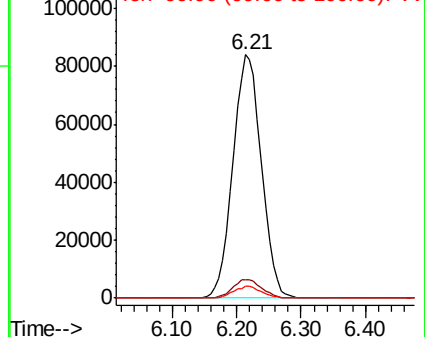
100 5.0 2.6 8.0

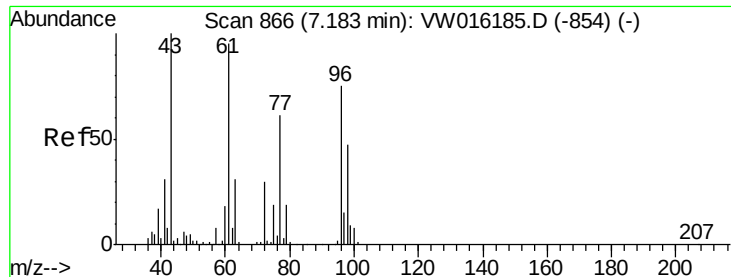


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

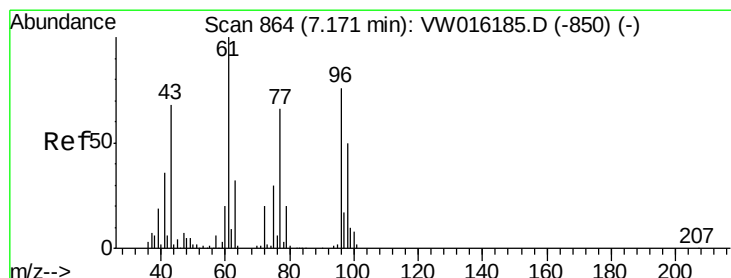
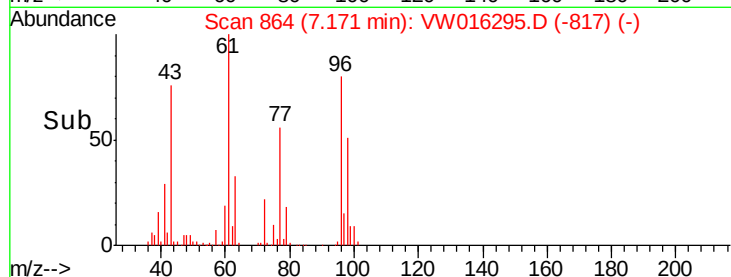
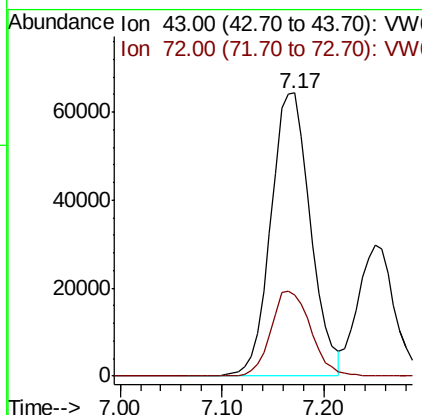
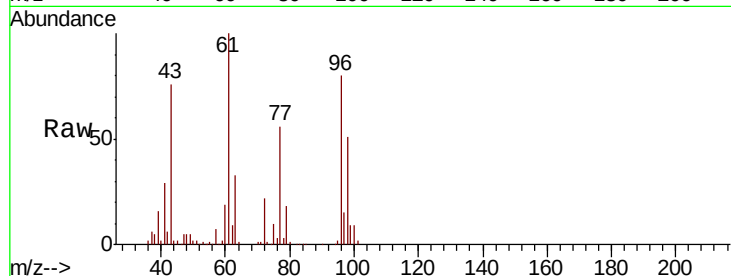




#25
2-Butanone
Concen: 279.576 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

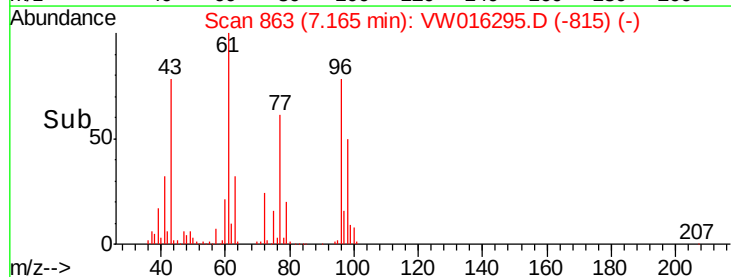
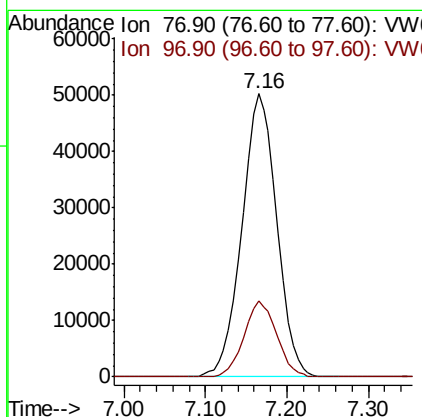
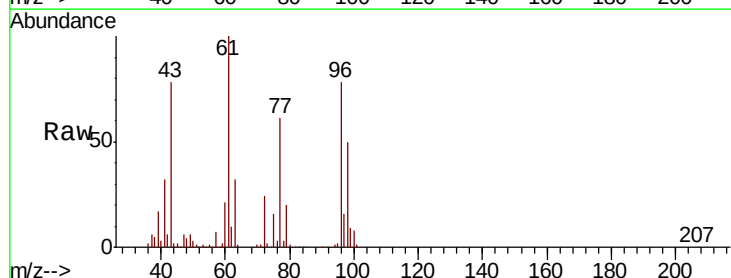
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

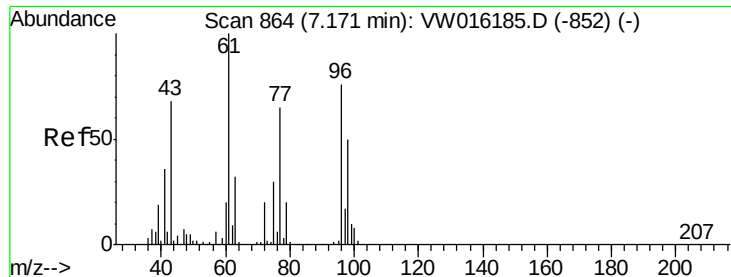
Tot Ion: 43 Resp: 173237
Ion Ratio Lower Upper
43 100
72 28.6 24.2 36.2



#26
2,2-Dichloropropane
Concen: 48.282 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 77 Resp: 148981
Ion Ratio Lower Upper
77 100
97 25.2 12.1 36.3



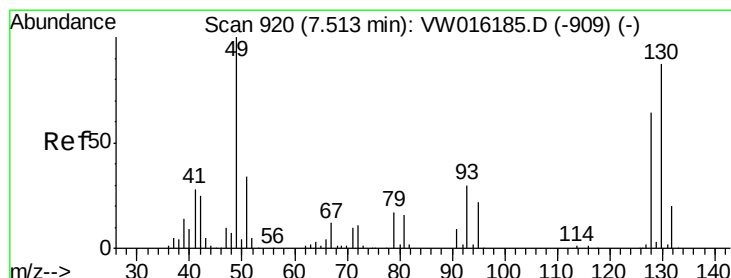
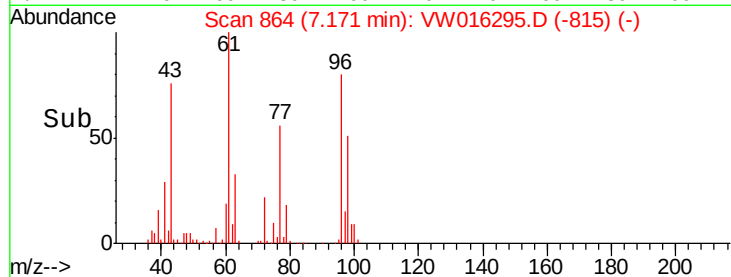
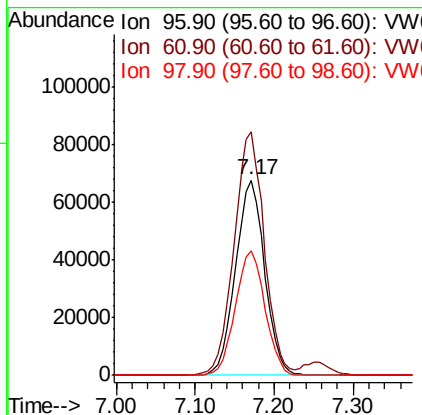
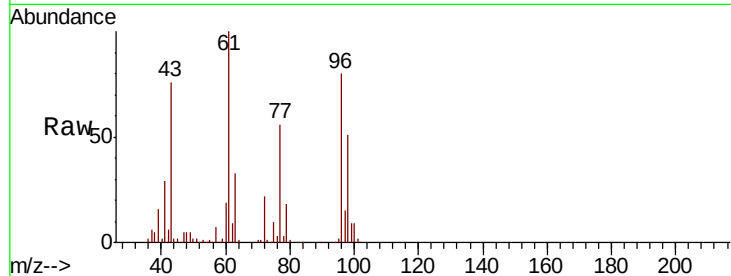


#27

cis-1,2-Dichloroethene
 Concen: 56.952 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

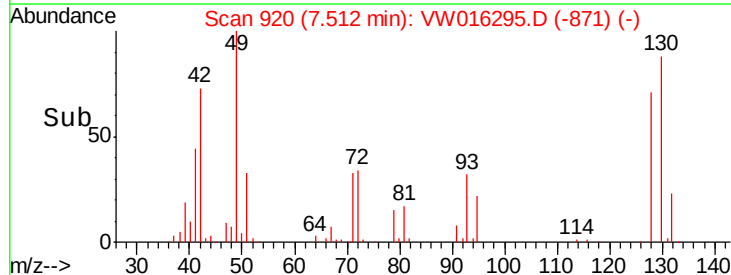
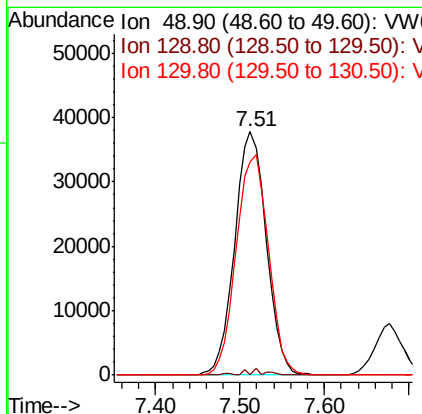
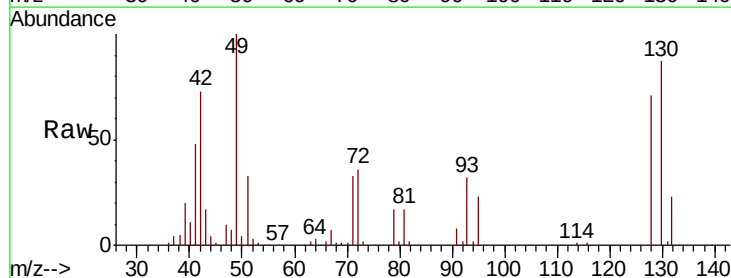
Tot Ion	96	Resp	173456
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	267.0
98	64.8	0.0	129.6

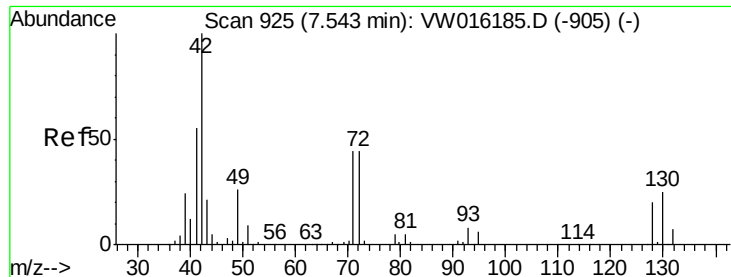


#28

Bromochloromethane
 Concen: 52.901 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	49	Resp	95873
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.2
130	92.5	69.9	104.9

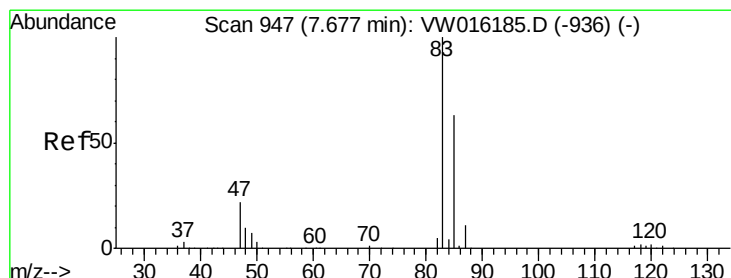
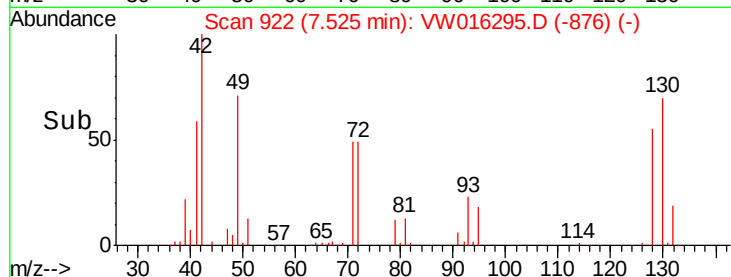
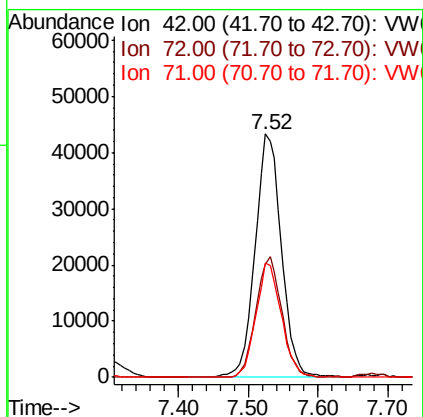
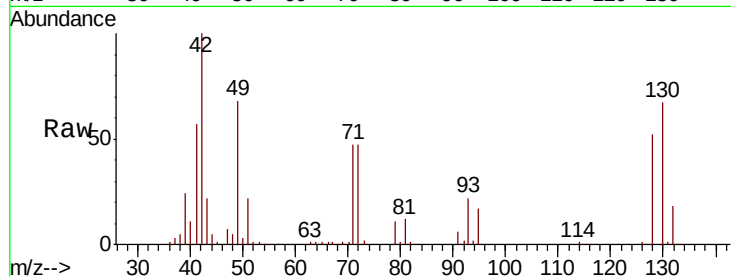




#29
Tetrahydrofuran
Concen: 305.145 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

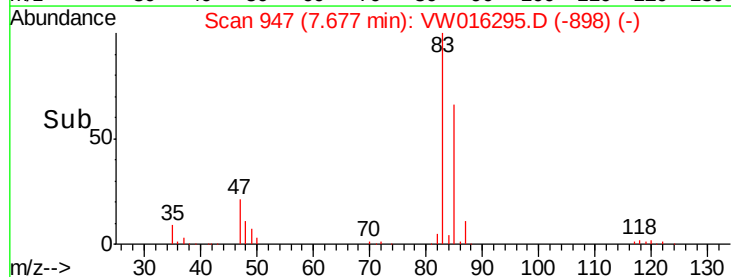
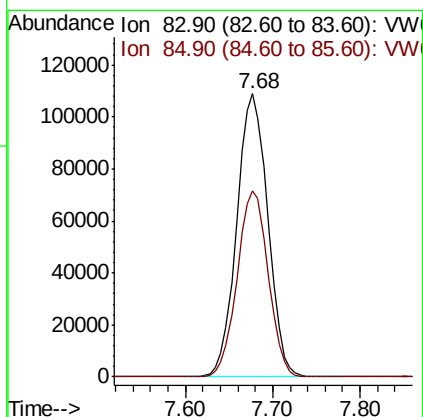
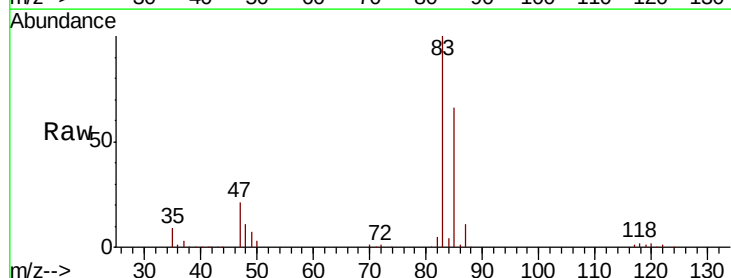
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

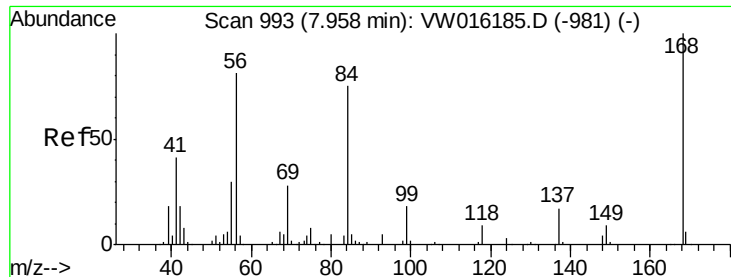
Tot Ion: 42 Resp: 113026
Ion Ratio Lower Upper
42 100
72 48.7 37.4 56.2
71 45.3 35.6 53.4



#30
Chloroform
Concen: 54.075 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 83 Resp: 268382
Ion Ratio Lower Upper
83 100
85 65.6 50.0 75.0

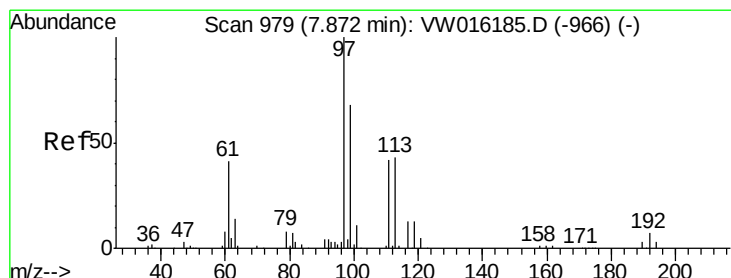
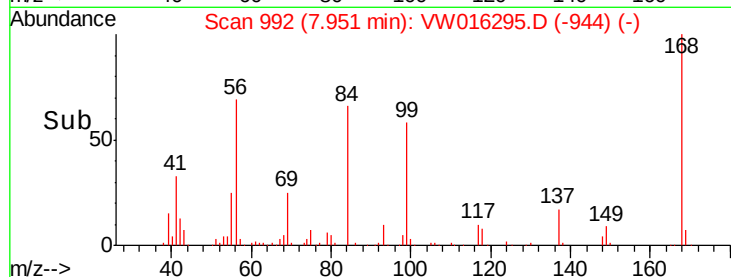
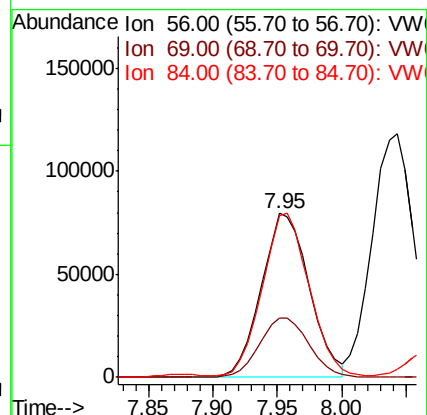
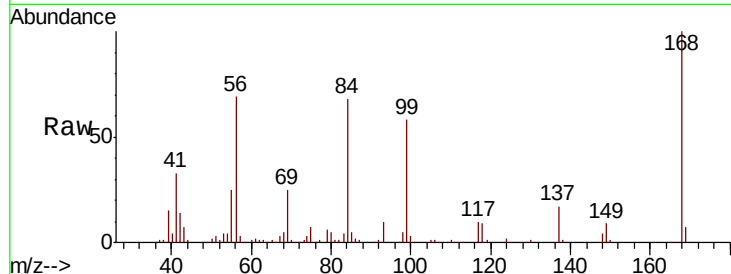




#31
Cyclohexane
Concen: 46.788 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

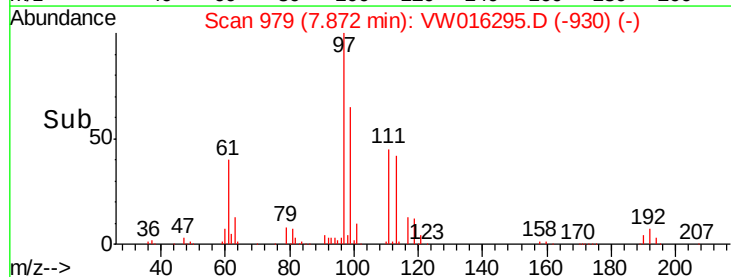
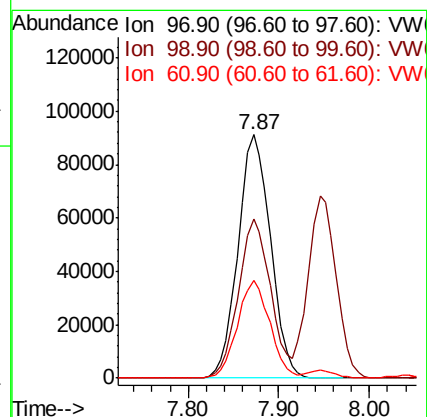
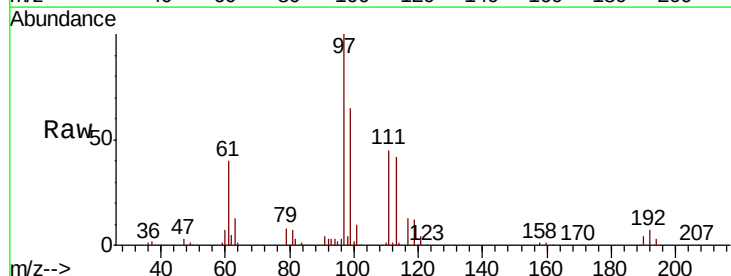
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

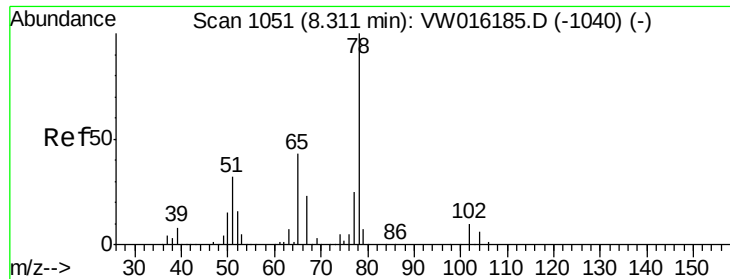
Tot Ion: 56 Resp: 206081
Ion Ratio Lower Upper
56 100
69 35.9 27.3 40.9
84 97.3 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 54.359 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 97 Resp: 226670
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 39.9 33.2 49.8

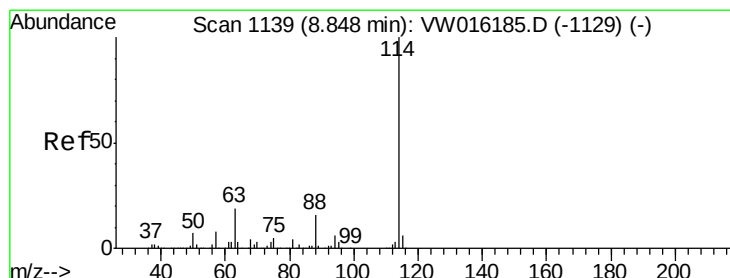
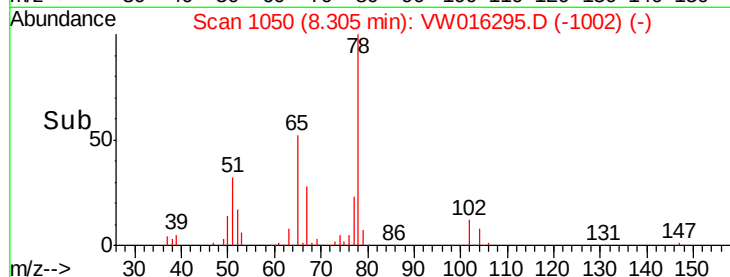
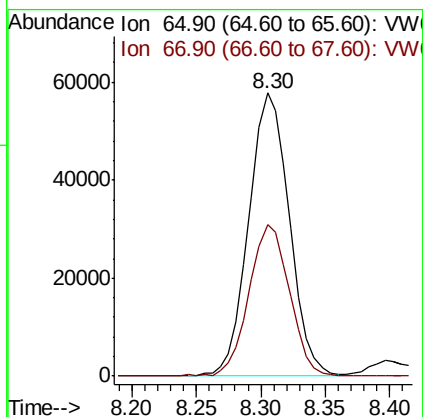
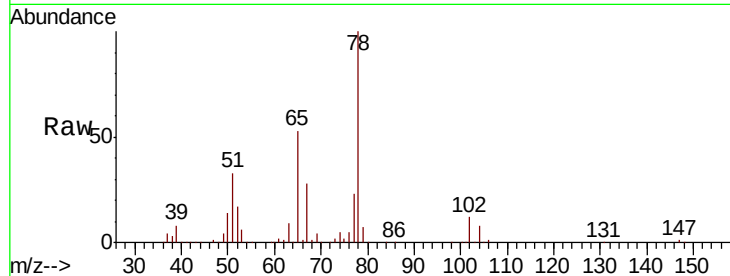




#33
 1,2-Dichloroethane-d4
 Concen: 52.172 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

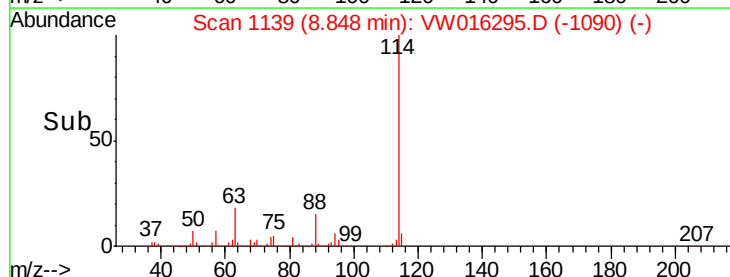
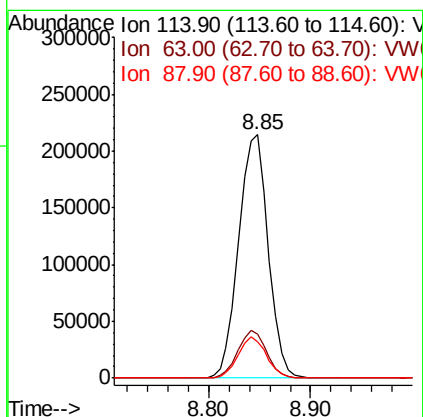
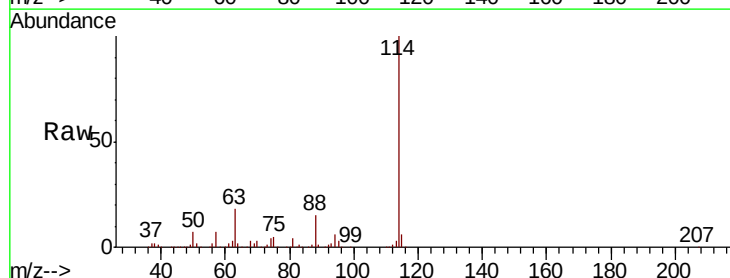
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

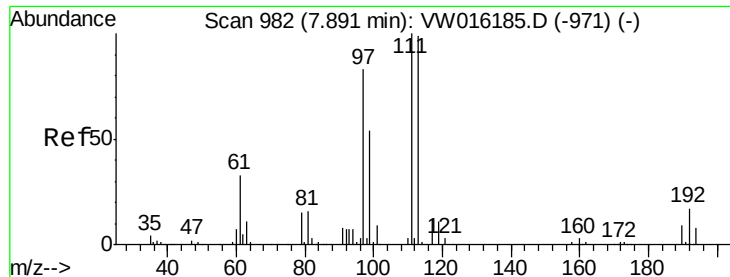
Tot Ion: 65 Resp: 125918
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 114 Resp: 429768
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.540 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

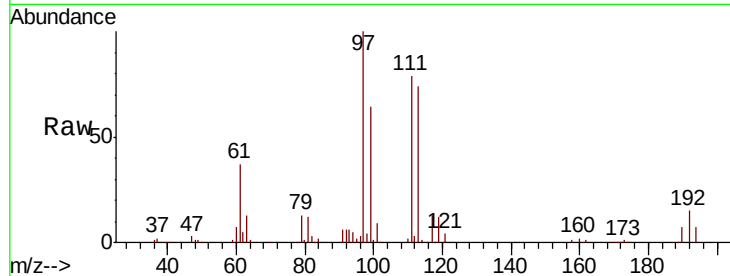
Tot Ion:113 Resp: 131366

Ion Ratio Lower Upper

113 100

111 103.5 83.5 125.3

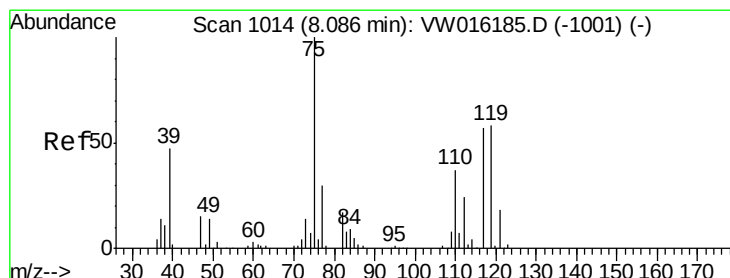
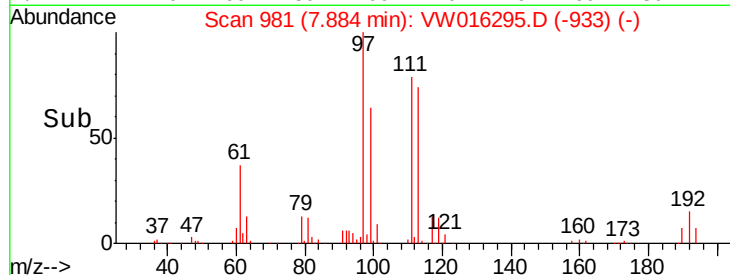
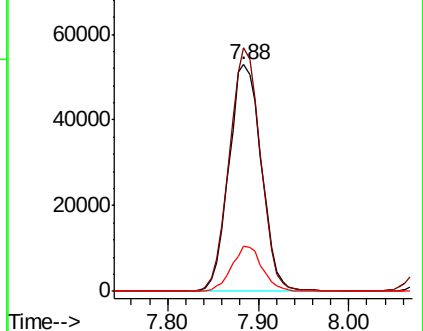
192 18.6 14.3 21.5



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: 49.353 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

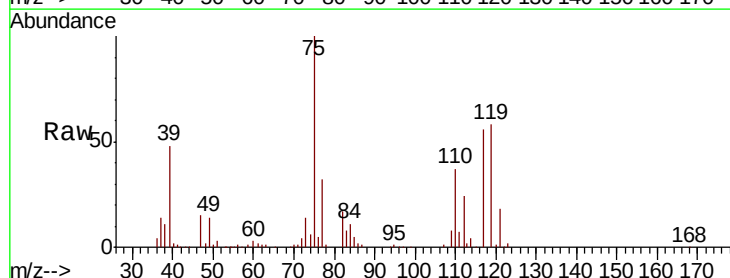
Tgt Ion: 75 Resp: 208952

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.3

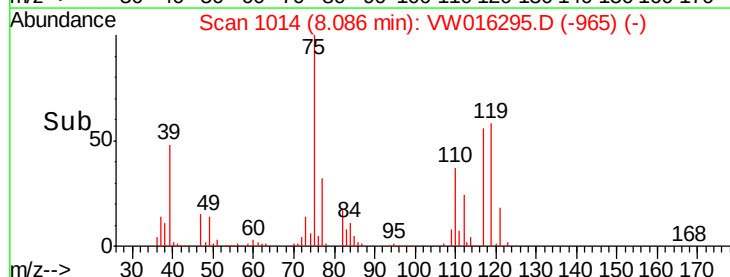
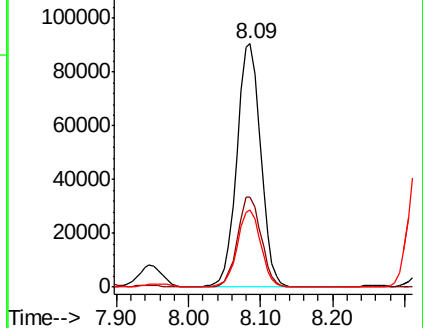
77 31.2 24.7 37.1

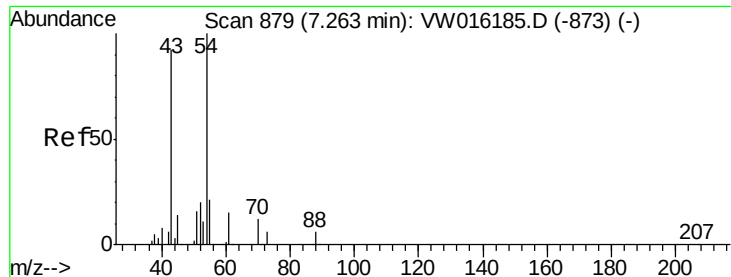


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

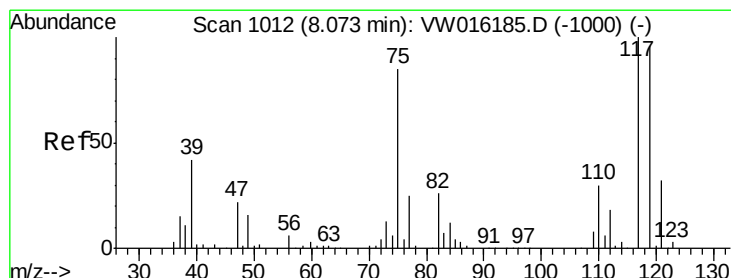
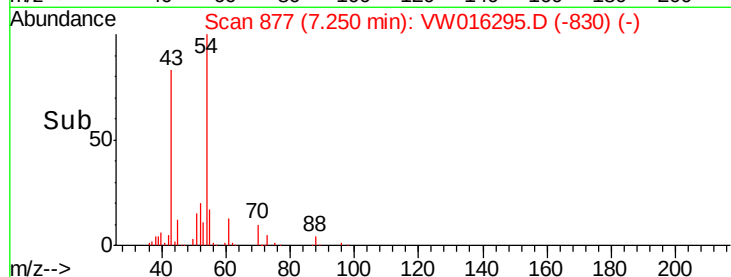
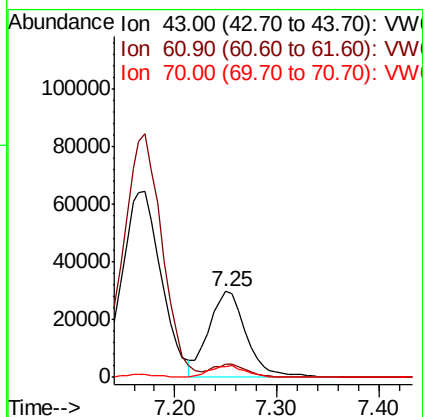
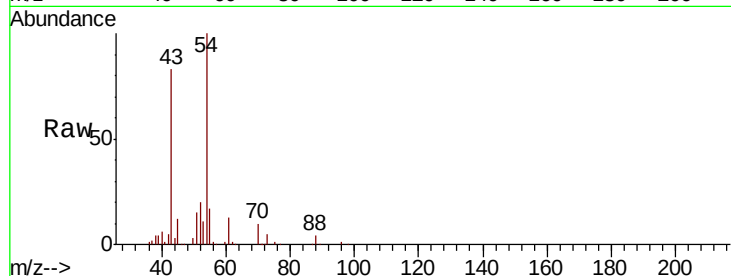




#37
Ethyl Acetate
Concen: 52.551 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

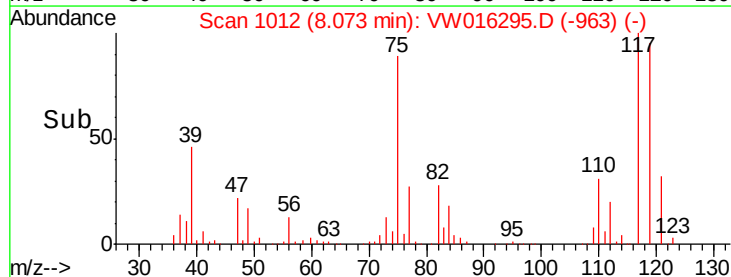
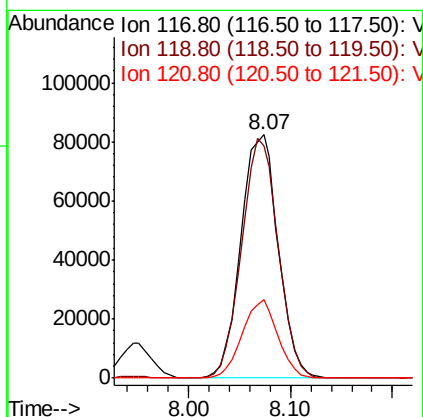
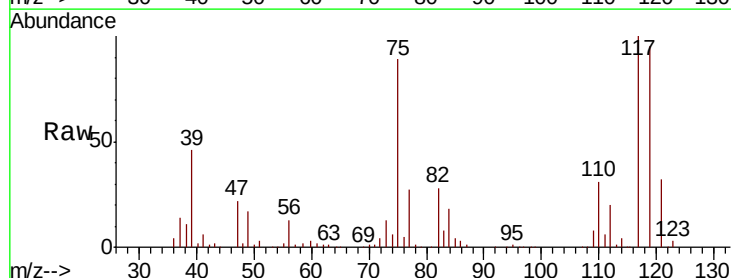
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

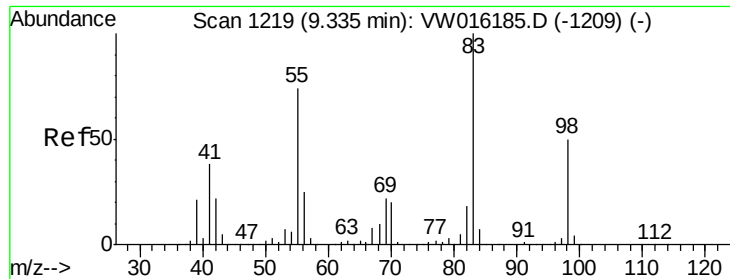
Tot Ion: 43 Resp: 76283
Ion Ratio Lower Upper
43 100
61 14.7 12.6 18.8
70 13.4 9.8 14.8



#38
Carbon Tetrachloride
Concen: 49.707 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 117 Resp: 210016
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 32.2 25.4 38.0

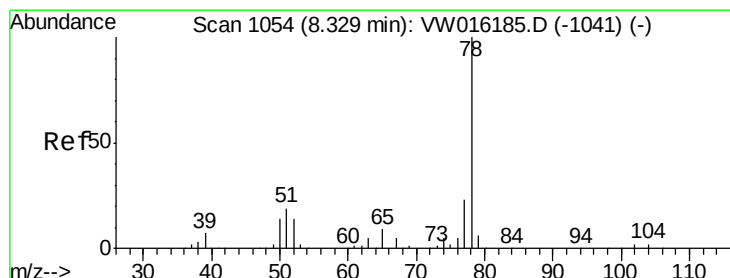
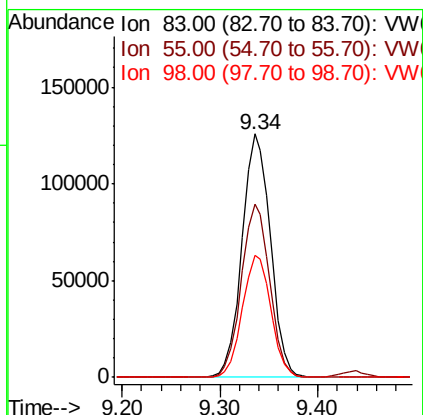
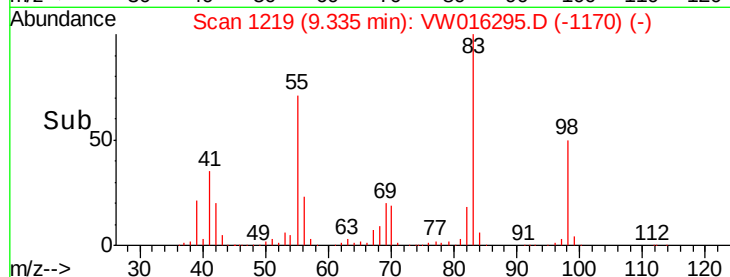
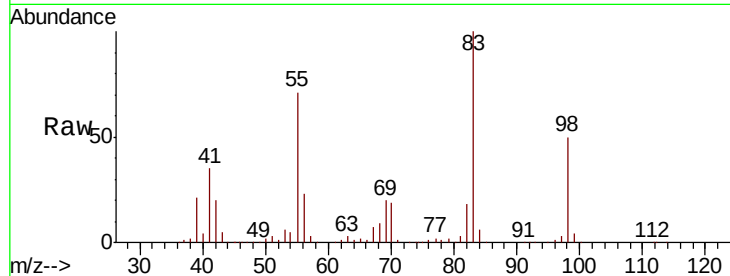




#39
Methylvlcyclohexane
Concen: 49.538 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

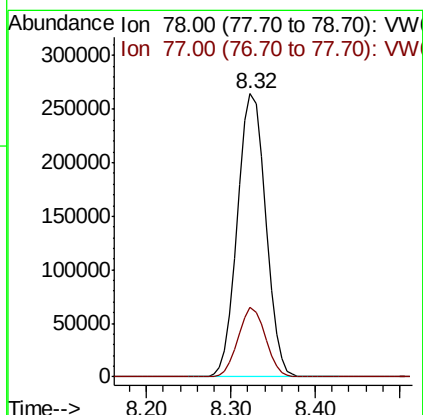
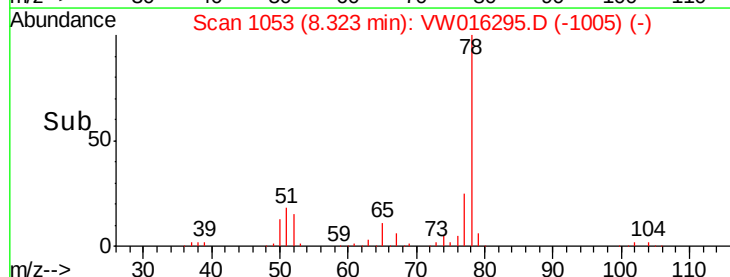
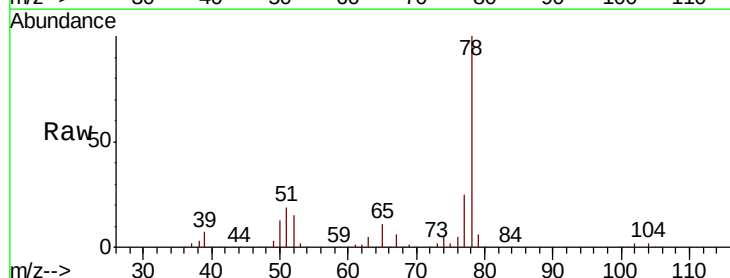
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

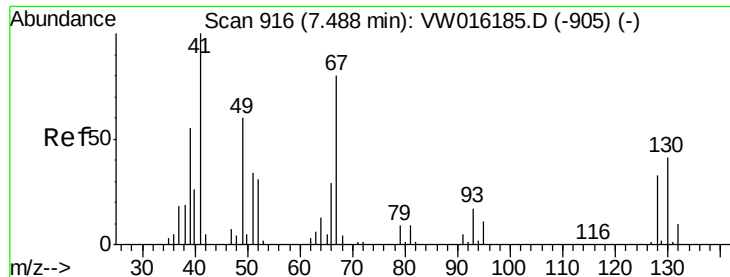
Tot Ion: 83 Resp: 252631
Ion Ratio Lower Upper
83 100
55 71.0 59.2 88.8
98 50.4 40.2 60.2



#40
Benzene
Concen: 50.283 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 78 Resp: 598902
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0

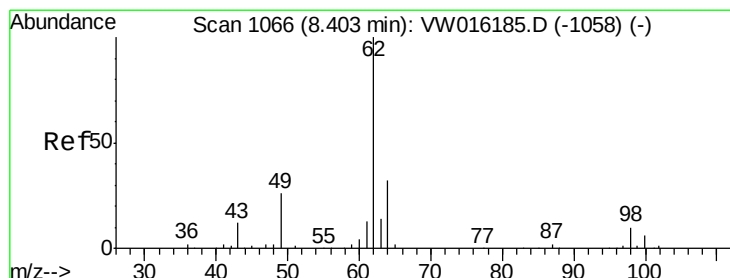
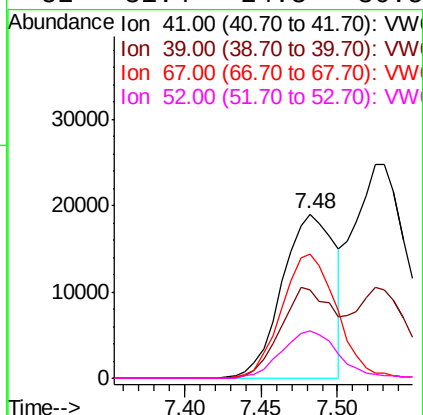
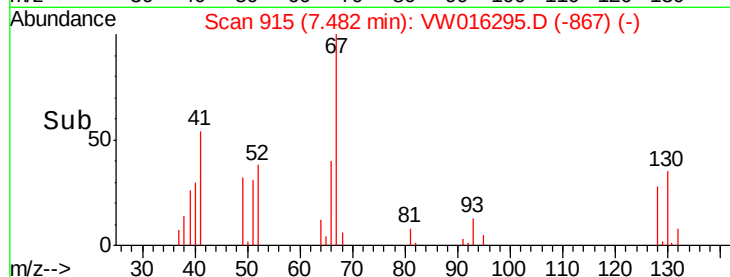
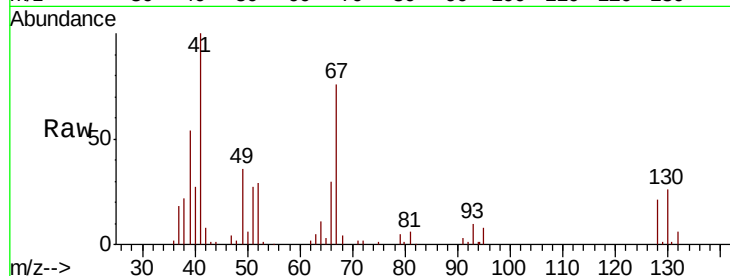




#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

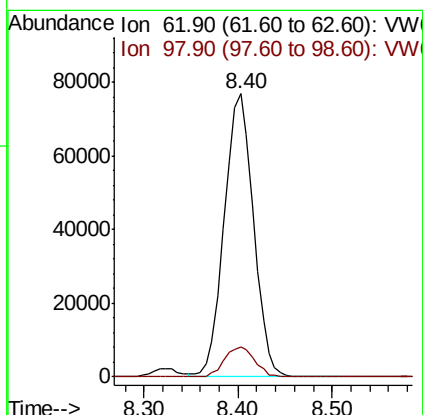
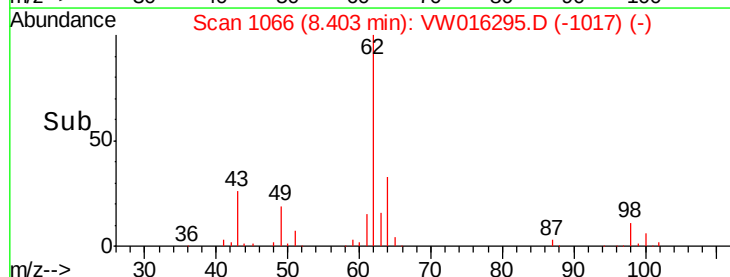
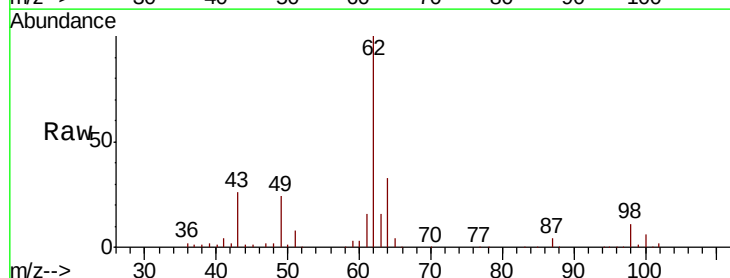
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

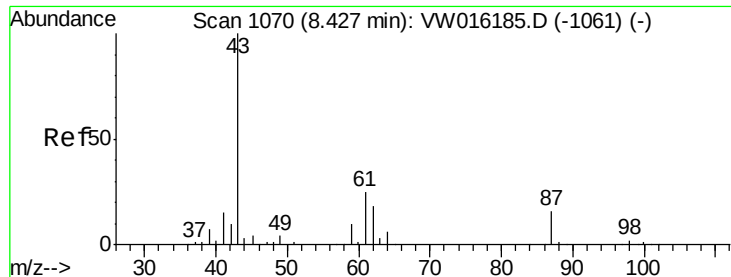
Tot Ion:	41	Resp:	45770
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.4	65.2
67	78.9	61.5	92.3
52	31.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 52.830 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:	62	Resp:	166187
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.454 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

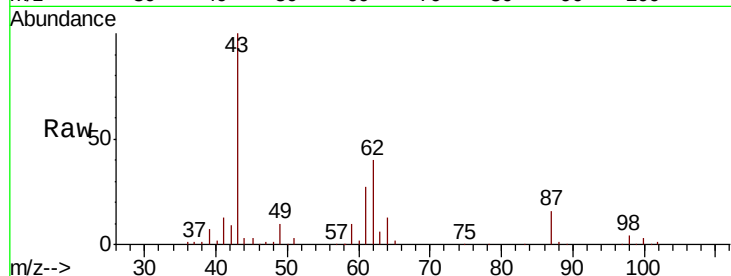
Tot Ion: 43 Resp: 148710

Ion Ratio Lower Upper

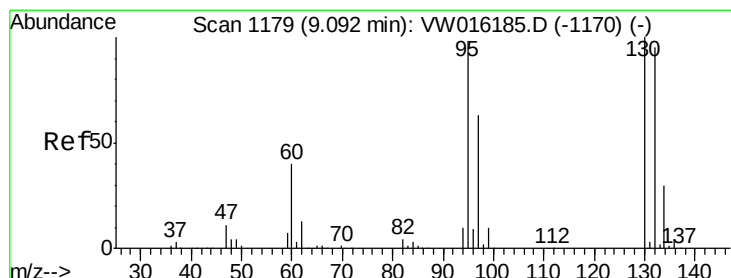
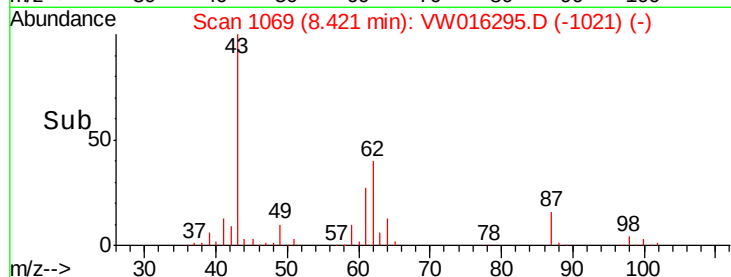
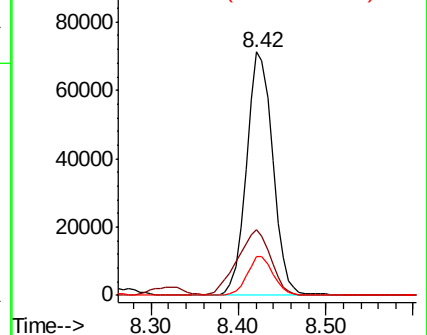
43 100

61 34.2 26.9 40.3

87 15.8 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: 50.612 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016295.D

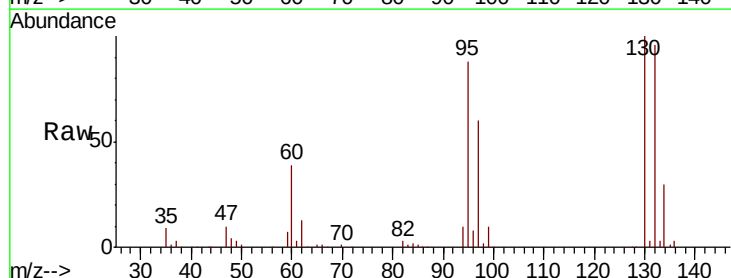
Acq: 21 Aug 2020 06:15

Tgt Ion:130 Resp: 170729

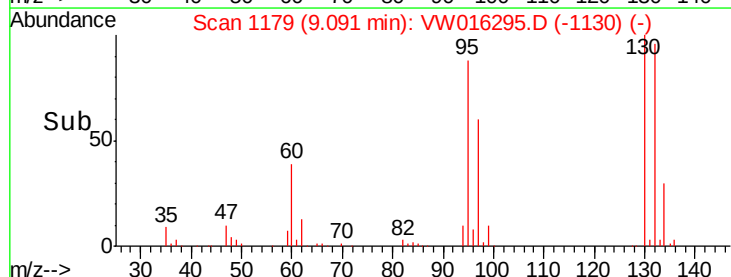
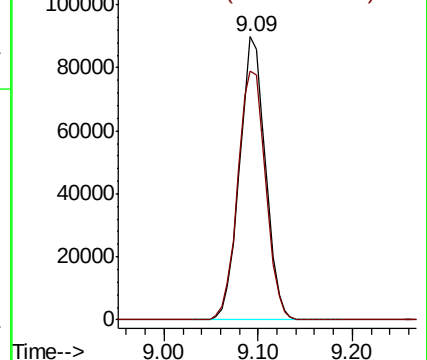
Ion Ratio Lower Upper

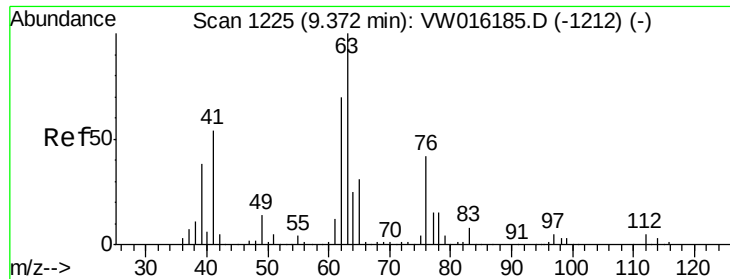
130 100

95 88.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

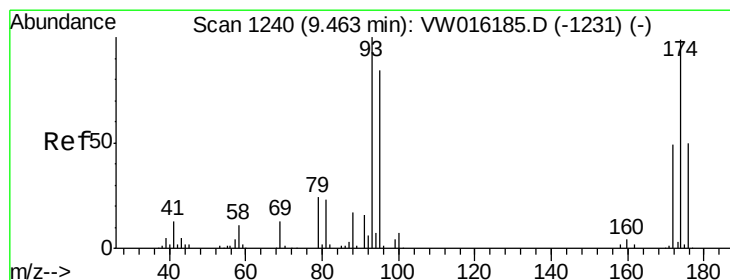
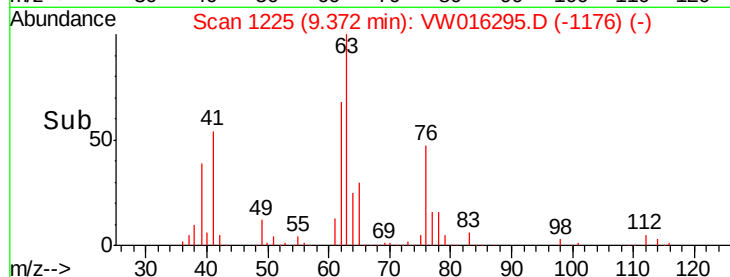
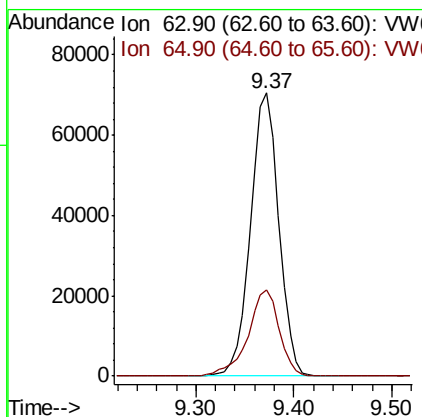
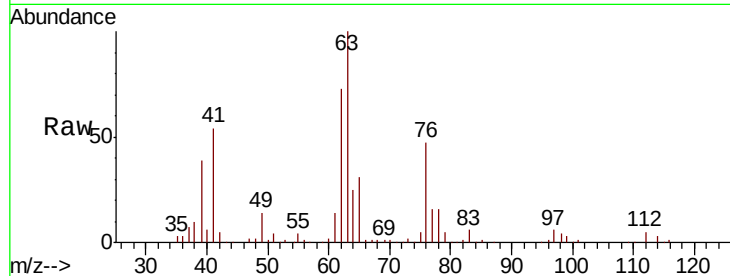




#45
 1,2-Dichloropropane
 Concen: 50.356 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

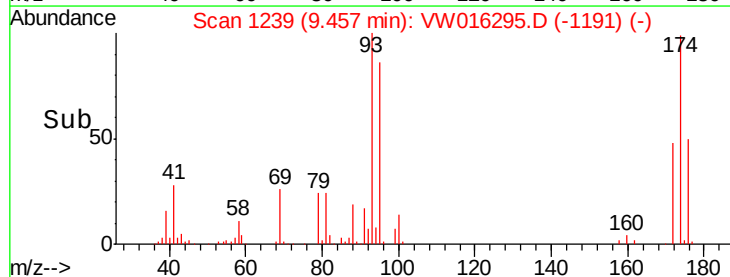
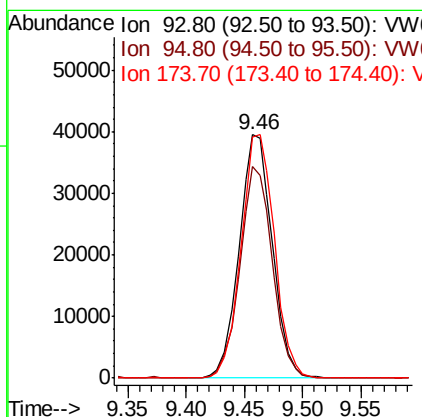
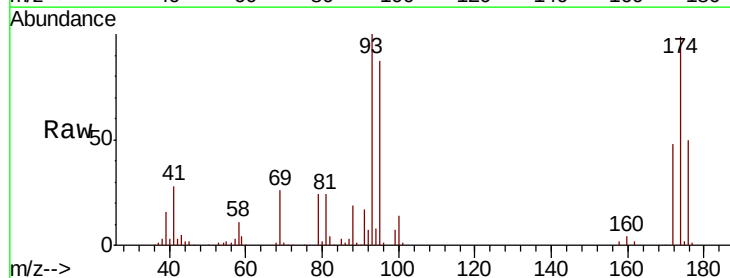
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

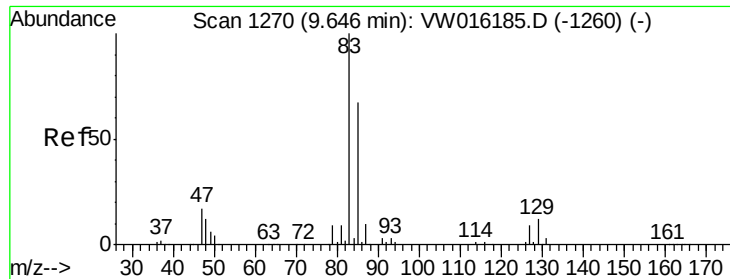
Tot Ion: 63 Resp: 141380
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 53.020 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 93 Resp: 78152
 Ion Ratio Lower Upper
 93 100
 95 85.1 65.9 98.9
 174 100.9 77.0 115.6

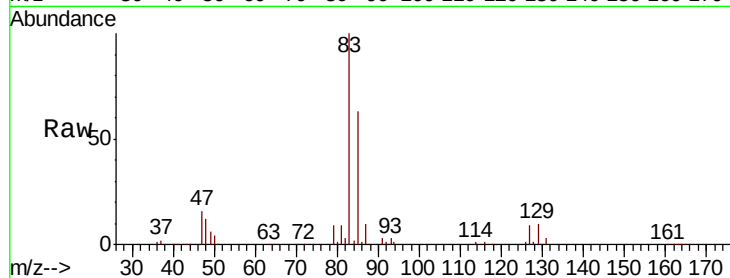




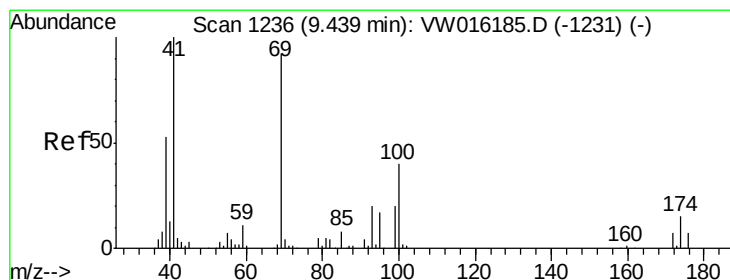
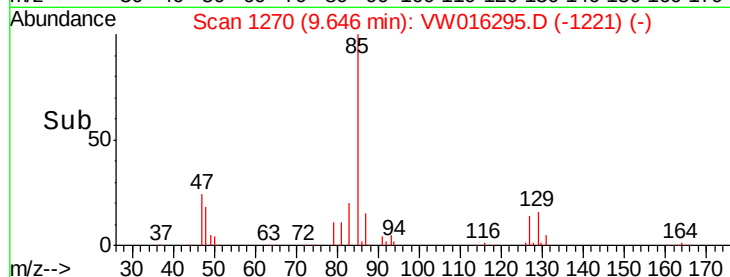
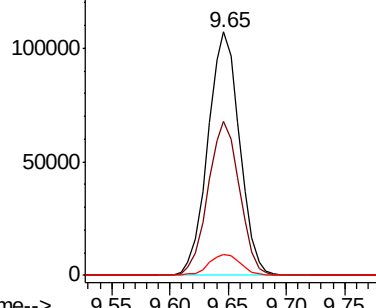
#47
Bromodichloromethane
Concen: 53.336 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	203121
Ion Ratio	100		
Lower	53.3		
Upper	79.9		
85	63.4		
127	8.6		

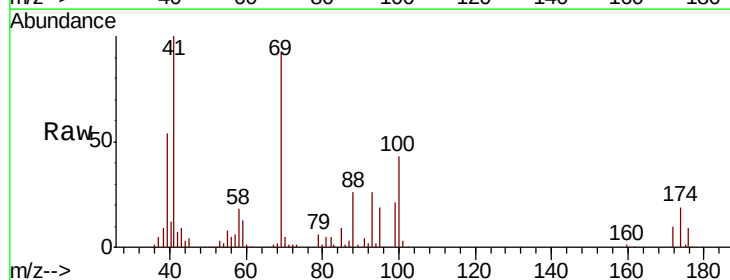


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

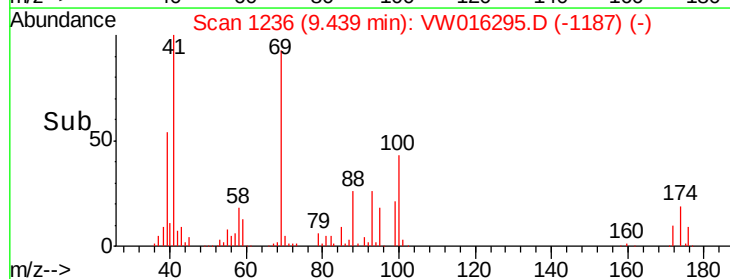
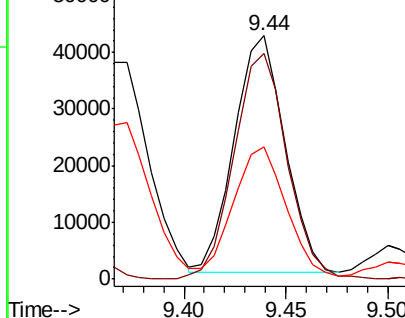


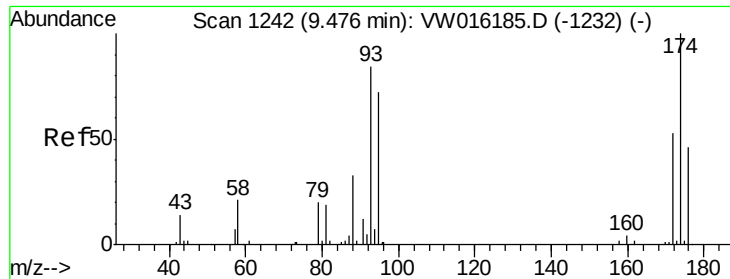
#48
Methyl methacrylate
Concen: 56.482 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	41	Resp	71707
Ion Ratio	100		
Lower	77.4		
Upper	116.0		
69	100.8		
39	55.6		



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

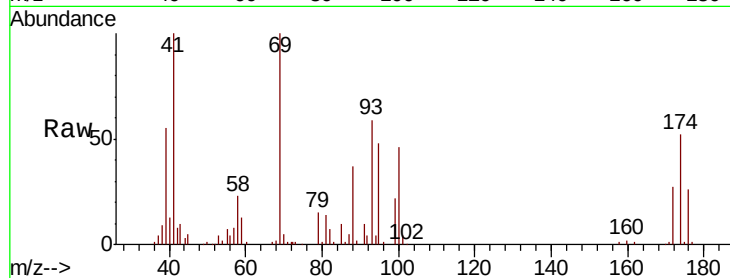




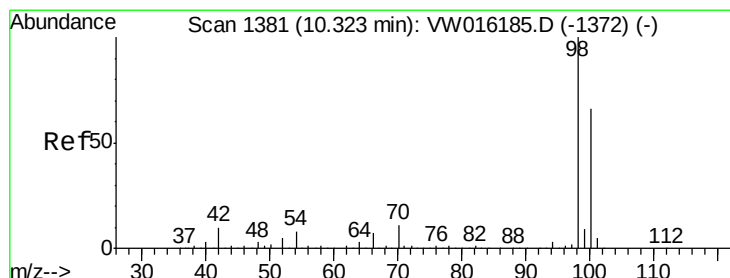
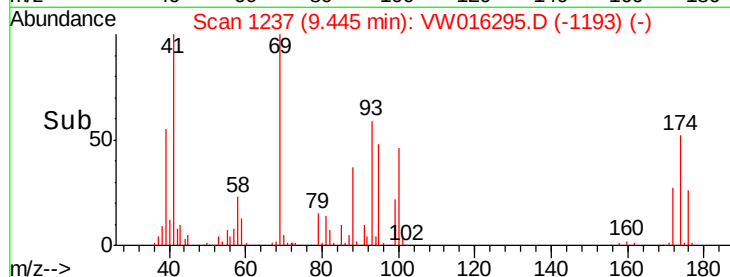
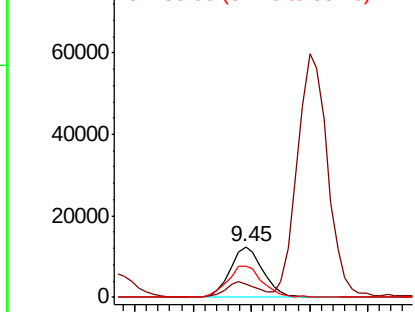
#49
1,4-Dioxane
Concen: 1297.034 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.03 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 24074
Ion Ratio Lower Upper
88 100
43 29.0 0.0 0.0#
58 65.5 56.6 84.8

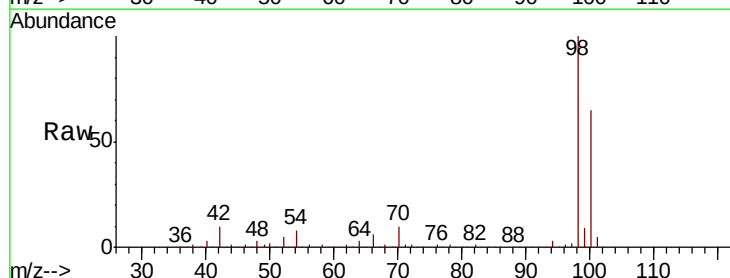


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

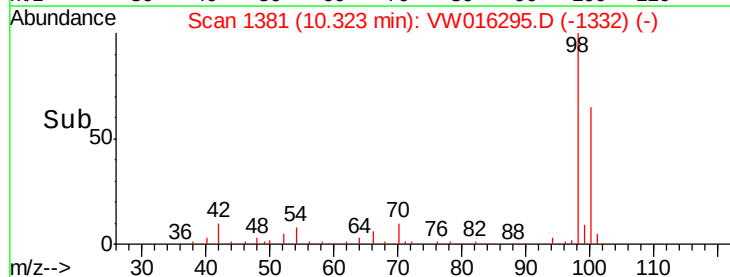
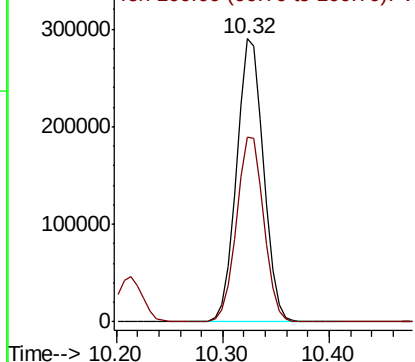


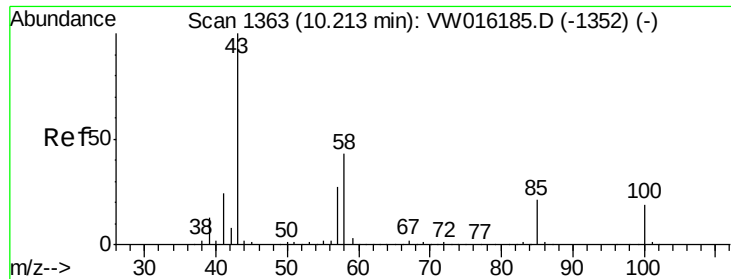
#50
Toluene-d8
Concen: 50.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 98 Resp: 515248
Ion Ratio Lower Upper
98 100
100 66.2 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: 279.857 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

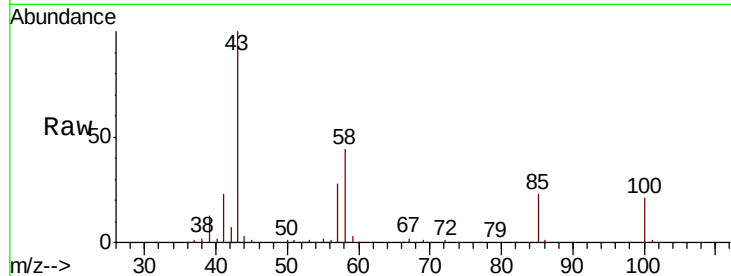
VSTDCCC050EC

Tot Ion: 43 Resp: 386547

Ion Ratio Lower Upper

43 100

58 43.2 33.7 50.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

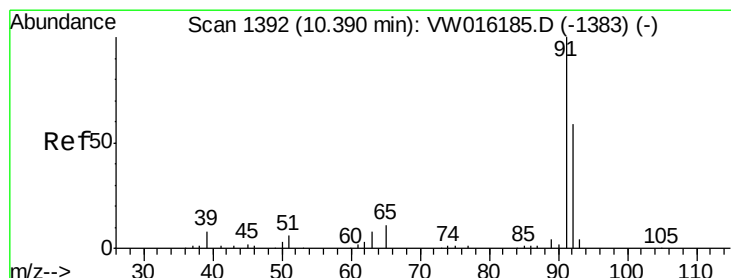
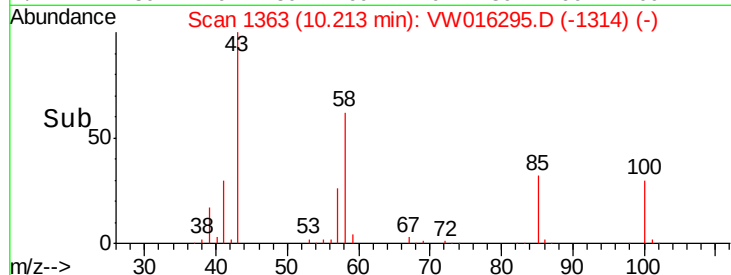
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.437 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016295.D

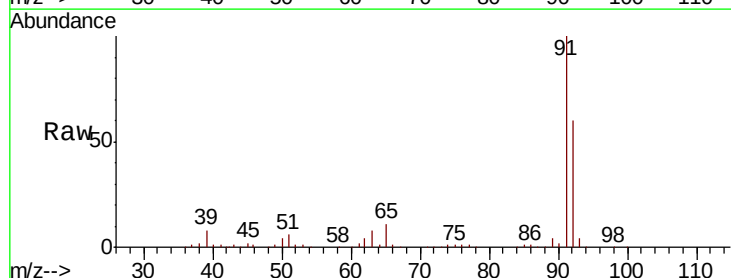
Acq: 21 Aug 2020 06:15

Tgt Ion: 92 Resp: 392305

Ion Ratio Lower Upper

92 100

91 170.4 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

400000

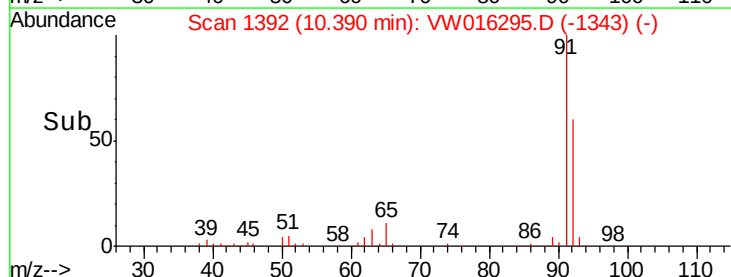
300000

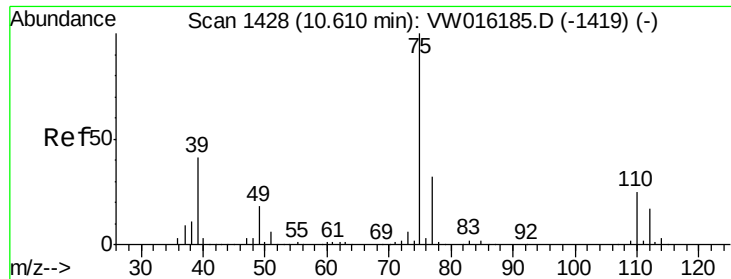
200000

100000

0

Time-->

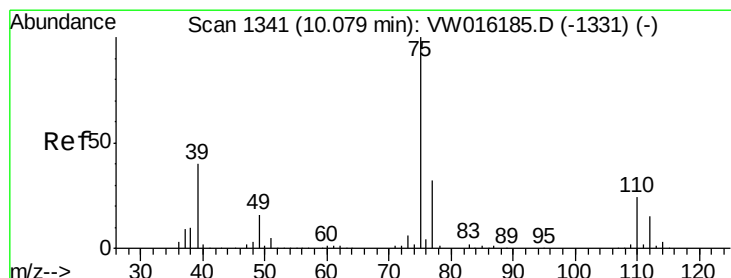
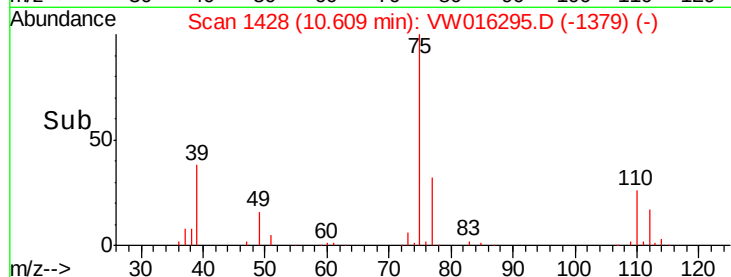
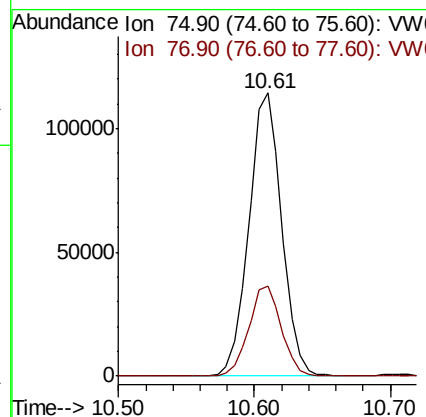
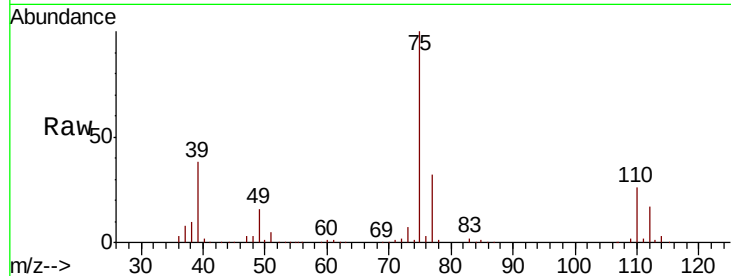




#53
t-1,3-Dichloropropene
Concen: 54.609 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

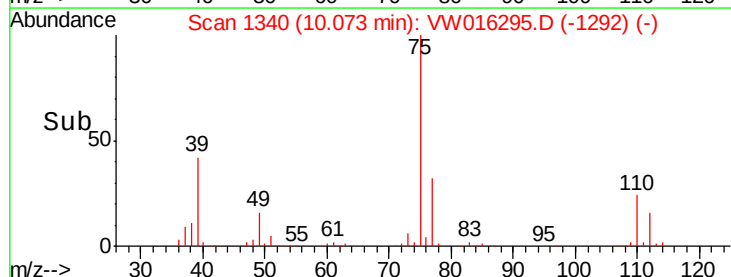
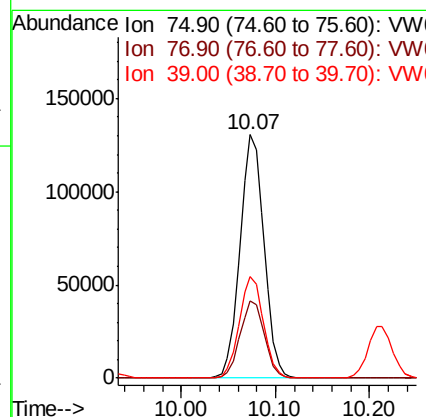
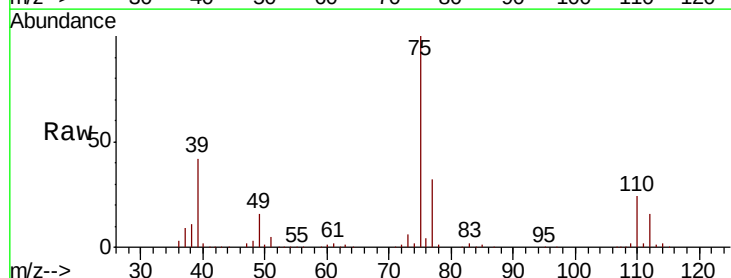
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

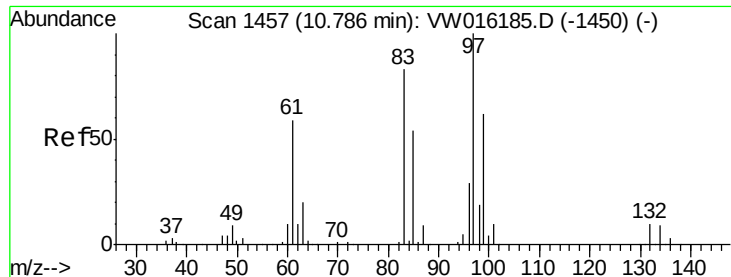
Tot Ion: 75 Resp: 192561
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.605 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 75 Resp: 230542
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 41.8 32.3 48.5



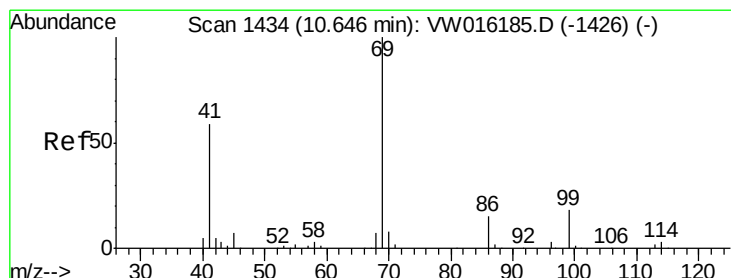
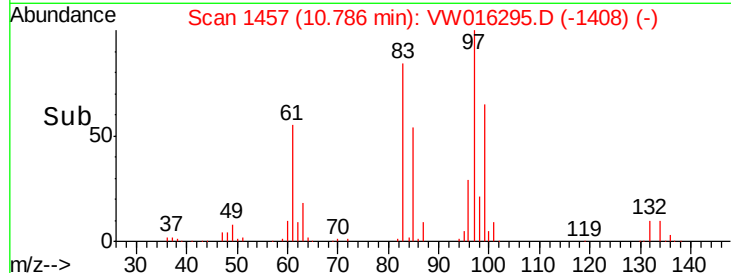
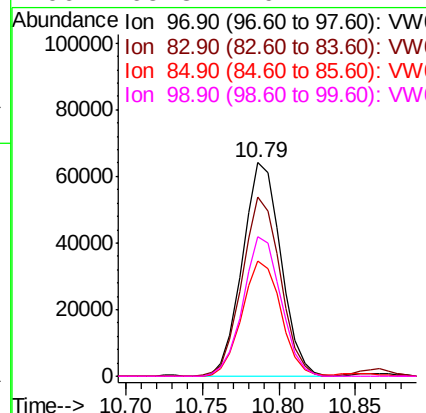
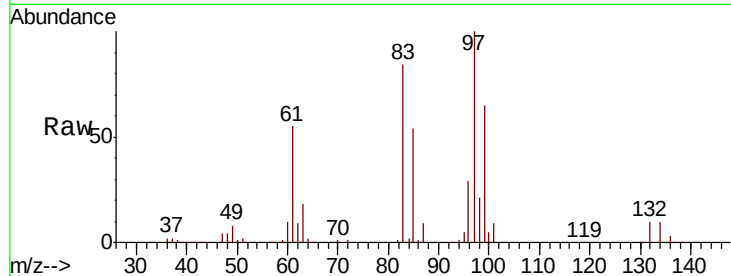


#55
 1,1,2-Trichloroethane
 Concen: 53.164 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 112441

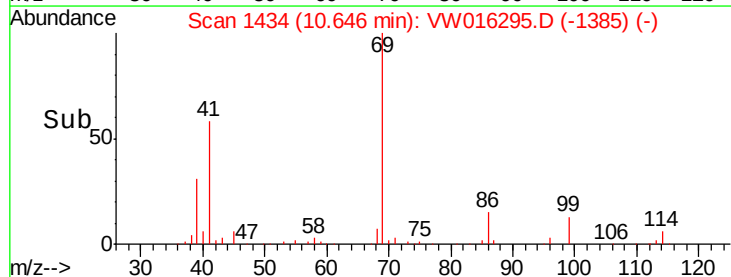
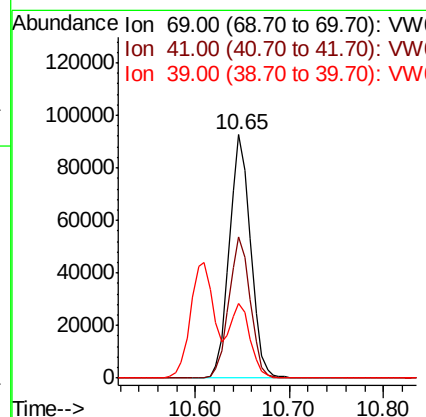
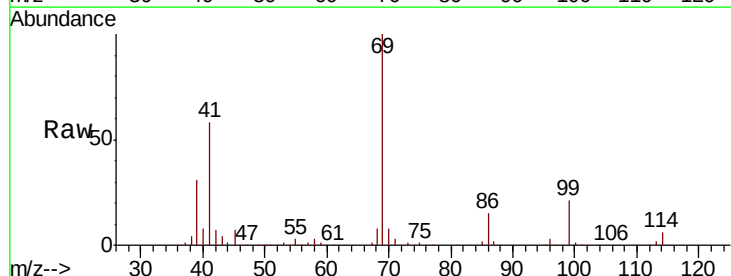
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.6	100.0
85	54.0	43.0	64.4
99	65.3	49.4	74.2

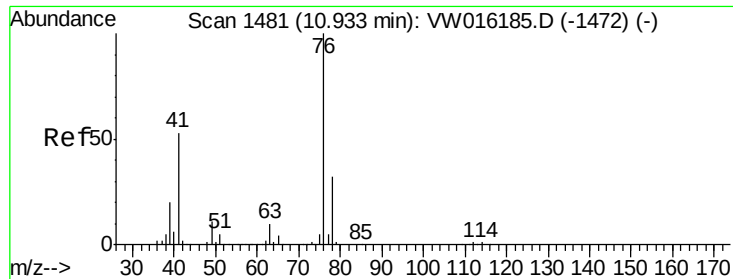


#56
 Ethyl methacrylate
 Concen: 60.271 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 69 Resp: 145369

Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.6	71.4
39	29.8	24.6	36.8

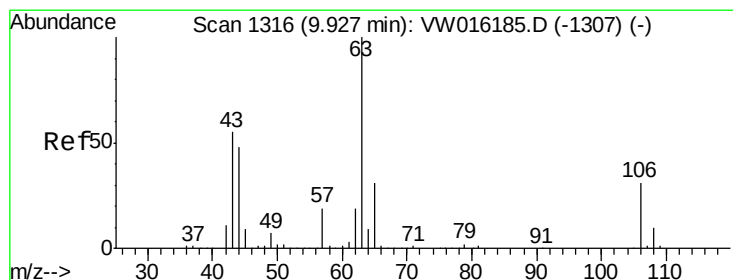
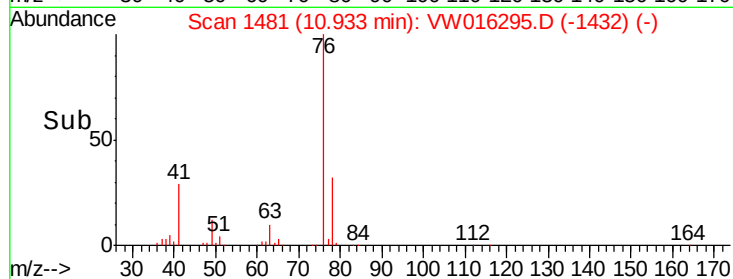
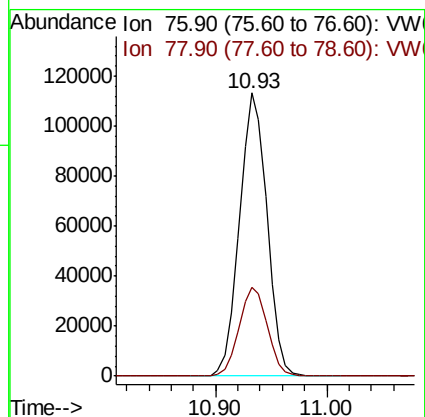
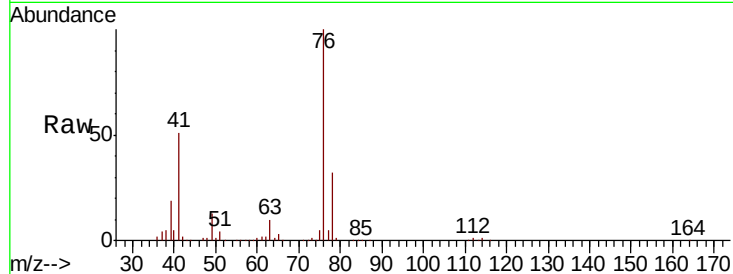




#57
 1,3-Dichloropropane
 Concen: 53.772 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

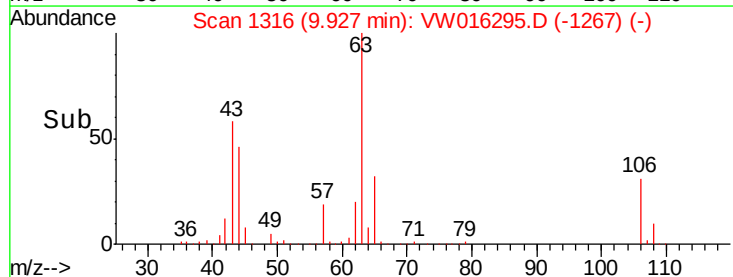
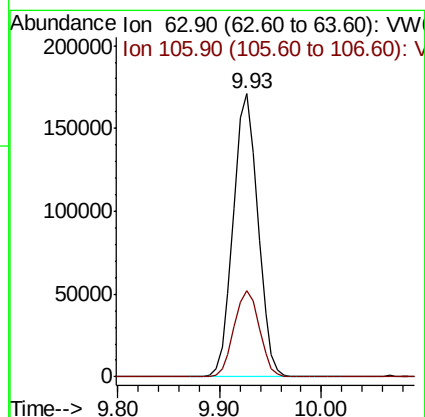
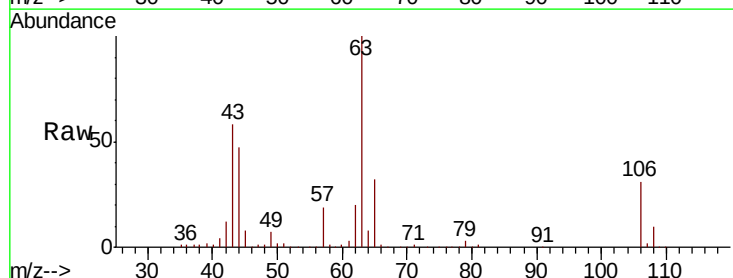
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

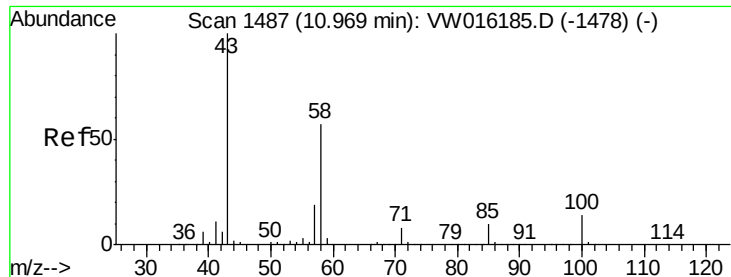
Tot Ion: 76 Resp: 193497
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.397 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 63 Resp: 285251
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.9 37.3

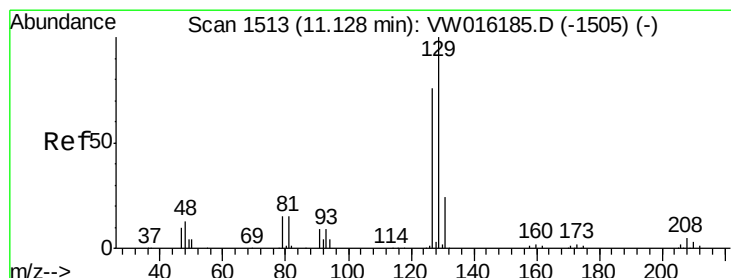
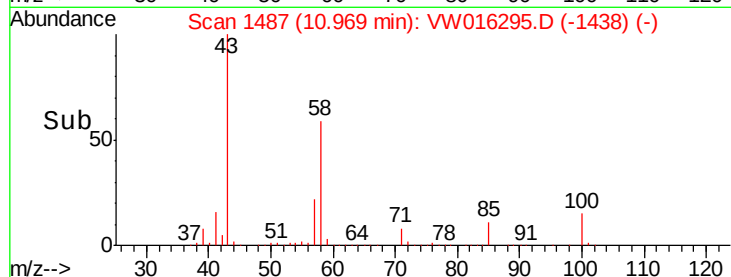
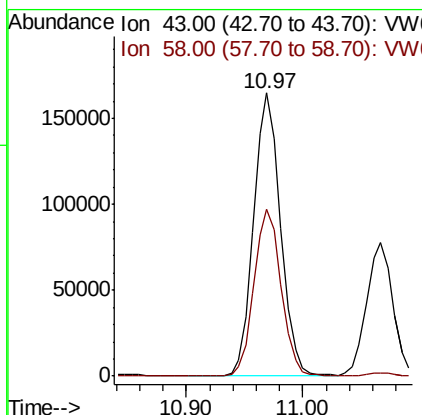
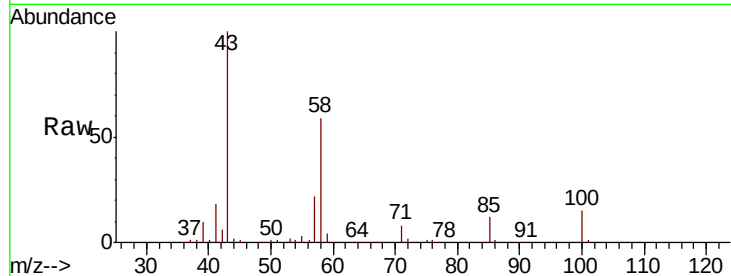




#59
2-Hexanone
Concen: 280.477 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

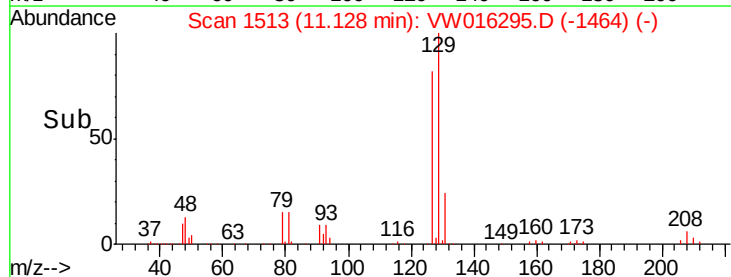
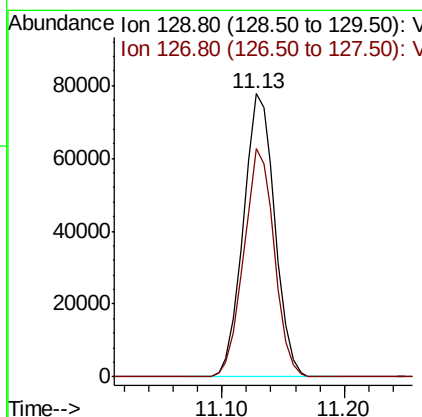
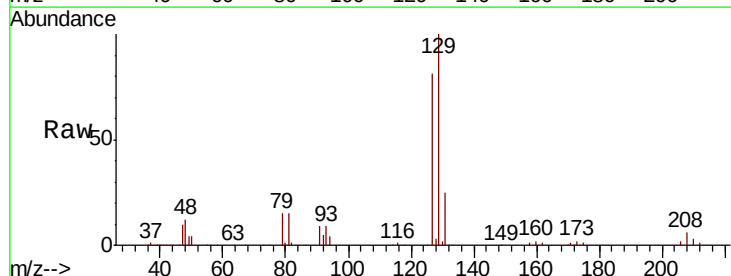
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

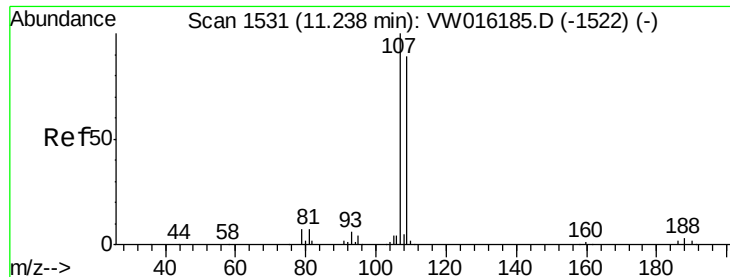
Tot Ion: 43 Resp: 265026
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.5



#60
Dibromochloromethane
Concen: 55.127 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 129 Resp: 138701
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8

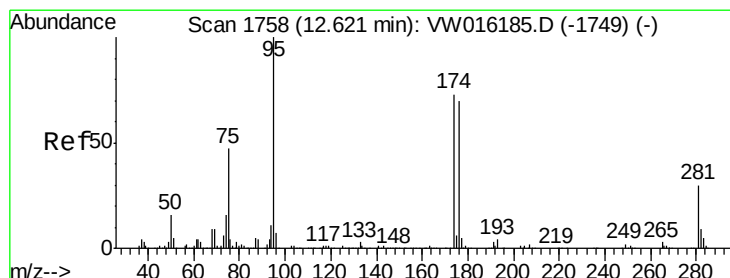
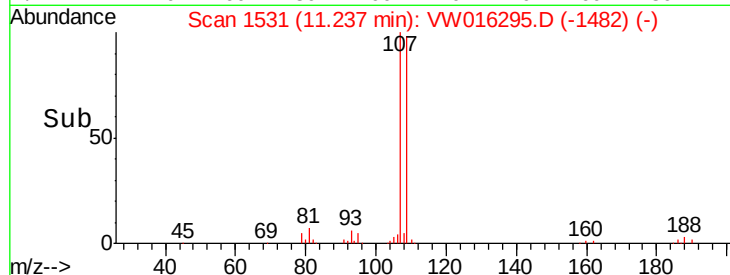
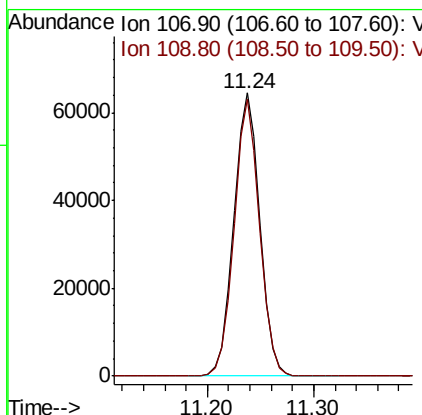
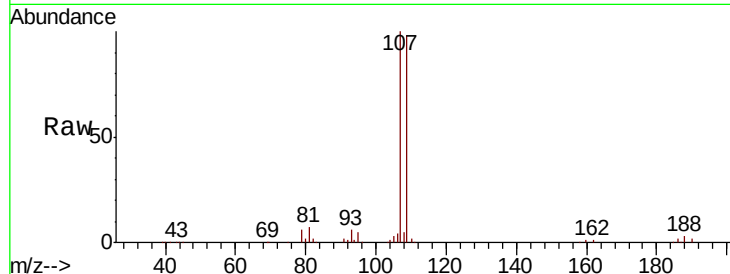




#61
 1,2-Dibromoethane
 Concen: 54.173 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

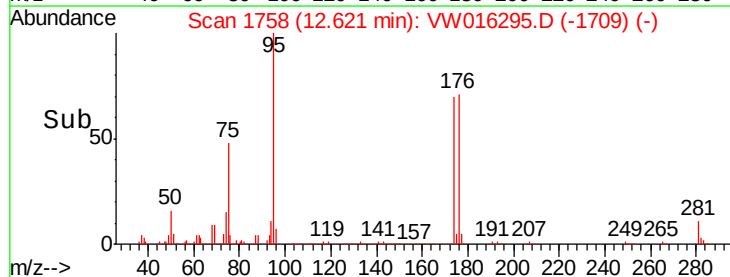
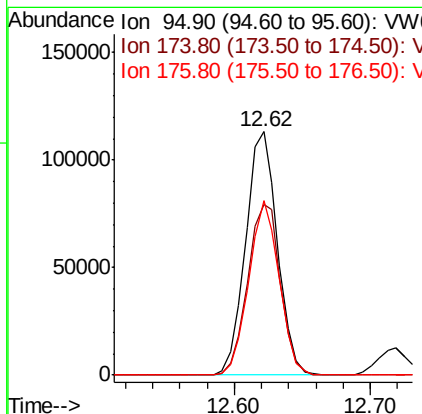
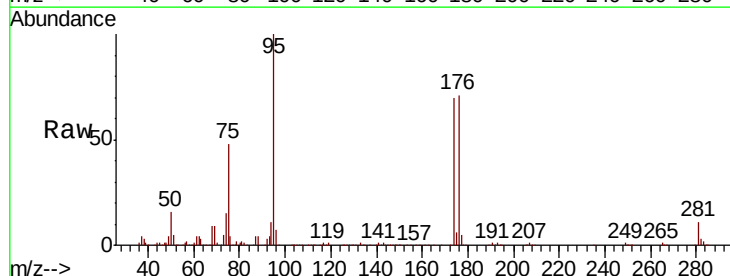
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

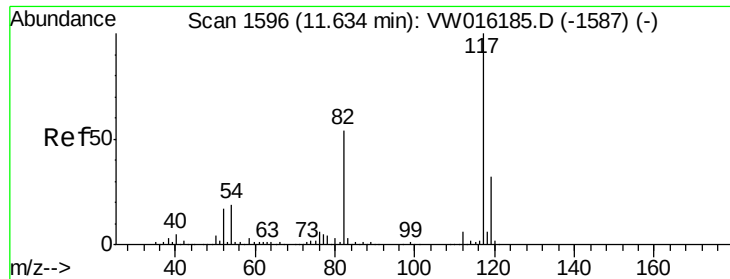
Tot Ion:107 Resp: 110296
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.444 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 95 Resp: 185080
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 145.6
 176 68.8 0.0 137.8

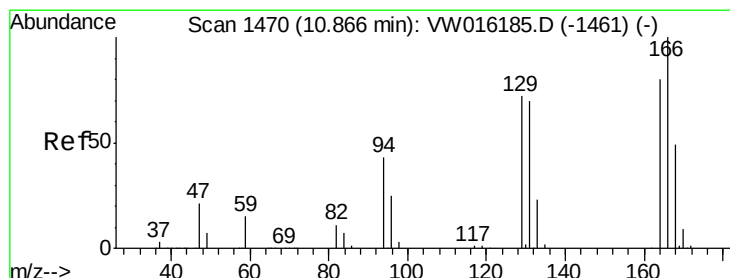
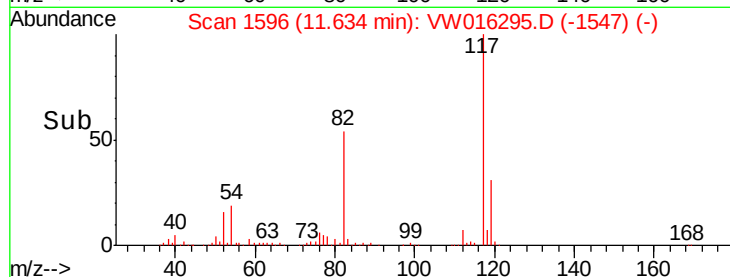
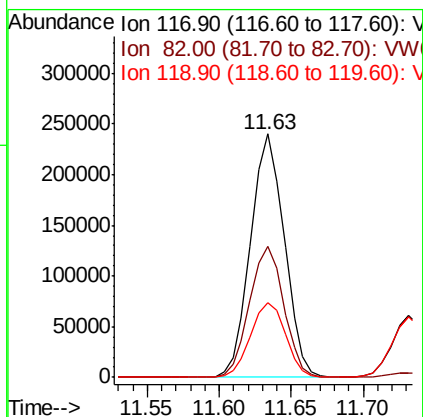
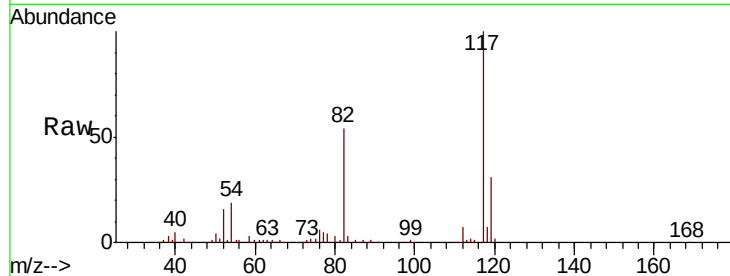




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

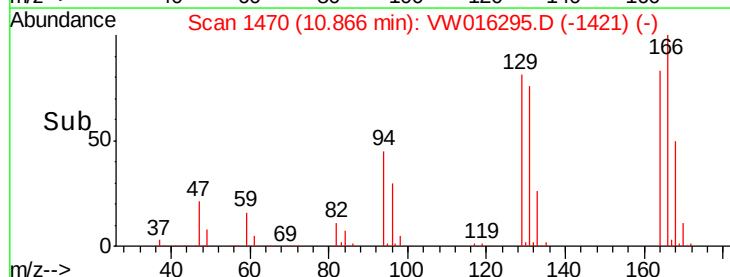
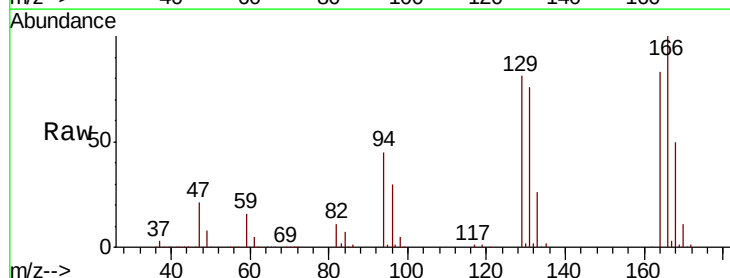
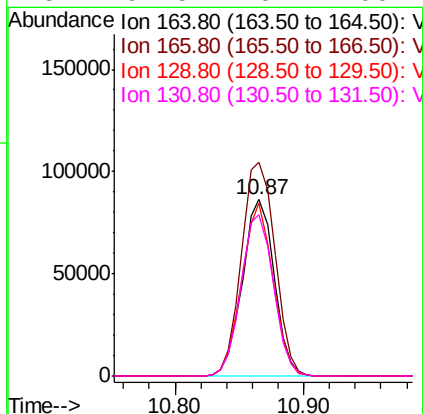
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

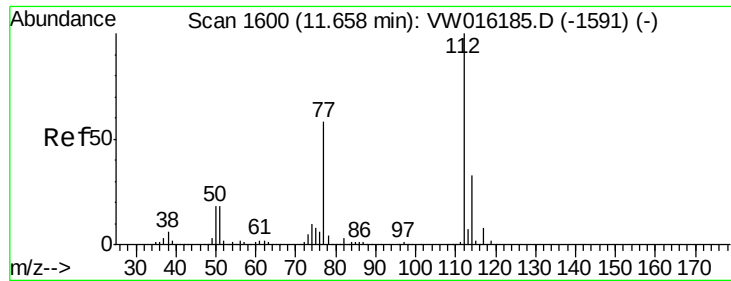
Tot Ion:117 Resp: 390221
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 57.440 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:164 Resp: 147070
Ion Ratio Lower Upper
164 100
166 121.0 100.3 150.5
129 98.2 72.2 108.4
131 91.5 70.7 106.1

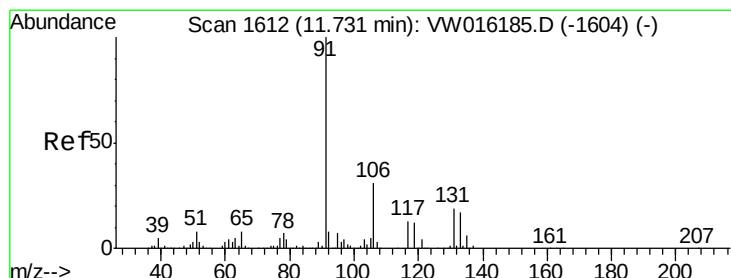
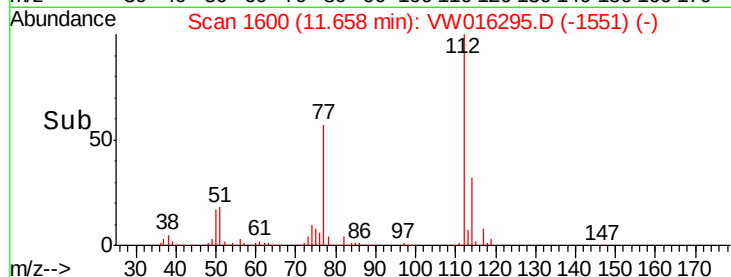
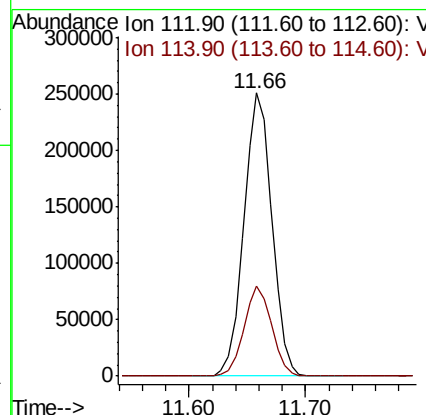
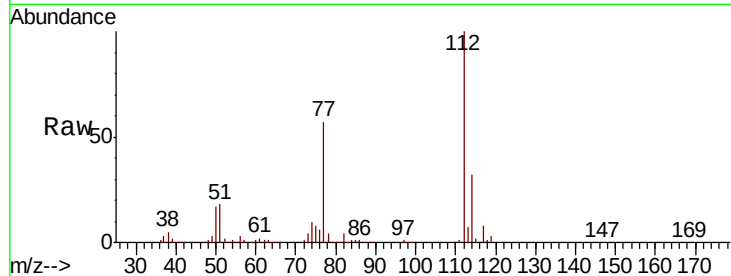




#65
Chlorobenzene
Concen: 52.576 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

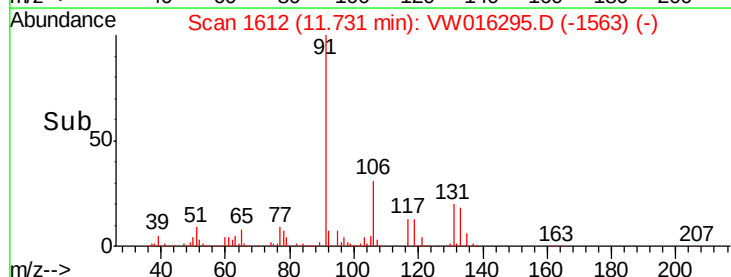
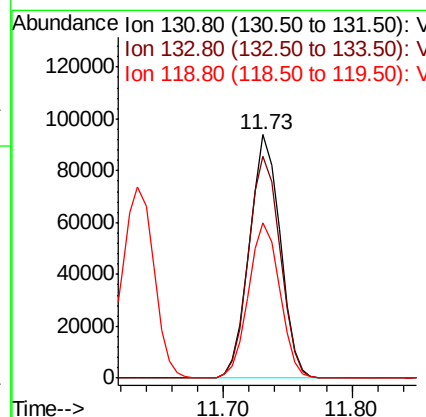
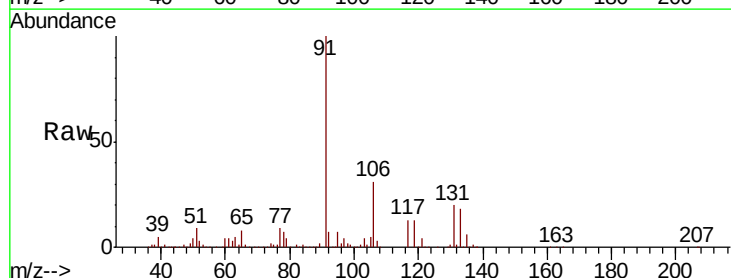
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

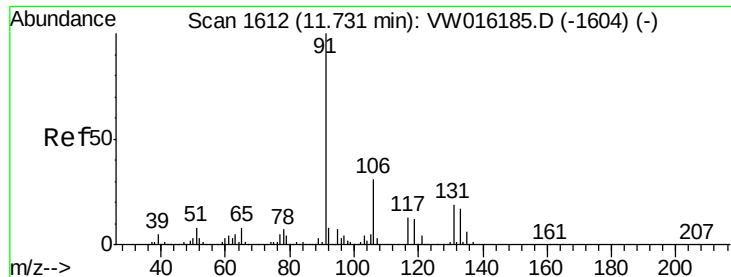
Tot Ion:112 Resp: 420506
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.297 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:131 Resp: 154591
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 64.9 33.1 99.3

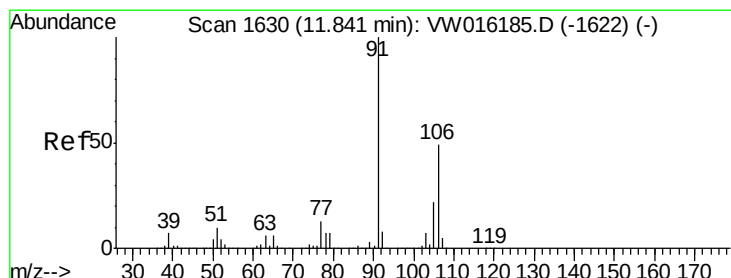
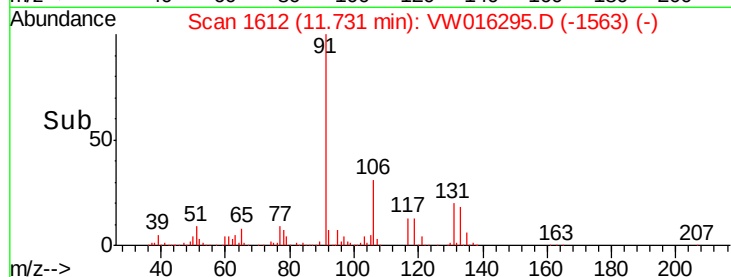
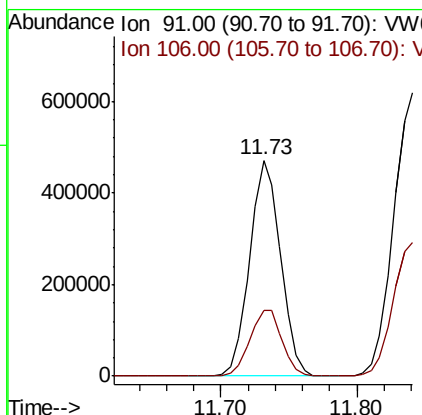
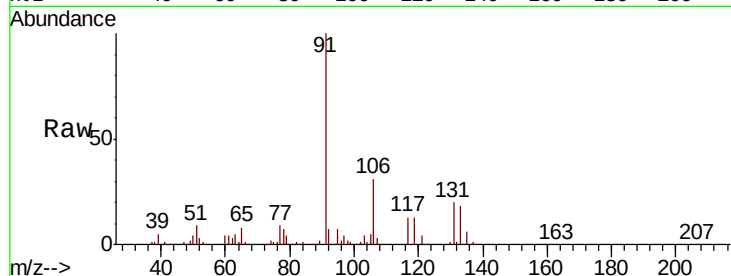




#67
Ethyl Benzene
Concen: 52.374 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

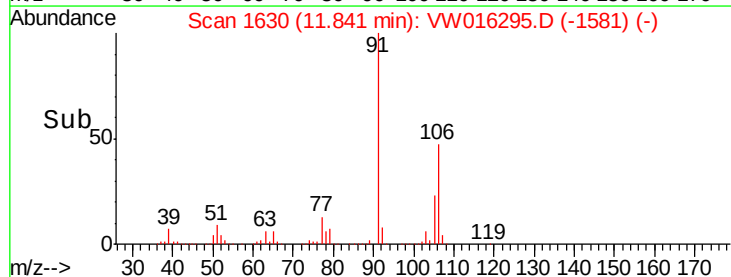
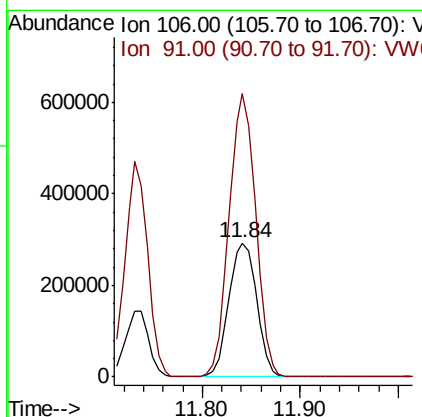
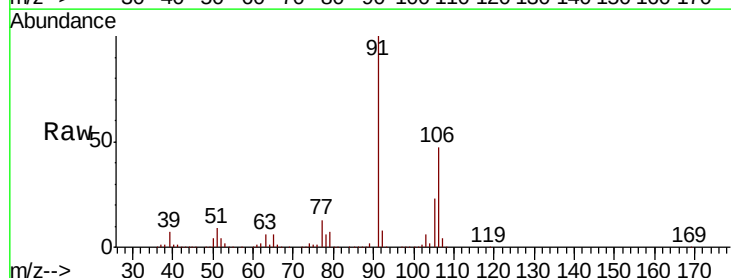
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

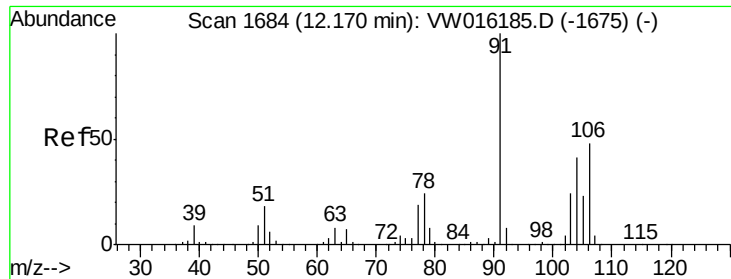
Tot Ion: 91 Resp: 752848
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 104.454 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 106 Resp: 577112
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.2

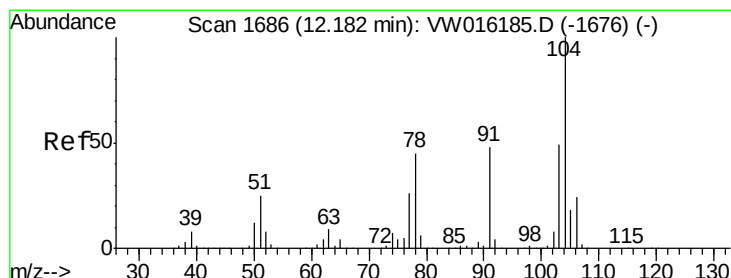
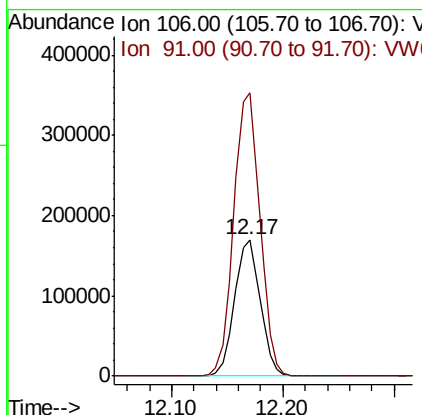
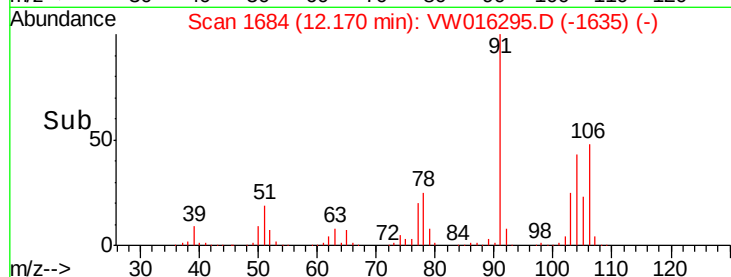
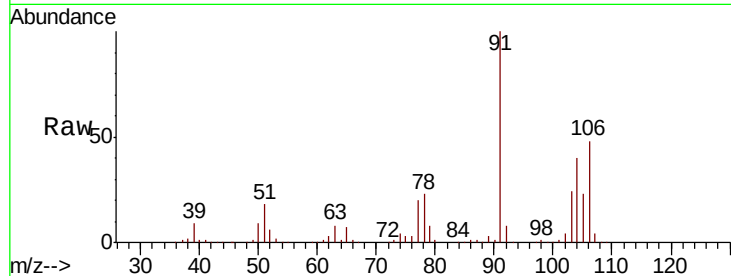




#69
o-Xylene
Concen: 54.974 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

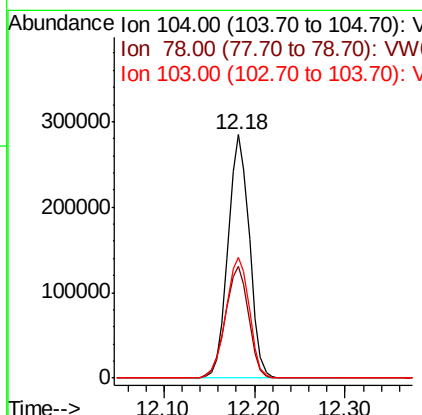
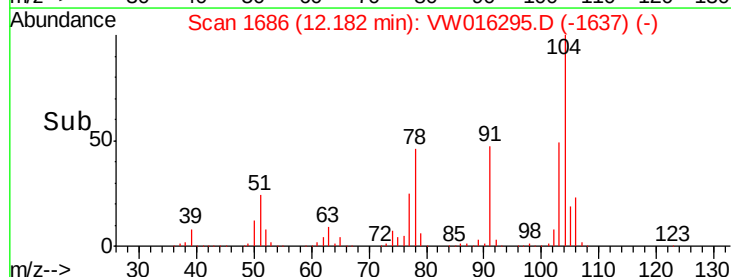
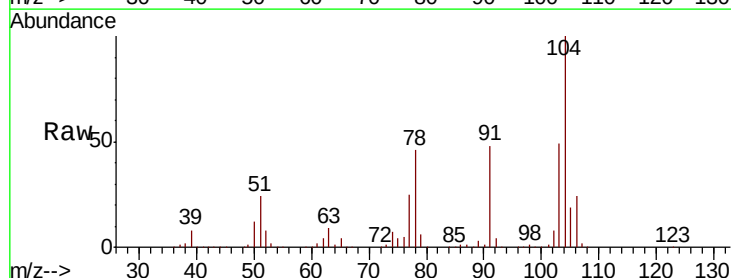
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

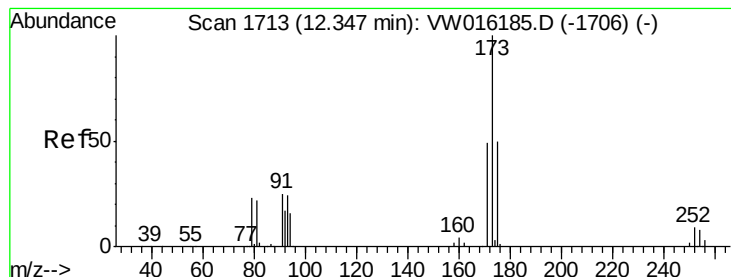
Tot Ion:106 Resp: 270598
Ion Ratio Lower Upper
106 100
91 212.9 106.0 317.9



#70
Styrene
Concen: 54.490 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:104 Resp: 464129
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 54.2 42.9 64.3





#71

Bromoform

Concen: 59.530 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

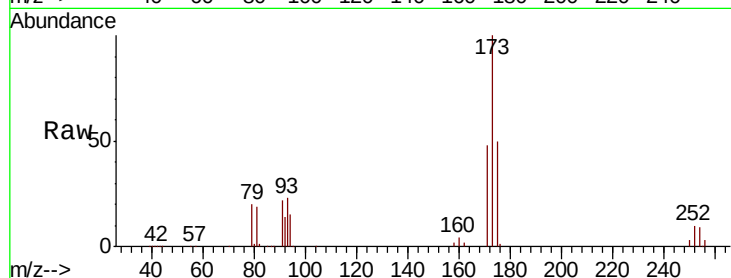
Tot Ion:173 Resp: 74482

Ion Ratio Lower Upper

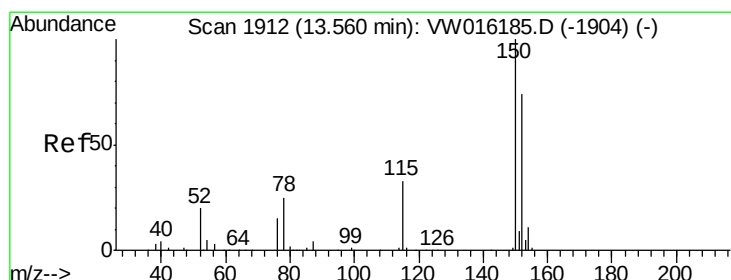
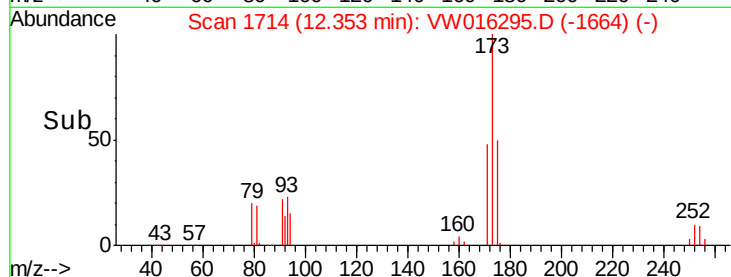
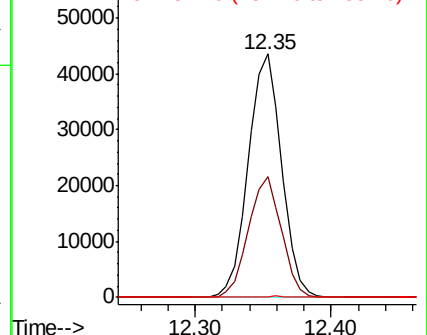
173 100

175 49.3 24.7 74.1

254 0.2 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: VW016295.D

Acq: 21 Aug 2020 06:15

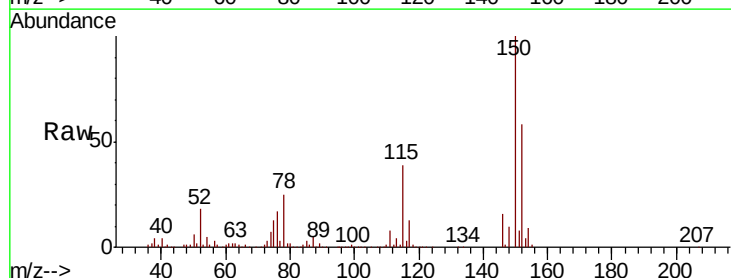
Tgt Ion:152 Resp: 171561

Ion Ratio Lower Upper

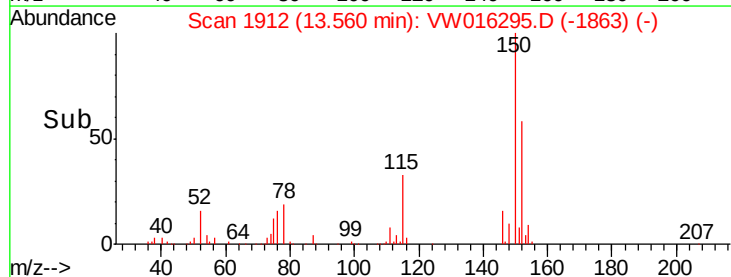
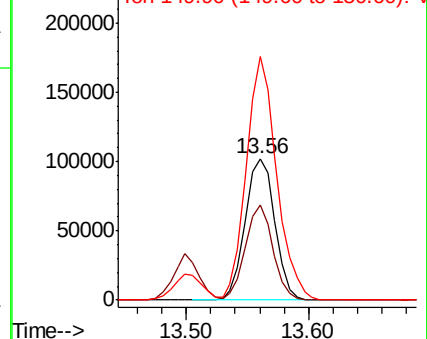
152 100

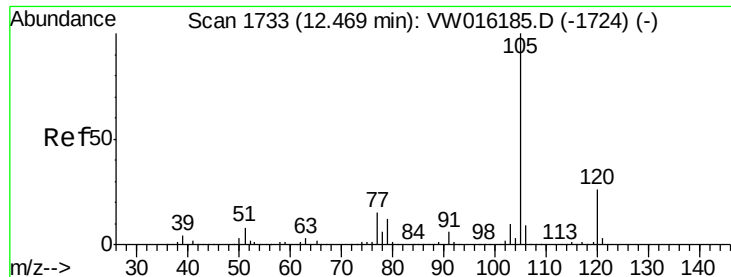
115 62.2 30.9 92.5

150 176.4 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: 56.660 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

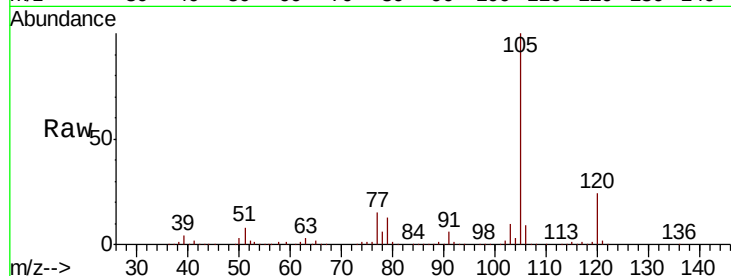
VSTDCCC050EC

Tot Ion: 105 Resp: 740745

Ion Ratio Lower Upper

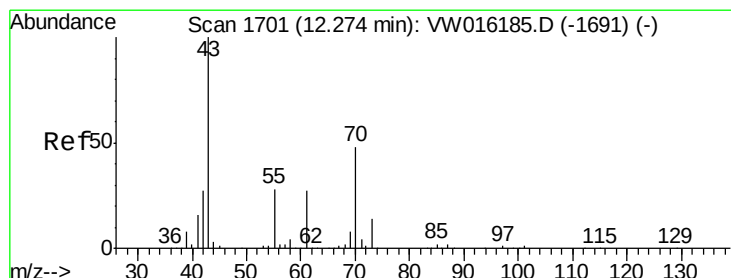
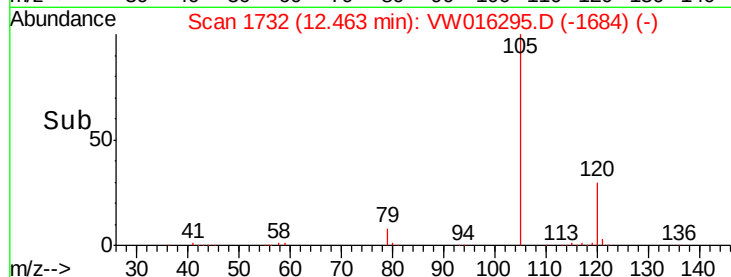
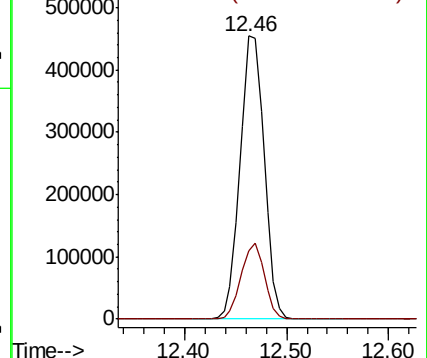
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.299 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion: 43 Resp: 129469

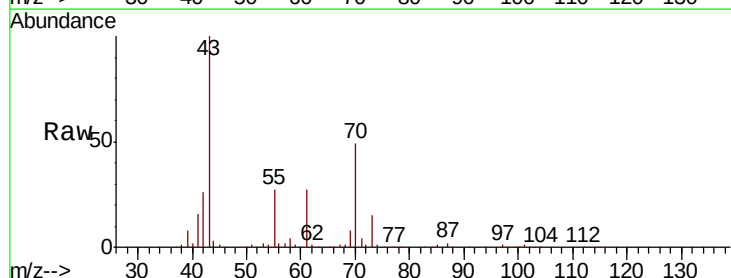
Ion Ratio Lower Upper

43 100

70 49.7 38.6 58.0

55 26.5 22.2 33.2

61 27.1 21.3 31.9

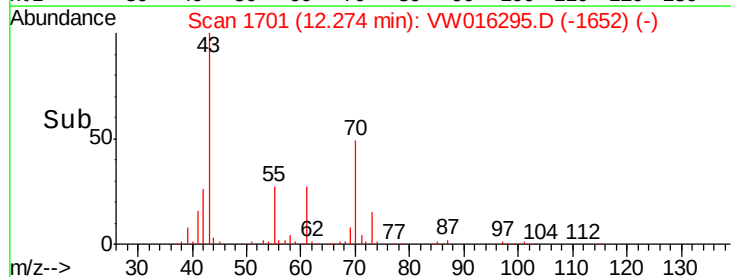
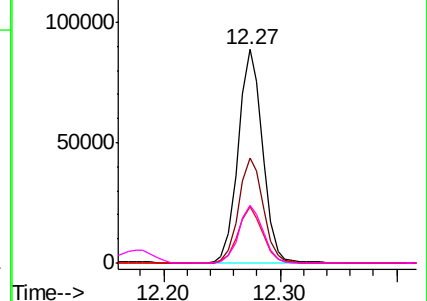


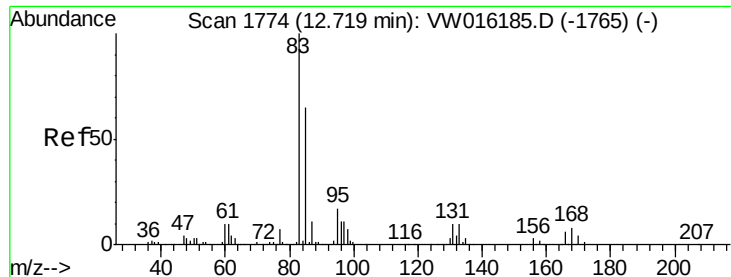
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 56.535 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

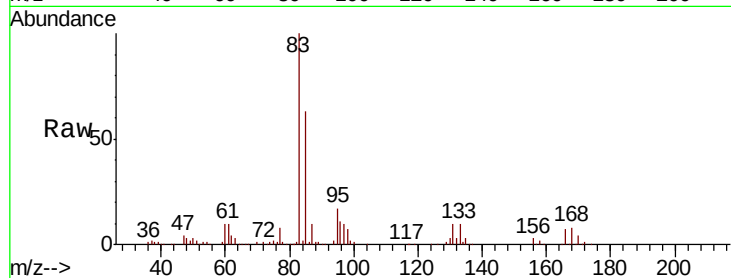
Tot Ion: 83 Resp: 123675

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

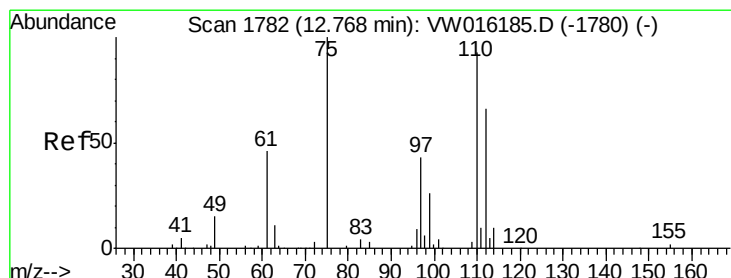
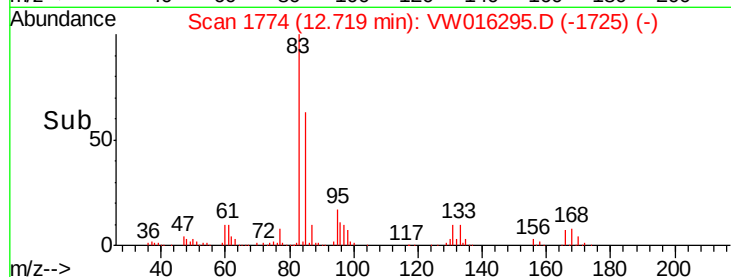
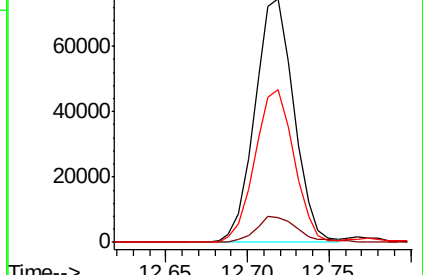
85 62.8 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.523 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016295.D

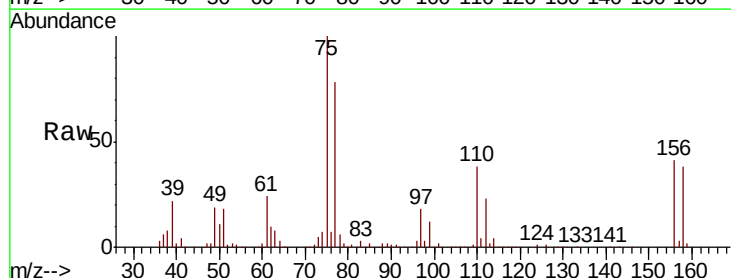
Acq: 21 Aug 2020 06:15

Tgt Ion: 75 Resp: 150716

Ion Ratio Lower Upper

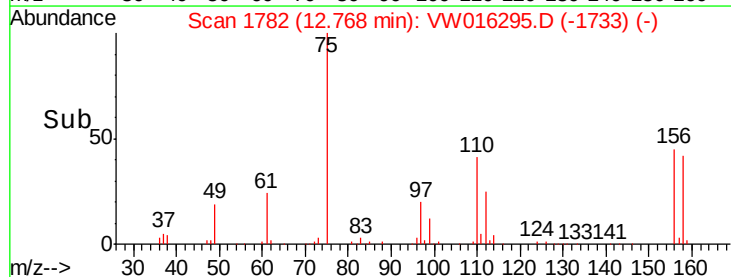
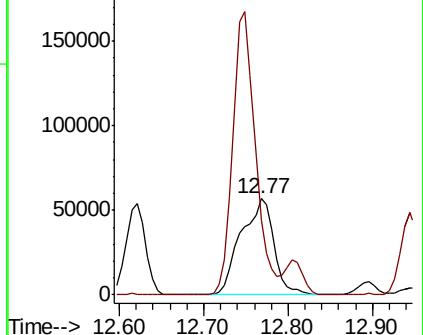
75 100

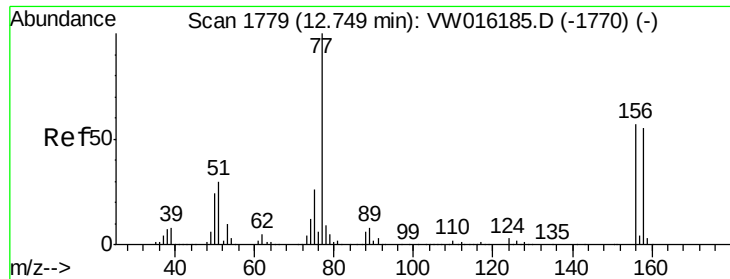
77 201.8 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.769 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

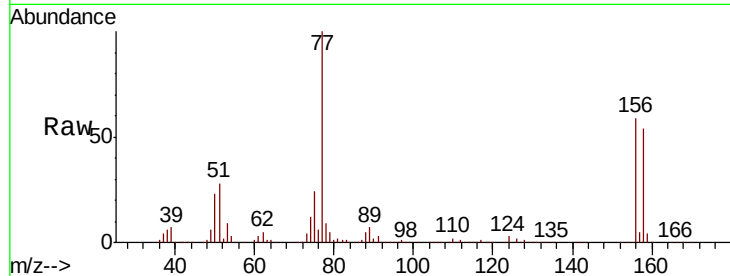
Tot Ion:156 Resp: 164156

Ion Ratio Lower Upper

156 100

77 185.3 97.9 293.6

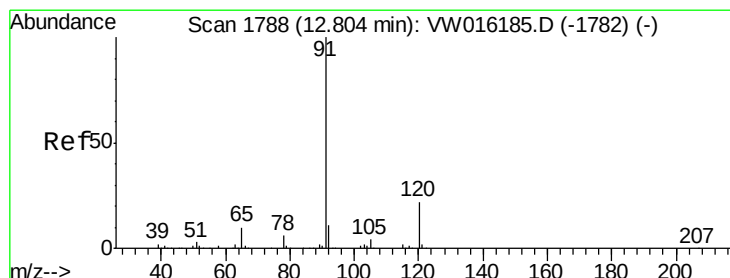
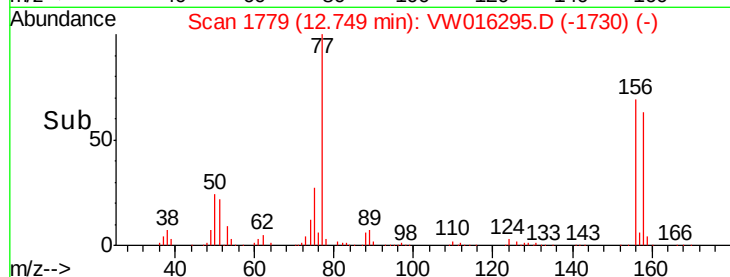
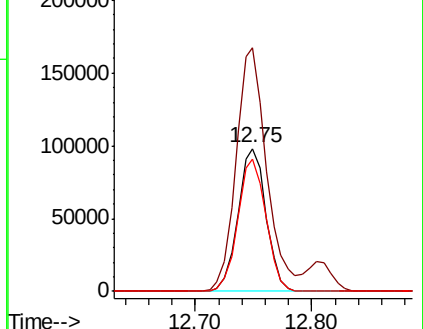
158 93.4 49.0 147.2



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: 53.883 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016295.D

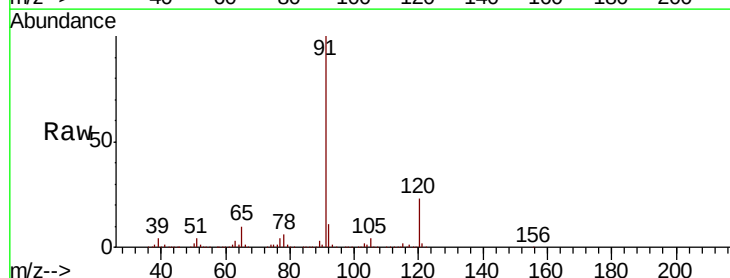
Acq: 21 Aug 2020 06:15

Tgt Ion: 91 Resp: 840845

Ion Ratio Lower Upper

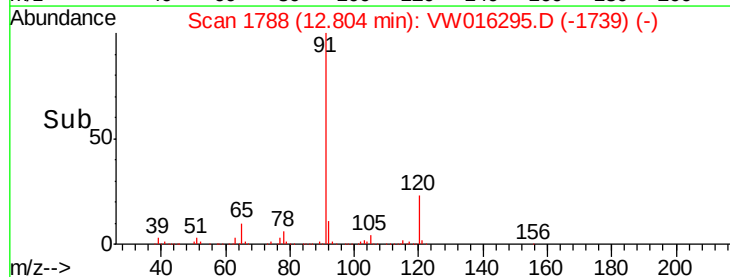
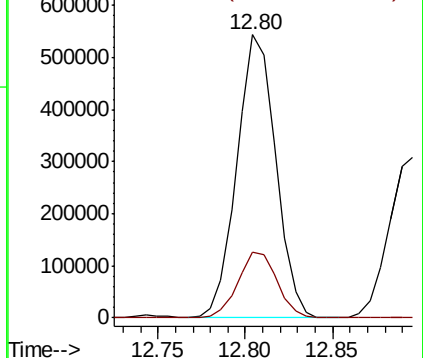
91 100

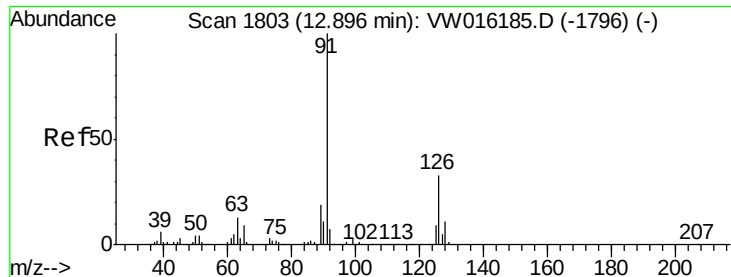
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.795 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

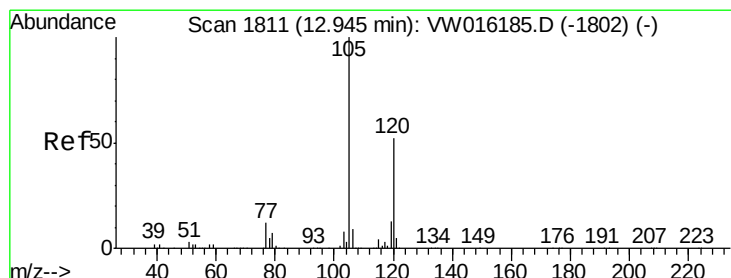
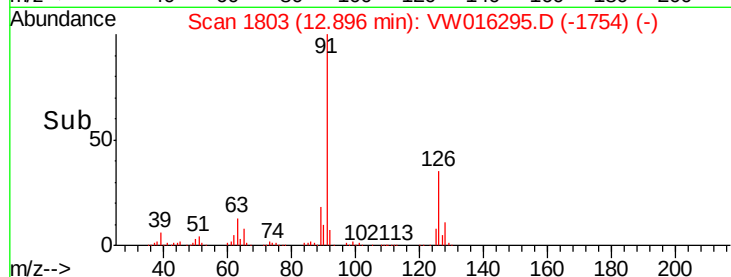
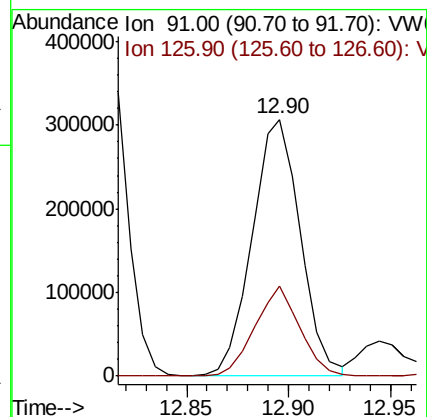
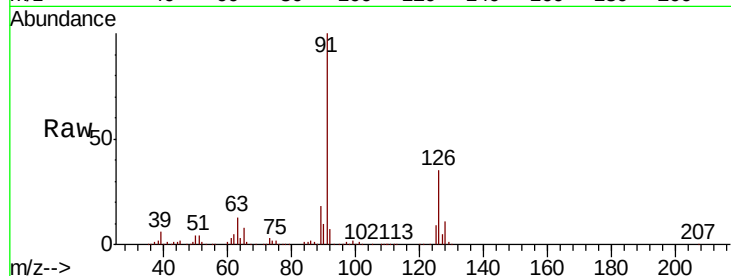
VSTDCCC050EC

Tot Ion: 91 Resp: 502956

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 55.472 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016295.D

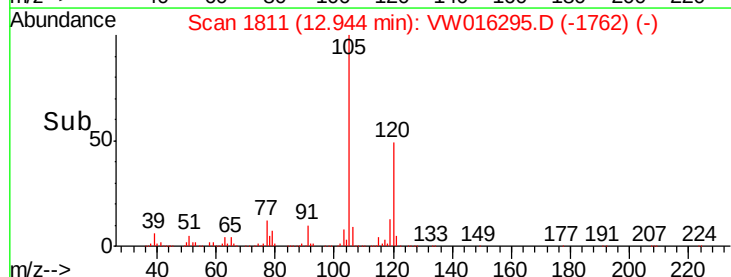
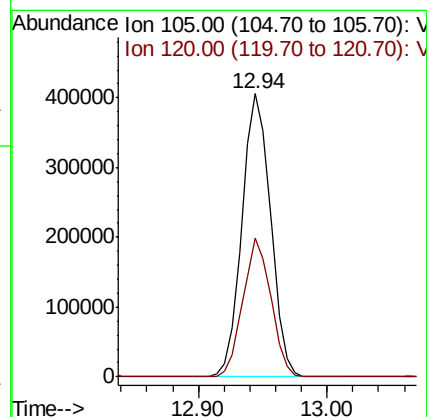
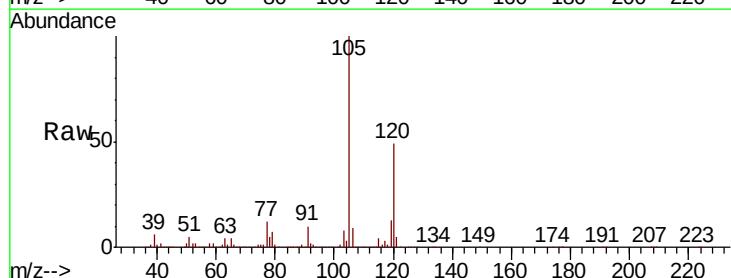
Acq: 21 Aug 2020 06:15

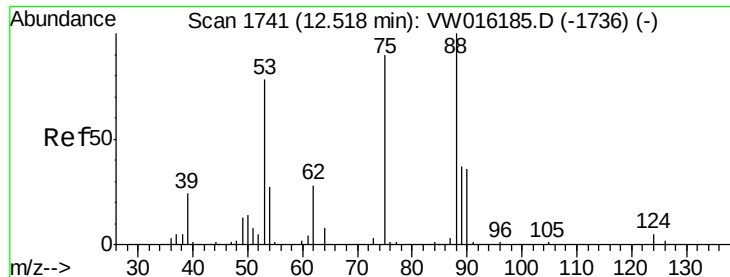
Tgt Ion: 105 Resp: 622546

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.565 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

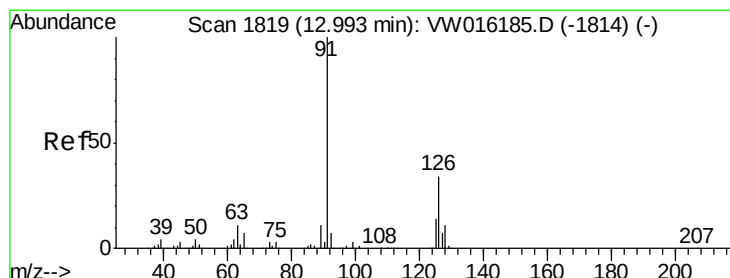
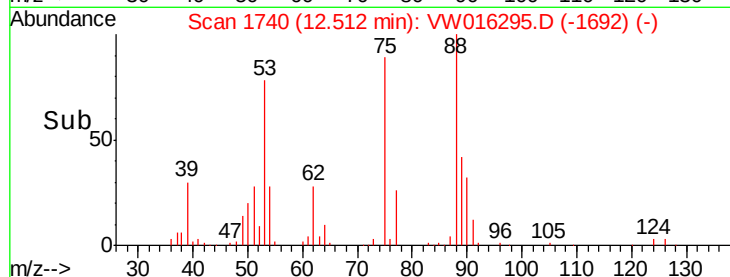
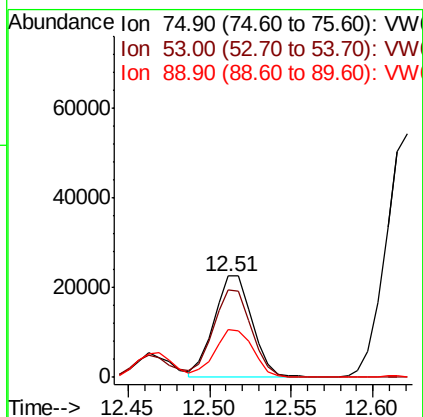
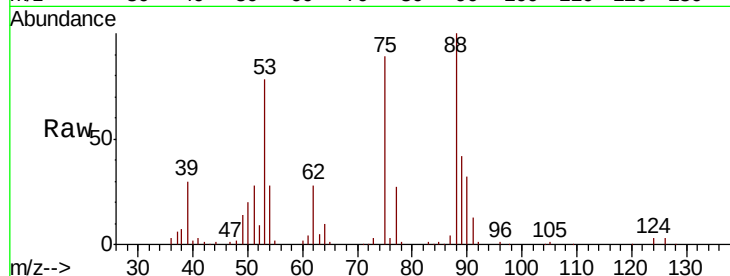
Tot Ion: 75 Resp: 36550

Ion Ratio Lower Upper

75 100

53 87.4 74.6 111.8

89 47.9 37.2 55.8



#82

4-Chlorotoluene

Concen: 54.219 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016295.D

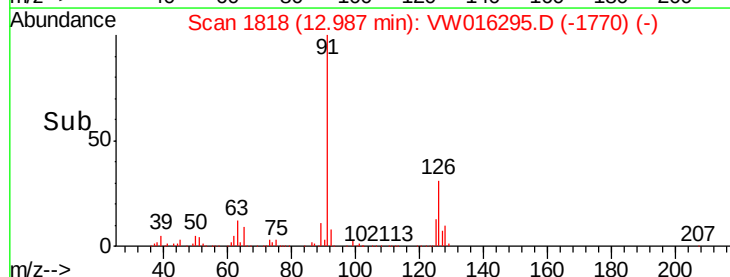
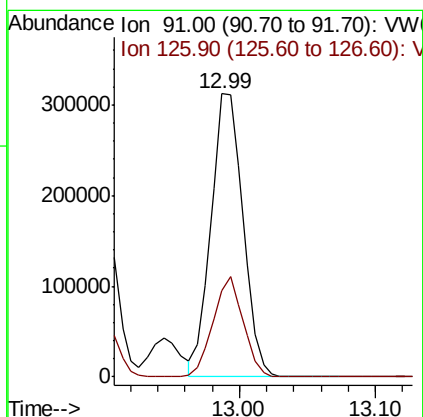
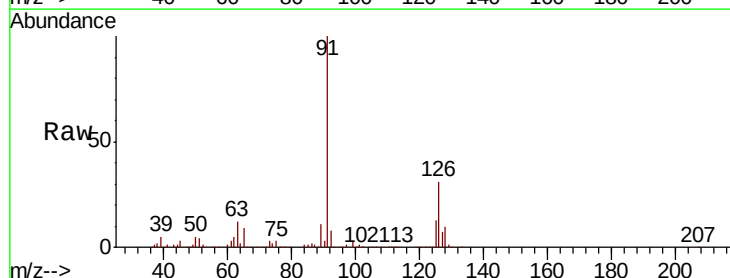
Acq: 21 Aug 2020 06:15

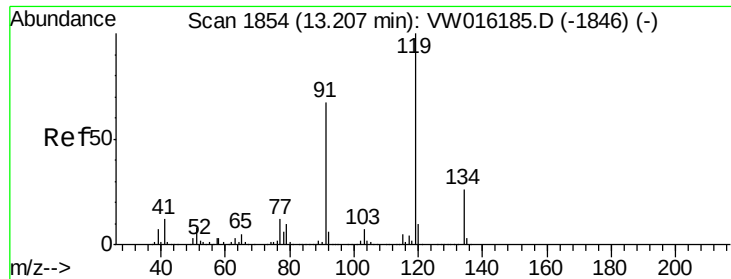
Tgt Ion: 91 Resp: 508812

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.8

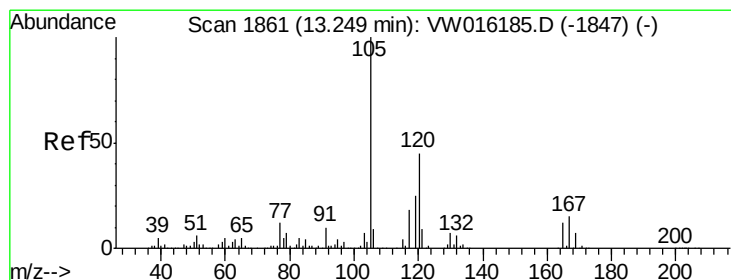
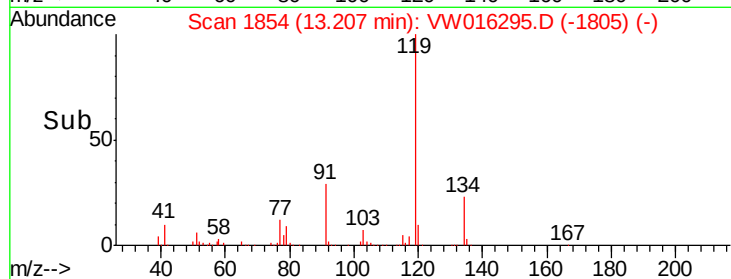
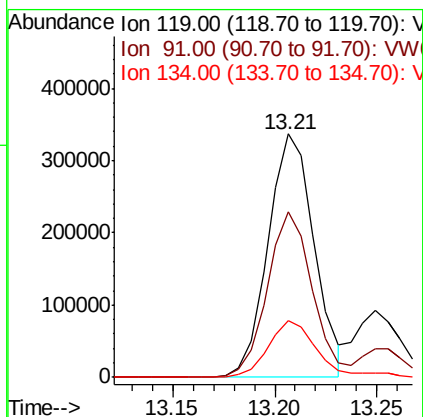
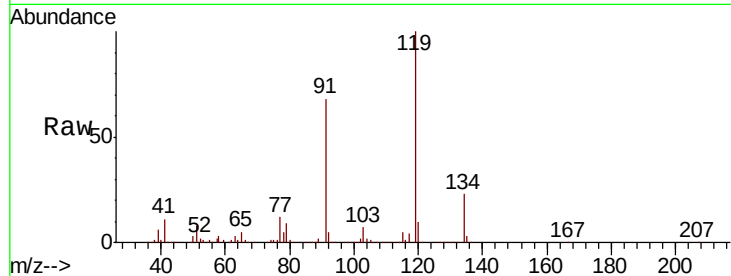




#83
 tert-Butylbenzene
 Concen: 57.768 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

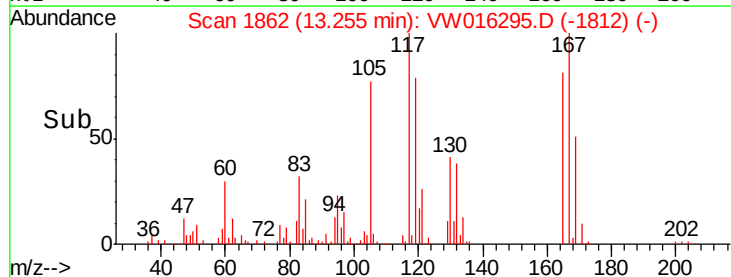
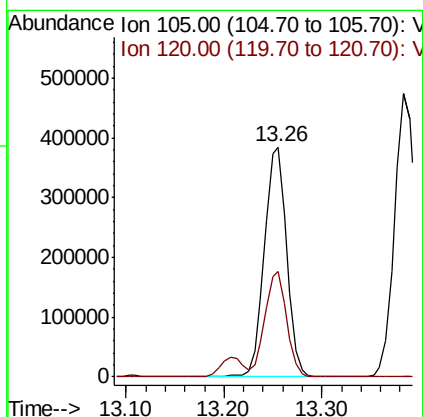
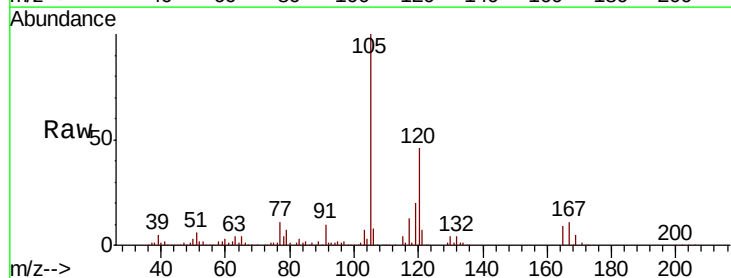
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

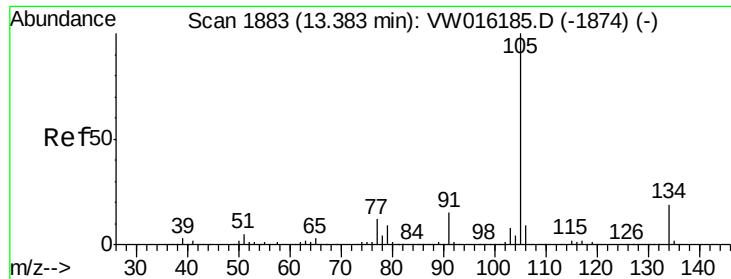
Tot Ion:119 Resp: 531325
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.3 99.9
 134 25.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.652 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion:105 Resp: 618036
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.2 66.6

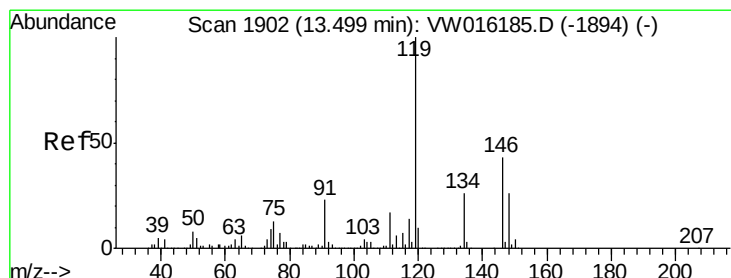
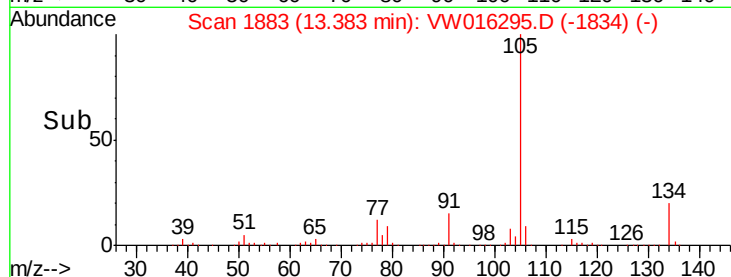
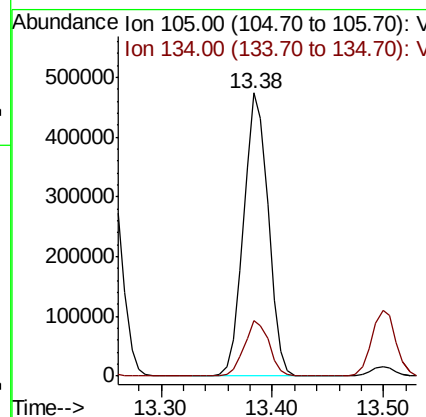
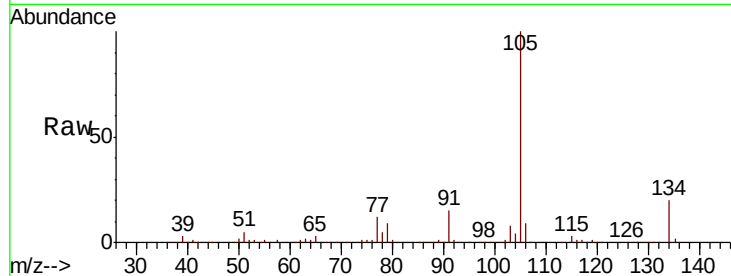




#85
 sec-Butylbenzene
 Concen: 54.296 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

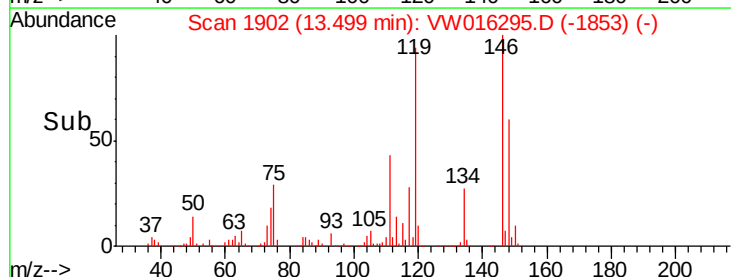
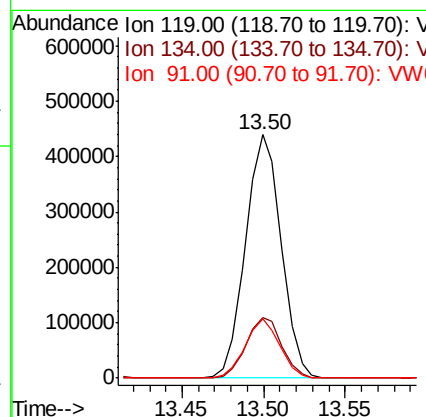
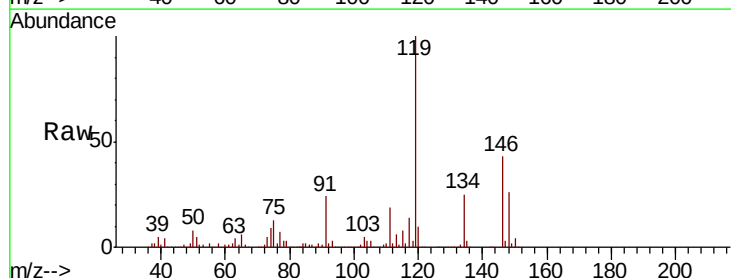
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

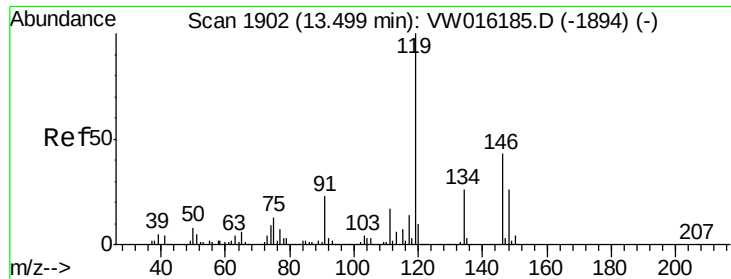
Tot Ion:105 Resp: 725829
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.225 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion:119 Resp: 667718
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.4
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.407 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

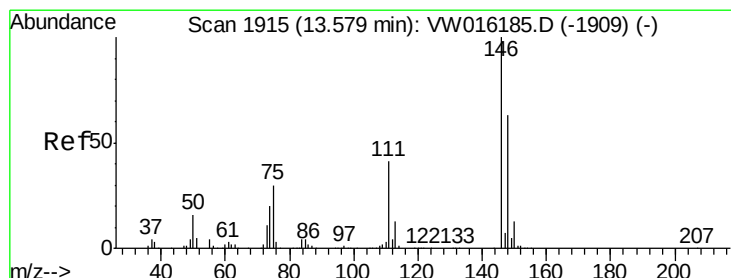
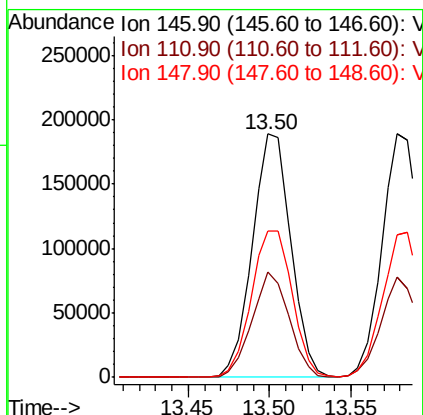
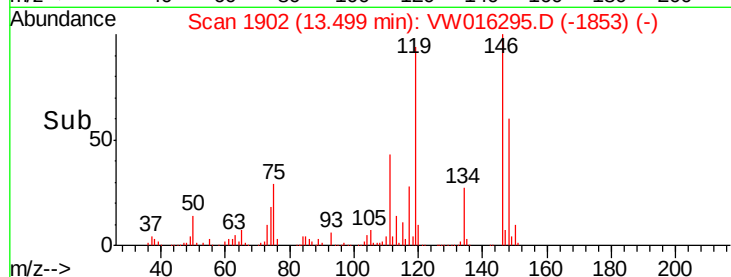
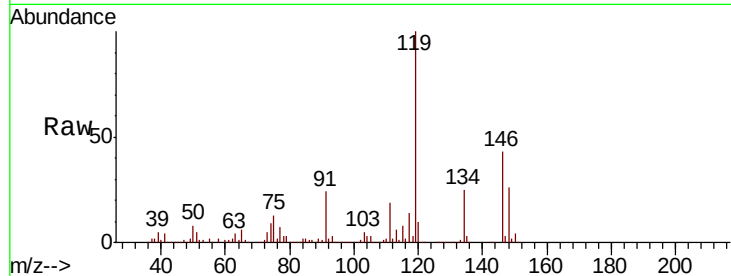
Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 309282

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.5
148	63.6	31.1	93.5



#88

1,4-Dichlorobenzene

Concen: 54.059 ug/l

RT: 13.58 min Scan# 1915

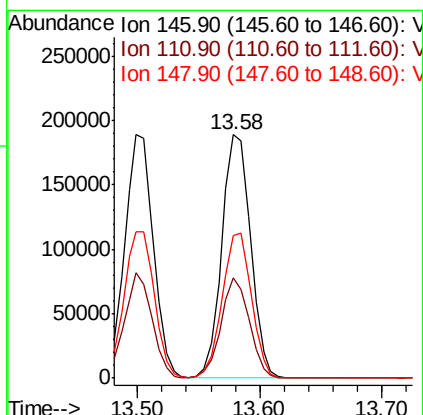
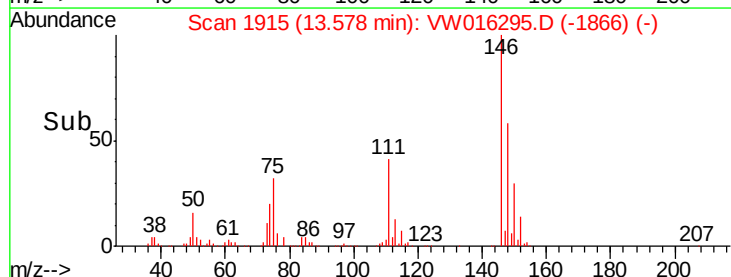
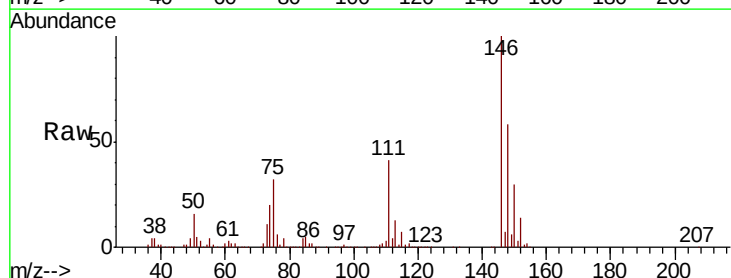
Delta R.T. -0.00 min

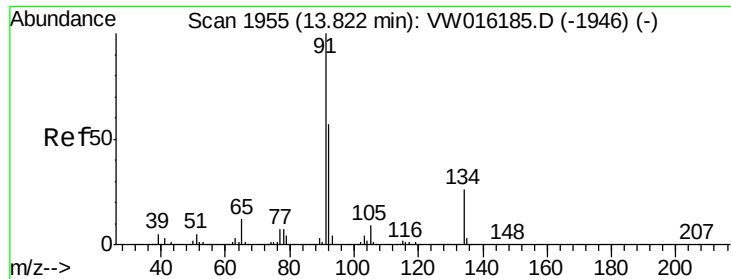
Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:146 Resp: 308261

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.2
148	60.3	32.1	96.3

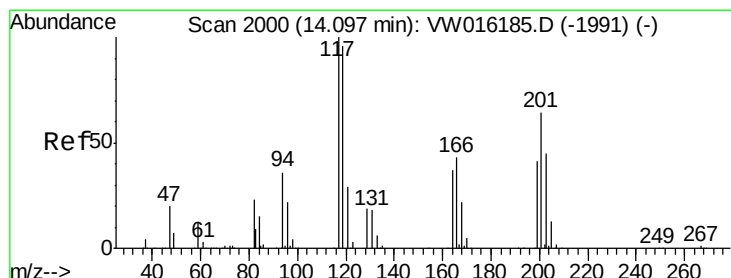
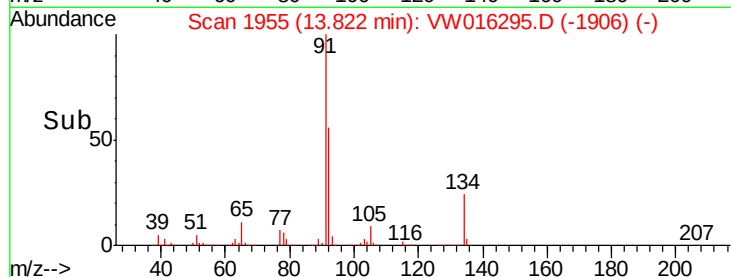
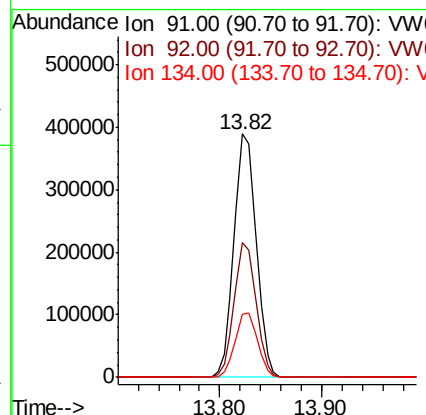
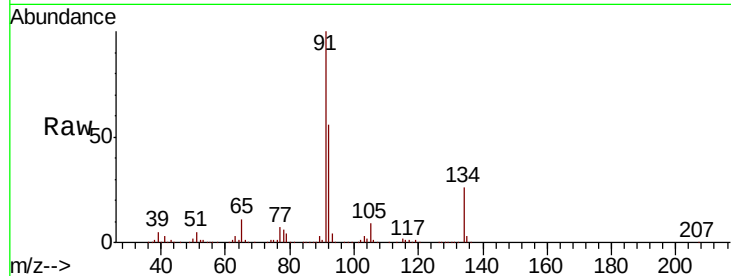




#89
n-Butylbenzene
Concen: 52.487 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

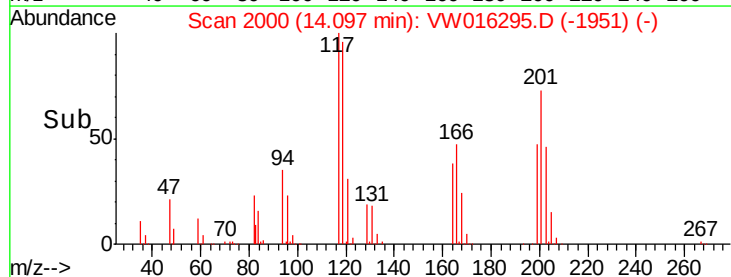
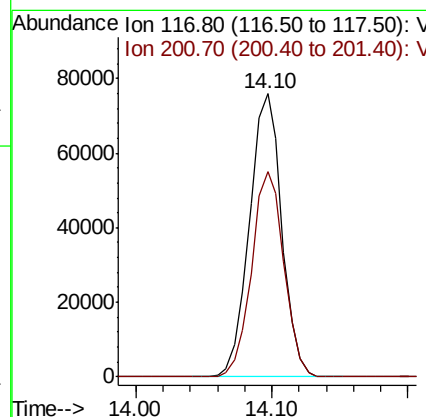
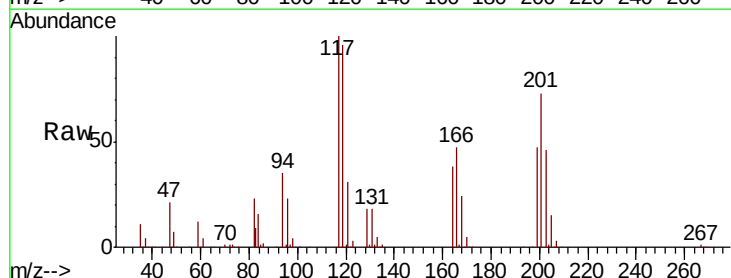
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

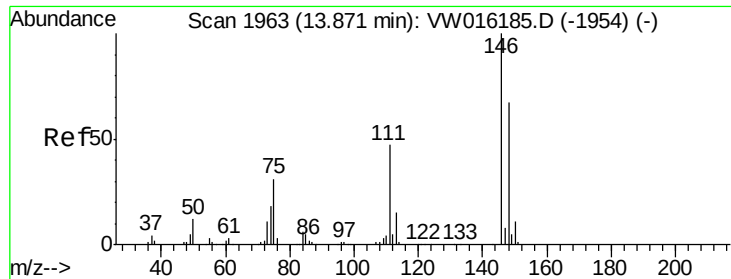
Tot Ion: 91 Resp: 587095
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 55.881 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 117 Resp: 126089
Ion Ratio Lower Upper
117 100
201 72.7 33.8 101.3

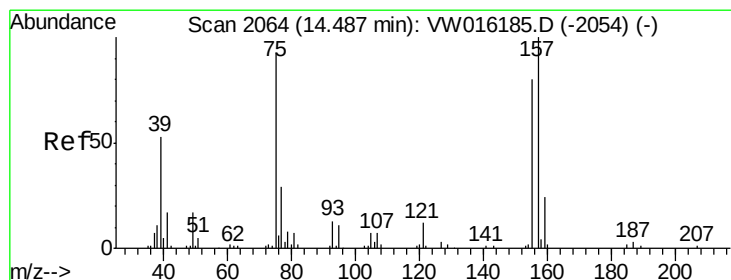
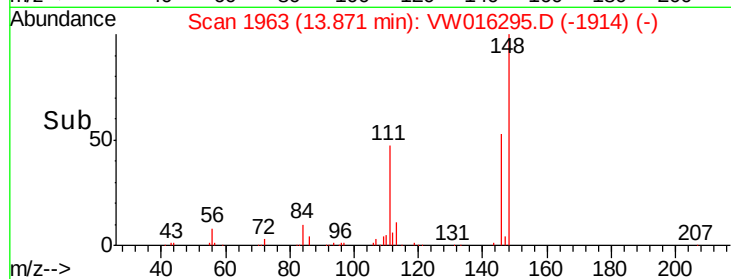
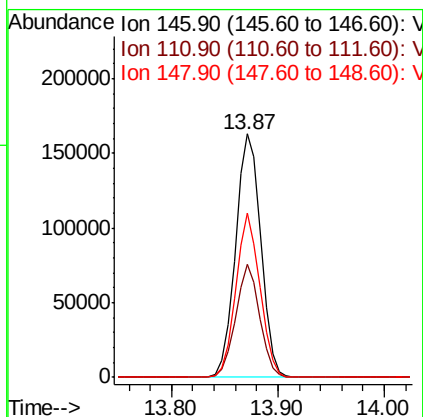
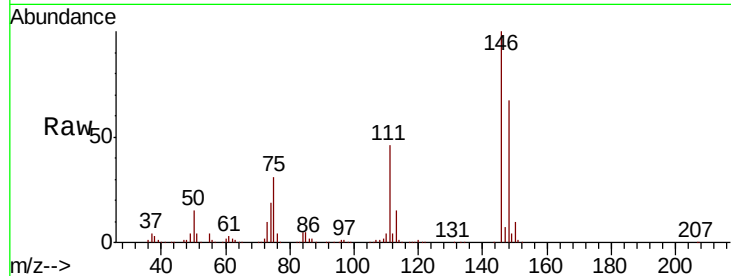




#91
 1,2-Dichlorobenzene
 Concen: 53.637 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

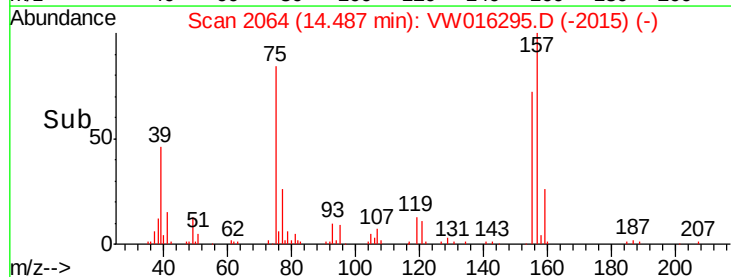
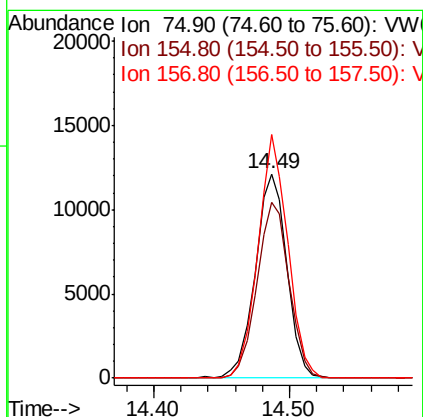
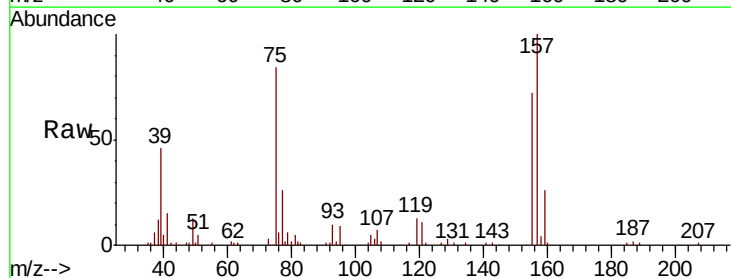
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

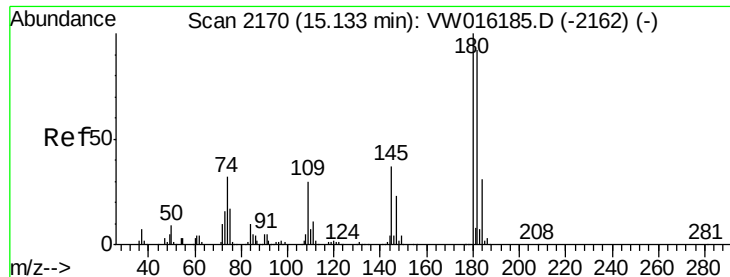
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.8
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.389 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	41.3	124.1
157	112.9	53.0	159.0

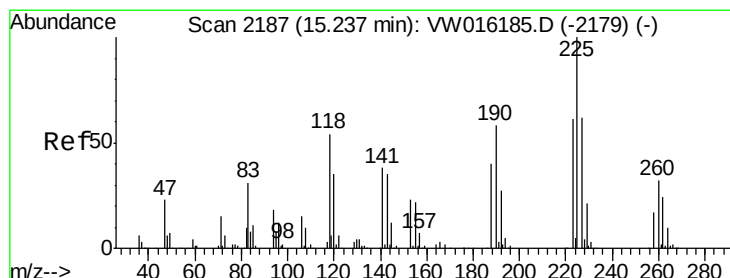
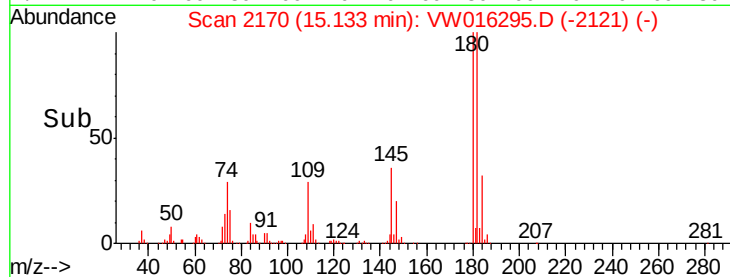
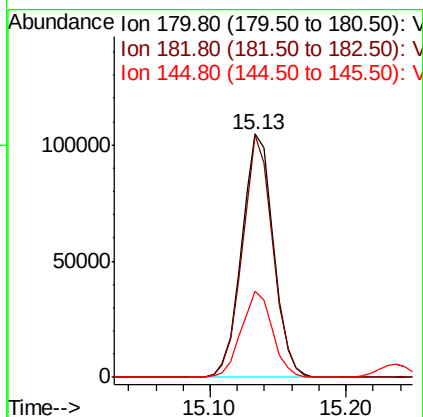
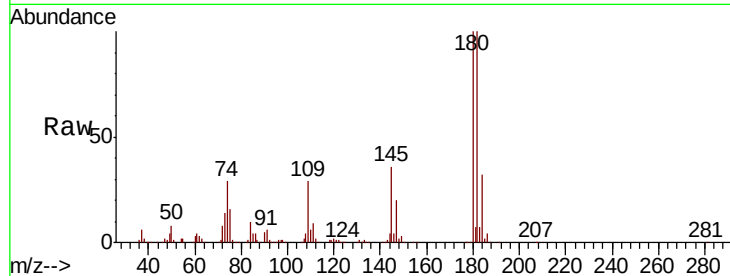




#93
 1,2,4-Trichlorobenzene
 Concen: 56.742 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

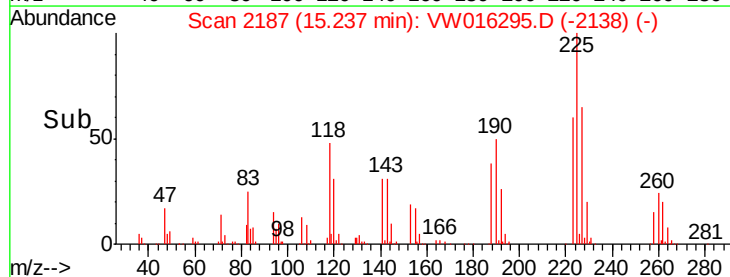
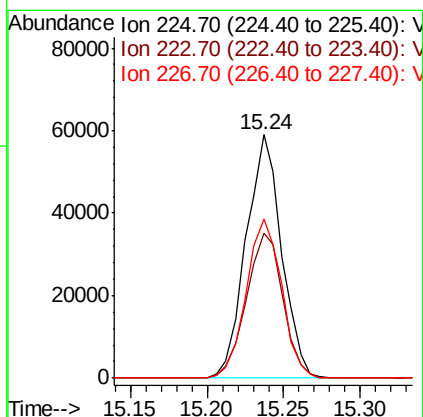
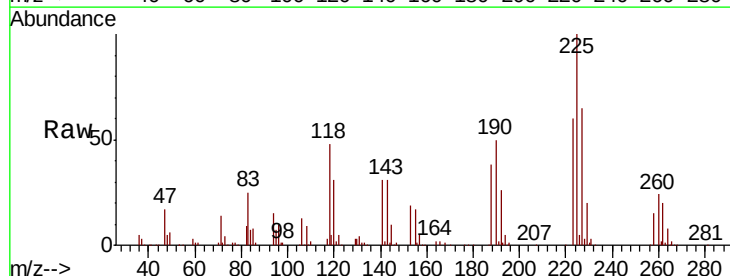
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

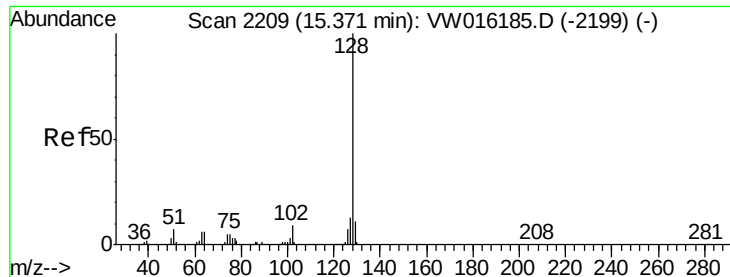
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.0	138.0
145	34.7	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 53.135 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	33.0	99.0
227	65.4	32.0	96.2

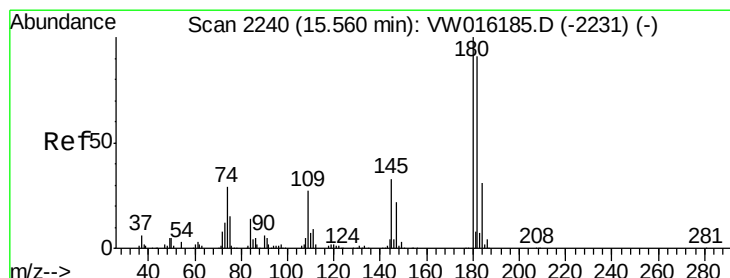
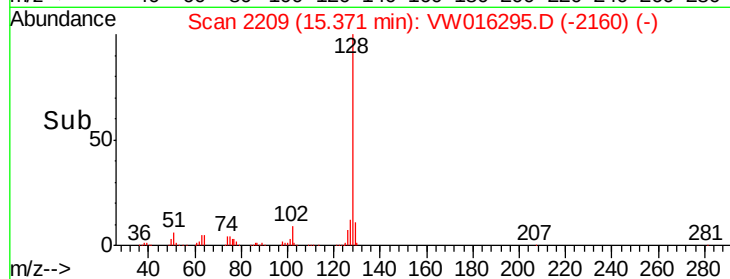
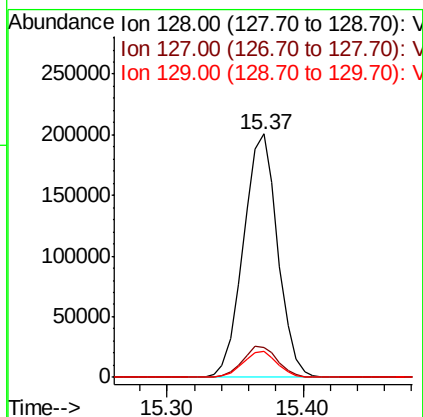
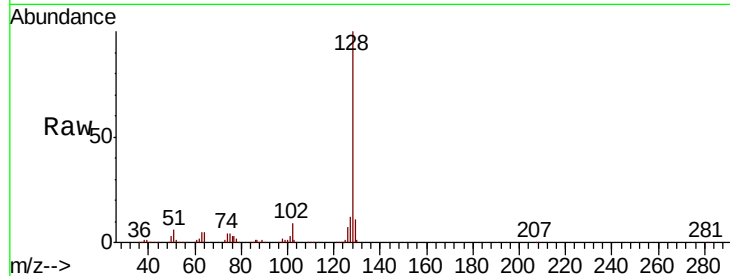




#95
Naphthalene
Concen: 55.548 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 353356
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 60.973 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:180 Resp: 157652
Ion Ratio Lower Upper
180 100
182 91.5 47.7 143.1
145 33.5 17.4 52.3

