

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016276.D
 Acq On : 20 Aug 2020 21:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 21 03:49:00 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	223195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116479	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
35) Dibromofluoromethane	7.88	113	118697	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.32	98	461705	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	169430	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74445	49.047	ug/l	91
3) Chloromethane	2.21	50	72768	45.029	ug/l	98
4) Vinyl Chloride	2.36	62	100792	44.561	ug/l	98
5) Bromomethane	2.78	94	73493	52.257	ug/l	100
6) Chloroethane	2.92	64	61226	47.931	ug/l	98
7) Trichlorofluoromethane	3.26	101	102183	55.802	ug/l	100
8) Diethyl Ether	3.68	74	60257	52.438	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	115305	48.020	ug/l	99
10) Methyl Iodide	4.27	142	175431	50.564	ug/l	100
11) Tert butyl alcohol	5.16	59	39005	336.712	ug/l	95
12) 1,1-Dichloroethene	4.04	96	116014	47.477	ug/l	97
13) Acrolein	3.89	56	52212	312.022	ug/l	99
14) Allyl chloride	4.67	41	156258	47.727	ug/l	97
15) Acrylonitrile	5.37	53	120914	279.255	ug/l	99
16) Acetone	4.12	43	103392	247.962	ug/l	99
17) Carbon Disulfide	4.38	76	341224	47.558	ug/l	100
18) Methyl Acetate	4.67	43	51324	52.858	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	173321	57.604	ug/l	97
20) Methylene Chloride	4.91	84	142443	55.542	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	131538	49.432	ug/l	99
22) Diisopropyl ether	6.31	45	314283	50.920	ug/l	98
23) Vinyl Acetate	6.26	43	951573	269.247	ug/l	99
24) 1,1-Dichloroethane	6.22	63	211773	49.160	ug/l	100
25) 2-Butanone	7.17	43	150099	268.604	ug/l	100
26) 2,2-Dichloropropane	7.17	77	135359	48.643	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	142536	51.895	ug/l	99
28) Bromochloromethane	7.51	49	80629	49.333	ug/l	95
29) Tetrahydrofuran	7.53	42	94853	283.959	ug/l	95
30) Chloroform	7.68	83	227433	50.813	ug/l	97
31) Cyclohexane	7.96	56	180874	45.535	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	193214	51.380	ug/l	98
36) 1,1-Dichloropropene	8.09	75	175757	49.010	ug/l	98
37) Ethyl Acetate	7.25	43	67260	54.703	ug/l	98
38) Carbon Tetrachloride	8.07	117	182451	50.981	ug/l	97

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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)
39) Methylcyclohexane	9.34	83	219584	50.833	ug/l	97
40) Benzene	8.32	78	498418	49.404	ug/l	99
41) Methacrylonitrile	7.48	41	37394	53.288	ug/l	93
42) 1,2-Dichloroethane	8.40	62	139931	52.517	ug/l	100
43) Isopropyl Acetate	8.43	43	126582	54.721	ug/l	99
44) Trichloroethene	9.09	130	138609	48.510	ug/l	96
45) 1,2-Dichloropropane	9.37	63	116389	48.941	ug/l	99
46) Dibromomethane	9.46	93	67033	53.689	ug/l	98
47) Bromodichloromethane	9.65	83	170845	52.962	ug/l	98
48) Methyl methacrylate	9.43	41	59884	55.687	ug/l	97
49) 1,4-Dioxane	9.45	88	21748	1383.313	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	333441	285.004	ug/l	99
52) Toluene	10.39	92	330092	51.096	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	164187	54.971	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	195133	52.566	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	95131	53.102	ug/l	96
56) Ethyl methacrylate	10.65	69	120508	58.986	ug/l	98
57) 1,3-Dichloropropane	10.93	76	161016	52.826	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	250333	268.753	ug/l	98
59) 2-Hexanone	10.97	43	227661	284.443	ug/l	97
60) Dibromochloromethane	11.13	129	116489	54.660	ug/l	98
61) 1,2-Dibromoethane	11.24	107	94170	54.605	ug/l	97
64) Tetrachloroethene	10.87	164	113467	52.156	ug/l	92
65) Chlorobenzene	11.66	112	355288	52.281	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	130099	54.769	ug/l	97
67) Ethyl Benzene	11.73	91	633123	51.838	ug/l	100
68) m/p-Xylenes	11.84	106	489026	104.170	ug/l	99
69) o-Xylene	12.17	106	231762	55.415	ug/l	99
70) Styrene	12.18	104	395551	54.655	ug/l	99
71) Bromoform	12.35	173	61457	57.810	ug/l #	99
73) Isopropylbenzene	12.46	105	619649	50.310	ug/l	100
74) N-amyl acetate	12.27	43	119844	54.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107403	52.114	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	135522	91.172	ug/l	29
77) Bromobenzene	12.75	156	141098	51.794	ug/l	95
78) n-propylbenzene	12.80	91	736337	50.086	ug/l	100
79) 2-Chlorotoluene	12.90	91	422484	49.748	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	541276	51.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34363	55.450	ug/l	97
82) 4-Chlorotoluene	12.99	91	441342	49.919	ug/l	100
83) tert-Butylbenzene	13.21	119	452408	52.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	542400	51.843	ug/l	99
85) sec-Butylbenzene	13.38	105	638299	50.683	ug/l	99
86) p-Isopropyltoluene	13.50	119	596320	52.351	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271812	49.821	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	272217	50.671	ug/l	99
89) n-Butylbenzene	13.82	91	549336	52.130	ug/l	100
90) Hexachloroethane	14.10	117	108633	51.103	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	244418	51.386	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18281	57.703	ug/l	95

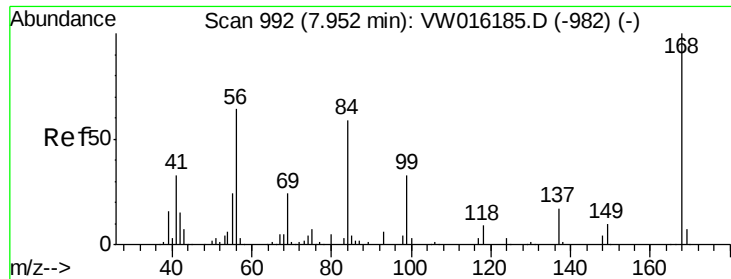
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	154973	54.636	ug/l	94
94) Hexachlorobutadiene	15.24	225	95315	56.521	ug/l	96
95) Naphthalene	15.36	128	322145	53.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	136449	56.016	ug/l	99

(#) = 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: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

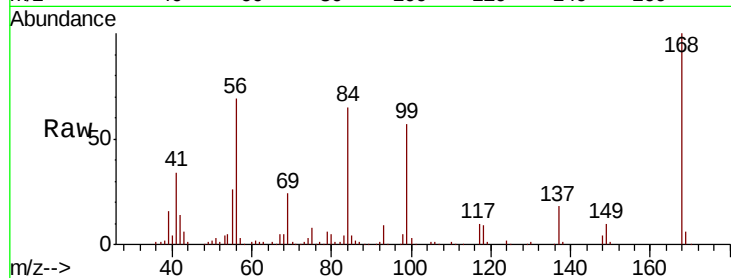
VSTDCCC050

Tot Ion:168 Resp: 223195

Ion Ratio Lower Upper

168 100

99 56.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

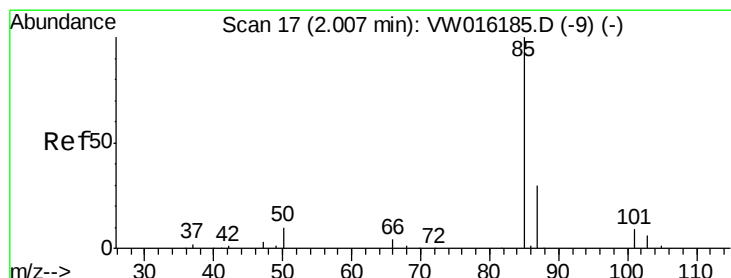
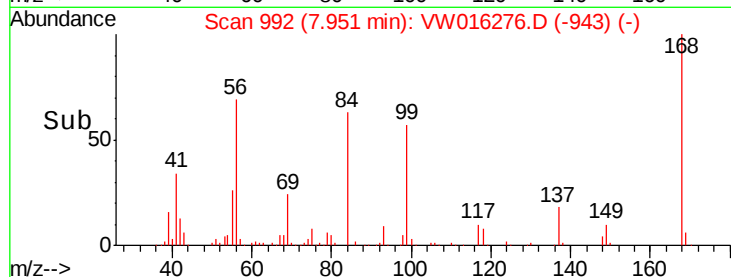
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 49.047 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016276.D

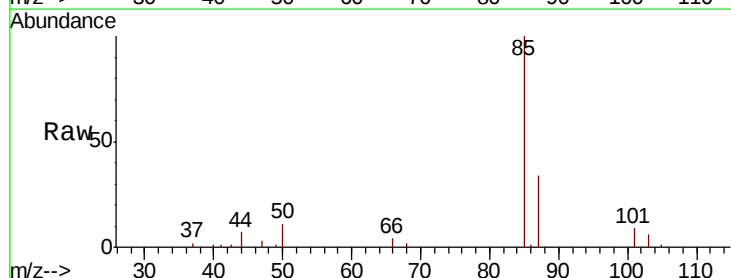
Acq: 20 Aug 2020 21:29

Tgt Ion: 85 Resp: 74445

Ion Ratio Lower Upper

85 100

87 34.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

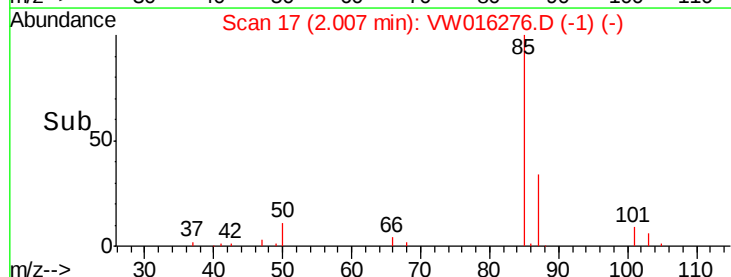
10000

5000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 45.029 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

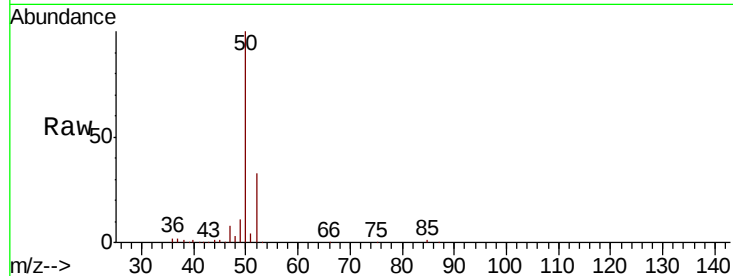
VSTDCCC050

Tot Ion: 50 Resp: 72768

Ion Ratio Lower Upper

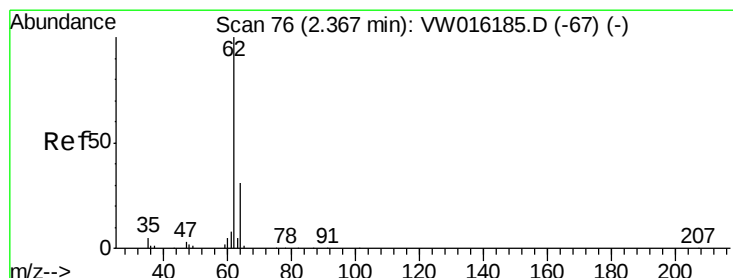
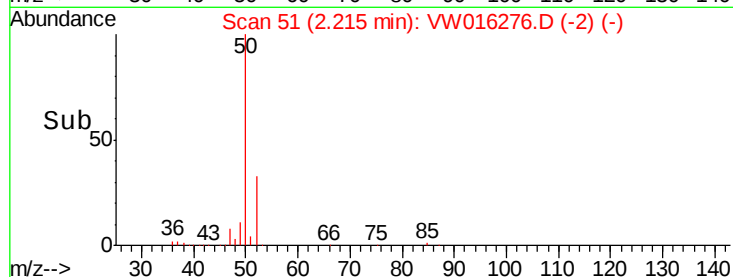
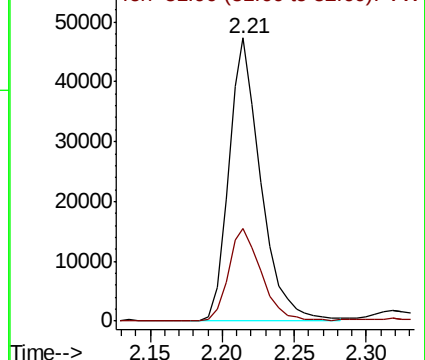
50 100

52 33.0 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: 44.561 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016276.D

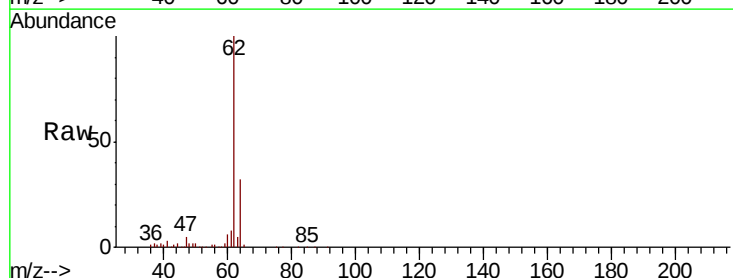
Acq: 20 Aug 2020 21:29

Tgt Ion: 62 Resp: 100792

Ion Ratio Lower Upper

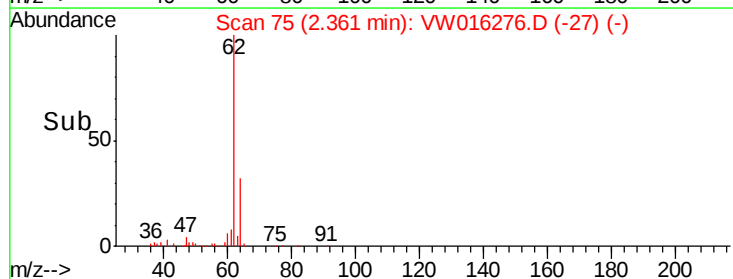
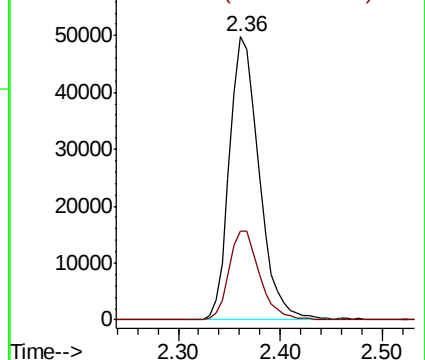
62 100

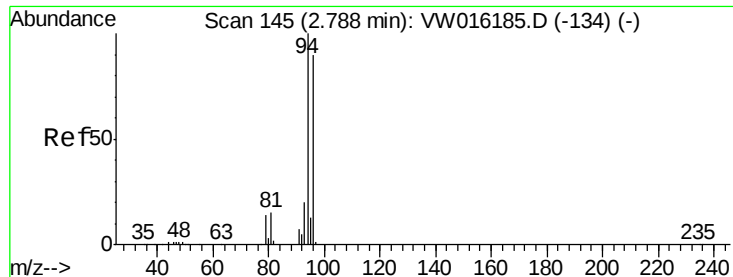
64 31.6 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 52.257 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

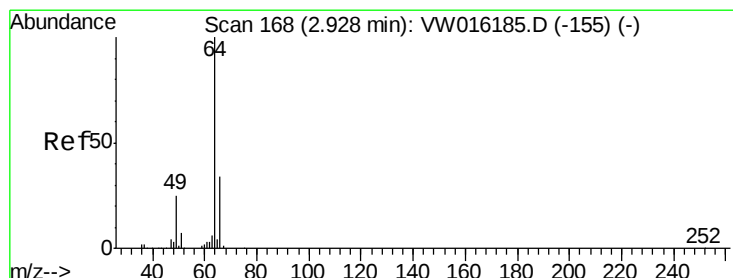
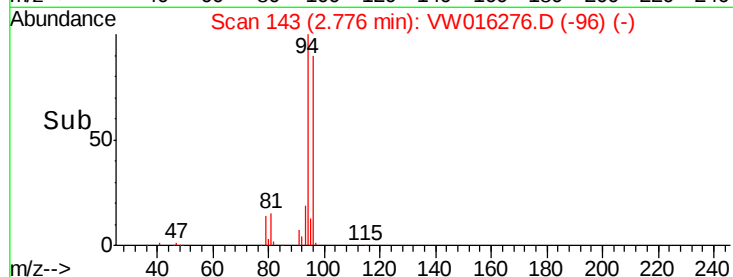
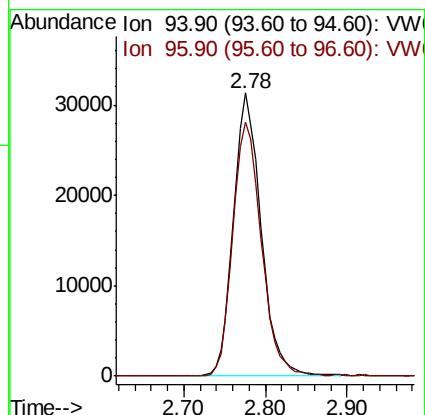
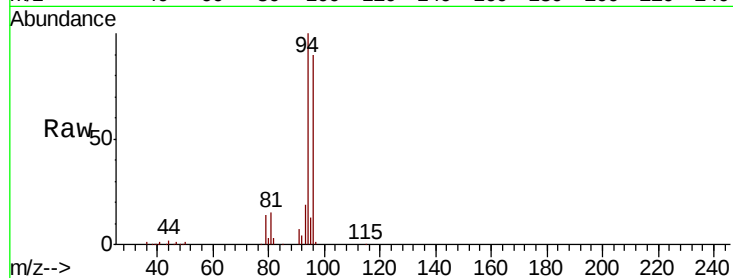
VSTDCCC050

Tot Ion: 94 Resp: 73493

Ion Ratio Lower Upper

94 100

96 89.7 71.8 107.6



#6

Chloroethane

Concen: 47.931 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016276.D

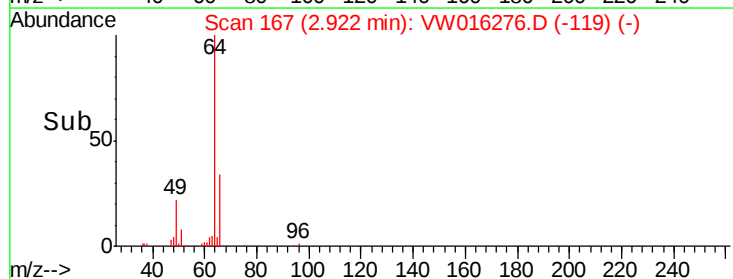
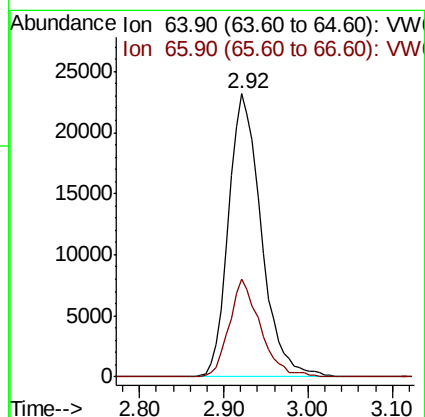
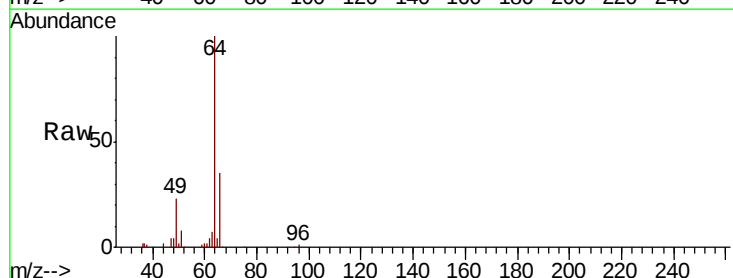
Acq: 20 Aug 2020 21:29

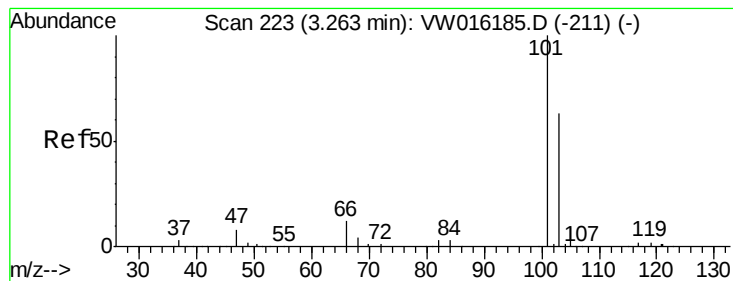
Tgt Ion: 64 Resp: 61226

Ion Ratio Lower Upper

64 100

66 34.6 26.9 40.3



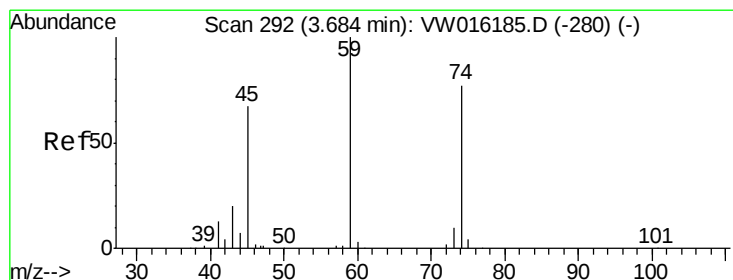
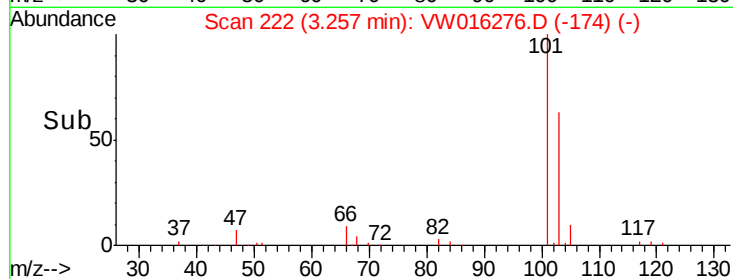
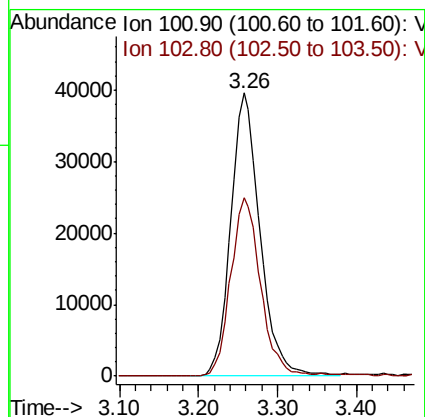
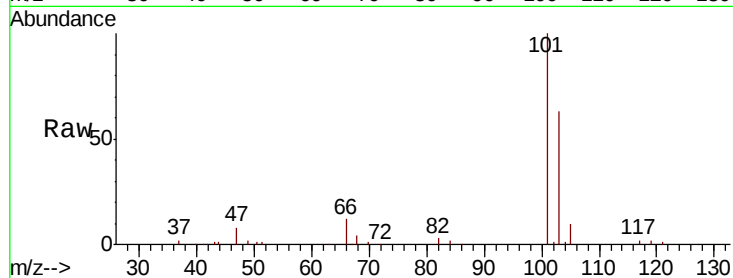


#7

Trichlorofluoromethane
 Concen: 55.802 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016276.D
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 ClientSampleId :
 VSTDCCC050

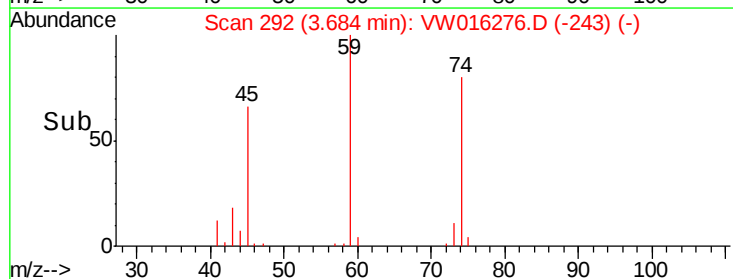
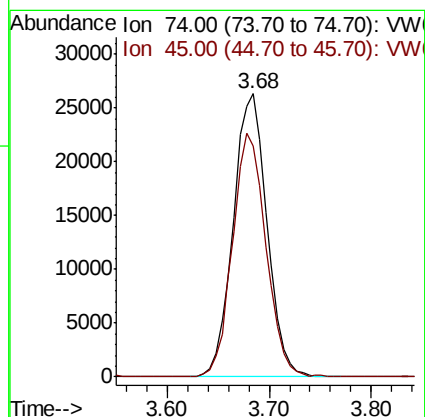
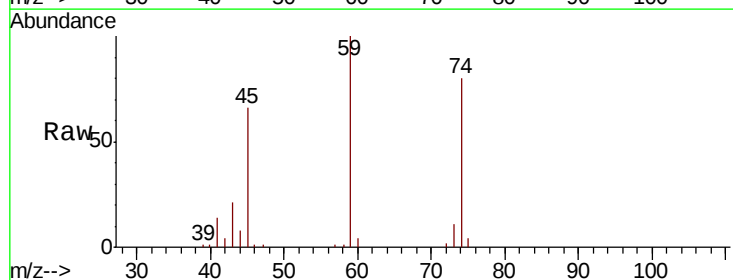
Tot Ion:101 Resp: 102183
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.4 75.6

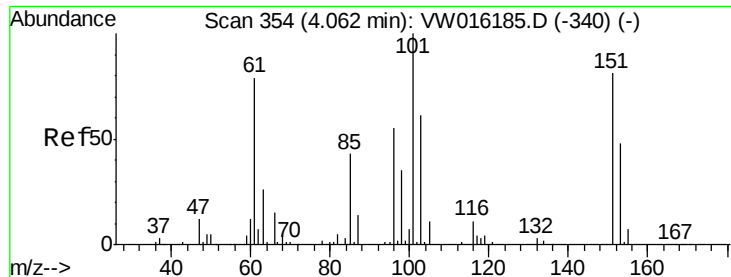


#8

Diethyl Ether
 Concen: 52.438 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 74 Resp: 60257
 Ion Ratio Lower Upper
 74 100
 45 85.4 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.020 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

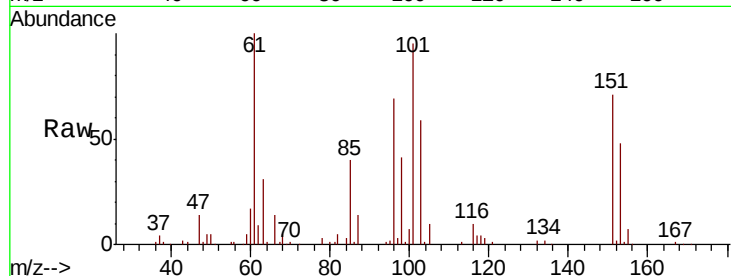
Tot Ion:101 Resp: 115305

Ion Ratio Lower Upper

101 100

85 42.2 33.3 49.9

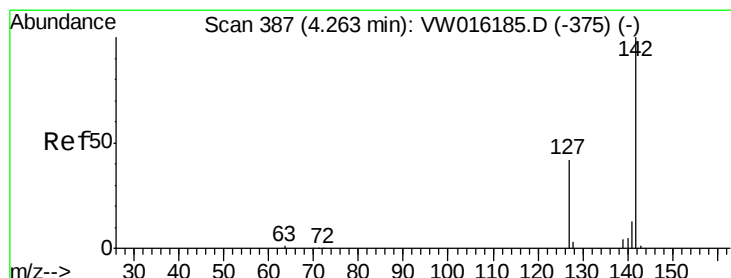
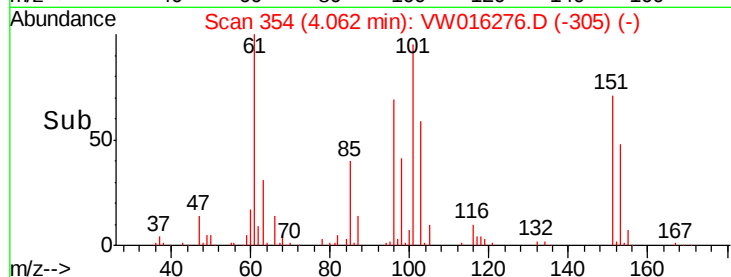
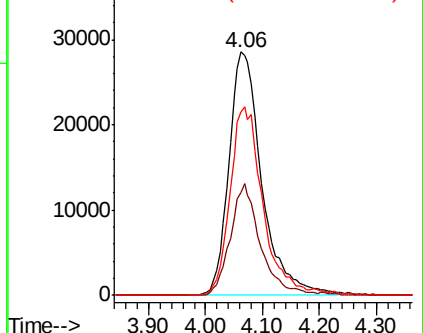
151 76.1 61.1 91.7



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: 50.564 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

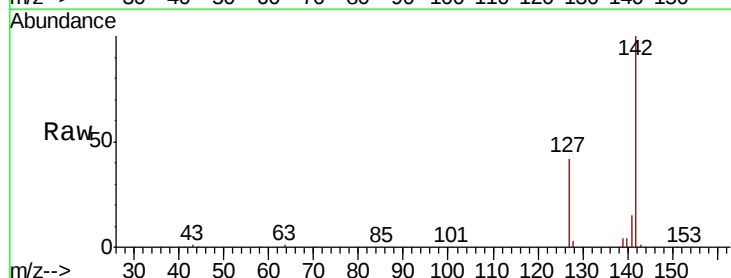
Tgt Ion:142 Resp: 175431

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

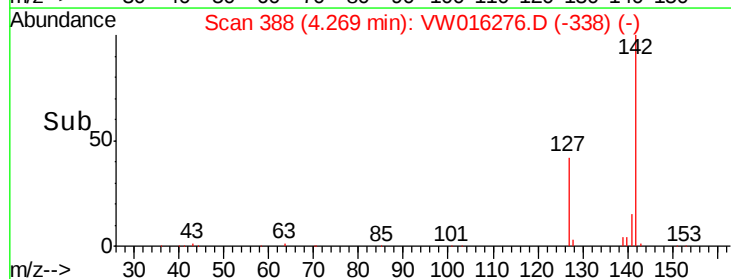
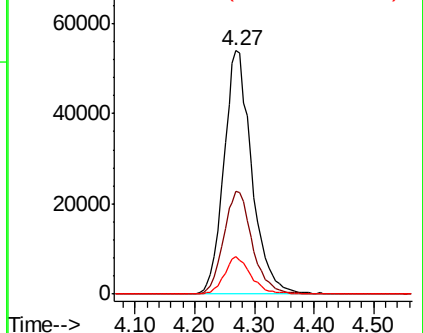
141 14.7 11.4 17.2

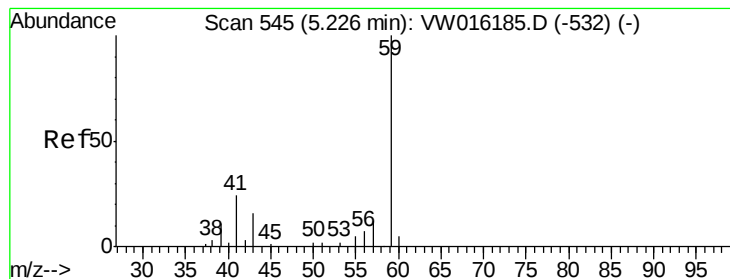


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



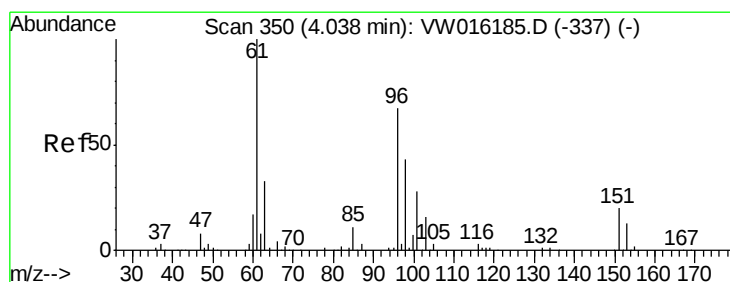
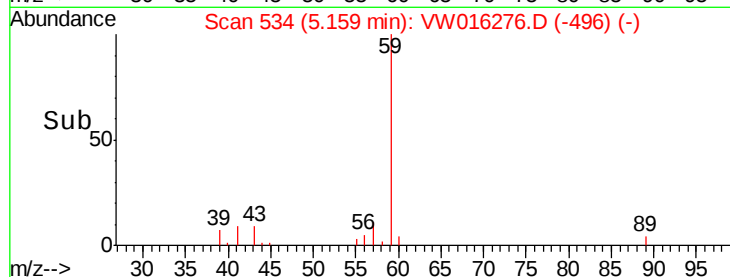
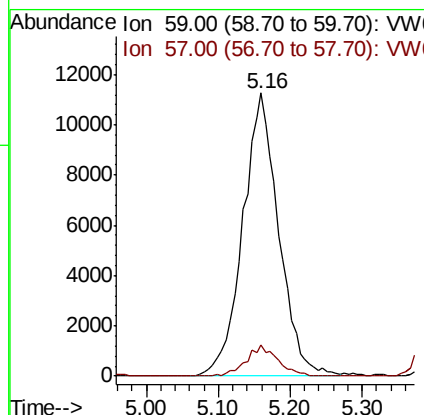
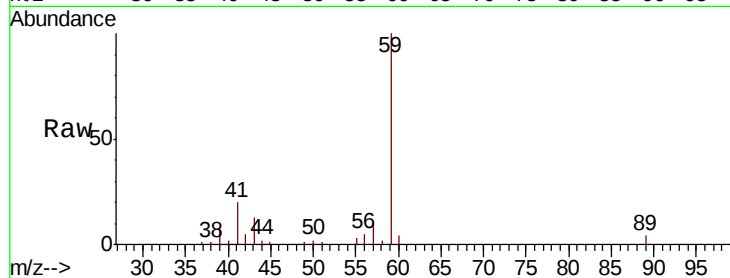


#11

Tert butyl alcohol
 Concen: 336.712 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.07 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

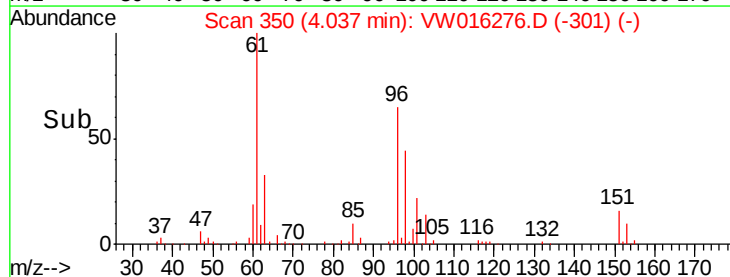
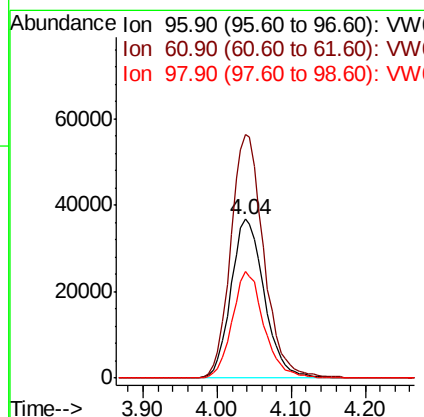
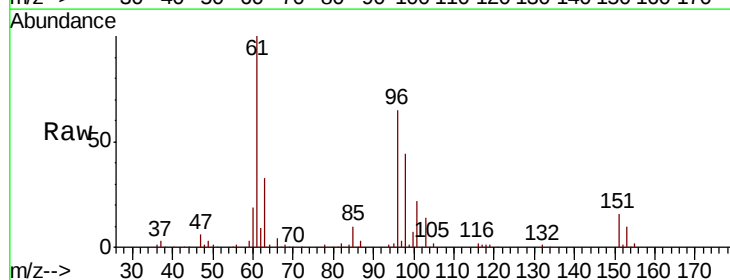
Tot Ion: 59 Resp: 39005
 Ion Ratio Lower Upper
 59 100
 57 9.5 9.0 13.6

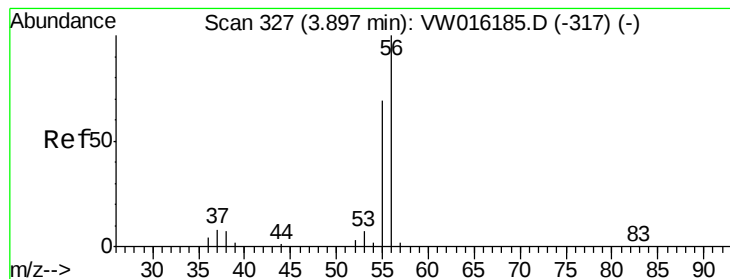


#12

1,1-Dichloroethene
 Concen: 47.477 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 96 Resp: 116014
 Ion Ratio Lower Upper
 96 100
 61 153.6 119.5 179.3
 98 67.1 51.3 76.9





#13

Acrolein

Concen: 312.022 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

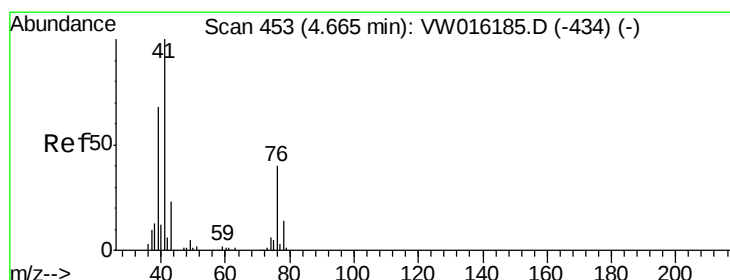
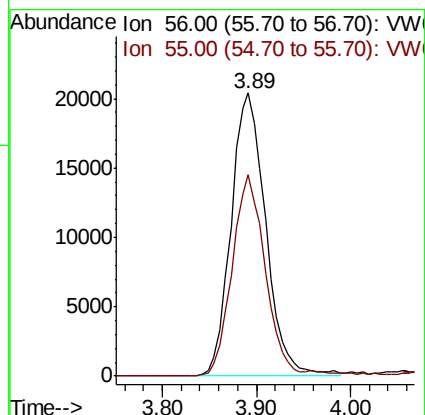
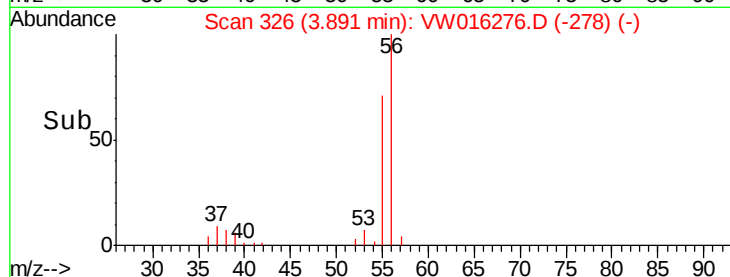
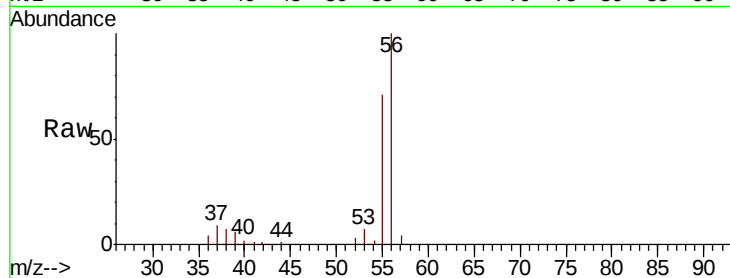
VSTDCCC050

Tot Ion: 56 Resp: 52212

Ion Ratio Lower Upper

56 100

55 67.6 55.0 82.6



#14

Allyl chloride

Concen: 47.727 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

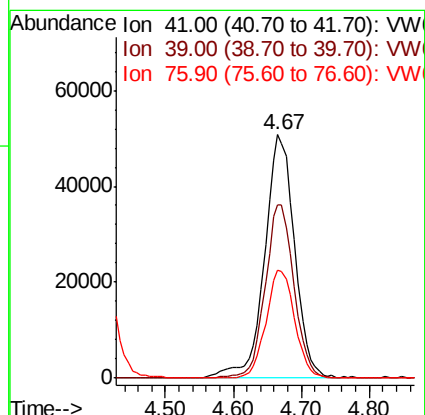
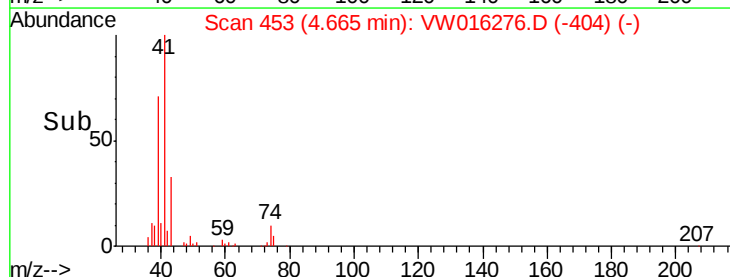
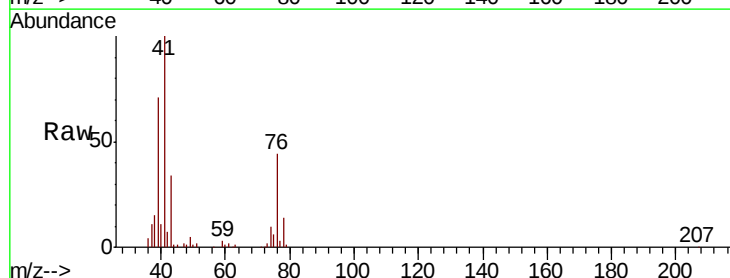
Tgt Ion: 41 Resp: 156258

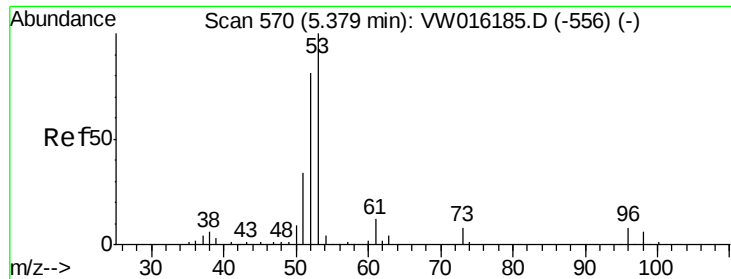
Ion Ratio Lower Upper

41 100

39 68.4 53.4 80.0

76 42.4 32.0 48.0





#15

Acrylonitrile

Concen: 279.255 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

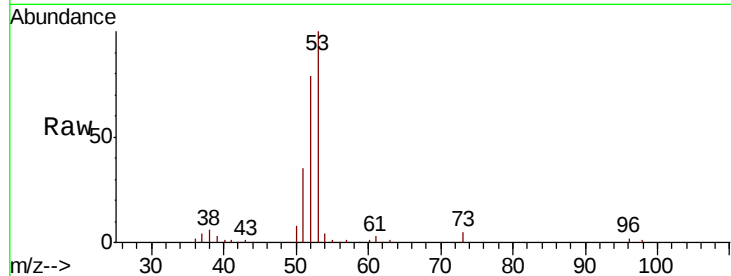
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 120914

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.3	97.9
51	36.4	29.0	43.4

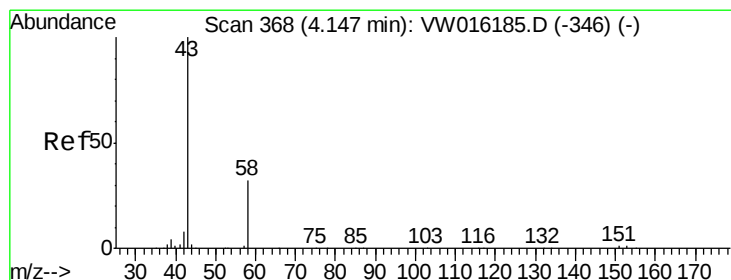
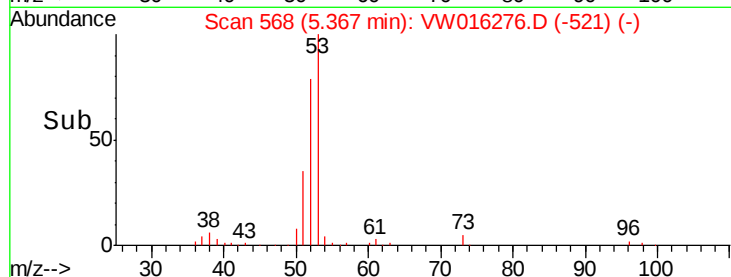
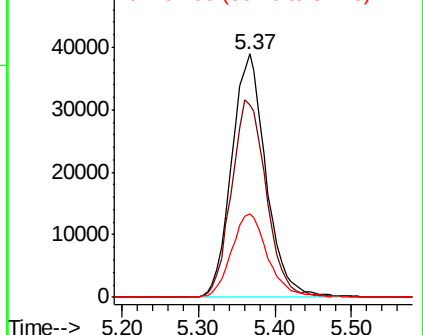


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 247.962 ug/l

RT: 4.12 min Scan# 363

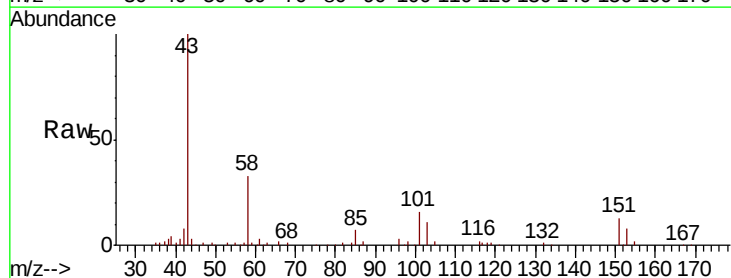
Delta R.T. -0.03 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 43 Resp: 103392

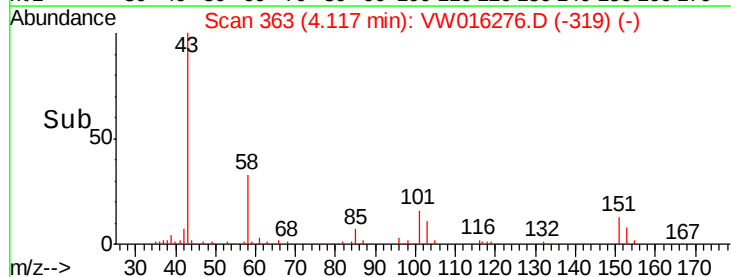
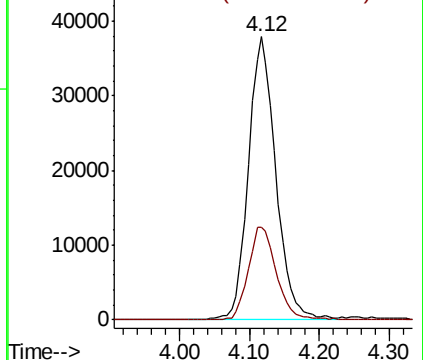
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.8	38.6

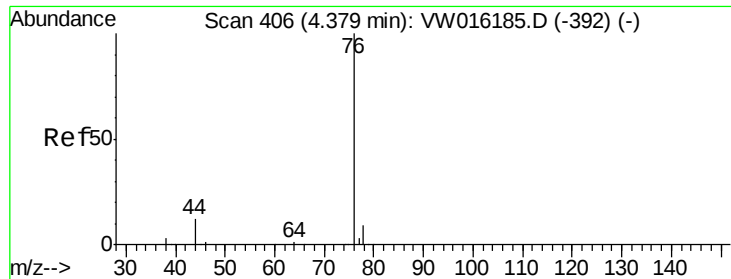


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

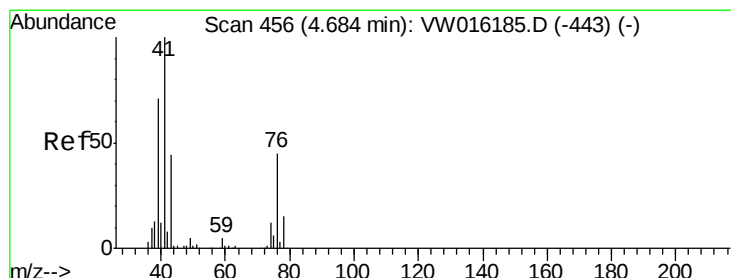
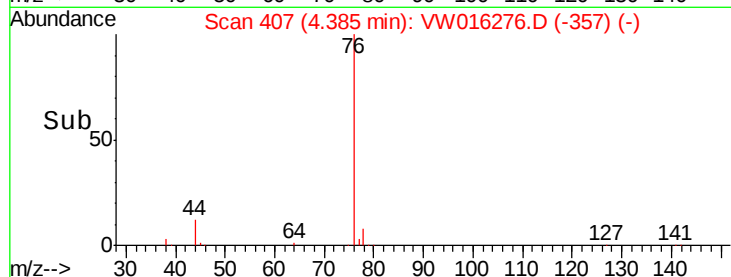
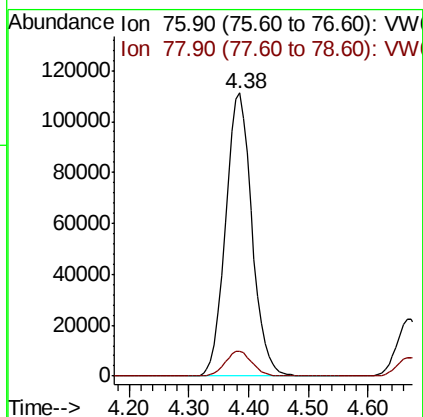
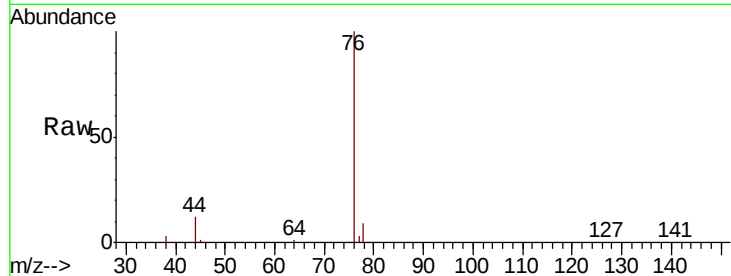




#17
Carbon Disulfide
Concen: 47.558 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

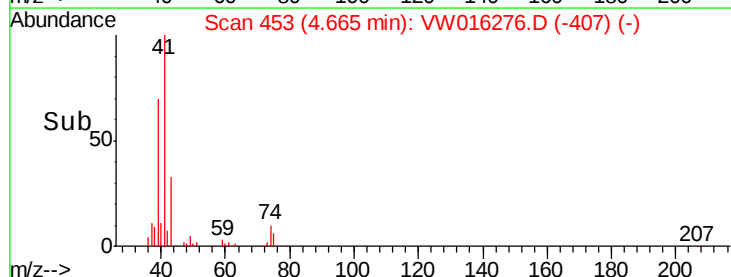
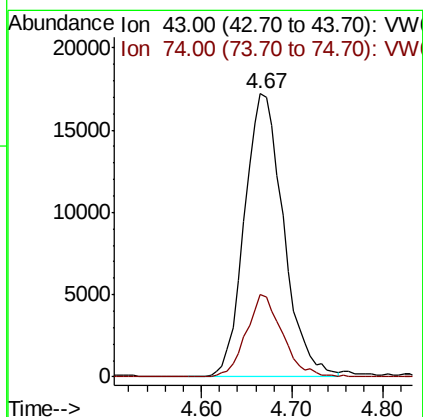
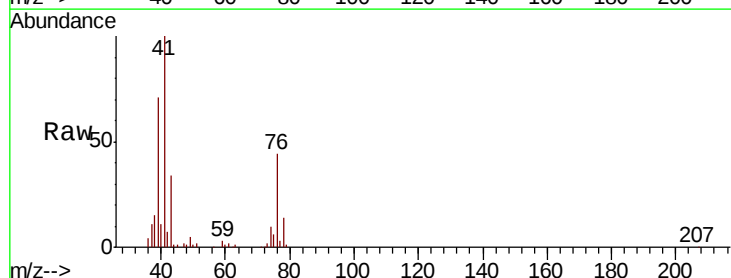
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

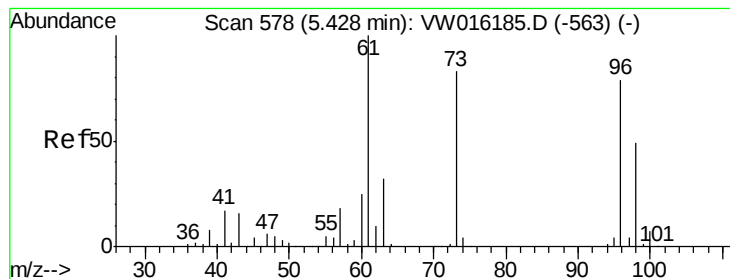
Tot Ion: 76 Resp: 341224
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 52.858 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 43 Resp: 51324
Ion Ratio Lower Upper
43 100
74 26.8 20.6 31.0



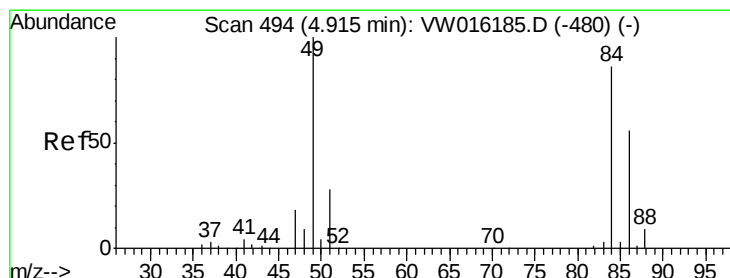
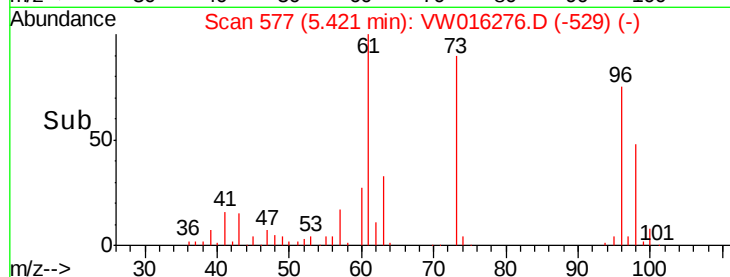
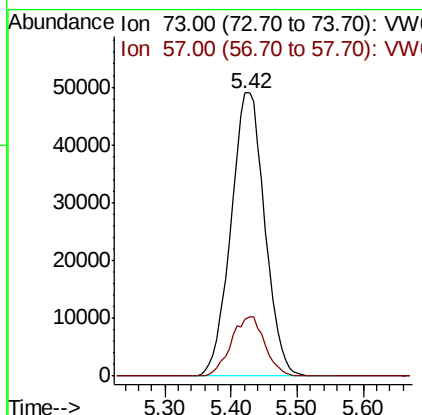
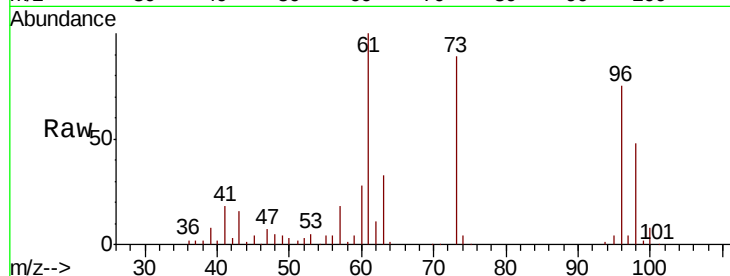


#19

Methyl tert-butyl Ether
 Concen: 57.604 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

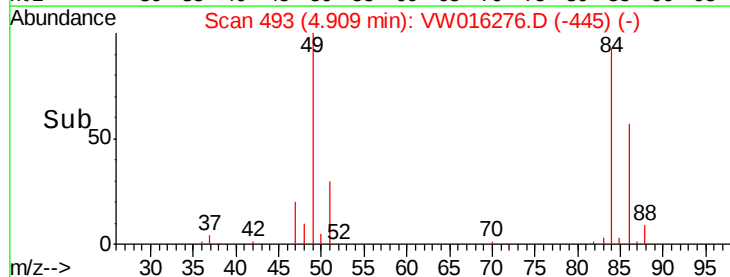
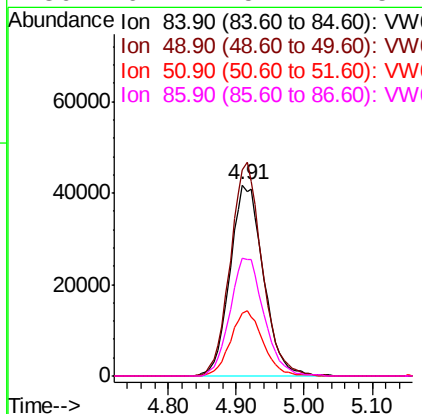
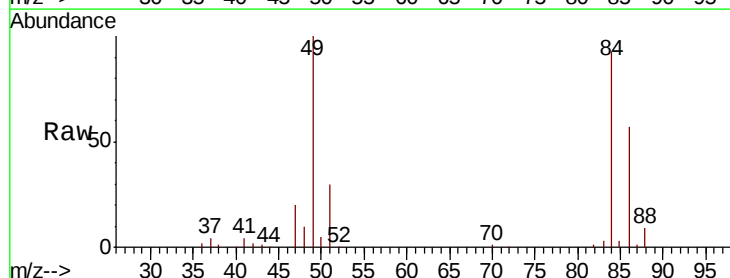
Tot Ion: 73 Resp: 173321
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.2 25.8

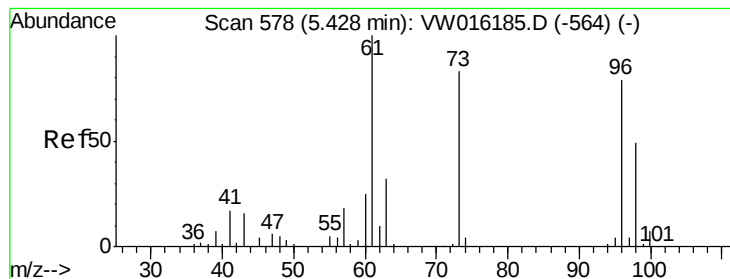


#20

Methylene Chloride
 Concen: 55.542 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 84 Resp: 142443
 Ion Ratio Lower Upper
 84 100
 49 107.5 93.4 140.2
 51 32.6 26.6 40.0
 86 61.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.432 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

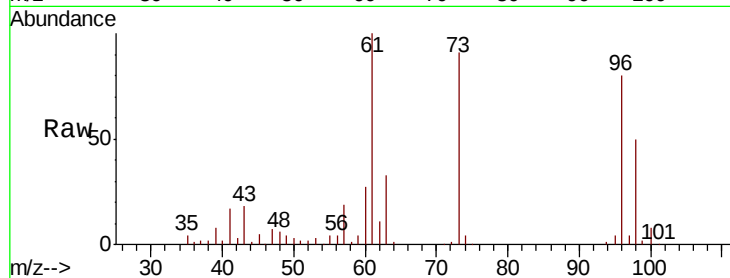
Tot Ion: 96 Resp: 131538

Ion Ratio Lower Upper

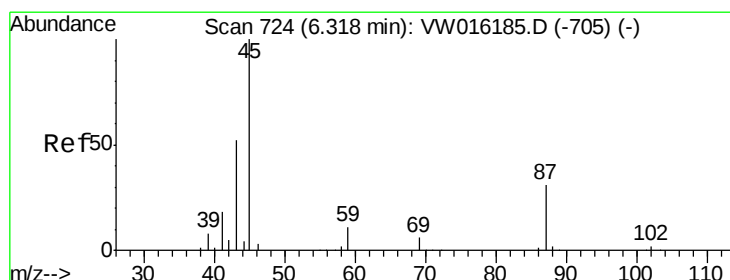
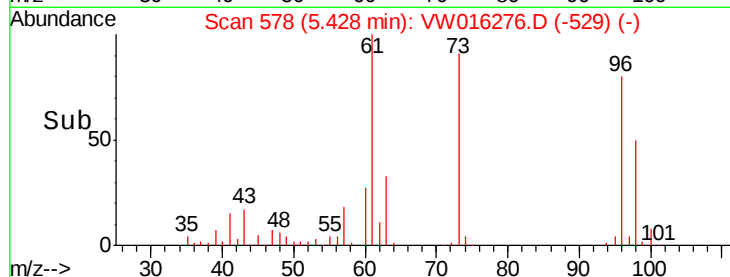
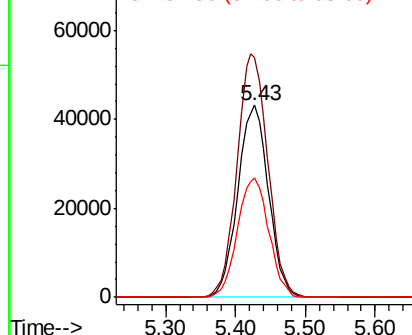
96 100

61 124.6 101.4 152.0

98 62.3 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: 50.920 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 45 Resp: 314283

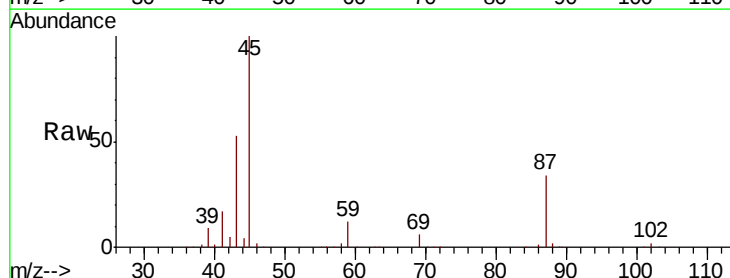
Ion Ratio Lower Upper

45 100

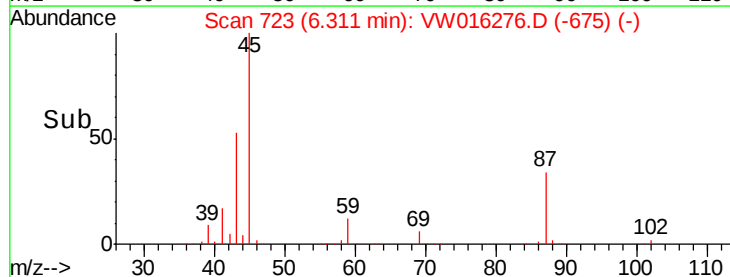
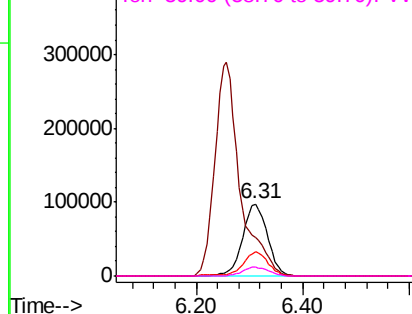
43 53.1 41.7 62.5

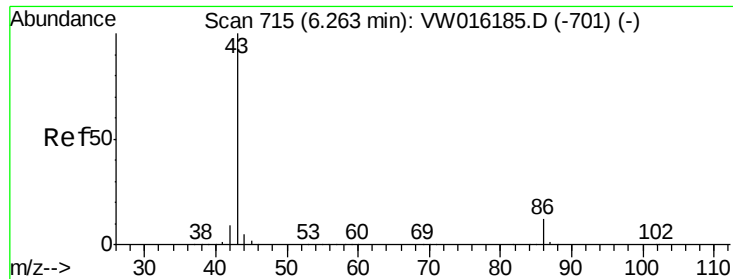
87 33.6 25.0 37.6

59 12.1 9.2 13.8



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





#23

Vinyl Acetate

Concen: 269.247 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

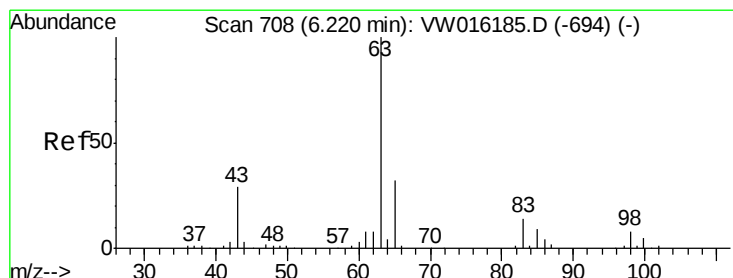
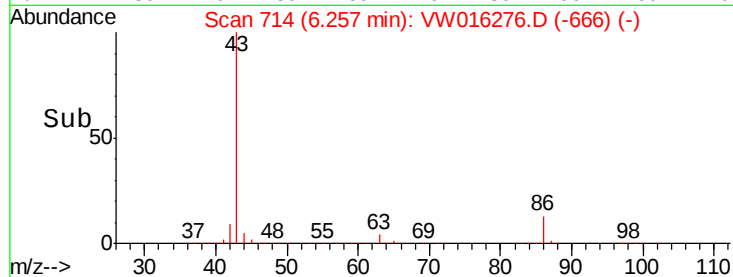
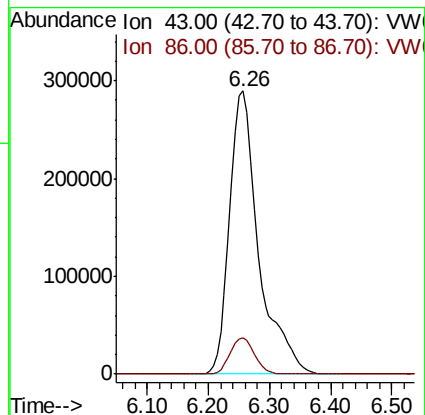
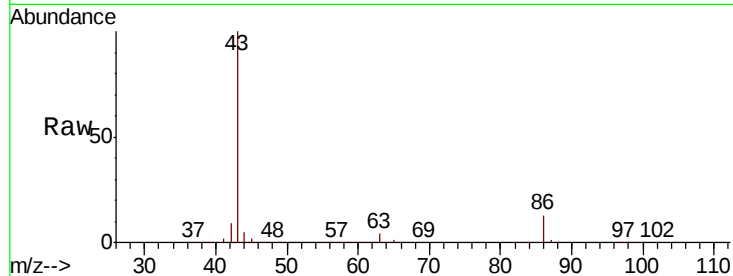
VSTDCCC050

Tot Ion: 43 Resp: 951573

Ion Ratio Lower Upper

43 100

86 12.7 9.8 14.8



#24

1,1-Dichloroethane

Concen: 49.160 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

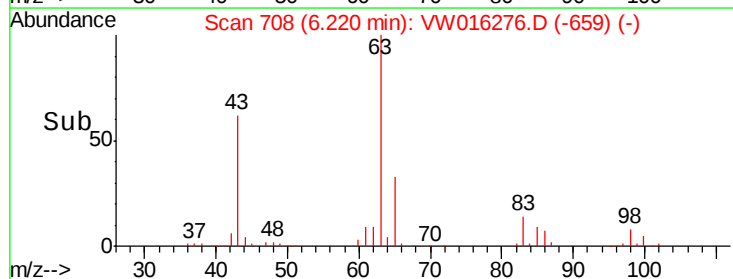
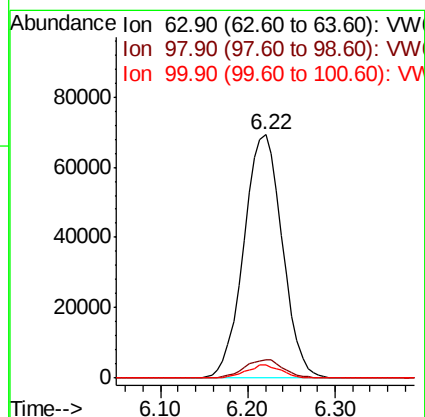
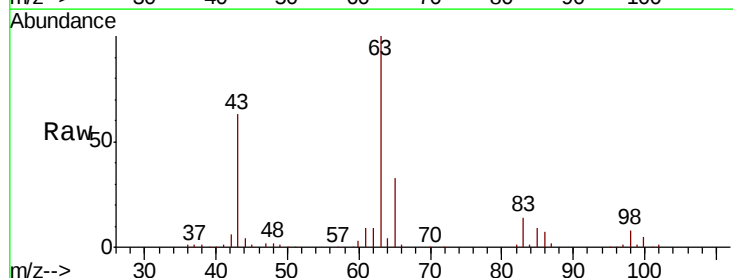
Tgt Ion: 63 Resp: 211773

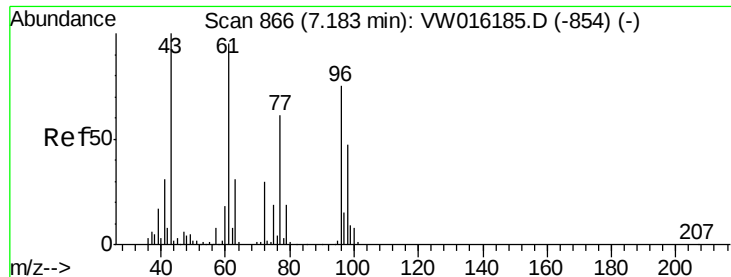
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.2 2.6 8.0

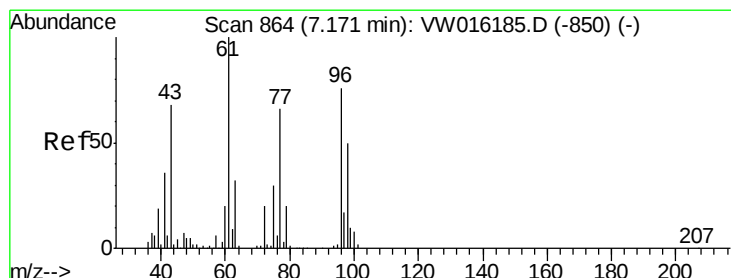
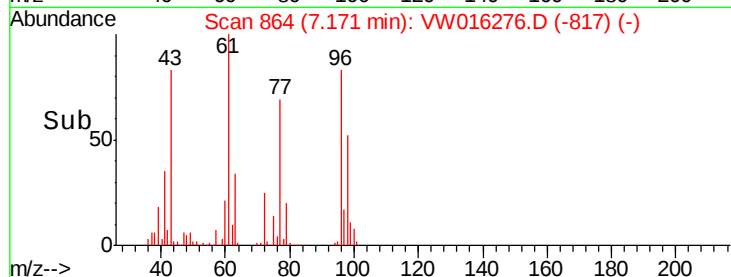
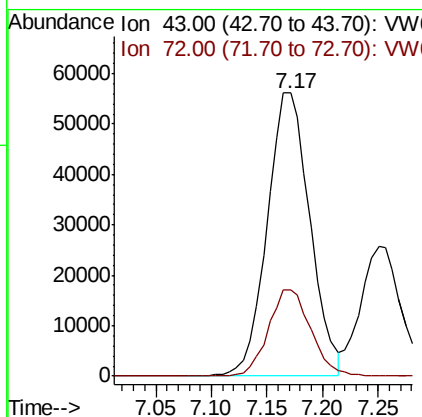
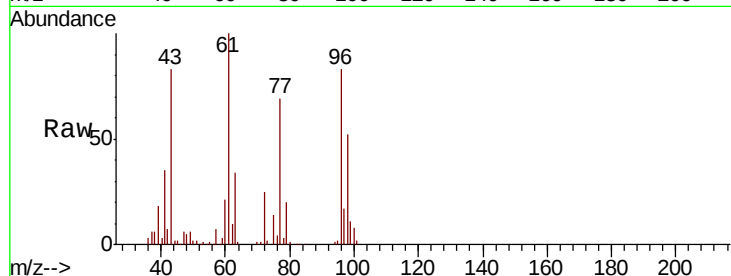




#25
2-Butanone
Concen: 268.604 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

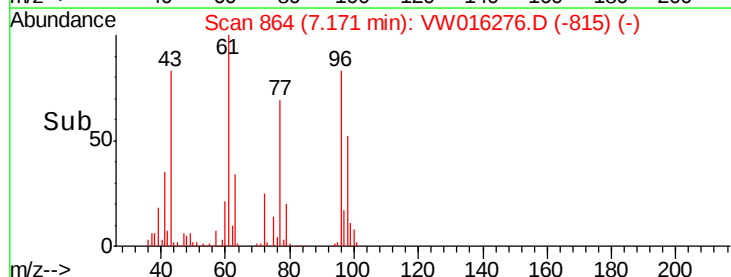
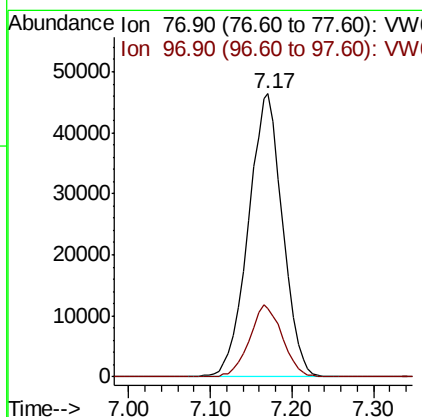
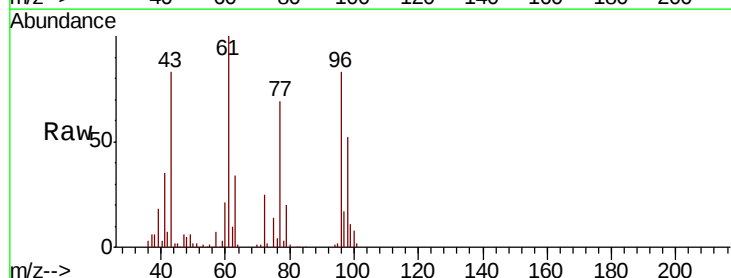
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

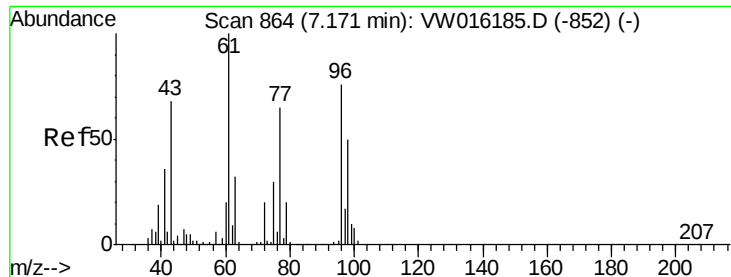
Tot Ion: 43 Resp: 150099
Ion Ratio Lower Upper
43 100
72 30.3 24.2 36.2



#26
2,2-Dichloropropane
Concen: 48.643 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 77 Resp: 135359
Ion Ratio Lower Upper
77 100
97 24.4 12.1 36.3



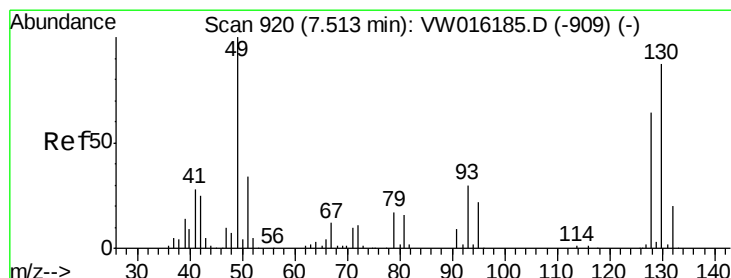
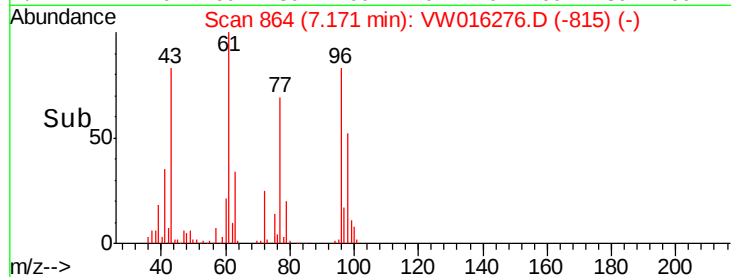
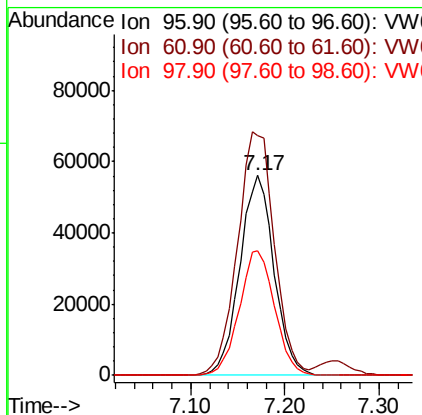
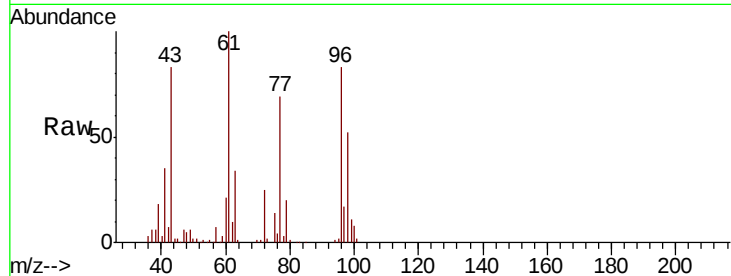


#27

cis-1,2-Dichloroethene
 Concen: 51.895 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

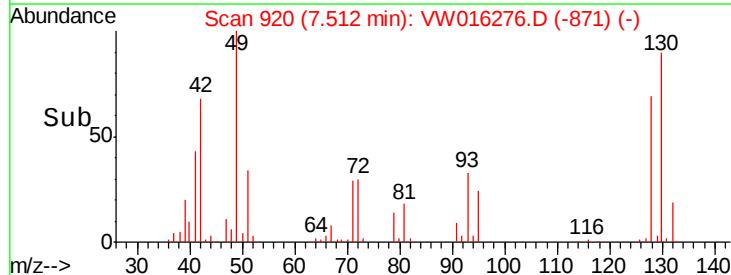
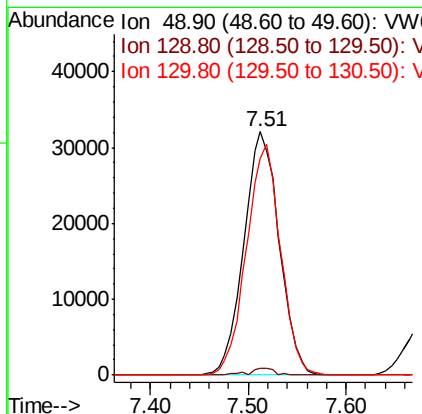
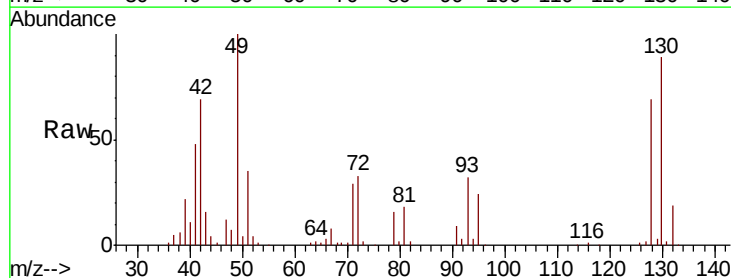
Tot Ion	96	Resp	142536
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	267.0
98	64.5	0.0	129.6

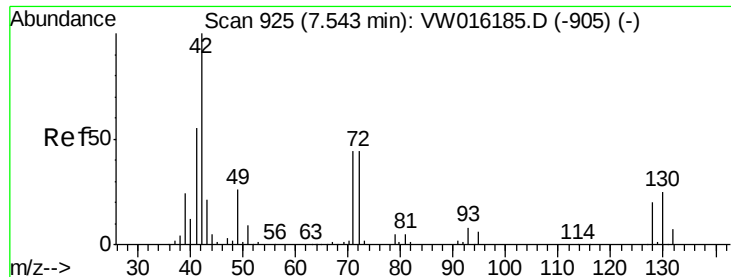


#28

Bromochloromethane
 Concen: 49.333 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion	49	Resp	80629
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	91.8	69.9	104.9

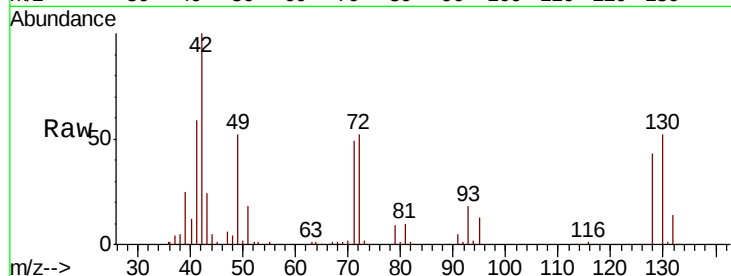




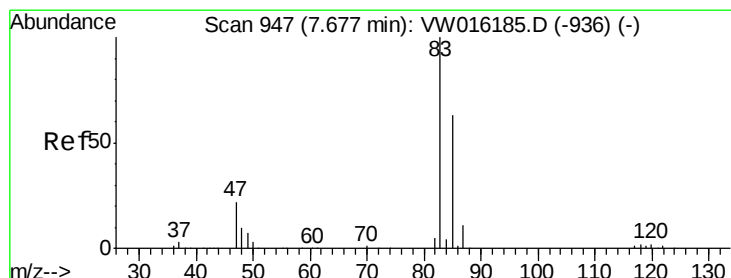
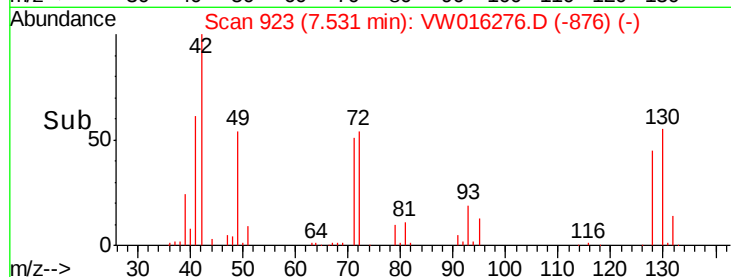
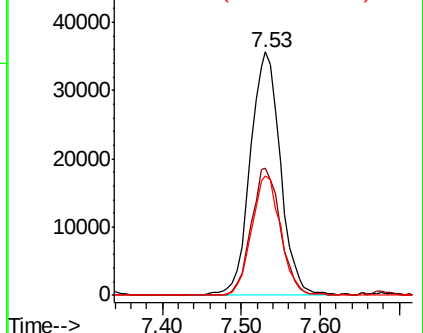
#29
Tetrahydrofuran
Concen: 283.959 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 94853
Ion Ratio Lower Upper
42 100
72 50.4 37.4 56.2
71 47.3 35.6 53.4

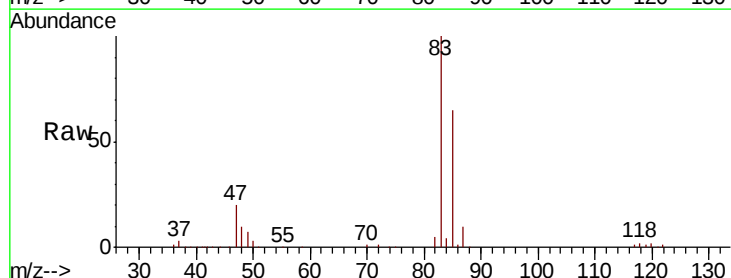


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

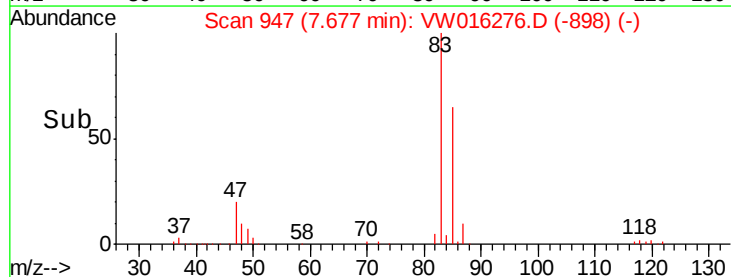
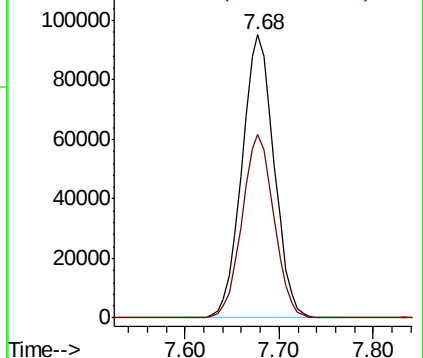


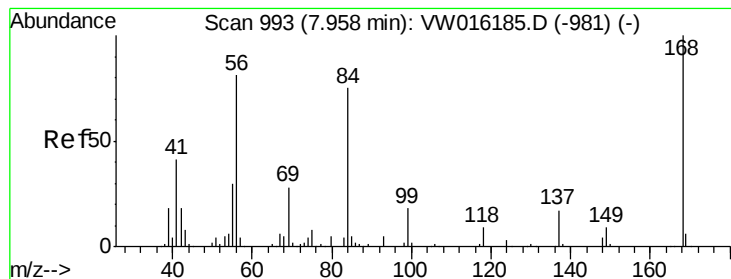
#30
Chloroform
Concen: 50.813 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 83 Resp: 227433
Ion Ratio Lower Upper
83 100
85 64.7 50.0 75.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 45.535 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

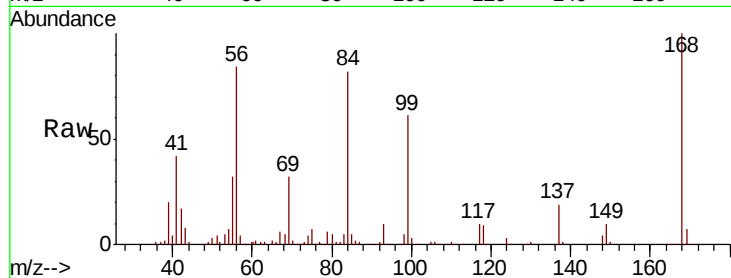
Tot Ion: 56 Resp: 180874

Ion Ratio Lower Upper

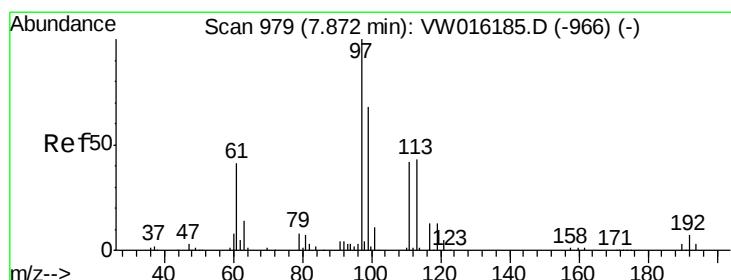
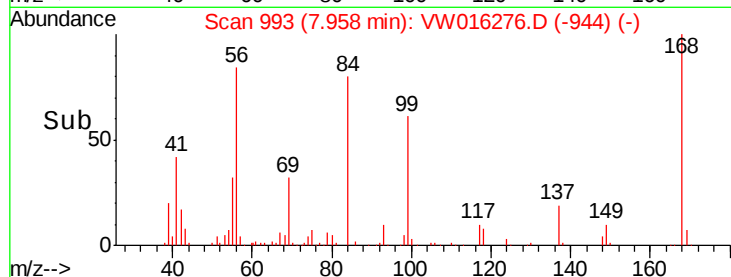
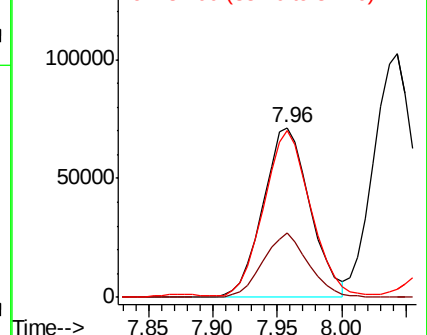
56 100

69 37.8 27.3 40.9

84 96.4 73.5 110.3



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



#32

1,1,1-Trichloroethane

Concen: 51.380 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

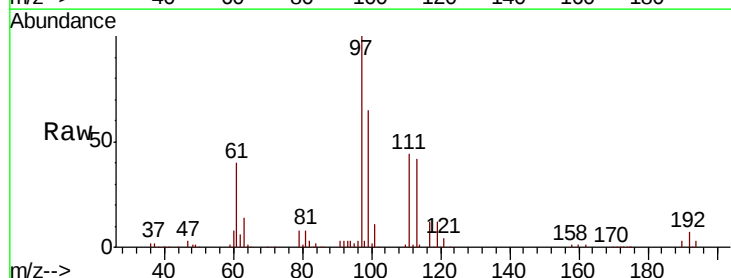
Tgt Ion: 97 Resp: 193214

Ion Ratio Lower Upper

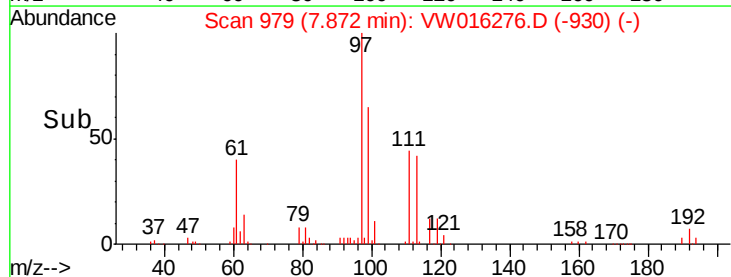
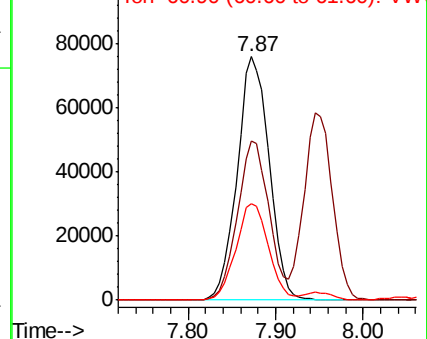
97 100

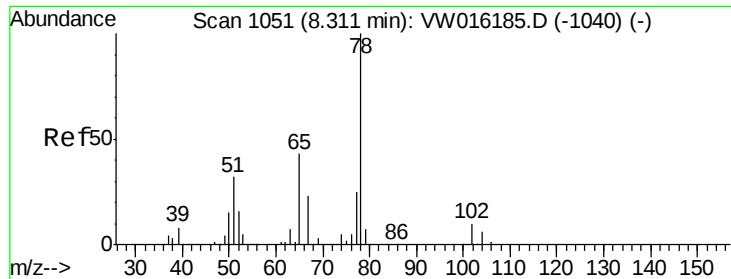
99 65.0 51.3 76.9

61 40.1 33.2 49.8



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

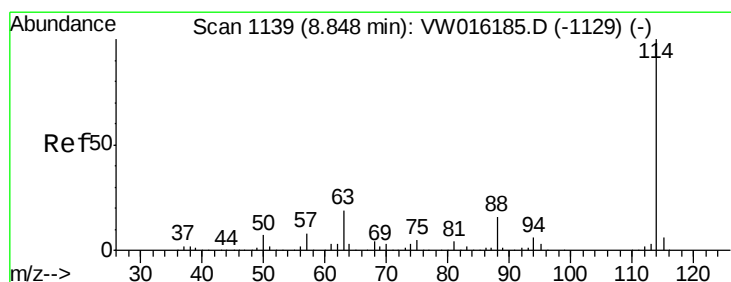
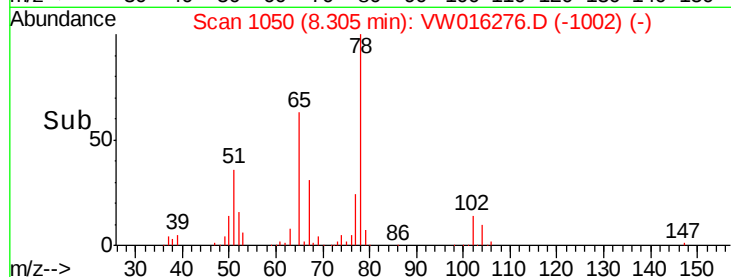
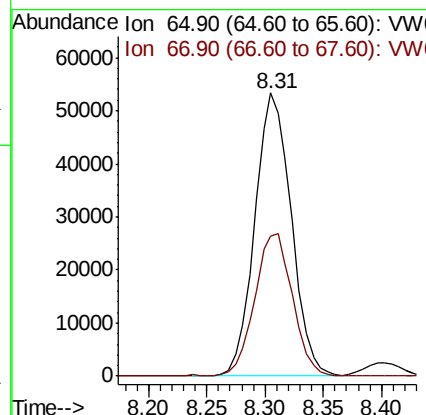
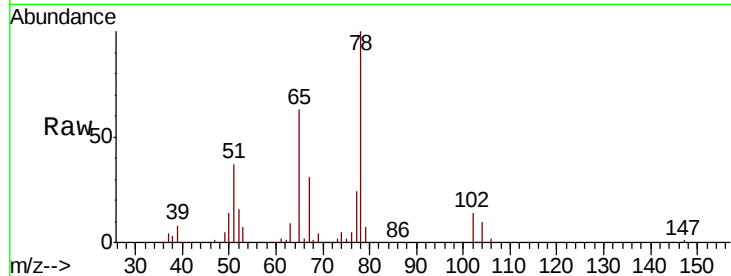




#33
 1,2-Dichloroethane-d4
 Concen: 53.514 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

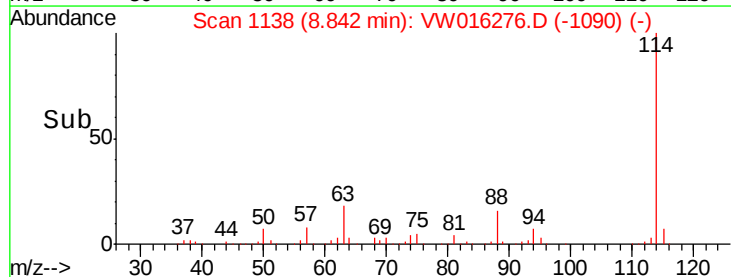
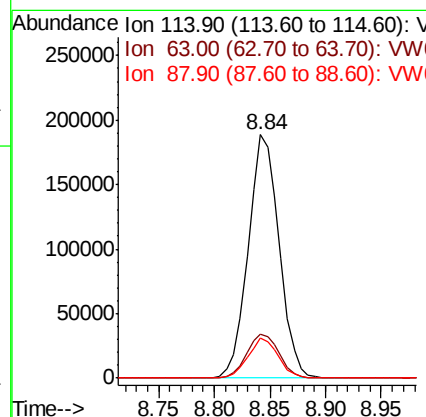
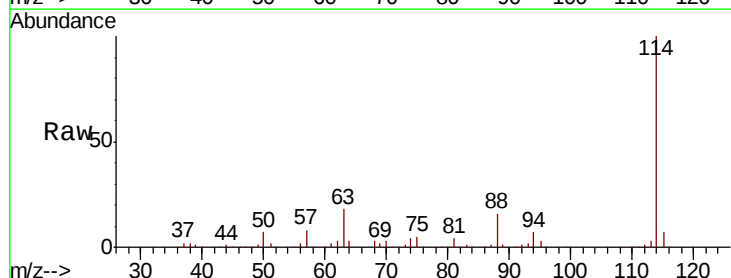
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

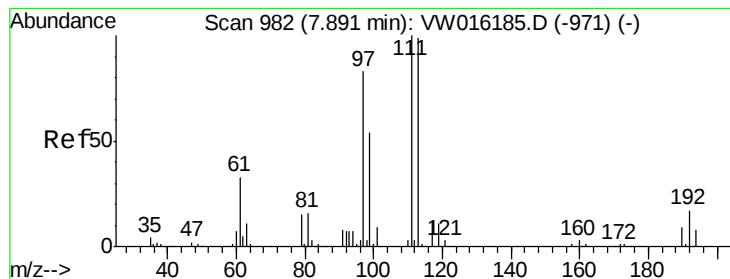
Tot Ion: 65 Resp: 116479
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 114 Resp: 364029
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.846 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

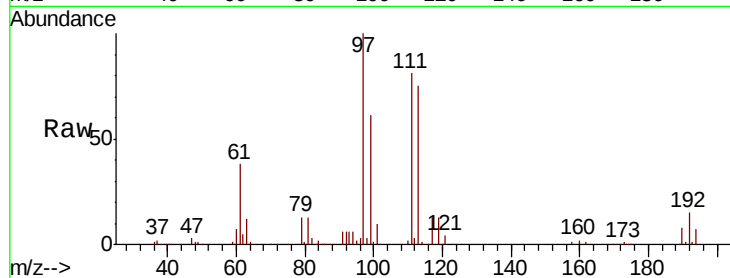
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 118697

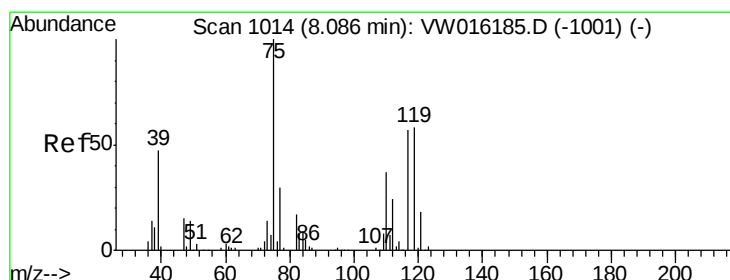
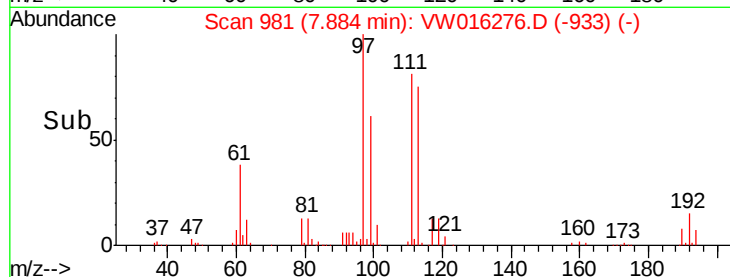
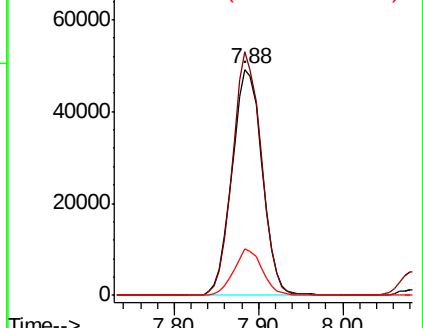
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	19.3	14.3	21.5



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: 49.010 ug/l

RT: 8.09 min Scan# 1014

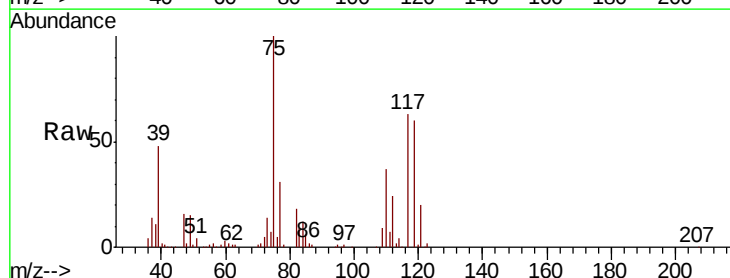
Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 75 Resp: 175757

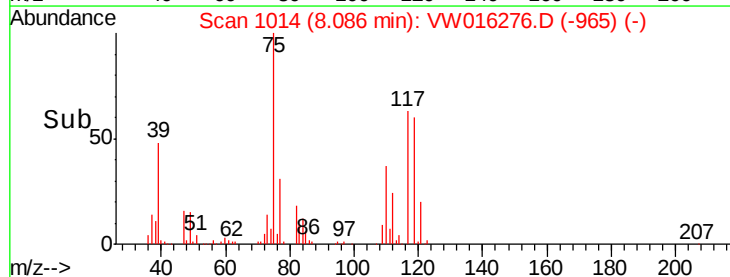
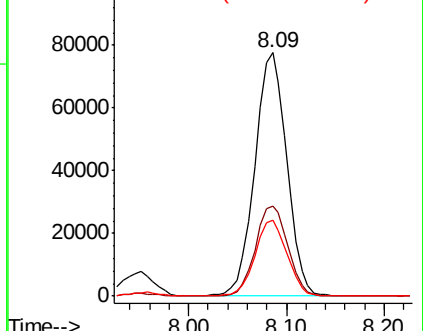
Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.1	54.3
77	31.3	24.7	37.1

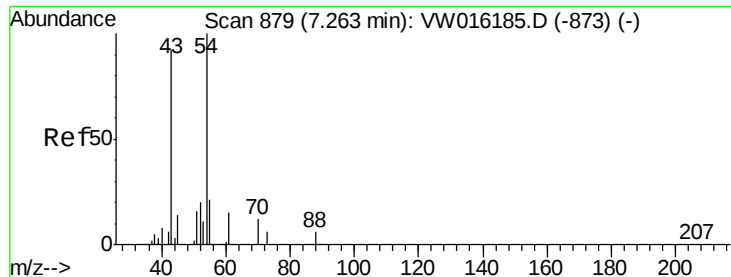


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

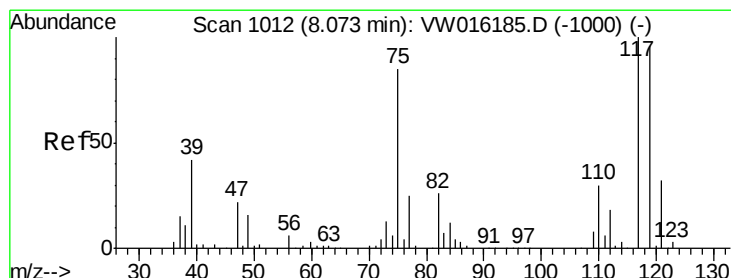
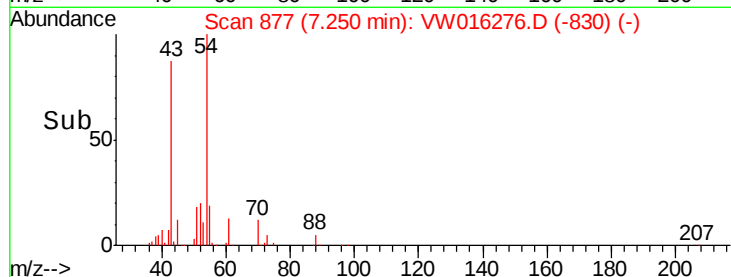
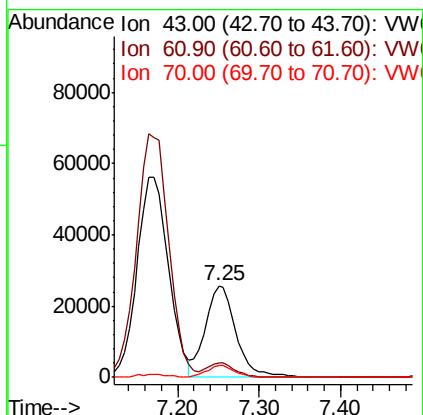
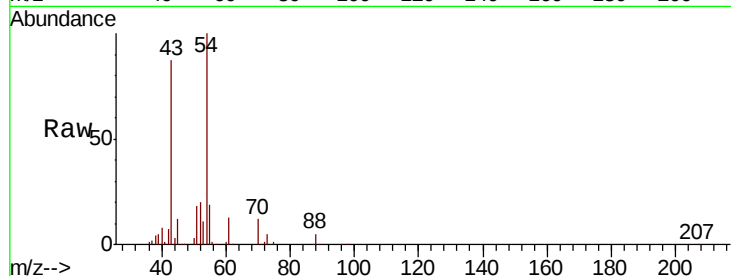




#37
Ethyl Acetate
Concen: 54.703 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

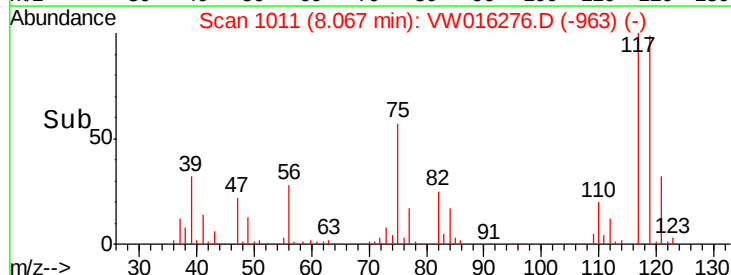
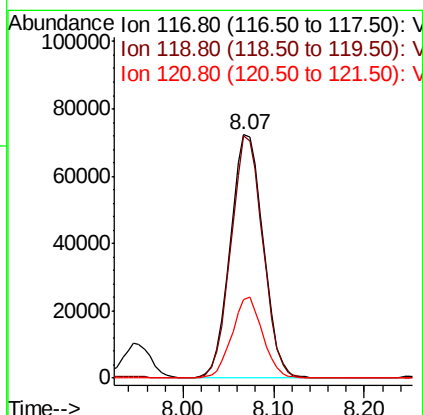
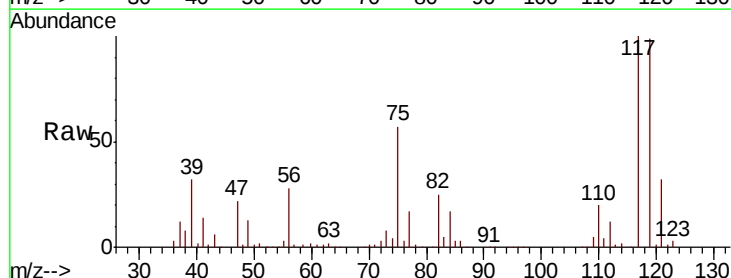
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

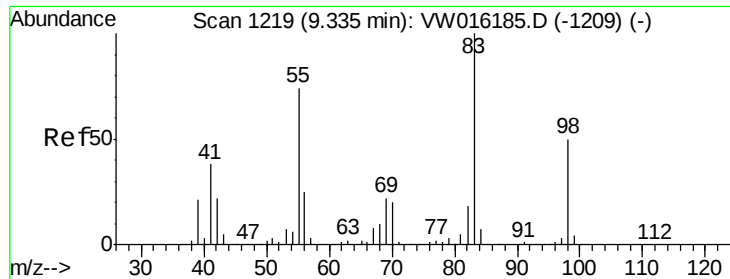
Tot Ion: 43 Resp: 67260
Ion Ratio Lower Upper
43 100
61 14.5 12.6 18.8
70 12.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 50.981 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 117 Resp: 182451
Ion Ratio Lower Upper
117 100
119 99.3 76.6 115.0
121 32.3 25.4 38.0





#39

Methvlcvclohexane

Concen: 50.833 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

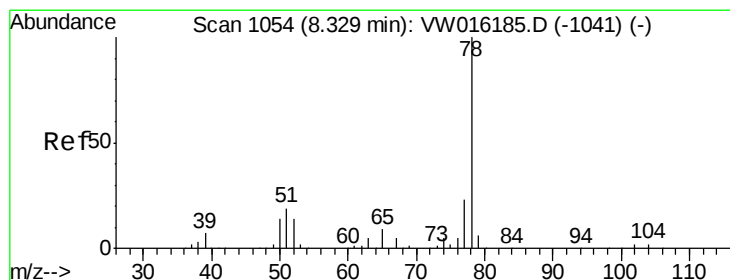
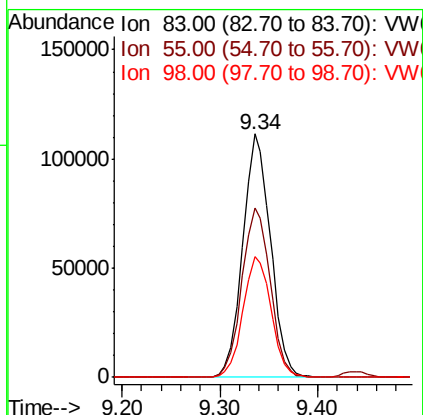
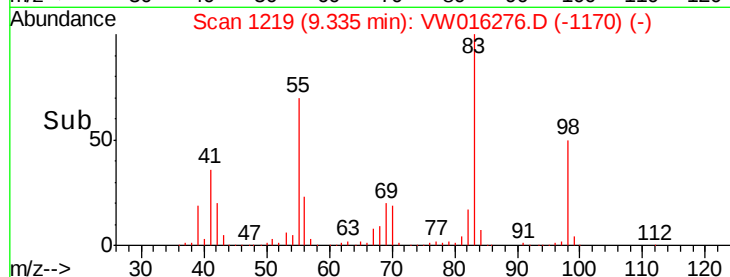
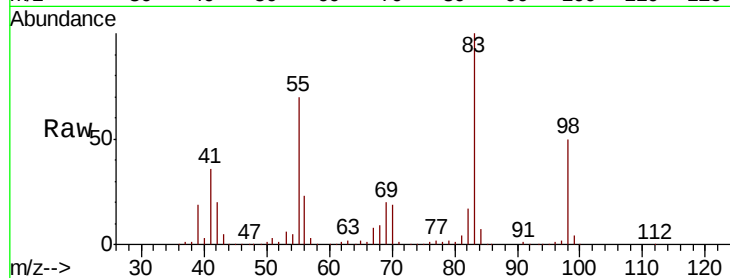
Tot Ion: 83 Resp: 219584

Ion Ratio Lower Upper

83 100

55 69.7 59.2 88.8

98 49.5 40.2 60.2



#40

Benzene

Concen: 49.404 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW016276.D

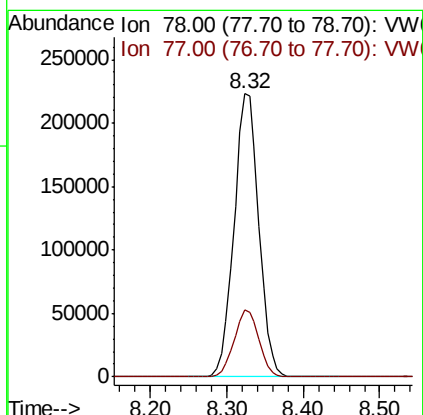
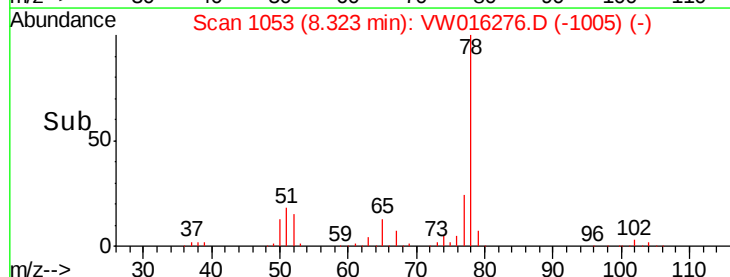
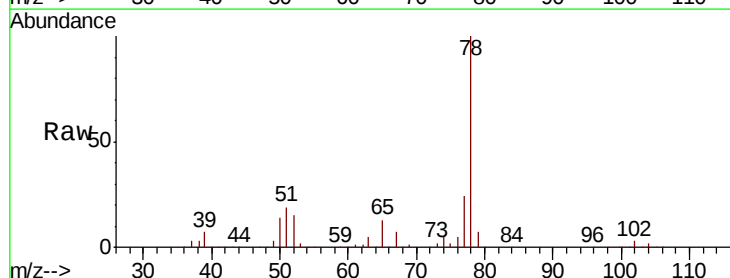
Acq: 20 Aug 2020 21:29

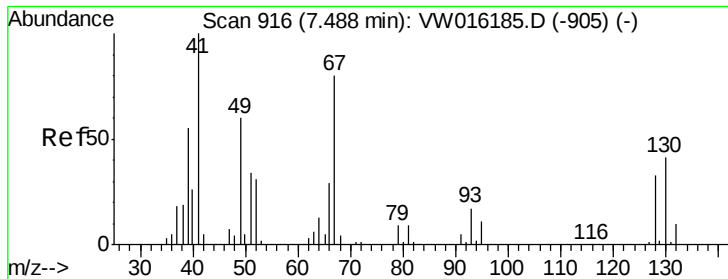
Tgt Ion: 78 Resp: 498418

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

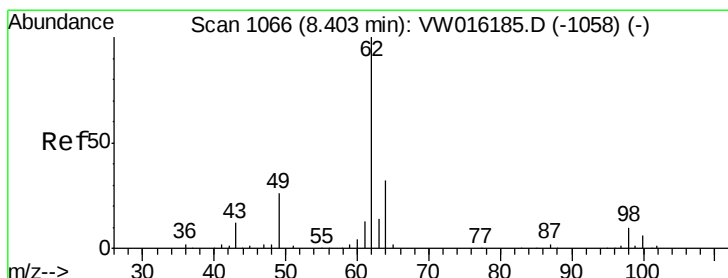
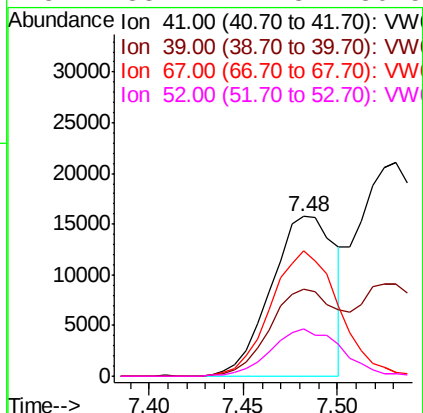
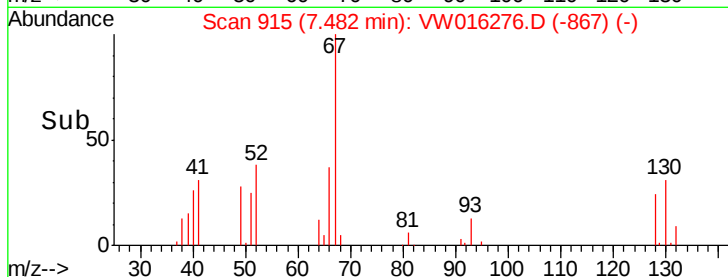
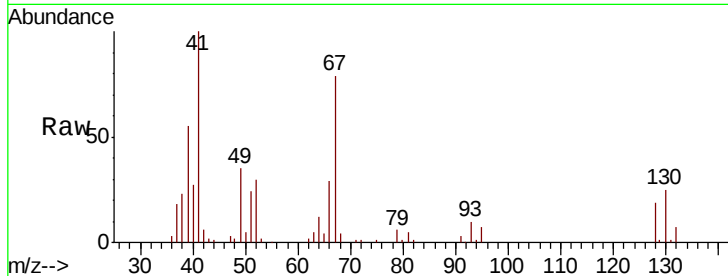




#41
Methacrylonitrile
Concen: 53.288 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

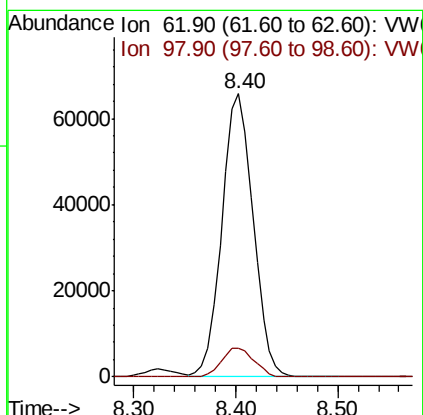
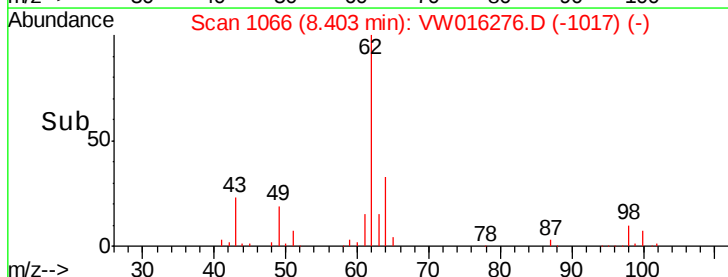
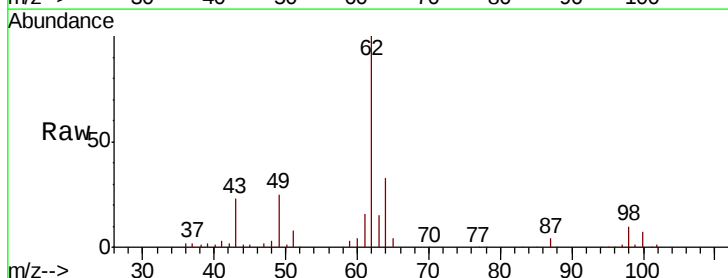
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

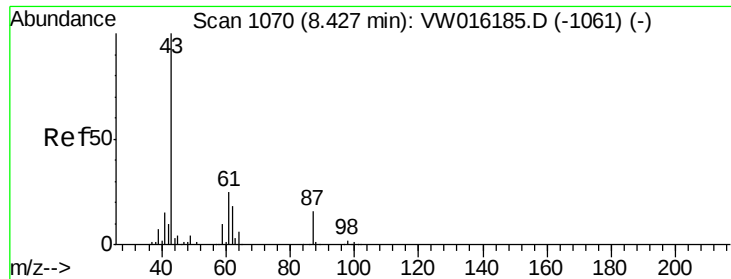
Tot Ion:	41	Resp:	37394
Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.4	65.2
67	83.5	61.5	92.3
52	33.1	24.3	36.5



#42
1,2-Dichloroethane
Concen: 52.517 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion:	62	Resp:	139931
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.721 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

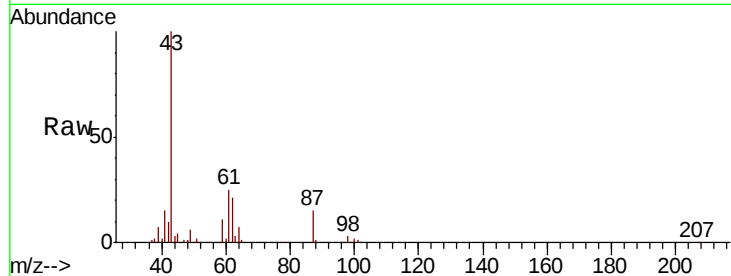
Tot Ion: 43 Resp: 126582

Ion Ratio Lower Upper

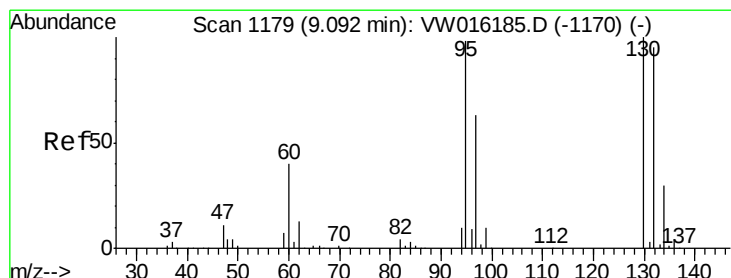
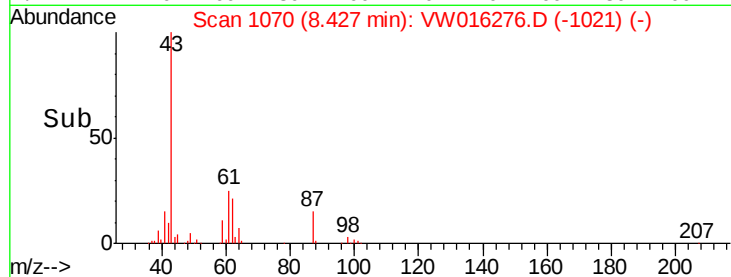
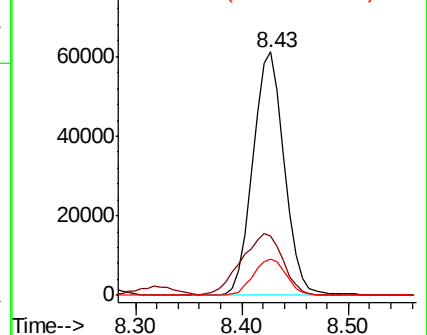
43 100

61 33.9 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: 48.510 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016276.D

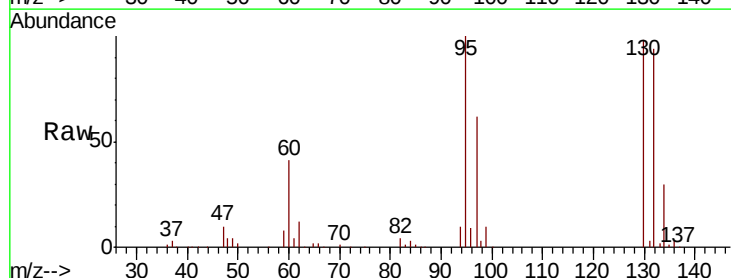
Acq: 20 Aug 2020 21:29

Tgt Ion:130 Resp: 138609

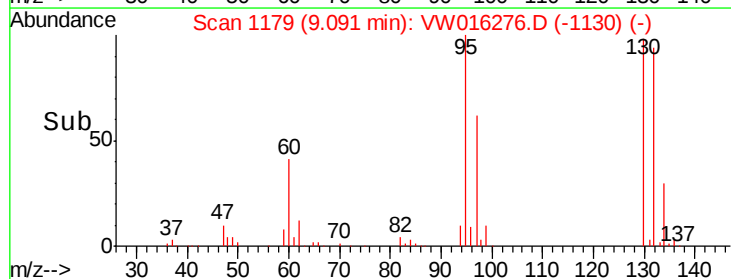
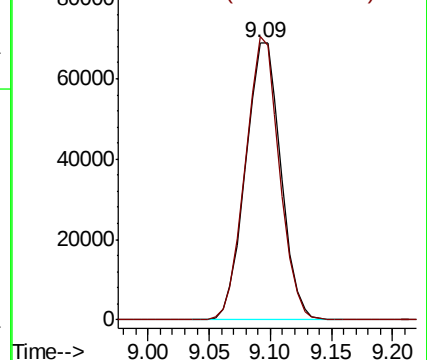
Ion Ratio Lower Upper

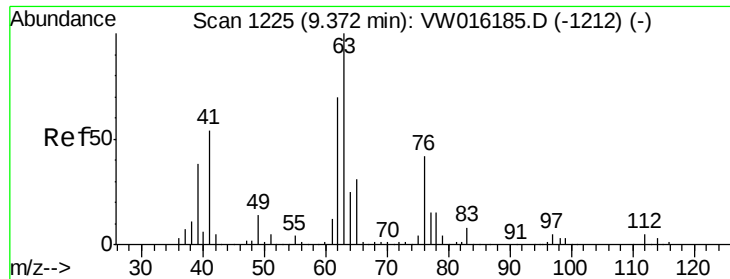
130 100

95 102.1 0.0 196.4



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

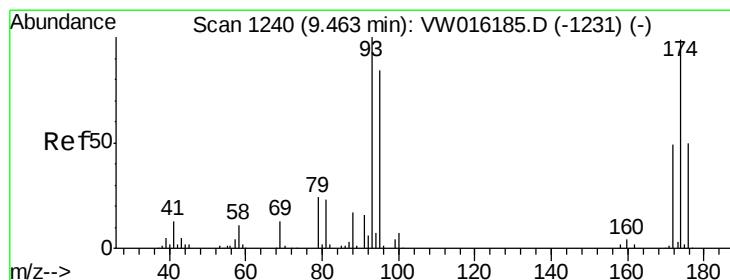
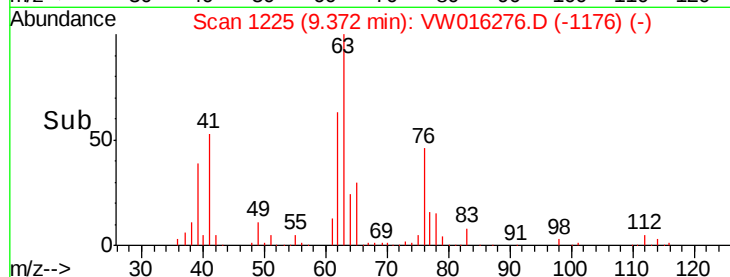
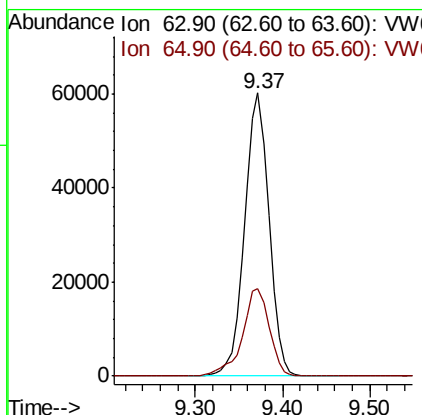
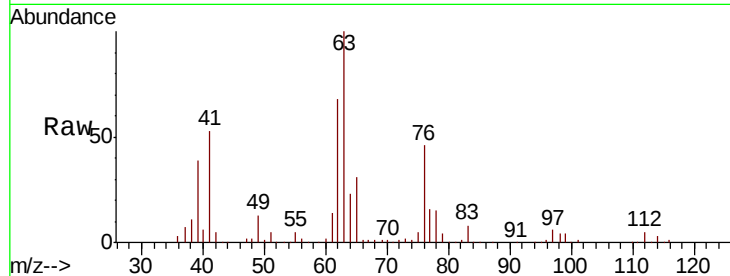




#45
 1,2-Dichloropropane
 Concen: 48.941 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

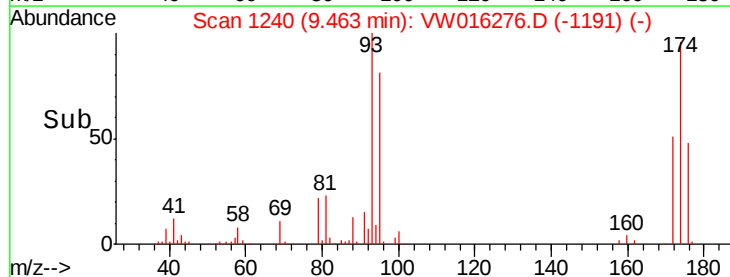
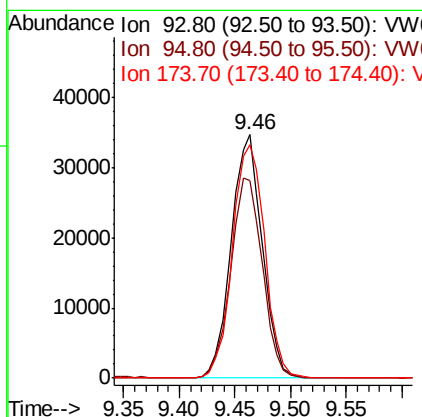
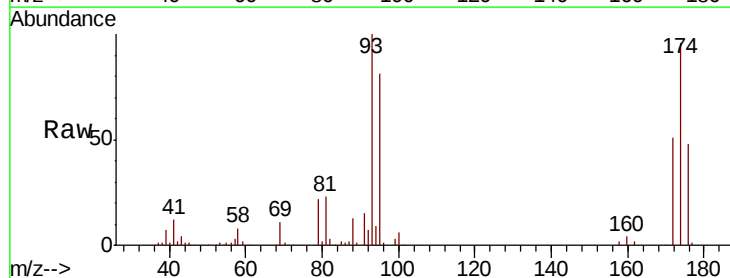
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

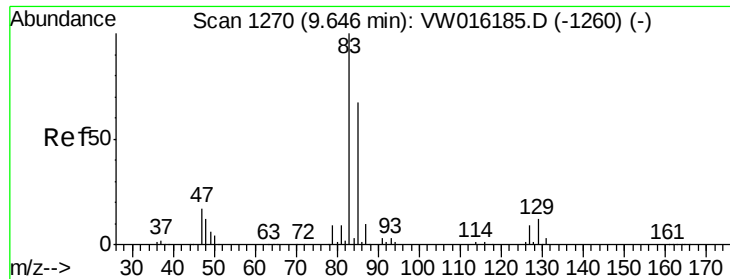
Tot Ion: 63 Resp: 116389
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 53.689 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 93 Resp: 67033
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 99.5 77.0 115.6





#47

Bromodichloromethane

Concen: 52.962 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

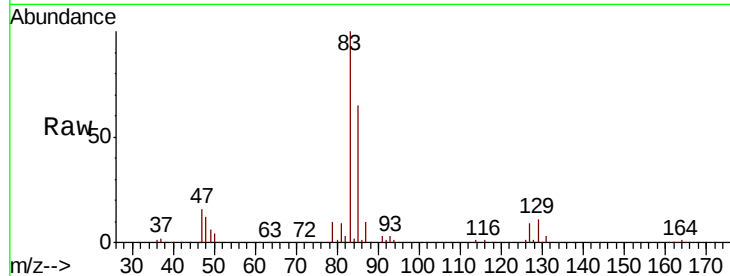
Tot Ion: 83 Resp: 170845

Ion Ratio Lower Upper

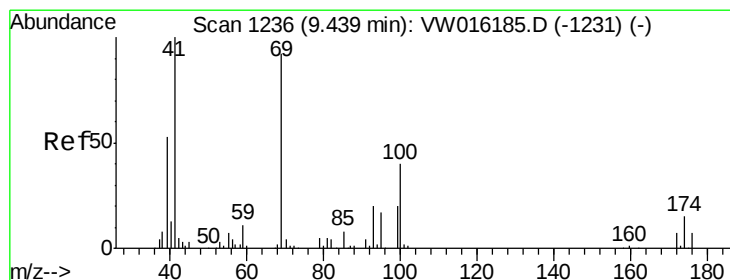
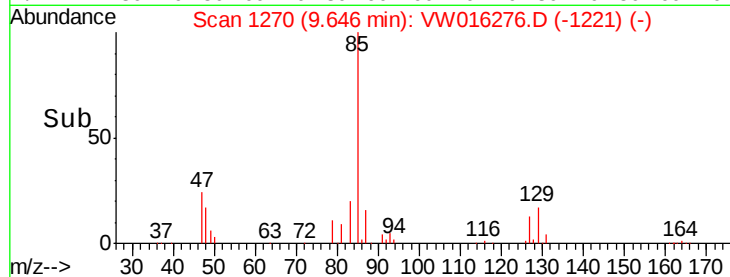
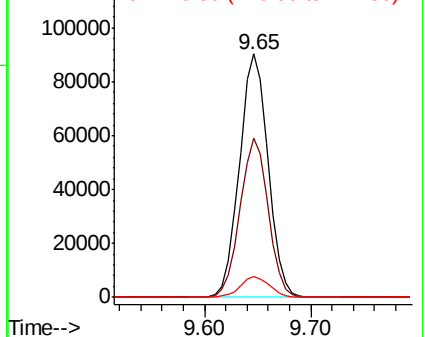
83 100

85 65.4 53.3 79.9

127 8.7 7.4 11.2



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: 55.687 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

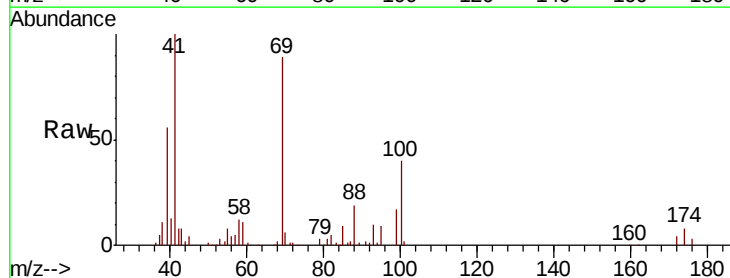
Tgt Ion: 41 Resp: 59884

Ion Ratio Lower Upper

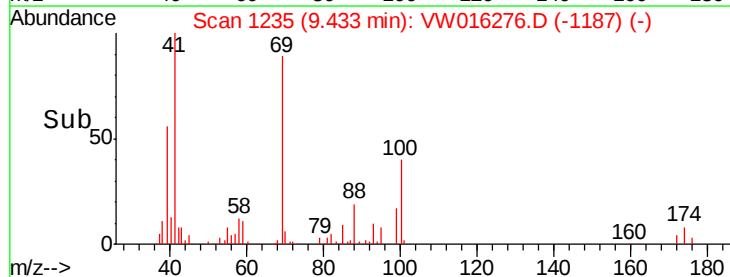
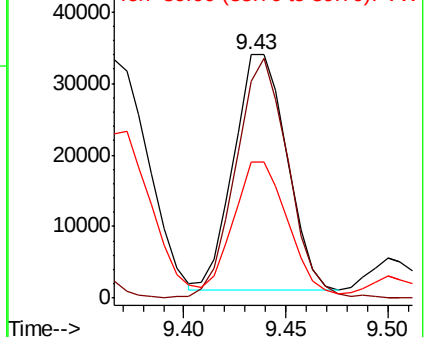
41 100

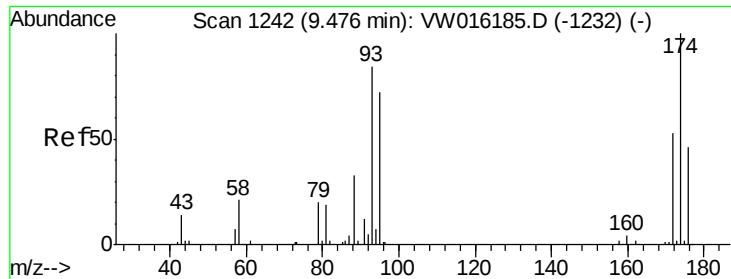
69 99.7 77.4 116.0

39 55.2 42.2 63.2



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

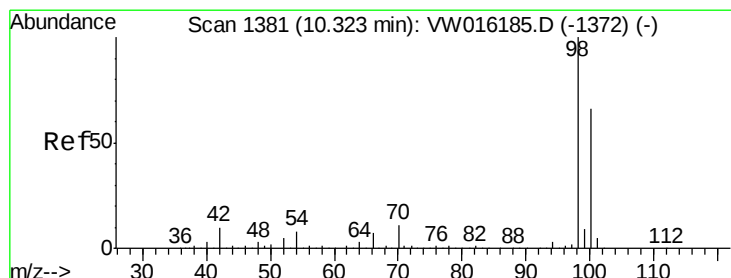
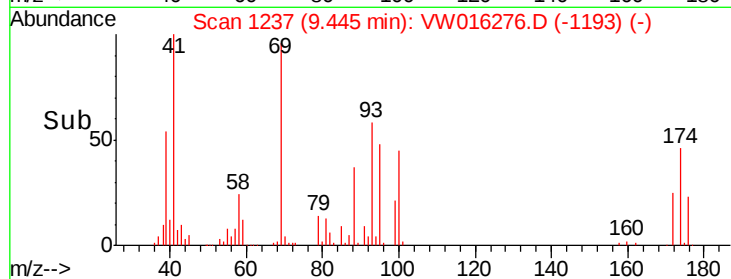
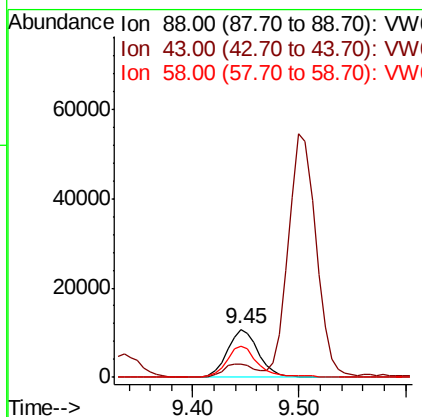
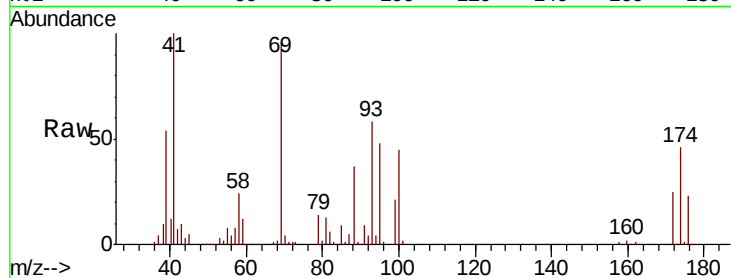




#49
 1,4-Dioxane
 Concen: 1383.313 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.03 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

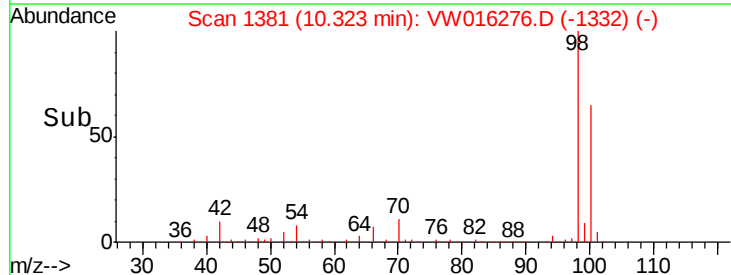
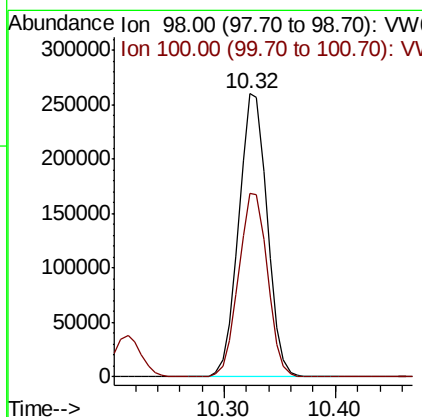
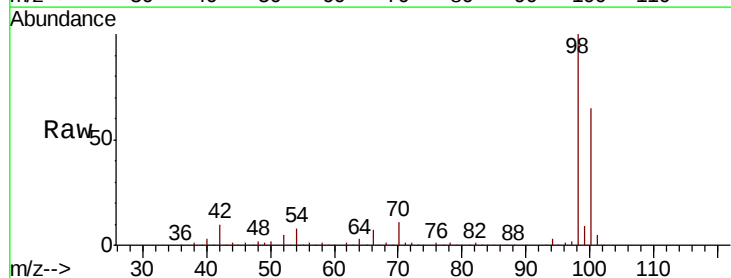
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

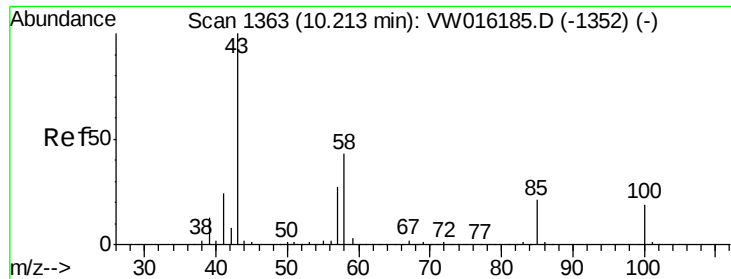
Tot Ion: 88 Resp: 21748
 Ion Ratio Lower Upper
 88 100
 43 28.7 0.0 0.0#
 58 64.2 56.6 84.8



#50
 Toluene-d8
 Concen: 53.105 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 98 Resp: 461705
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.5 80.3

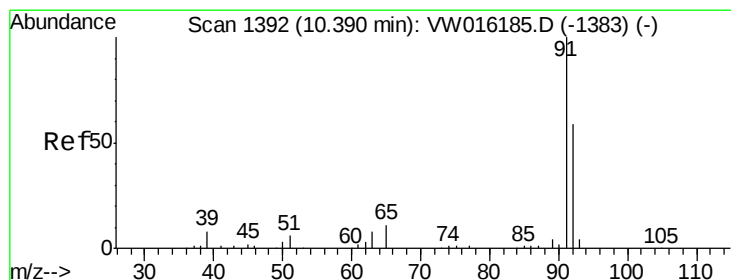
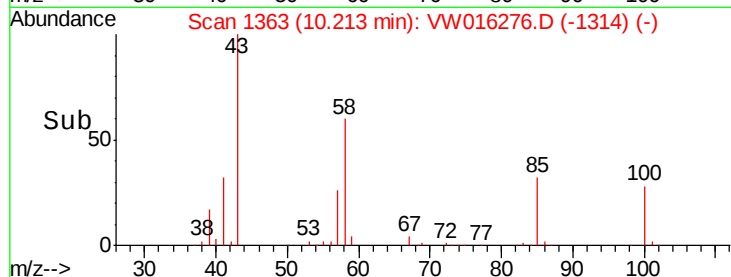
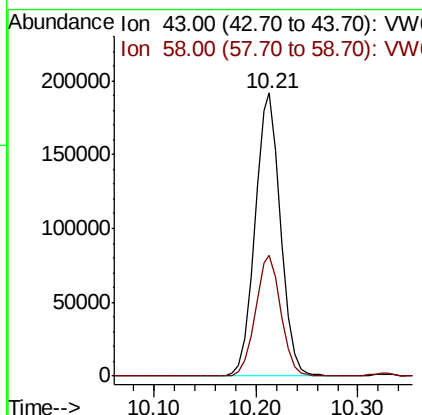
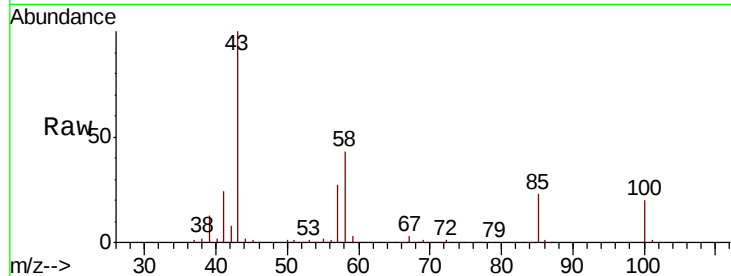




#51
4-Methyl-2-Pentanone
Concen: 285.004 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

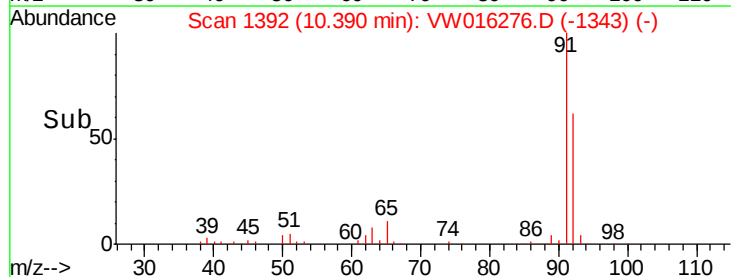
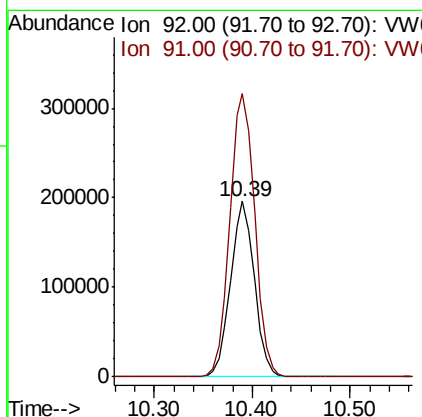
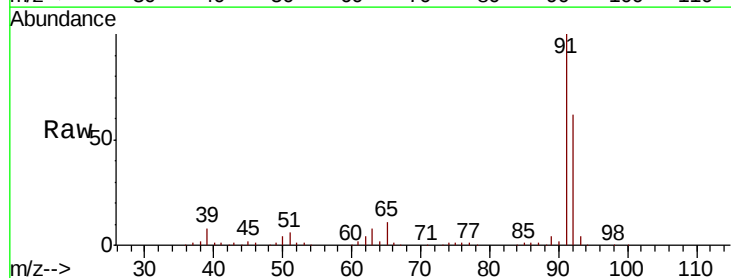
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

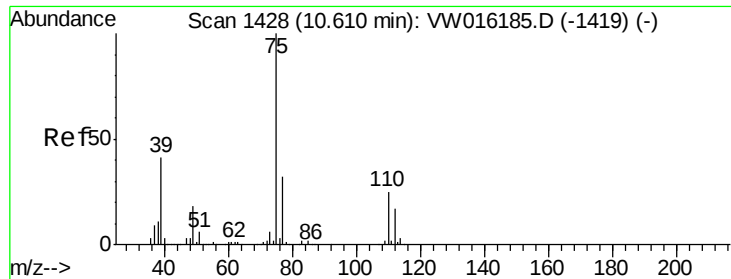
Tot Ion: 43 Resp: 333441
Ion Ratio Lower Upper
43 100
58 42.6 33.7 50.5



#52
Toluene
Concen: 51.096 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 92 Resp: 330092
Ion Ratio Lower Upper
92 100
91 169.5 133.3 199.9

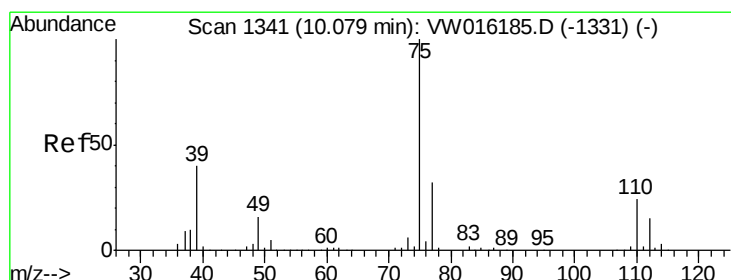
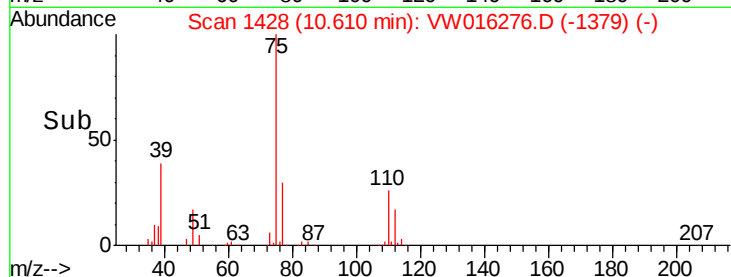
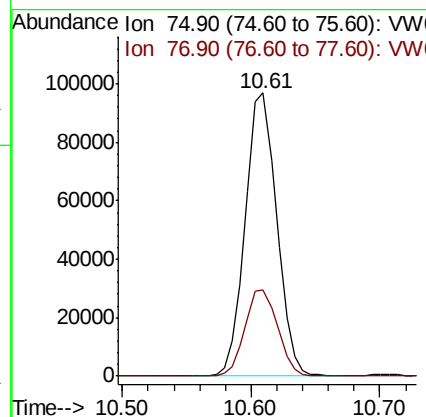
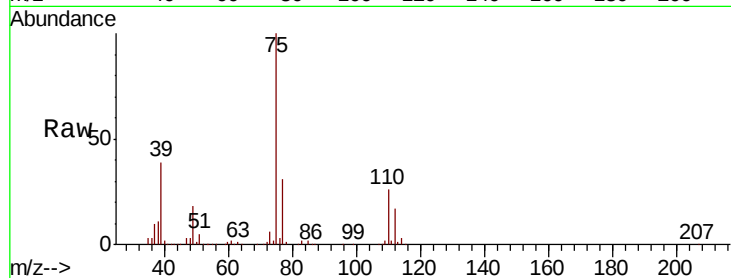




#53
 t-1,3-Dichloropropene
 Concen: 54.971 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

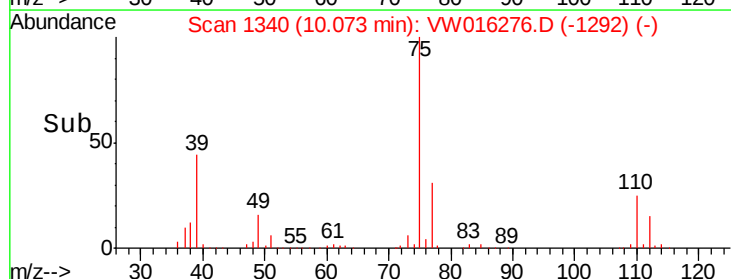
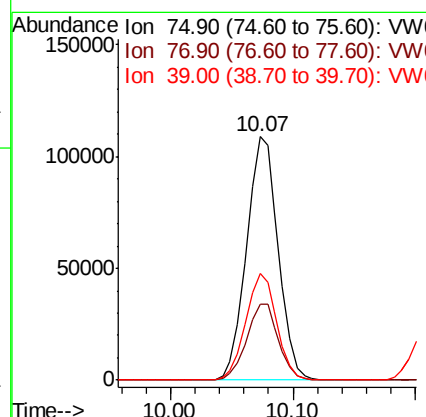
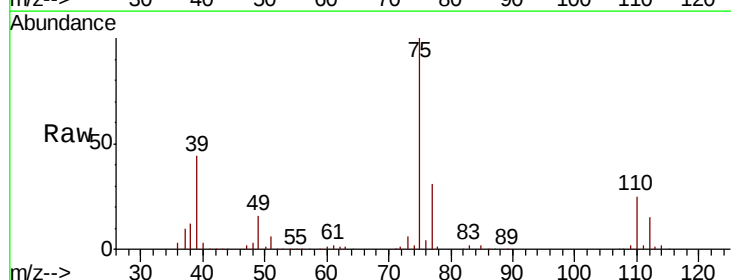
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

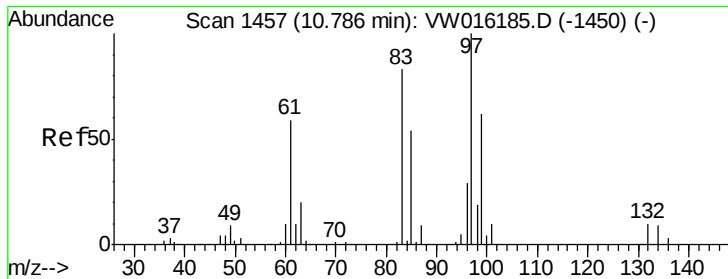
Tot Ion: 75 Resp: 164187
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.566 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 75 Resp: 195133
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 44.0 32.3 48.5

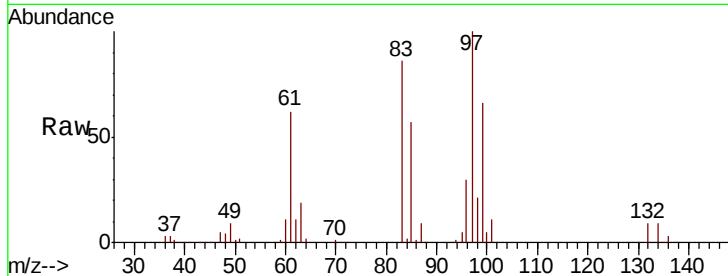




#55
 1,1,2-Trichloroethane
 Concen: 53.102 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	95131
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.6	100.0
85	56.8	43.0	64.4
99	66.3	49.4	74.2



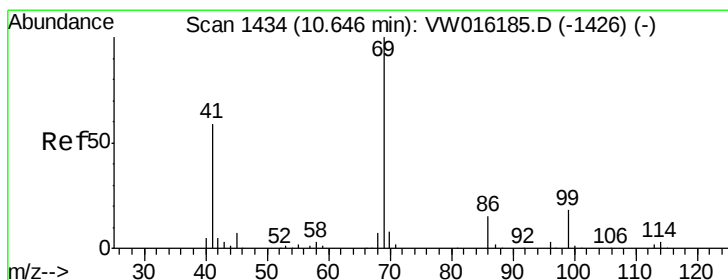
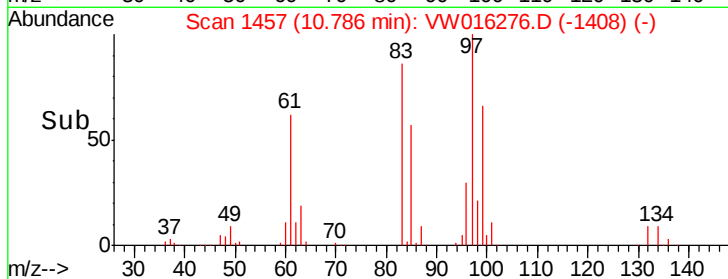
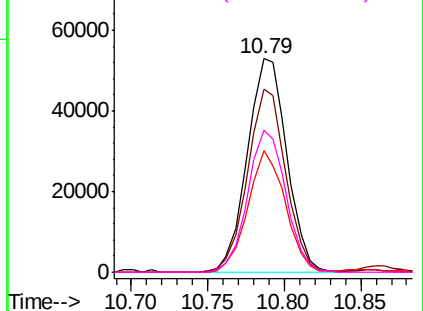
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

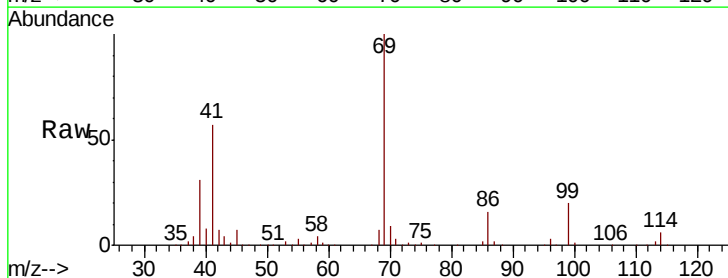
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 58.986 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion:	69	Resp:	120508
Ion	Ratio	Lower	Upper
69	100		
41	57.4	47.6	71.4
39	30.7	24.6	36.8

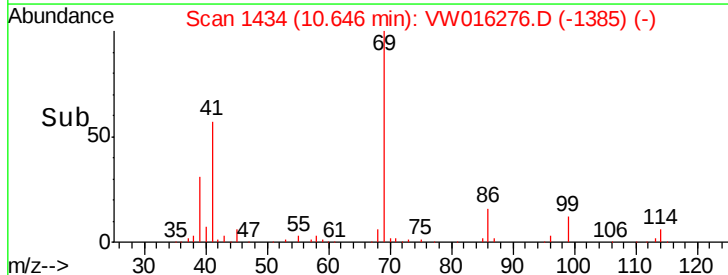
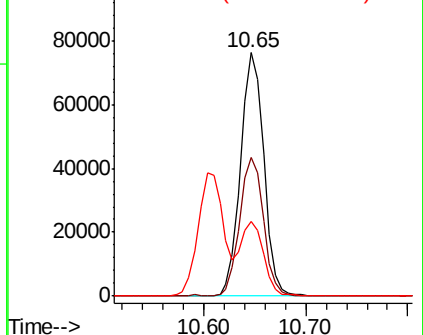


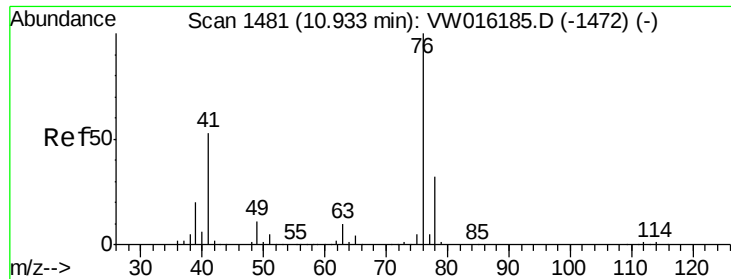
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

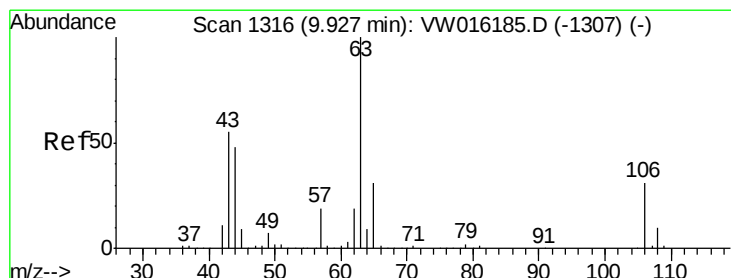
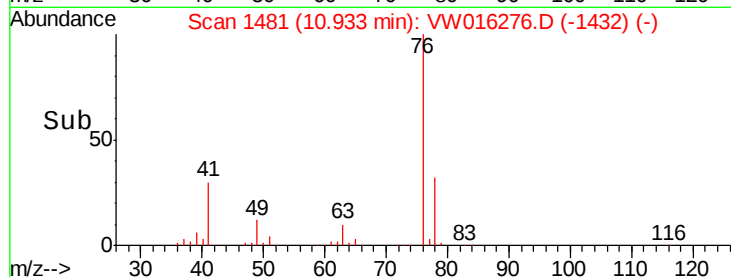
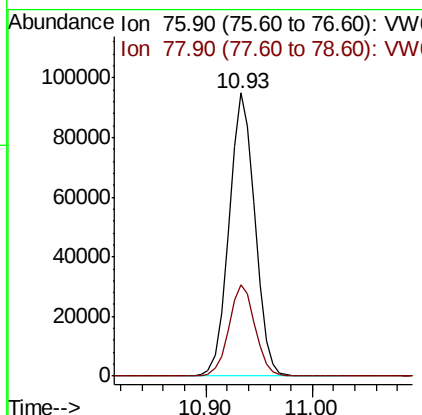
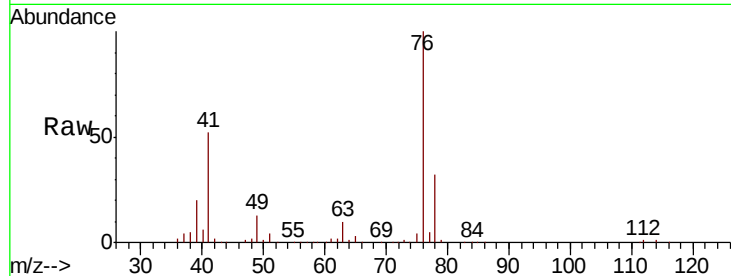




#57
 1,3-Dichloropropane
 Concen: 52.826 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

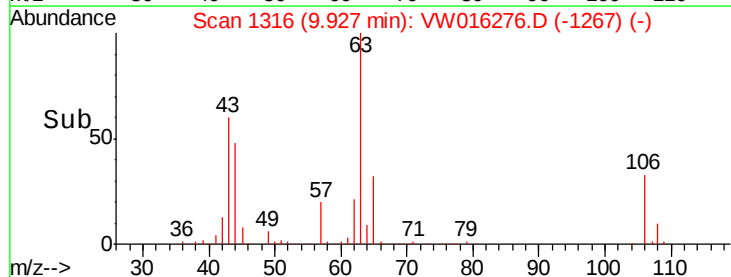
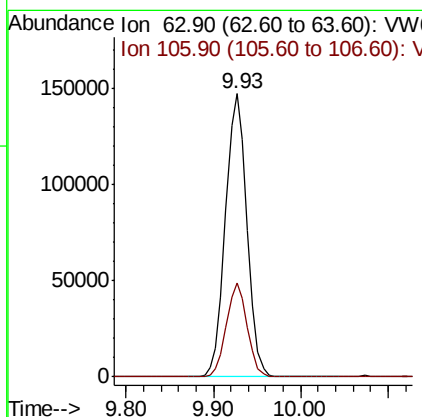
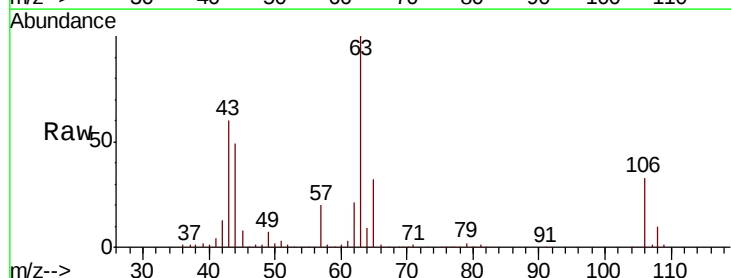
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

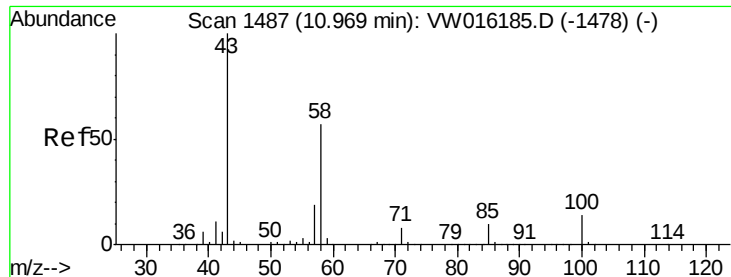
Tot Ion: 76 Resp: 161016
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.753 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 63 Resp: 250333
 Ion Ratio Lower Upper
 63 100
 106 32.1 24.9 37.3





#59

2-Hexanone

Concen: 284.443 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

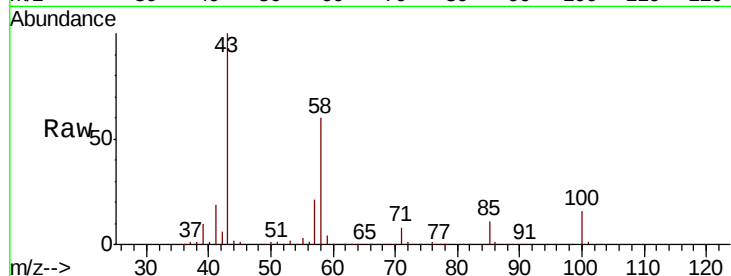
VSTDCCC050

Tot Ion: 43 Resp: 227661

Ion Ratio Lower Upper

43 100

58 60.0 28.8 86.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

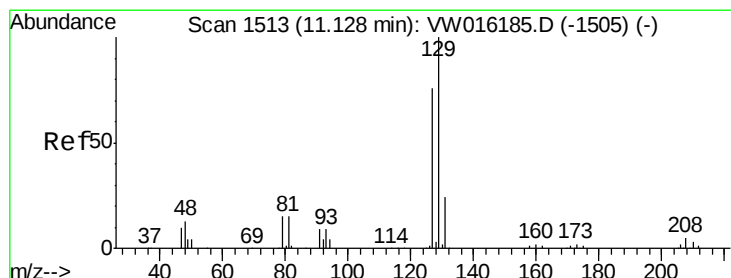
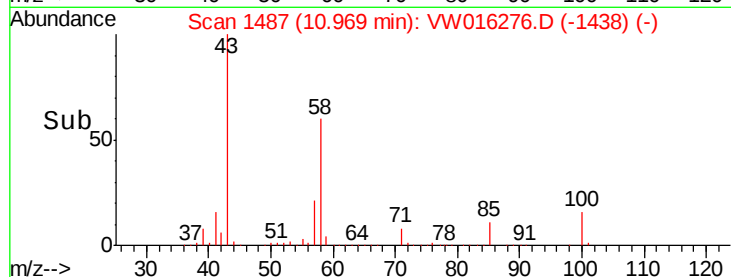
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 54.660 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW016276.D

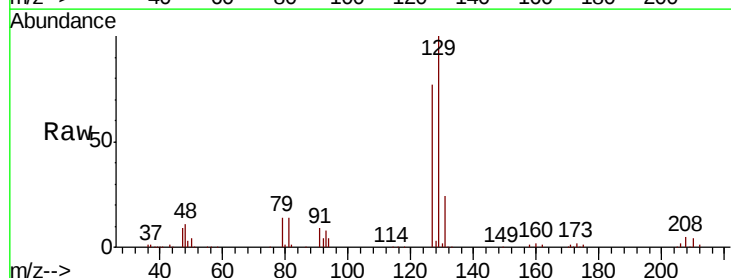
Acq: 20 Aug 2020 21:29

Tgt Ion:129 Resp: 116489

Ion Ratio Lower Upper

129 100

127 78.2 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

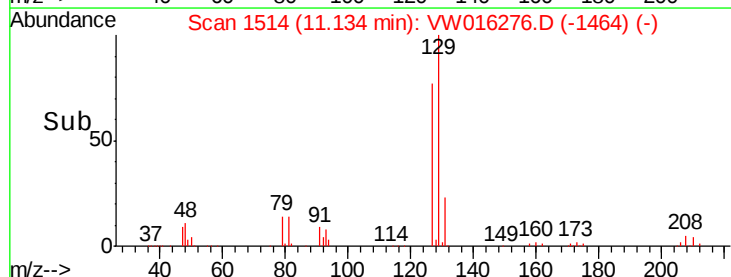
60000

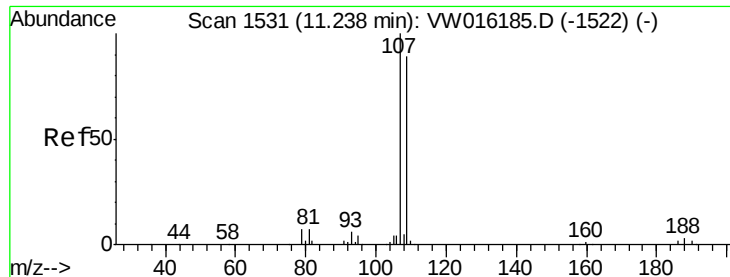
40000

20000

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Time-->

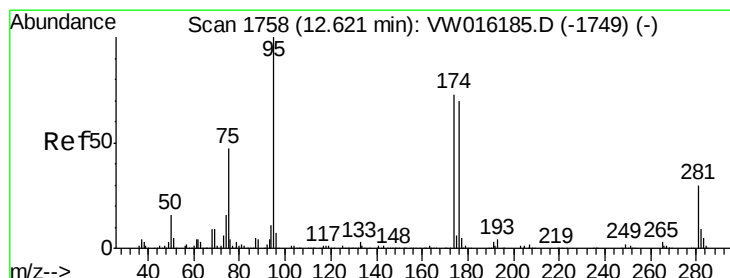
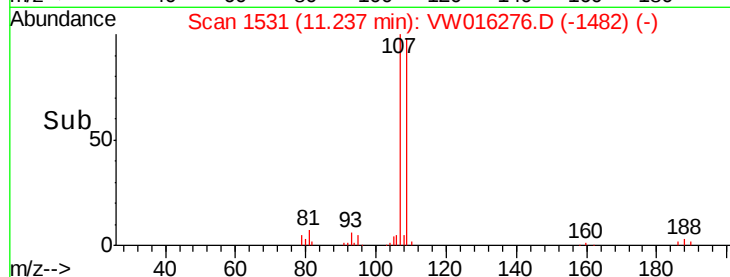
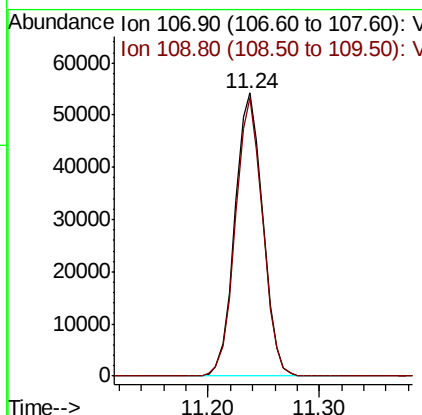
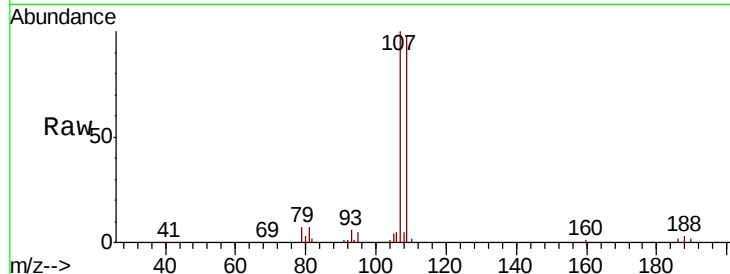




#61
 1,2-Dibromoethane
 Concen: 54.605 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

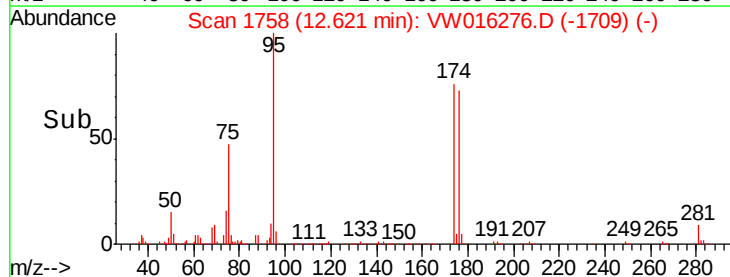
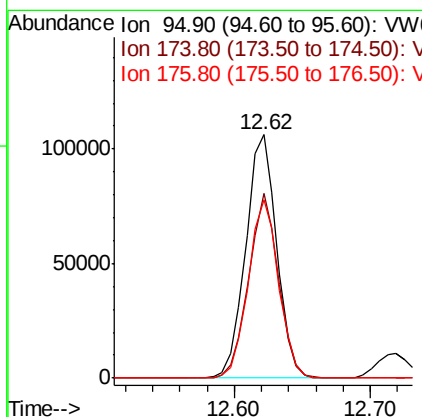
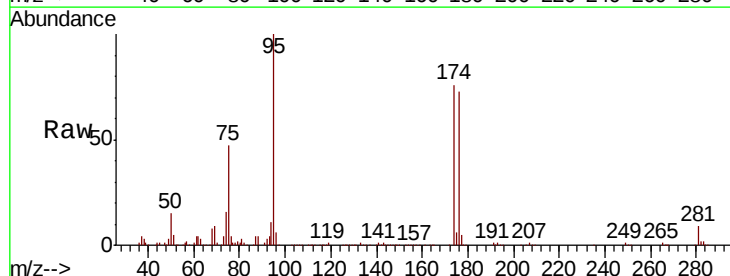
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

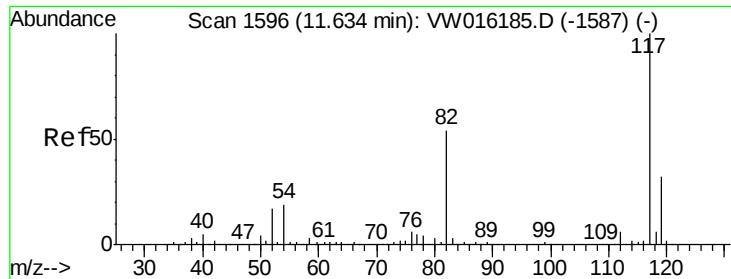
Tot Ion:107 Resp: 94170
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.518 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion: 95 Resp: 169430
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 145.6
 176 72.0 0.0 137.8

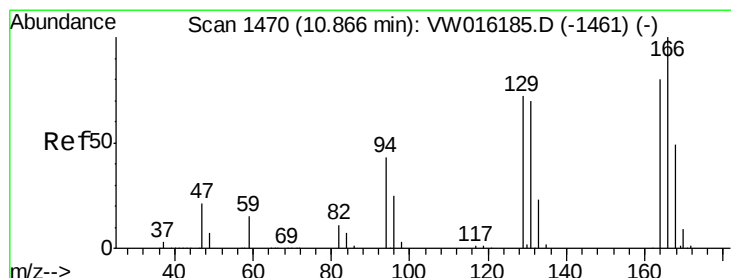
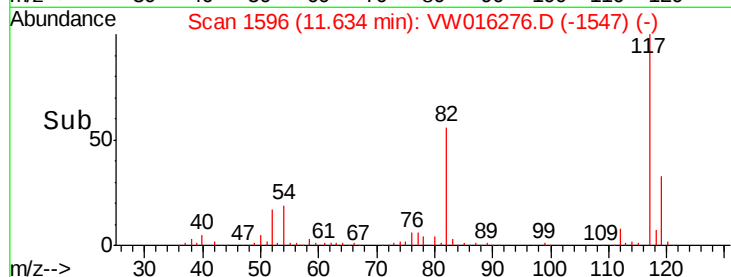
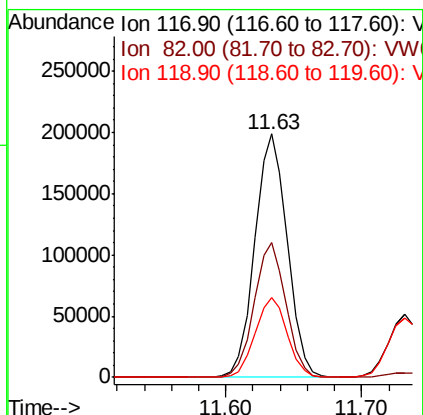
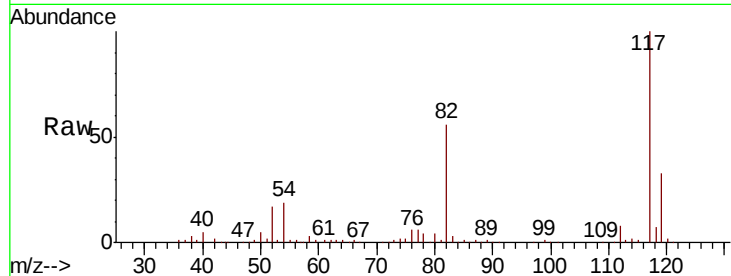




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

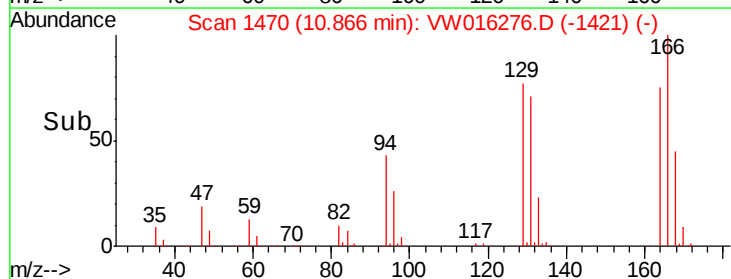
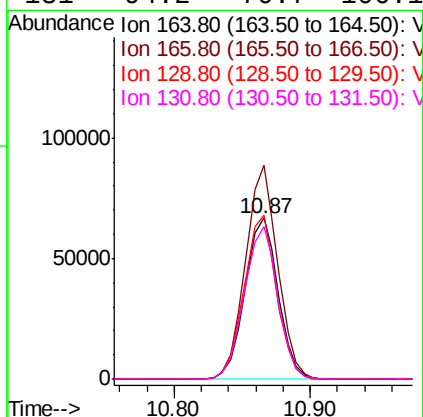
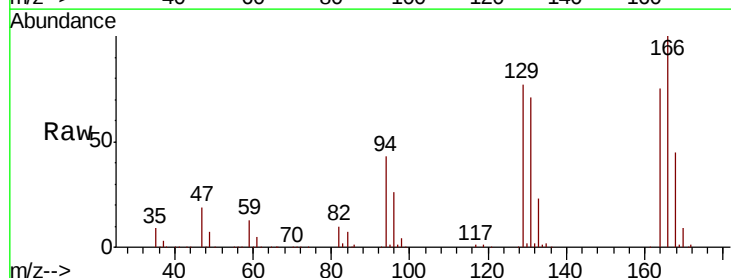
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

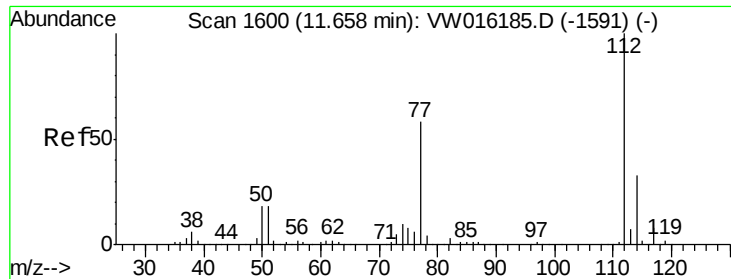
Tot Ion:117 Resp: 331560
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 52.156 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion:164 Resp: 113467
Ion Ratio Lower Upper
164 100
166 132.6 100.3 150.5
129 101.5 72.2 108.4
131 94.2 70.7 106.1

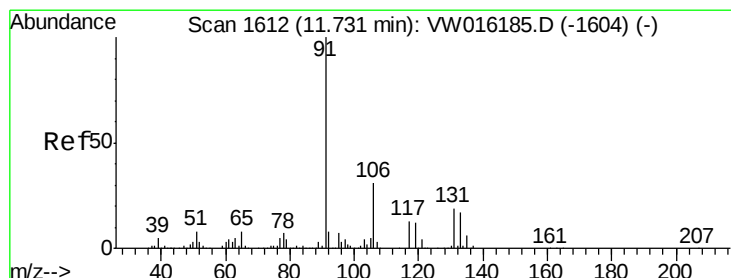
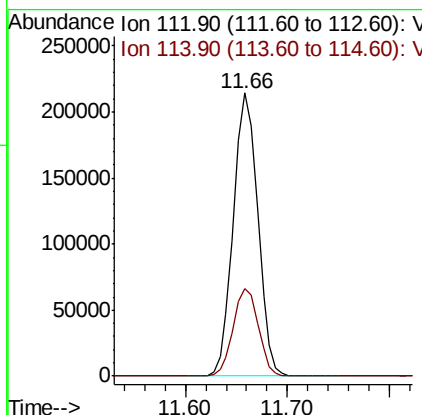
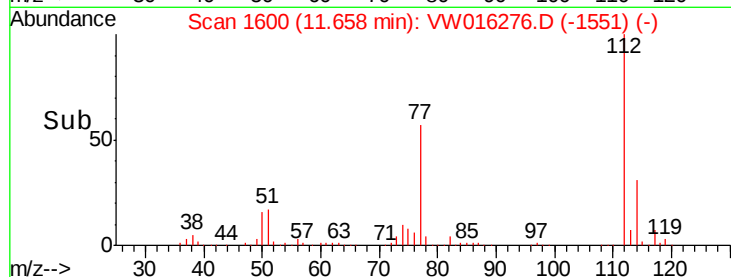
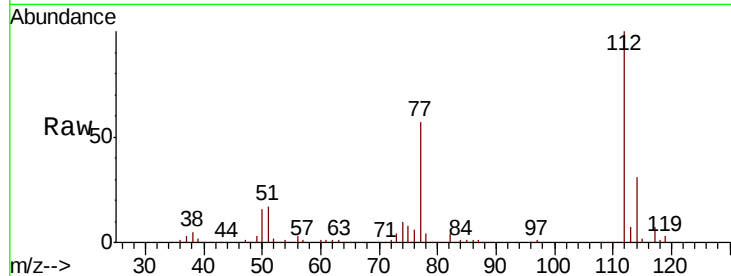




#65
Chlorobenzene
Concen: 52.281 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

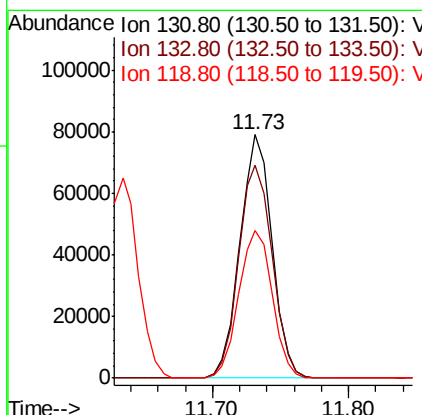
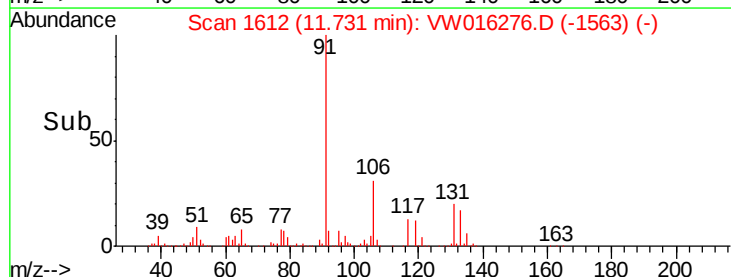
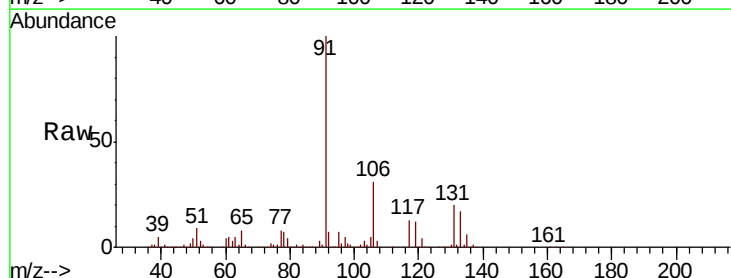
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

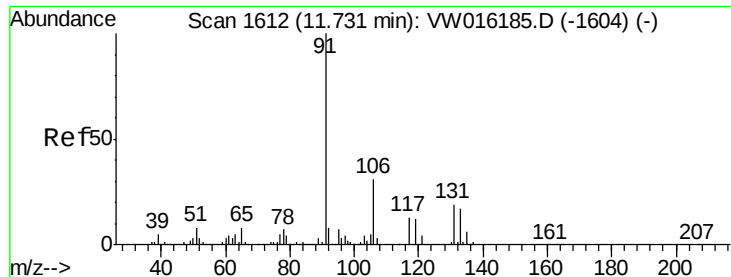
Tot Ion:112 Resp: 355288
Ion Ratio Lower Upper
112 100
114 30.9 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.769 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion:131 Resp: 130099
Ion Ratio Lower Upper
131 100
133 91.8 47.1 141.3
119 63.6 33.1 99.3

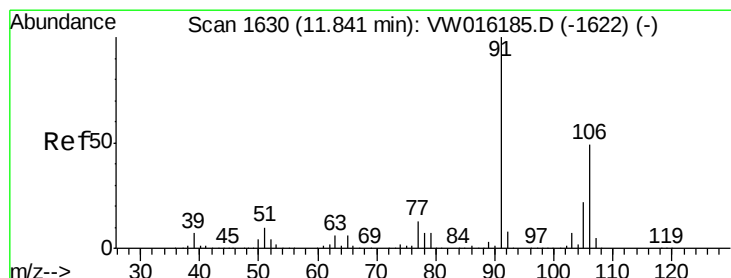
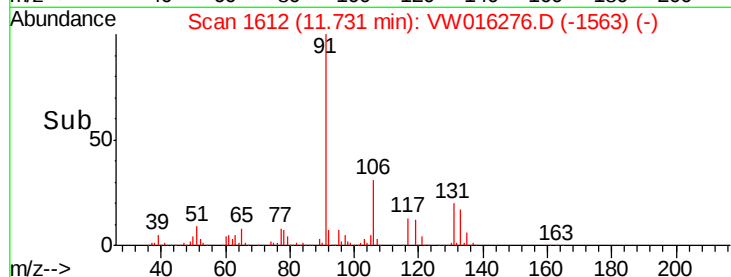
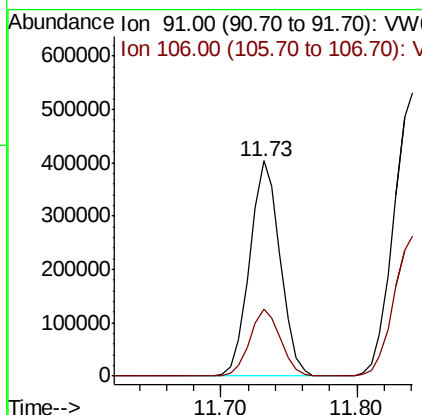
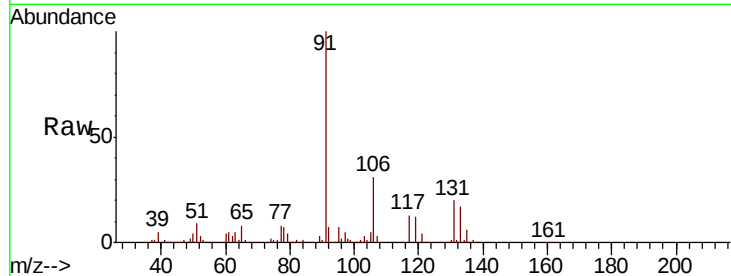




#67
Ethyl Benzene
Concen: 51.838 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

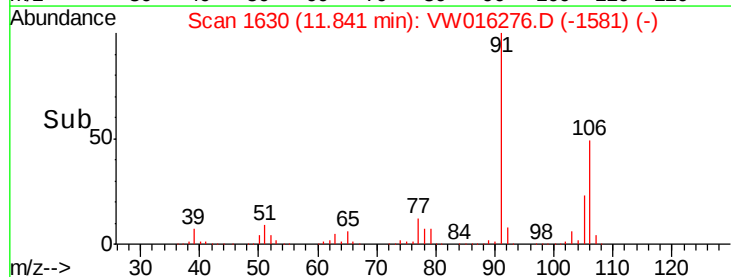
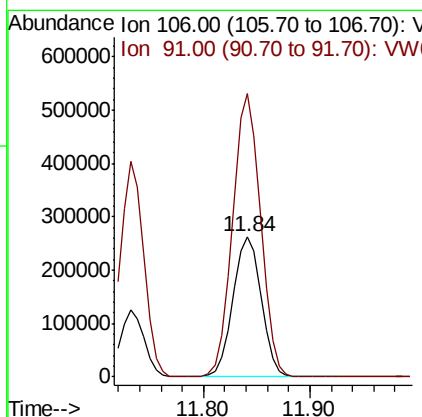
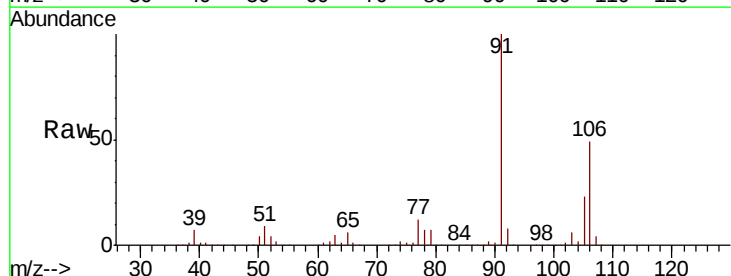
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

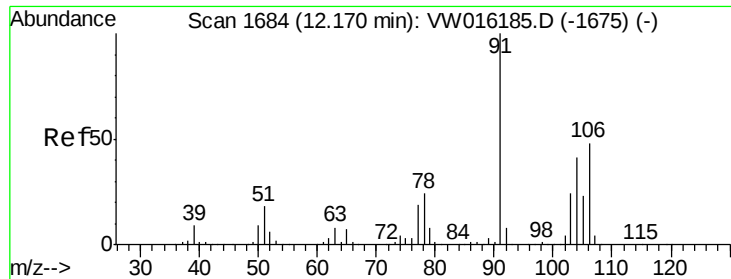
Tot Ion: 91 Resp: 633123
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 104.170 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion: 106 Resp: 489026
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2

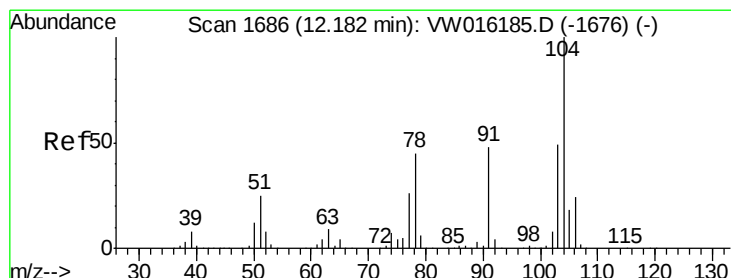
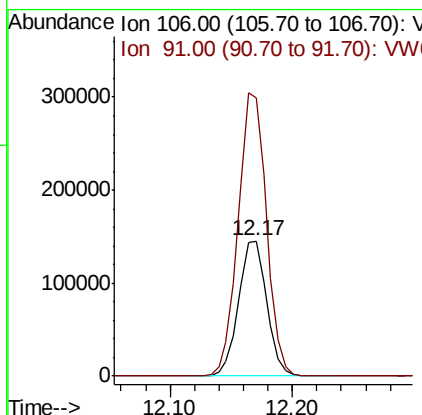
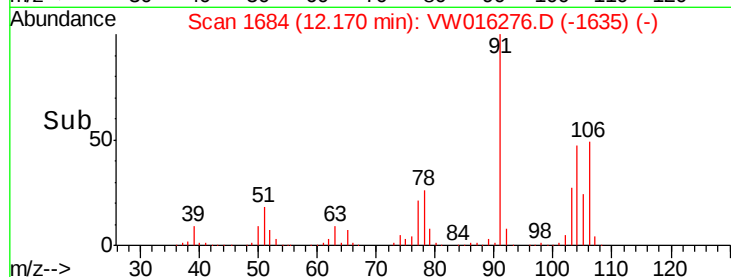
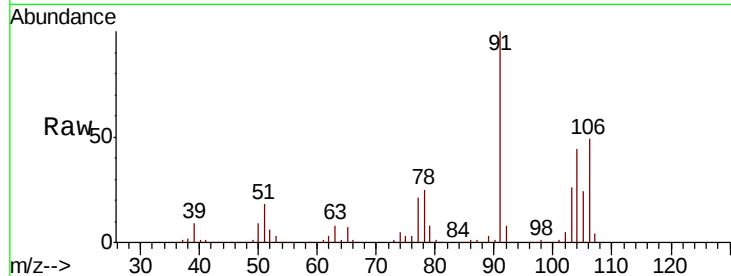




#69
o-Xylene
Concen: 55.415 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

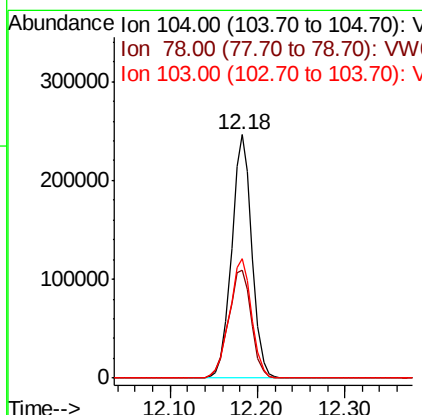
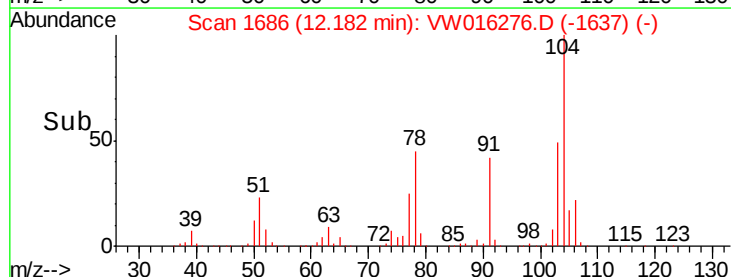
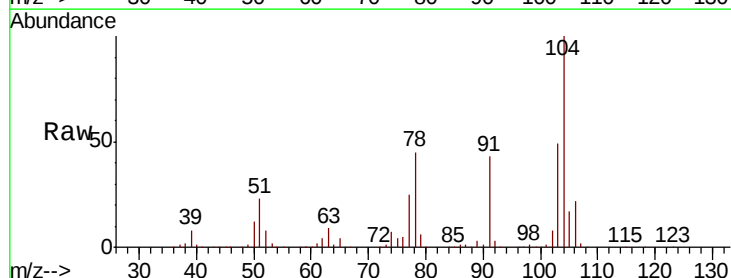
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

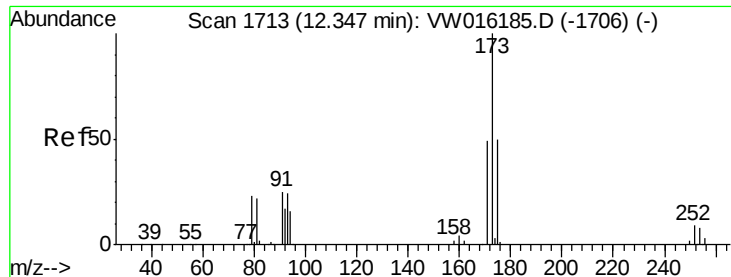
Tot Ion:106 Resp: 231762
Ion Ratio Lower Upper
106 100
91 210.5 106.0 317.9



#70
Styrene
Concen: 54.655 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion:104 Resp: 395551
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 53.6 42.9 64.3





#71

Bromoform

Concen: 57.810 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

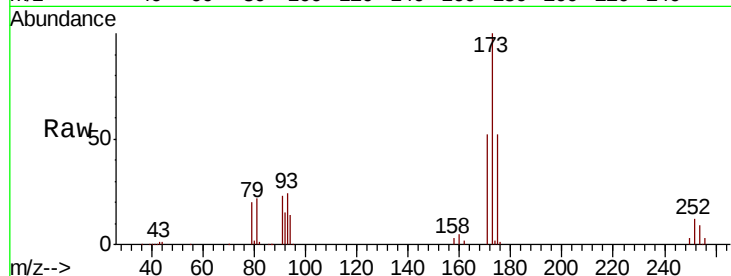
Tot Ion:173 Resp: 61457

Ion Ratio Lower Upper

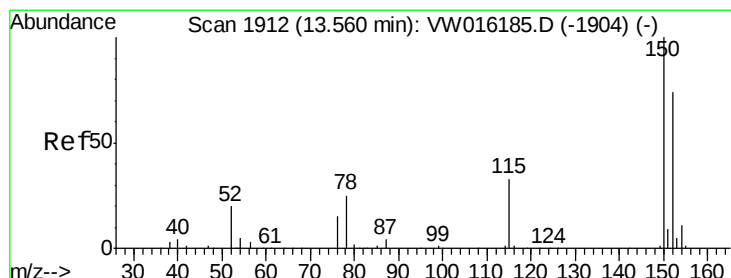
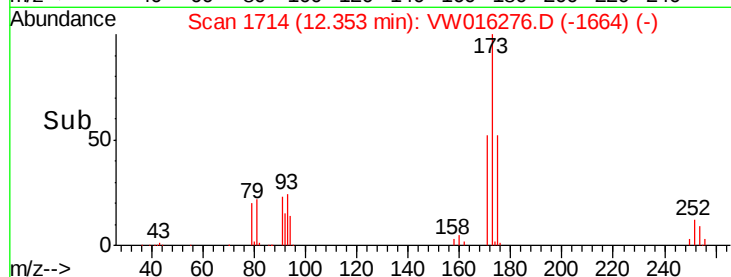
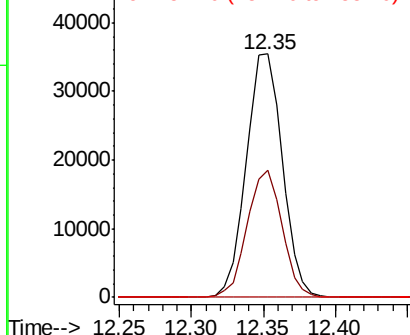
173 100

175 50.3 24.7 74.1

254 0.1 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: VW016276.D

Acq: 20 Aug 2020 21:29

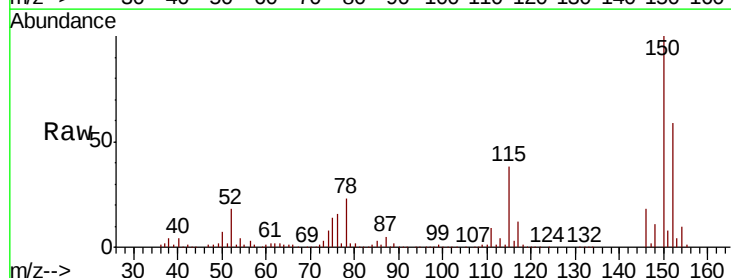
Tgt Ion:152 Resp: 161628

Ion Ratio Lower Upper

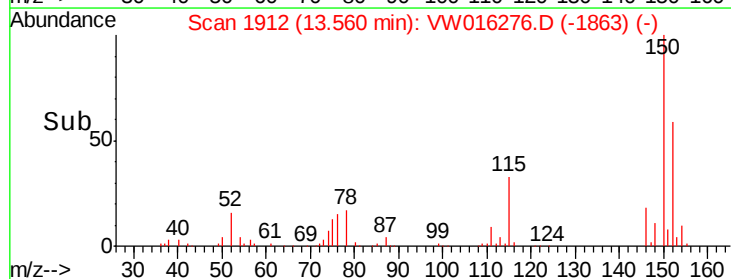
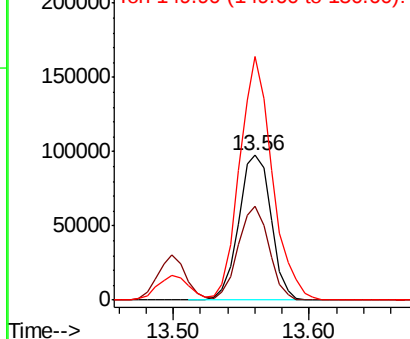
152 100

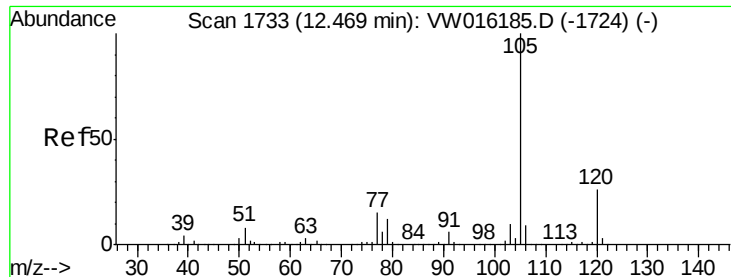
115 61.7 30.9 92.5

150 170.2 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: 50.310 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

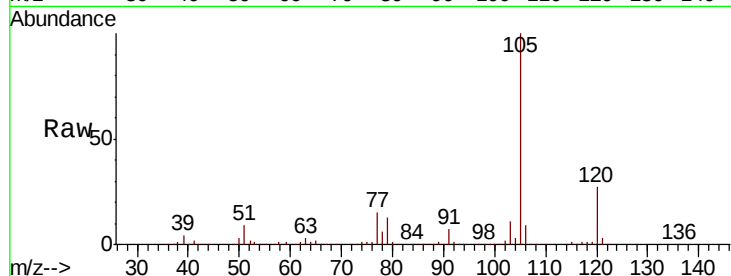
VSTDCCC050

Tot Ion: 105 Resp: 619649

Ion Ratio Lower Upper

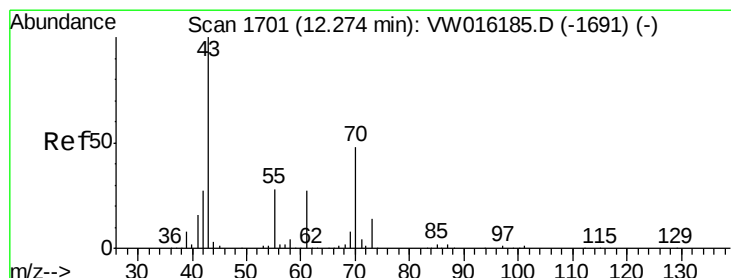
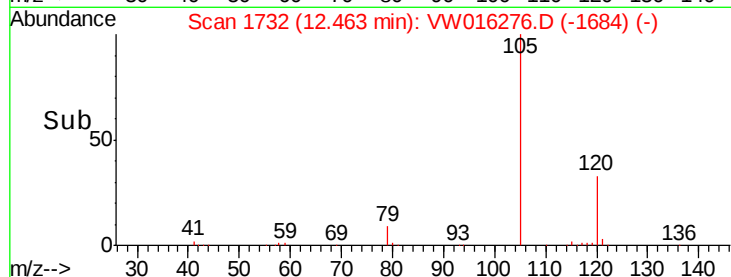
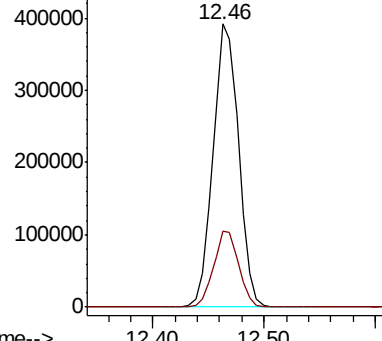
105 100

120 26.5 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: 54.334 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 43 Resp: 119844

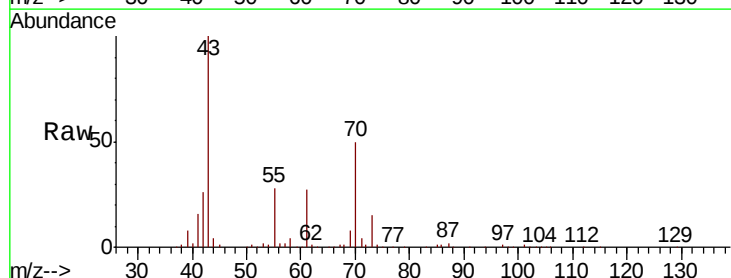
Ion Ratio Lower Upper

43 100

70 50.3 38.6 58.0

55 27.9 22.2 33.2

61 27.0 21.3 31.9

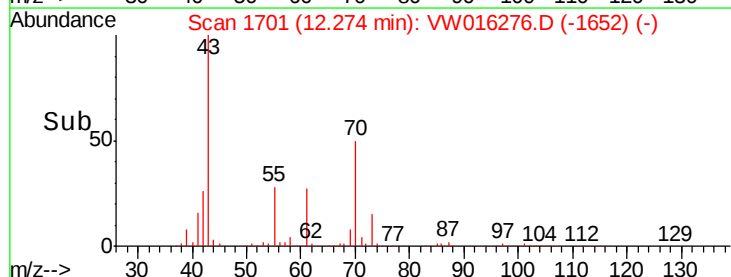
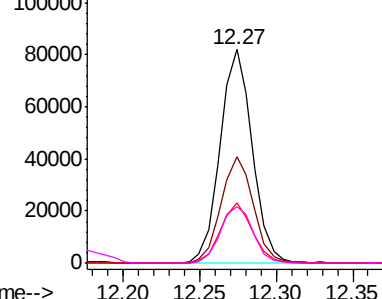


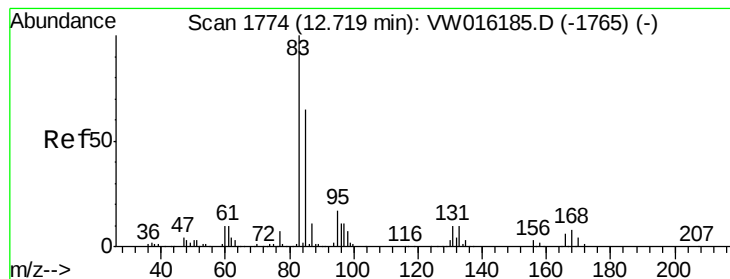
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 52.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

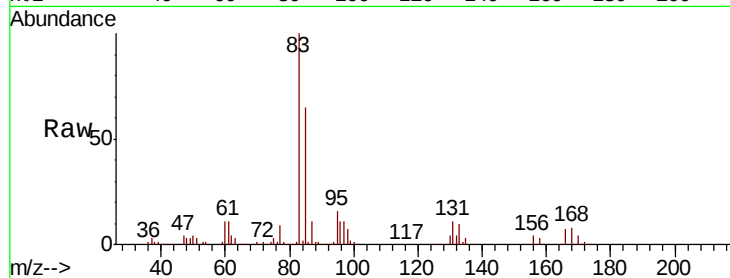
Tot Ion: 83 Resp: 107403

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

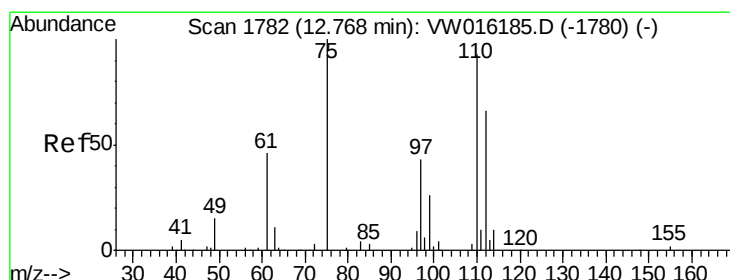
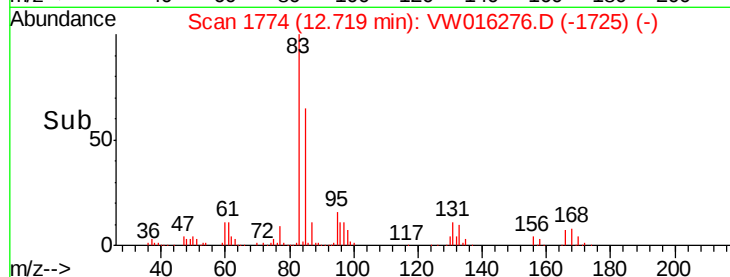
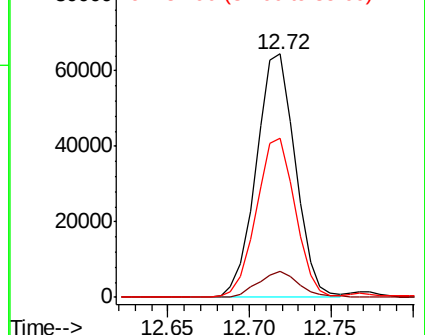
85 65.0 31.3 93.9



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: 91.172 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016276.D

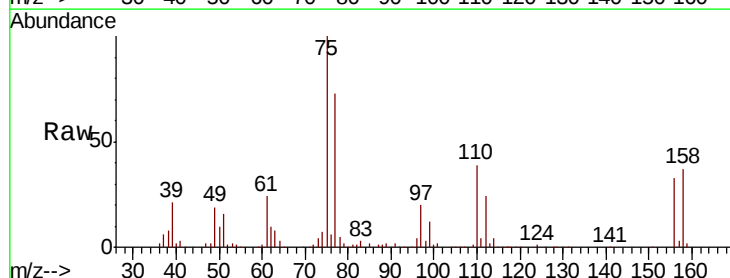
Acq: 20 Aug 2020 21:29

Tgt Ion: 75 Resp: 135522

Ion Ratio Lower Upper

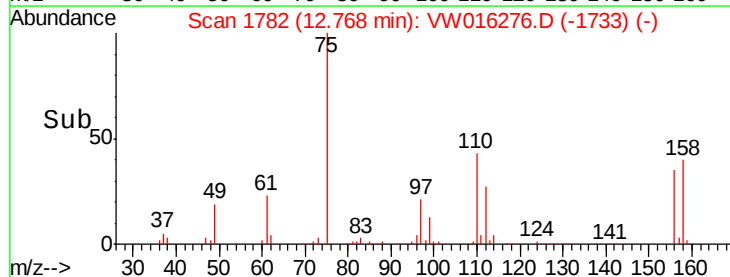
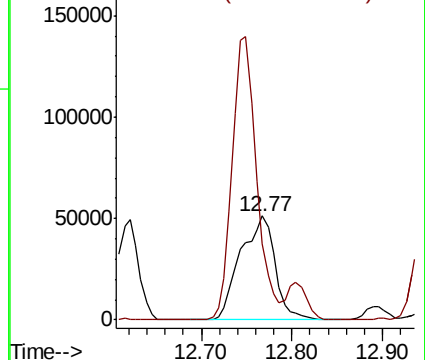
75 100

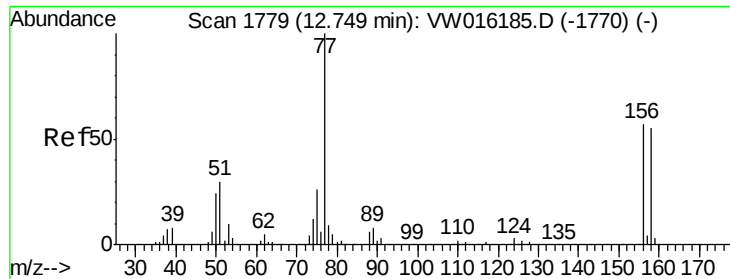
77 193.3 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.794 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

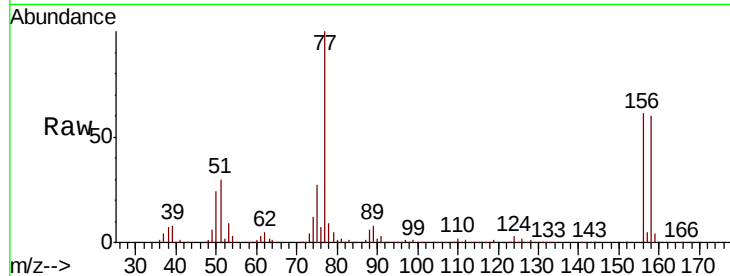
Tot Ion:156 Resp: 141098

Ion Ratio Lower Upper

156 100

77 185.7 97.9 293.6

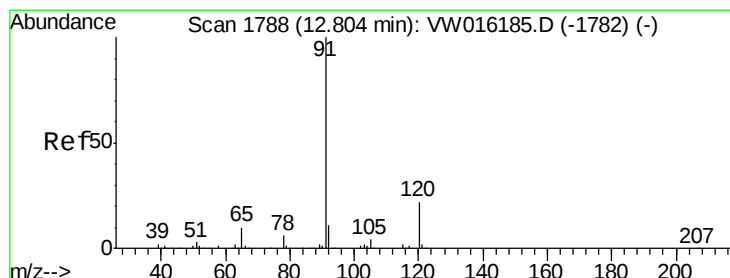
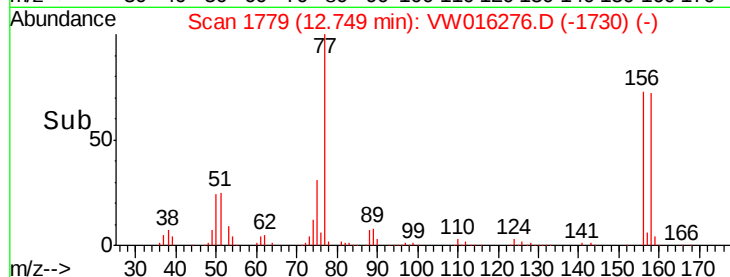
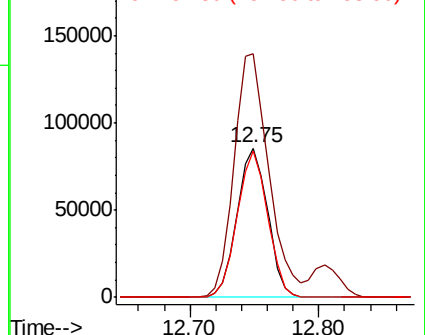
158 97.8 49.0 147.2



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: 50.086 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016276.D

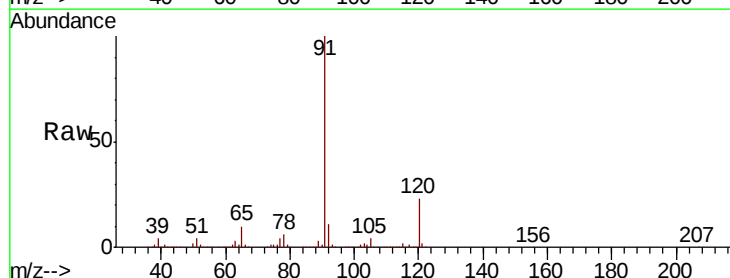
Acq: 20 Aug 2020 21:29

Tgt Ion: 91 Resp: 736337

Ion Ratio Lower Upper

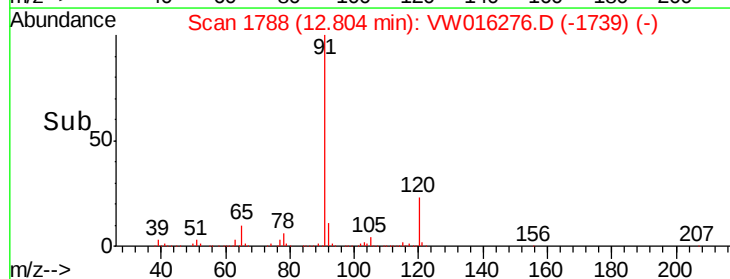
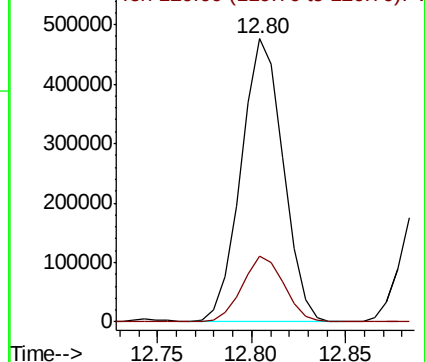
91 100

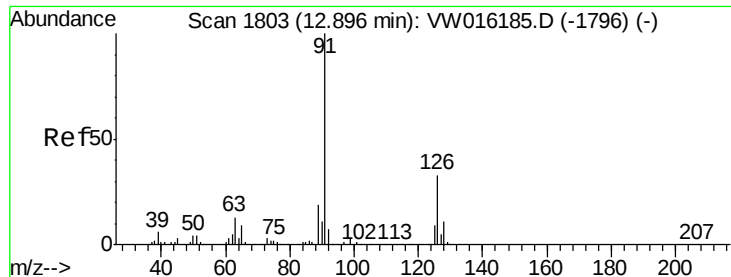
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.748 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

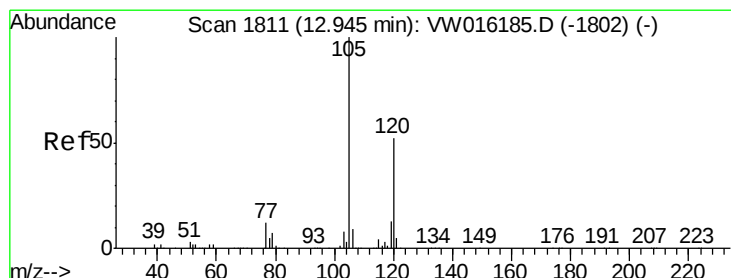
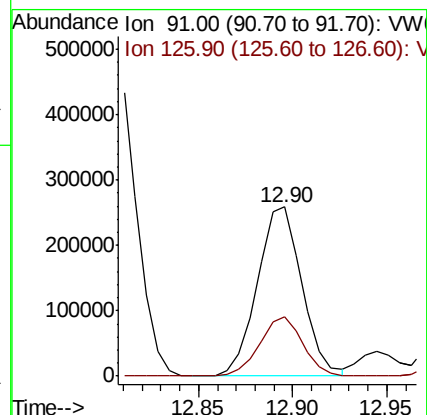
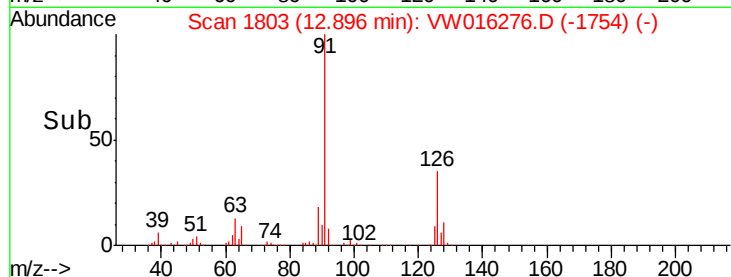
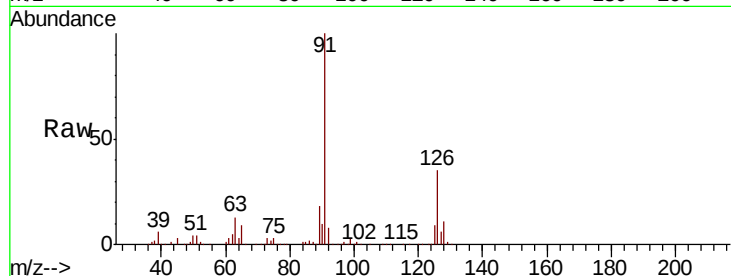
VSTDCCC050

Tot Ion: 91 Resp: 422484

Ion Ratio Lower Upper

91 100

126 33.9 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 51.195 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016276.D

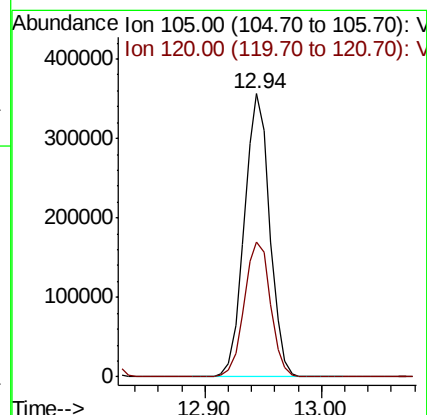
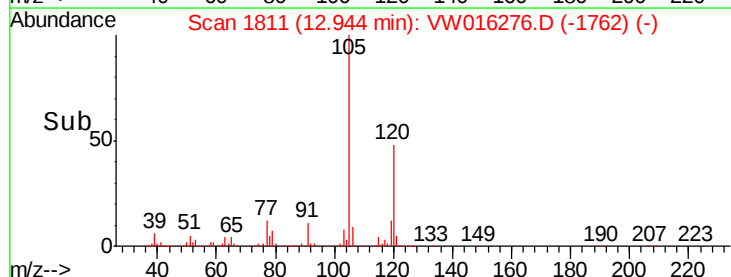
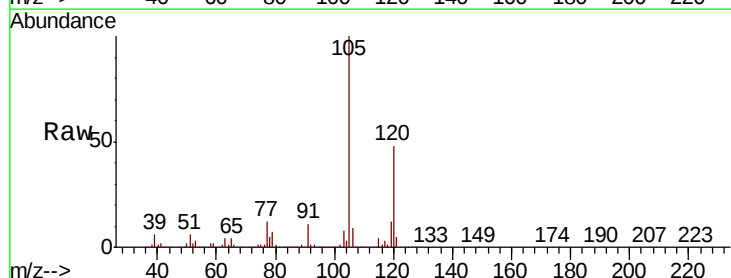
Acq: 20 Aug 2020 21:29

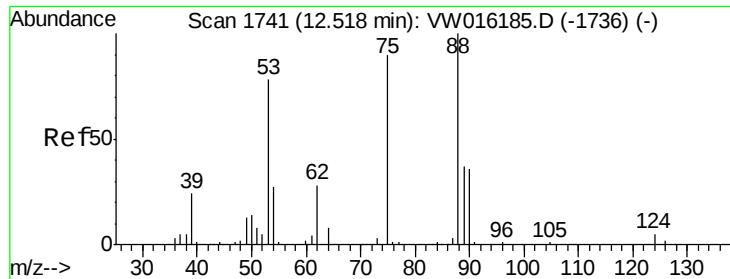
Tgt Ion:105 Resp: 541276

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.450 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

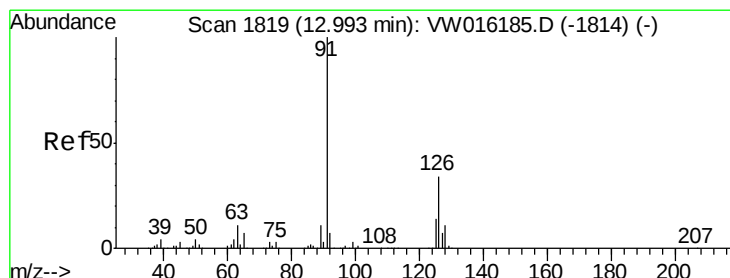
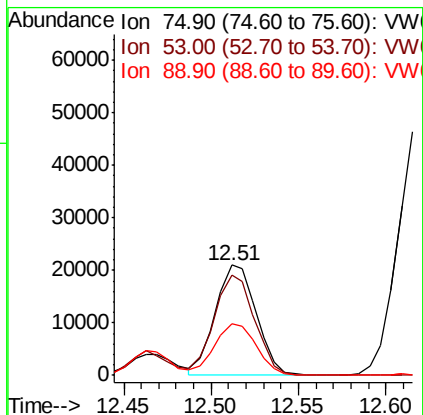
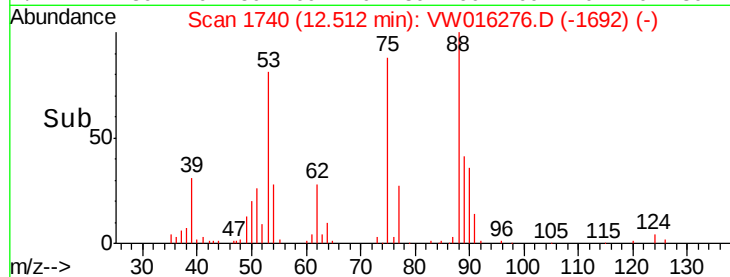
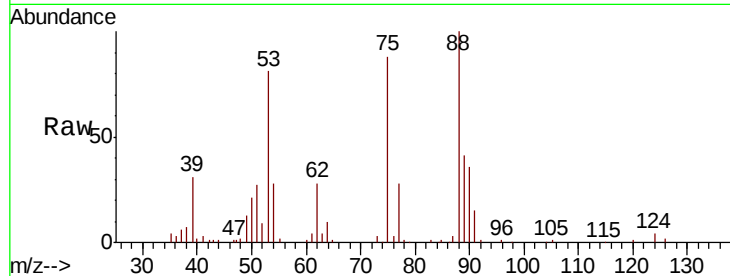
Tot Ion: 75 Resp: 34363

Ion Ratio Lower Upper

75 100

53 89.8 74.6 111.8

89 48.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 49.919 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016276.D

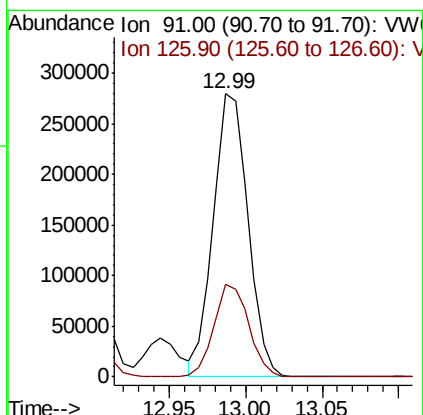
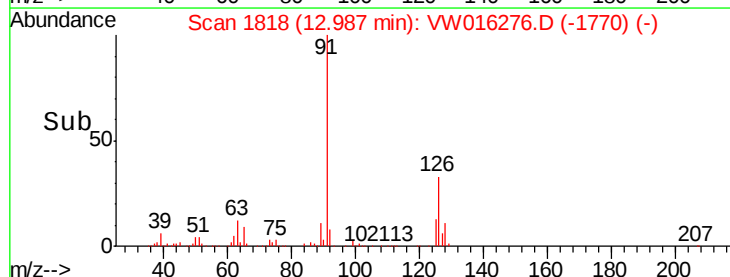
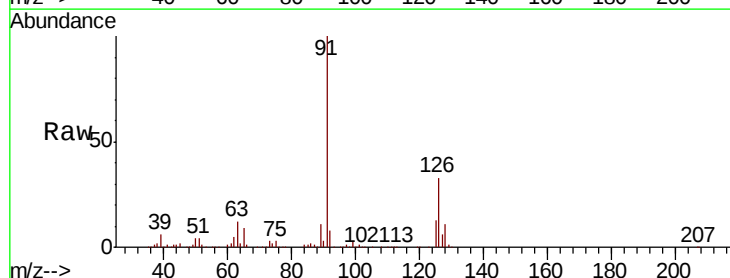
Acq: 20 Aug 2020 21:29

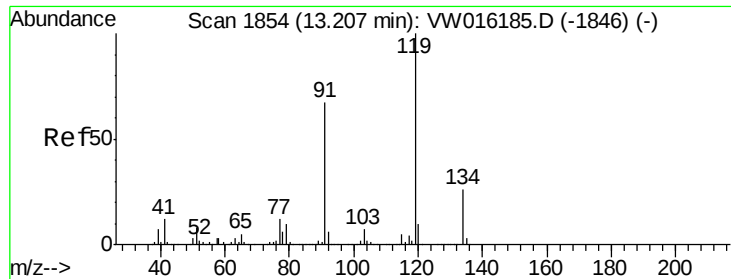
Tgt Ion: 91 Resp: 441342

Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.8

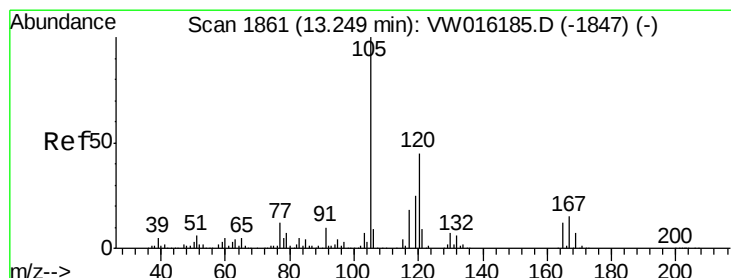
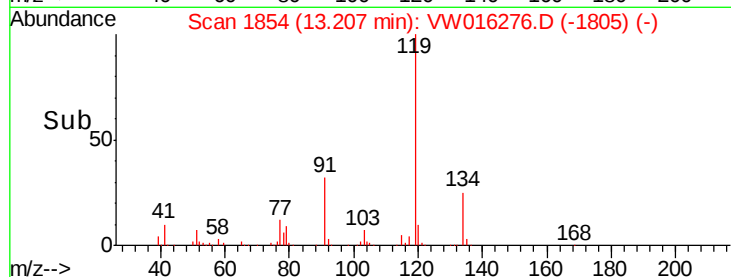
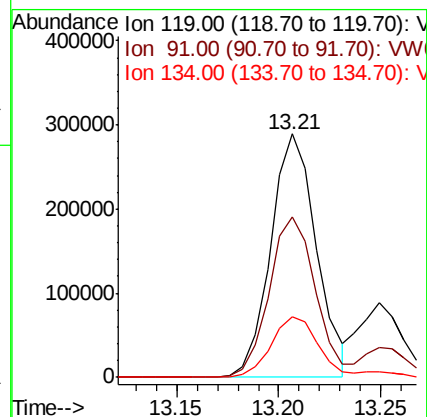
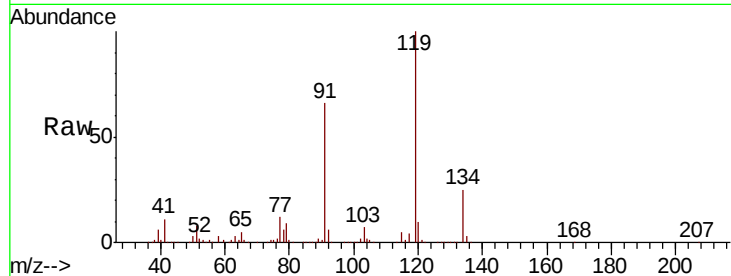




#83
tert-Butylbenzene
Concen: 52.210 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

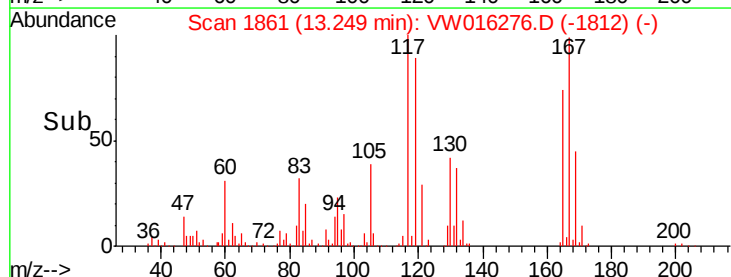
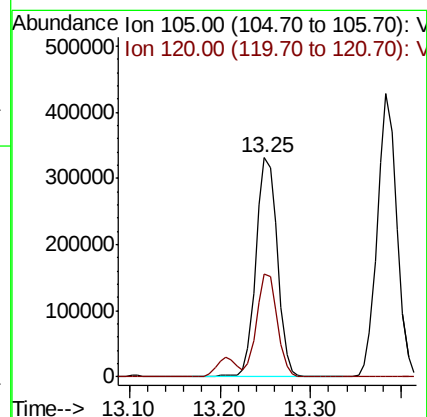
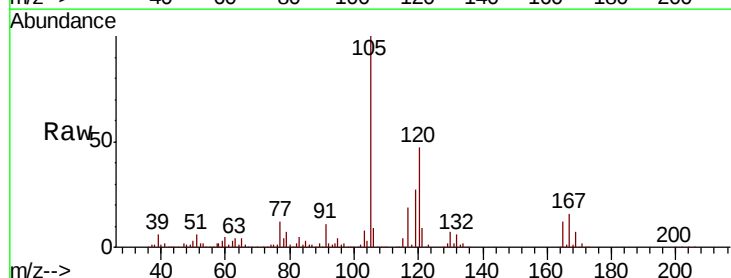
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

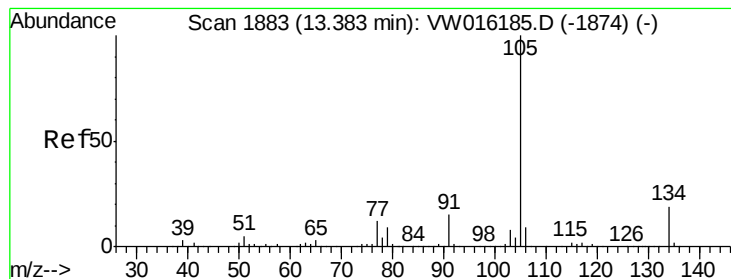
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.3	99.9
134	25.5	13.5	40.5



#84
1,2,4-Trimethylbenzene
Concen: 51.843 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW016276.D
Acq: 20 Aug 2020 21:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 50.683 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

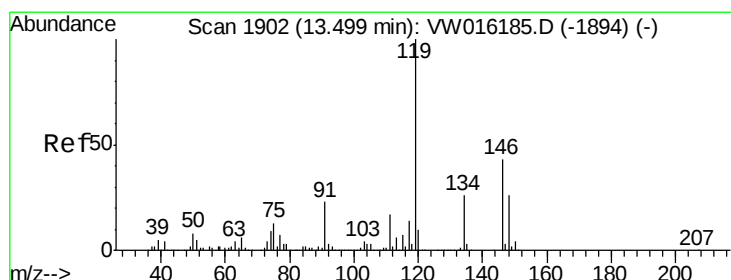
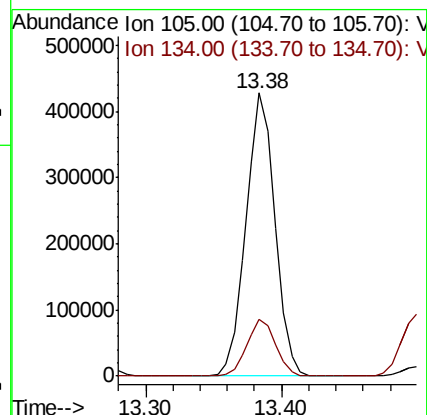
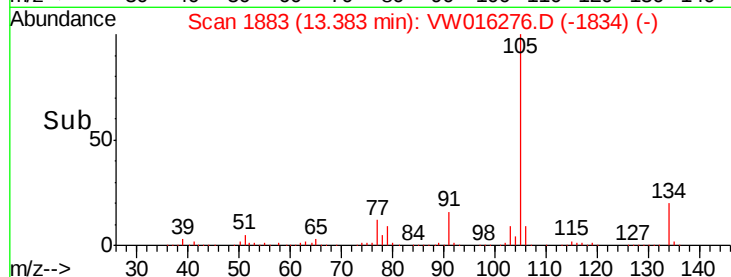
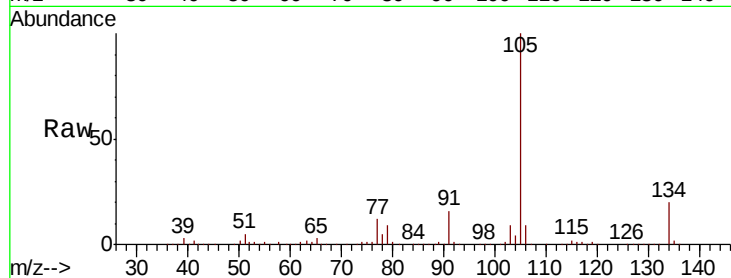
VSTDCCC050

Tot Ion:105 Resp: 638299

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.351 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

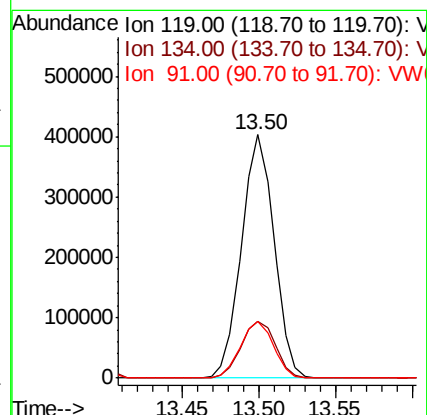
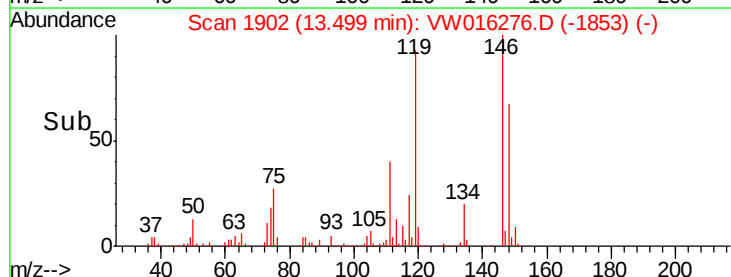
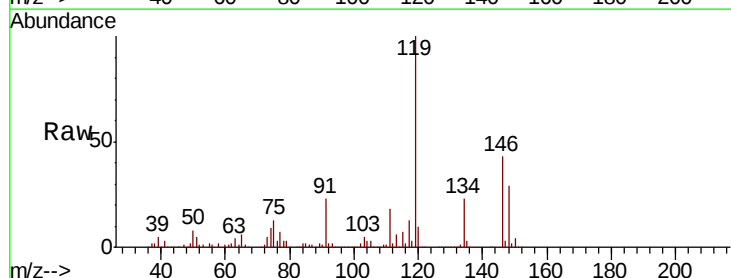
Tgt Ion:119 Resp: 596320

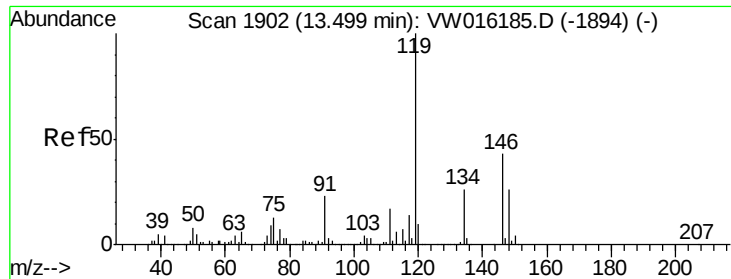
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 23.6 11.8 35.3

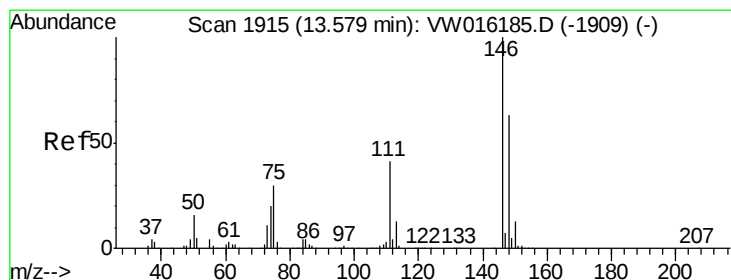
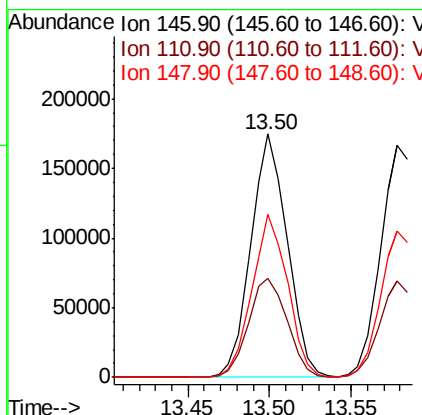
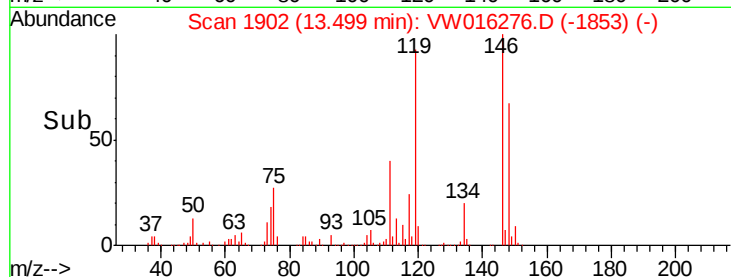
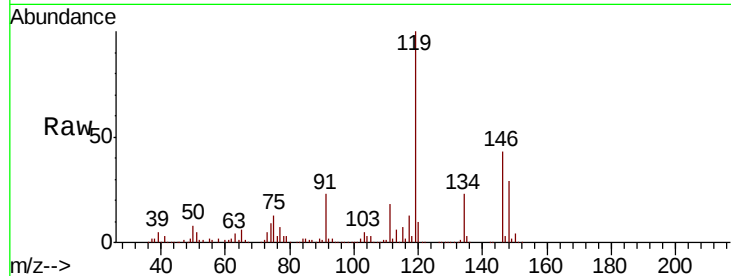




#87
 1,3-Dichlorobenzene
 Concen: 49.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

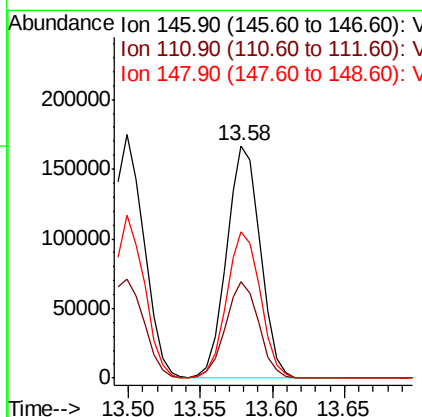
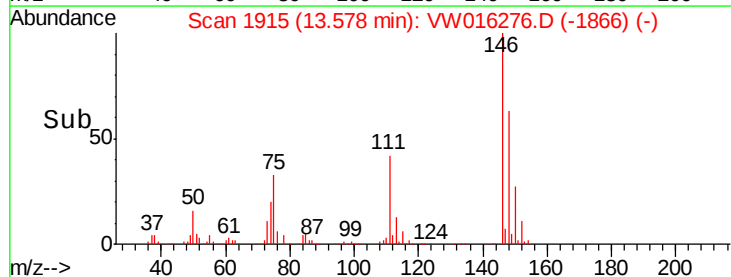
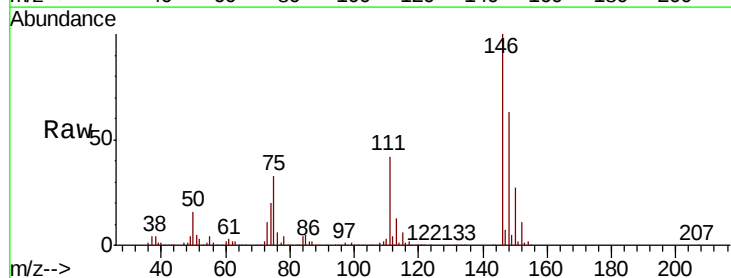
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

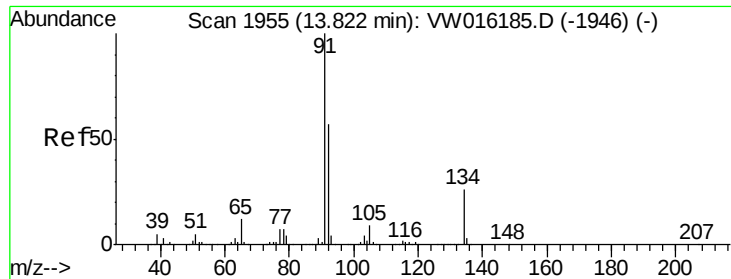
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.8	62.5
148	65.3	31.1	93.5



#88
 1,4-Dichlorobenzene
 Concen: 50.671 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.2
148	63.2	32.1	96.3





#89

n-Butylbenzene

Concen: 52.130 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

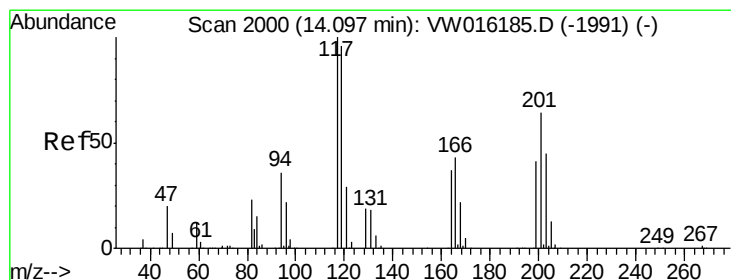
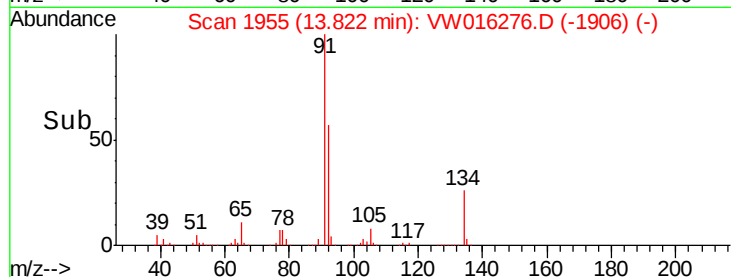
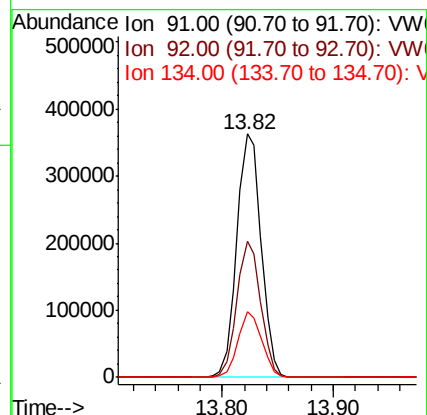
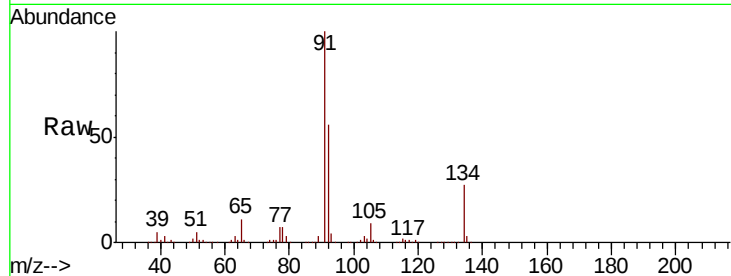
Tot Ion: 91 Resp: 549336

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.2

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 51.103 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW016276.D

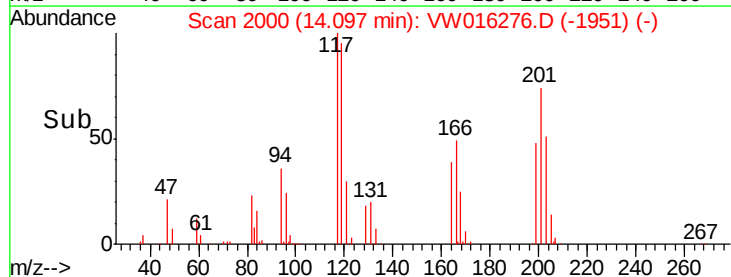
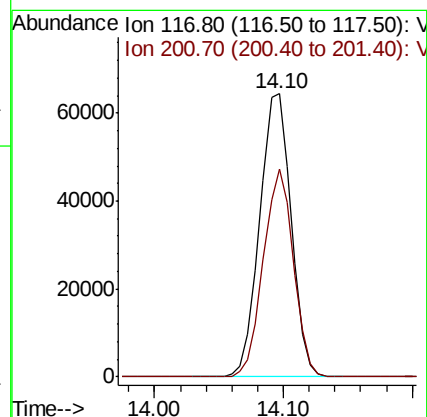
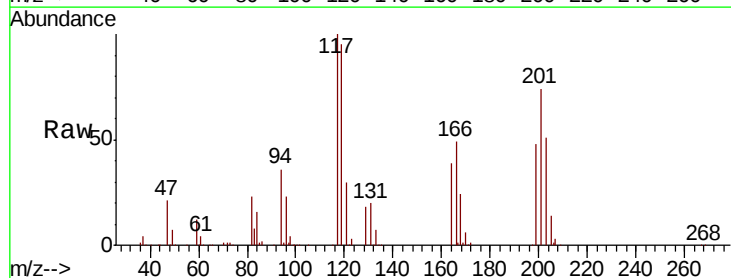
Acq: 20 Aug 2020 21:29

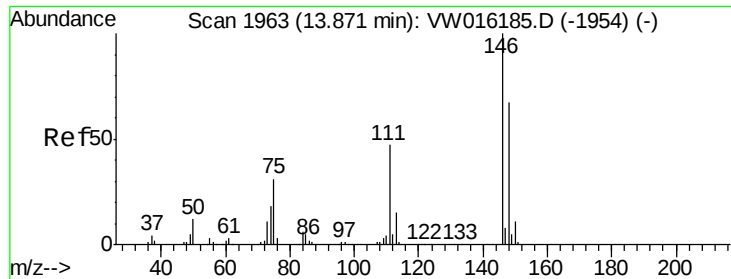
Tgt Ion: 117 Resp: 108633

Ion Ratio Lower Upper

117 100

201 70.4 33.8 101.3





#91

1,2-Dichlorobenzene

Concen: 51.386 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

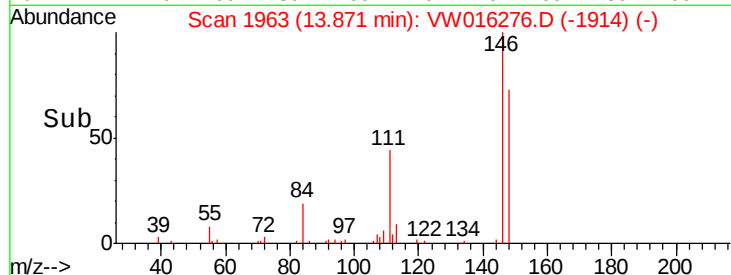
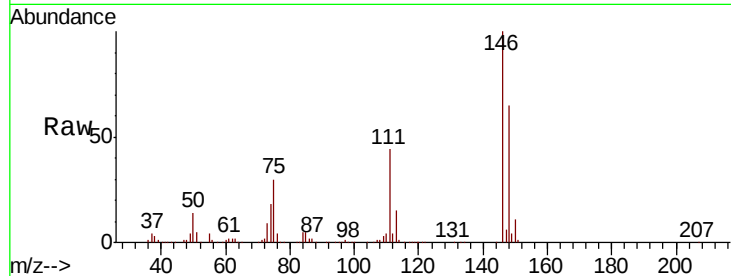
Tot Ion:146 Resp: 244418

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.8

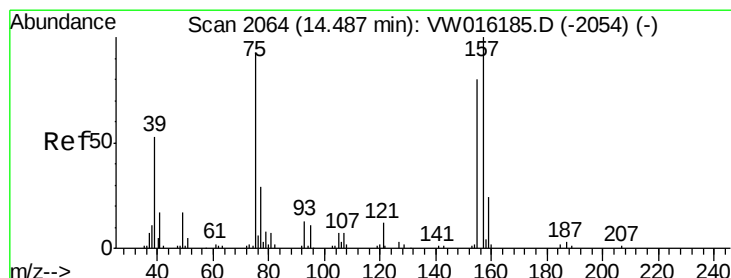
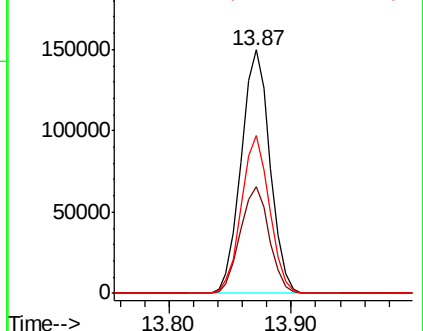
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.703 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

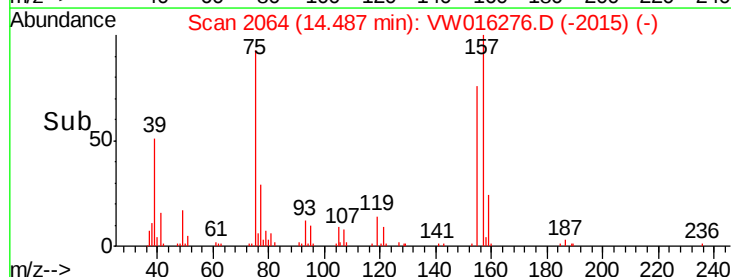
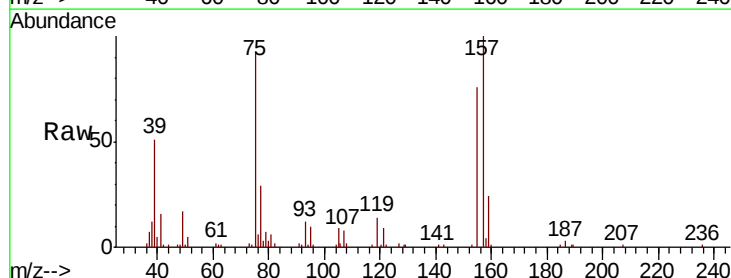
Tgt Ion: 75 Resp: 18281

Ion Ratio Lower Upper

75 100

155 86.2 41.3 124.1

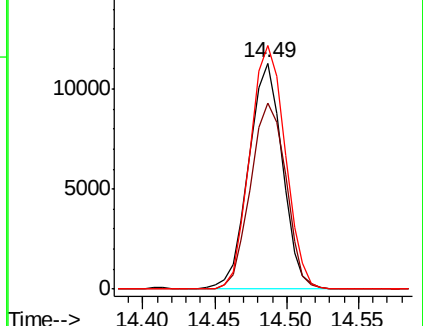
157 112.4 53.0 159.0

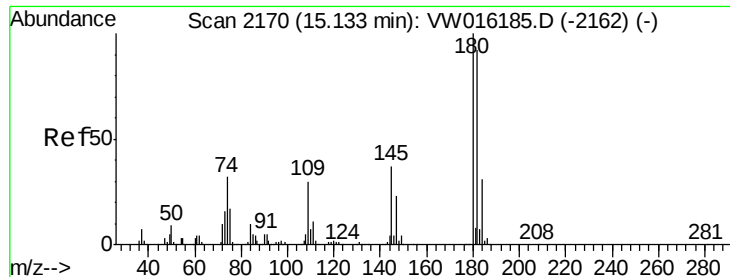


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

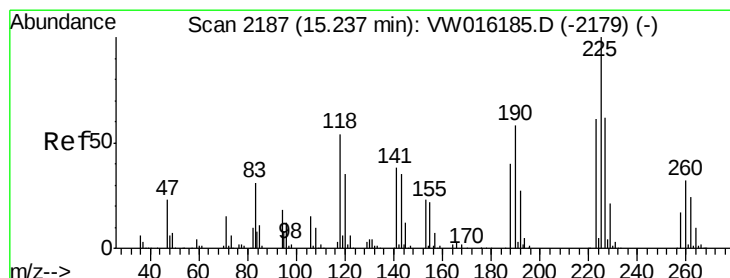
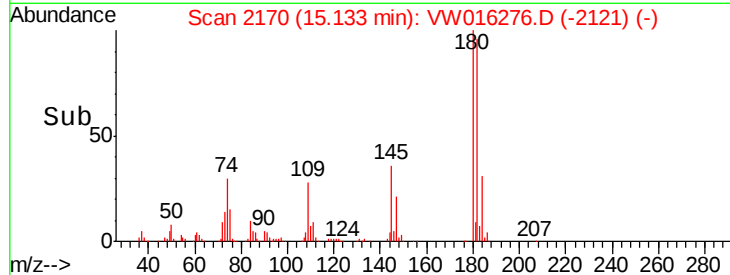
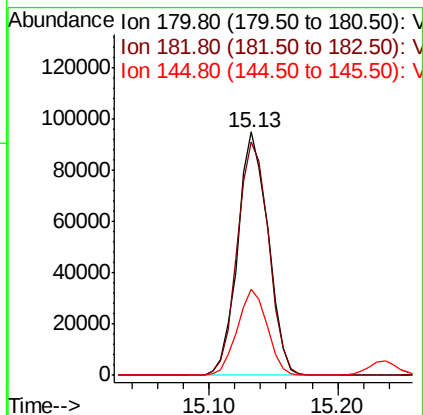
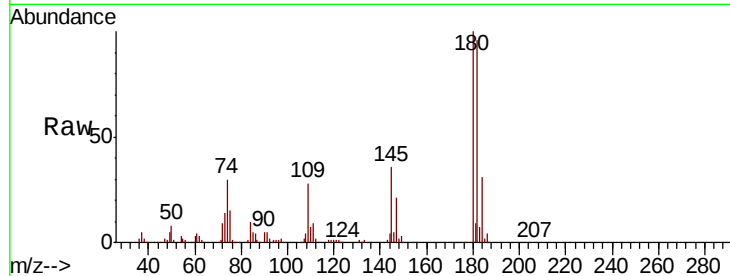




#93
 1,2,4-Trichlorobenzene
 Concen: 54.636 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

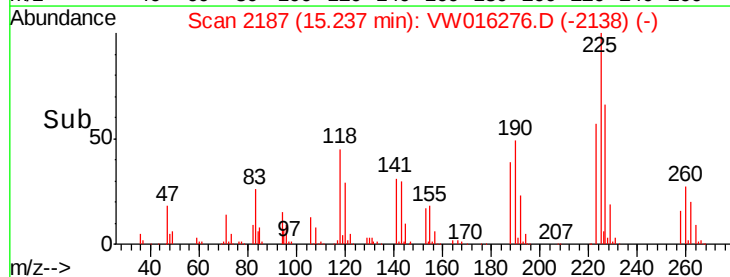
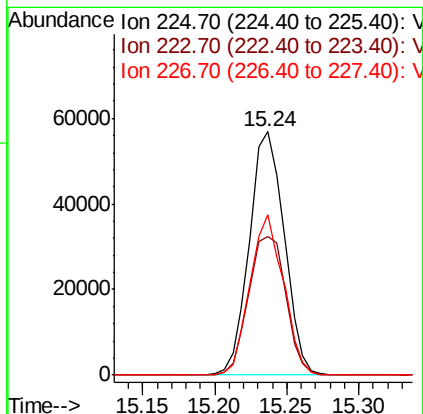
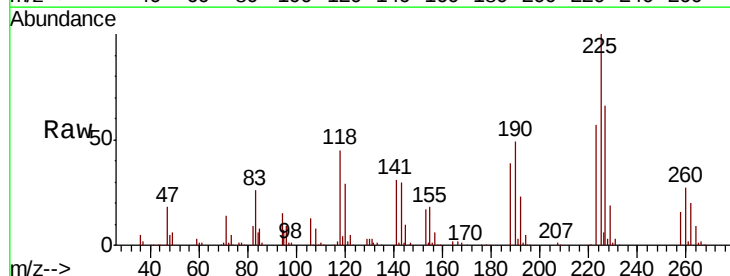
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

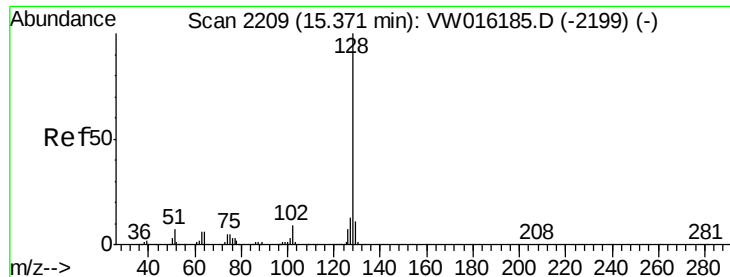
Tot Ion:180 Resp: 154973
 Ion Ratio Lower Upper
 180 100
 182 98.9 46.0 138.0
 145 34.9 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 56.521 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016276.D
 Acq: 20 Aug 2020 21:29

Tgt Ion:225 Resp: 95315
 Ion Ratio Lower Upper
 225 100
 223 61.1 33.0 99.0
 227 63.4 32.0 96.2





#95

Naphthalene

Concen: 53.869 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

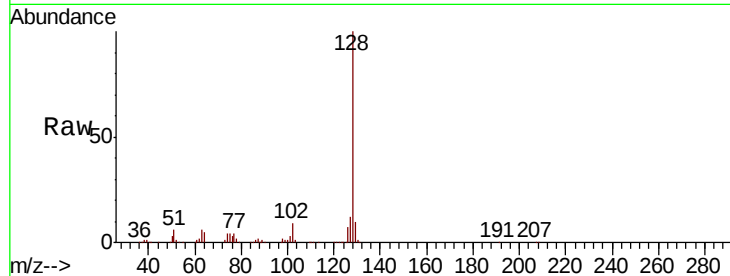
Tot Ion:128 Resp: 322145

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

250000

200000

150000

100000

50000

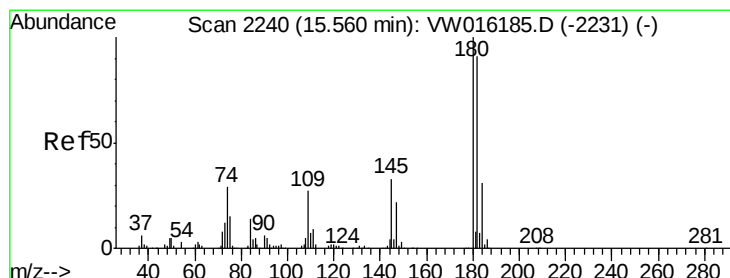
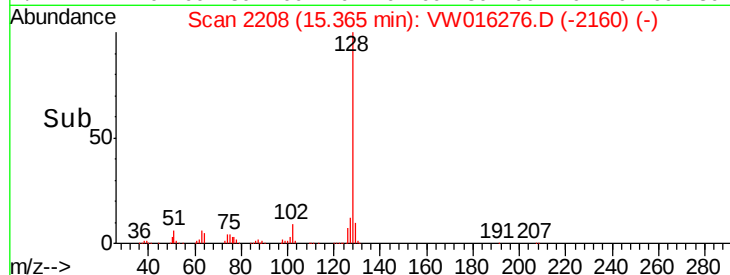
0

15.36

15.30

15.40

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 56.016 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

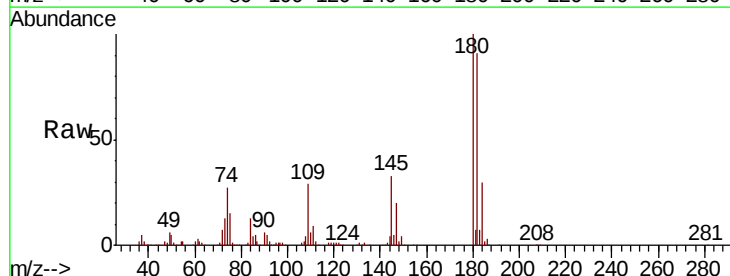
Tgt Ion:180 Resp: 136449

Ion Ratio Lower Upper

180 100

182 96.3 47.7 143.1

145 36.3 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

100000

80000

60000

40000

20000

0

15.56

15.50

15.60

Time-->

