

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
 Data File : VW016401.D
 Acq On : 28 Aug 2020 14:31
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 28 15:00:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	262929	151.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.52%	
35) Dibromofluoromethane	7.89	113	259250	148.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.72%	
50) Toluene-d8	10.32	98	969761	144.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.18%	
62) 4-Bromofluorobenzene	12.62	95	360750	149.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	154616	128.156	ug/l	99
3) Chloromethane	2.21	50	145340	116.202	ug/l	100
4) Vinyl Chloride	2.37	62	200193	113.977	ug/l	97
5) Bromomethane	2.77	94	143955	129.538	ug/l	100
6) Chloroethane	2.92	64	125731	125.974	ug/l	94
7) Trichlorofluoromethane	3.26	101	262043	173.077	ug/l	98
8) Diethyl Ether	3.68	74	127442	139.577	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	245911	129.337	ug/l	100
10) Methyl Iodide	4.27	142	379336	136.823	ug/l	99
11) Tert butyl alcohol	5.18	59	80511	844.725	ug/l	98
12) 1,1-Dichloroethene	4.04	96	251575	130.119	ug/l	99
13) Acrolein	3.90	56	58081	462.938	ug/l	96
14) Allyl chloride	4.67	41	320377	125.112	ug/l	100
15) Acrylonitrile	5.37	53	247699	726.436	ug/l	100
16) Acetone	4.13	43	228227	713.937	ug/l	95
17) Carbon Disulfide	4.38	76	708441	125.618	ug/l	100
18) Methyl Acetate	4.67	43	104739	137.078	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	375024	154.069	ug/l	99
20) Methylene Chloride	4.92	84	265390	107.336	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	276793	131.315	ug/l	99
22) Diisopropyl ether	6.31	45	609579	126.078	ug/l	99
23) Vinyl Acetate	6.26	43	1949688	701.828	ug/l	99
24) 1,1-Dichloroethane	6.22	63	440375	129.370	ug/l	99
25) 2-Butanone	7.17	43	303427	698.520	ug/l	95
26) 2,2-Dichloropropane	7.17	77	302387	134.301	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	304355	138.951	ug/l	97
28) Bromochloromethane	7.51	49	161601	126.800	ug/l	99
29) Tetrahydrofuran	7.53	42	189704	726.378	ug/l	99
30) Chloroform	7.68	83	488352	135.986	ug/l	99
31) Cyclohexane	7.96	56	377650	120.905	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	435155	143.176	ug/l	98
36) 1,1-Dichloropropene	8.09	75	383080	136.528	ug/l	100
37) Ethyl Acetate	7.25	43	134524	141.543	ug/l	98
38) Carbon Tetrachloride	8.07	117	427704	150.171	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	487573	144.602	ug/l	98
40) Benzene	8.32	78	1035582	132.009	ug/l	99
41) Methacrylonitrile	7.48	41	77269	142.951	ug/l	96
42) 1,2-Dichloroethane	8.40	62	318254	150.664	ug/l	100
43) Isopropyl Acetate	8.43	43	274249	152.159	ug/l	99
44) Trichloroethene	9.09	130	306891	136.581	ug/l	94
45) 1,2-Dichloropropane	9.37	63	237838	129.410	ug/l	99
46) Dibromomethane	9.46	93	143016	145.709	ug/l	96
47) Bromodichloromethane	9.65	83	376848	147.846	ug/l	98
48) Methyl methacrylate	9.44	41	141146	168.912	ug/l	92
49) 1,4-Dioxane	9.46	88	41458	3370.949	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	672766	743.190	ug/l	100
52) Toluene	10.39	92	697371	138.493	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	380759	160.834	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	438566	150.806	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	203552	144.290	ug/l	96
56) Ethyl methacrylate	10.65	69	261916	164.148	ug/l	98
57) 1,3-Dichloropropane	10.93	76	343014	143.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	542372	745.230	ug/l	99
59) 2-Hexanone	10.97	43	469403	760.809	ug/l	98
60) Dibromochloromethane	11.13	129	269226	158.504	ug/l	100
61) 1,2-Dibromoethane	11.24	107	202794	149.256	ug/l	97
64) Tetrachloroethene	10.87	164	254147	147.841	ug/l	95
65) Chlorobenzene	11.66	112	754782	141.796	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	281677	150.197	ug/l	98
67) Ethyl Benzene	11.73	91	1382302	145.153	ug/l	97
68) m/p-Xylenes	11.84	106	1030657	281.747	ug/l	99
69) o-Xylene	12.17	106	487833	149.642	ug/l	97
70) Styrene	12.18	104	844927	149.694	ug/l	99
71) Bromoform	12.35	173	146815	171.978	ug/l #	95
73) Isopropylbenzene	12.47	105	1379079	153.282	ug/l	100
74) N-amyl acetate	12.27	43	247757	155.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	219385	147.185	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	292705	271.457	ug/l	27
77) Bromobenzene	12.75	156	307354	152.985	ug/l	99
78) n-propylbenzene	12.80	91	1582679	147.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	912304	147.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1161219	149.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	75575	167.796	ug/l	98
82) 4-Chlorotoluene	12.99	91	950536	147.693	ug/l	98
83) tert-Butylbenzene	13.21	119	994326	156.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1152152	150.868	ug/l	99
85) sec-Butylbenzene	13.38	105	1360038	148.357	ug/l	100
86) p-Isopropyltoluene	13.50	119	1263419	151.257	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	569720	144.117	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	578204	146.922	ug/l	99
89) n-Butylbenzene	13.82	91	1164567	151.453	ug/l	99
90) Hexachloroethane	14.10	117	240983	154.460	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	515800	147.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40953	174.397	ug/l	91

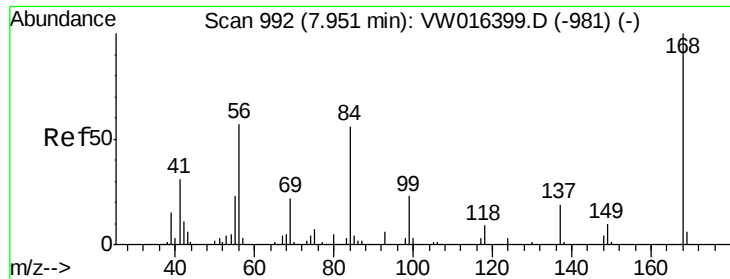
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
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Quant Title : SW846 8260
QLast Update : Fri Aug 28 14:25:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	370781	176.009	ug/l	95
94) Hexachlorobutadiene	15.24	225	206598	162.038	ug/l	96
95) Naphthalene	15.36	128	745718	193.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	323592	179.153	ug/l	98

(#) = 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: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

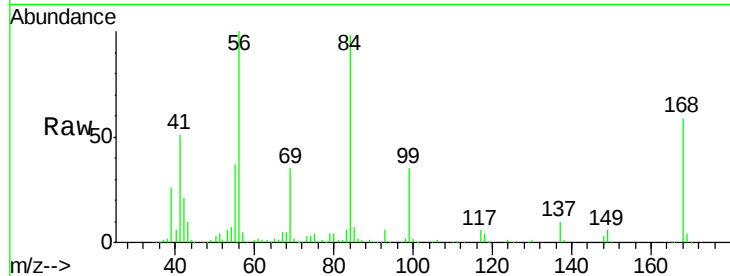
VSTDIC150

Tgt Ion:168 Resp: 179003

Ion Ratio Lower Upper

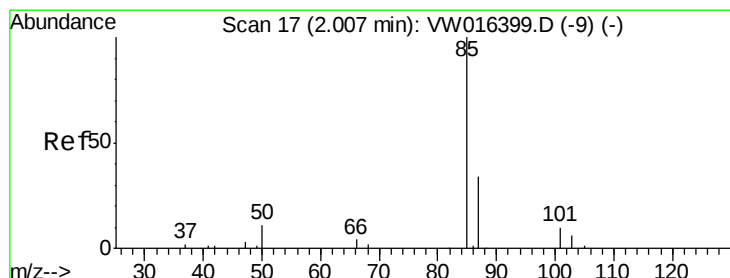
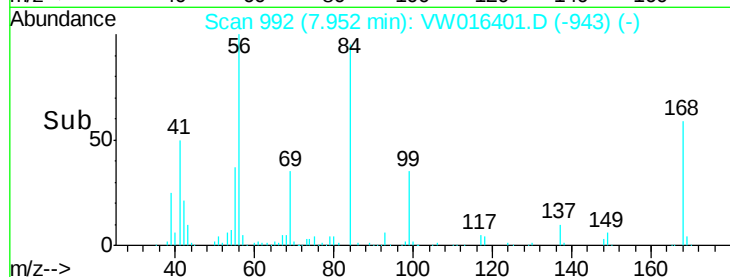
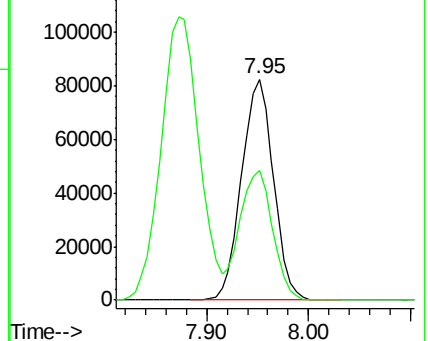
168 100

99 58.6 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 128.156 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016401.D

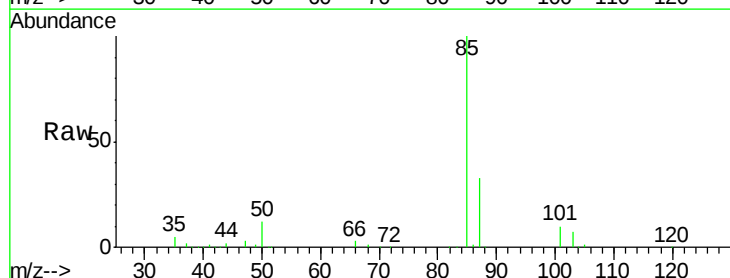
Acq: 28 Aug 2020 14:31

Tgt Ion: 85 Resp: 154616

Ion Ratio Lower Upper

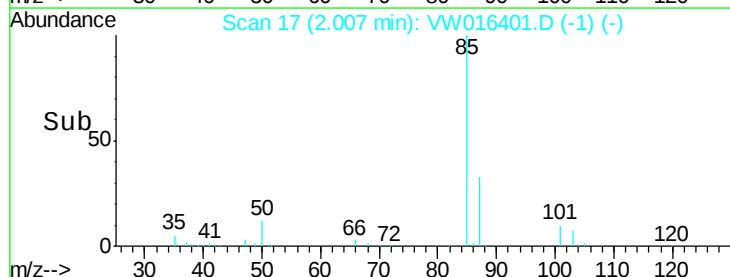
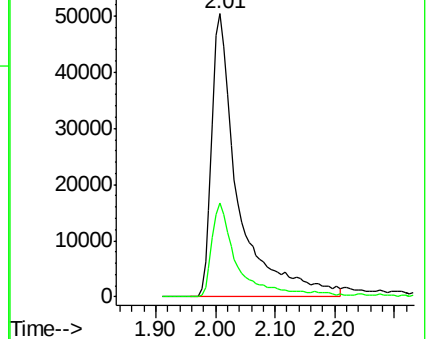
85 100

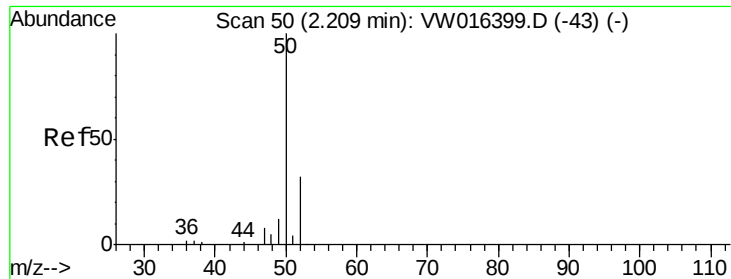
87 33.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 116.202 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

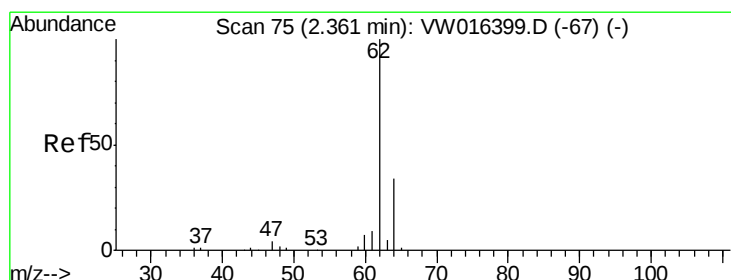
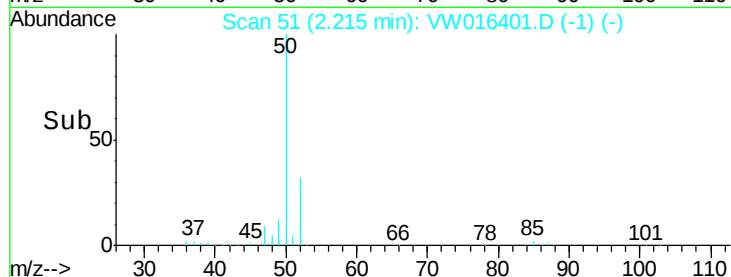
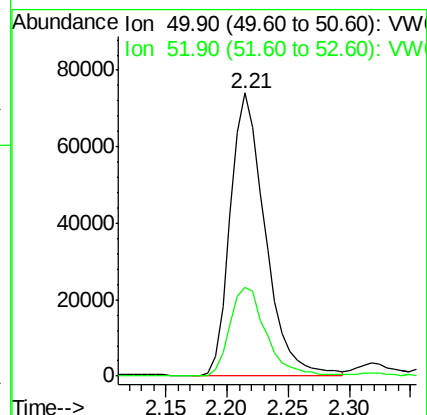
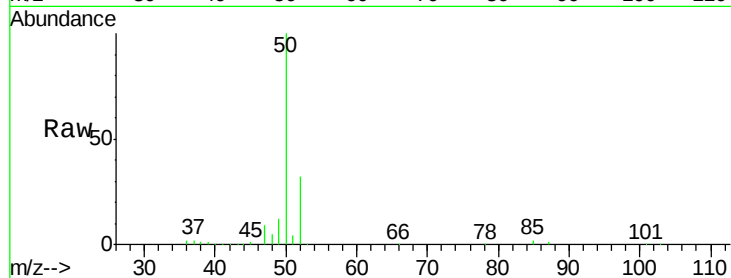
VSTDIC150

Tgt Ion: 50 Resp: 145340

Ion Ratio Lower Upper

50 100

52 31.7 25.5 38.3



#4

Vinyl Chloride

Concen: 113.977 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW016401.D

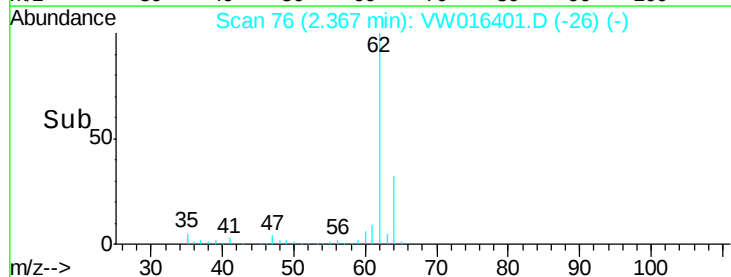
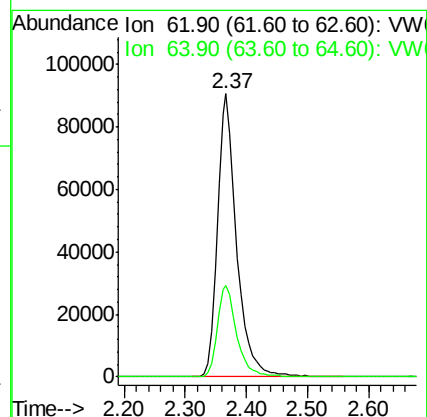
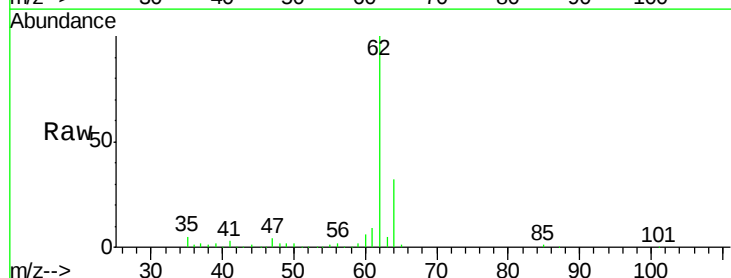
Acq: 28 Aug 2020 14:31

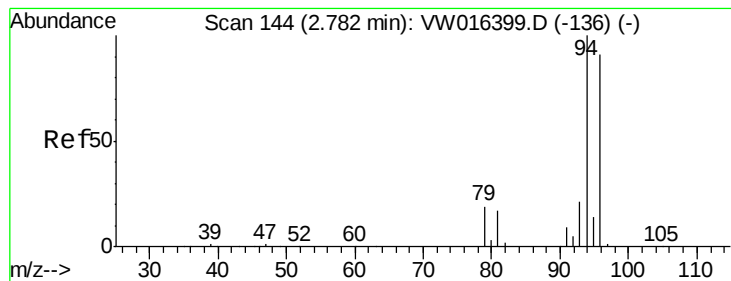
Tgt Ion: 62 Resp: 200193

Ion Ratio Lower Upper

62 100

64 32.2 27.2 40.8





#5

Bromomethane

Concen: 129.538 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

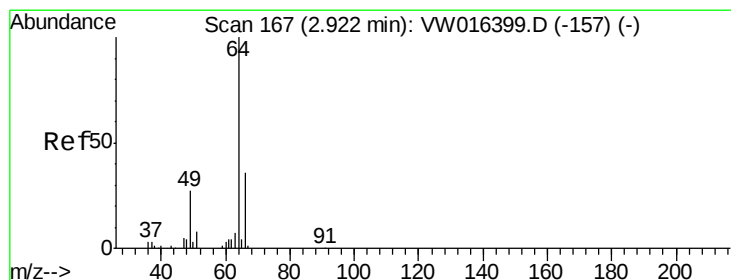
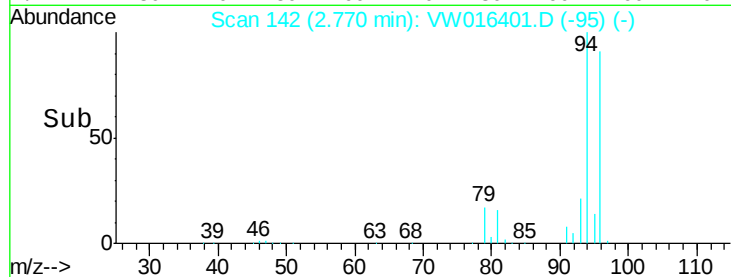
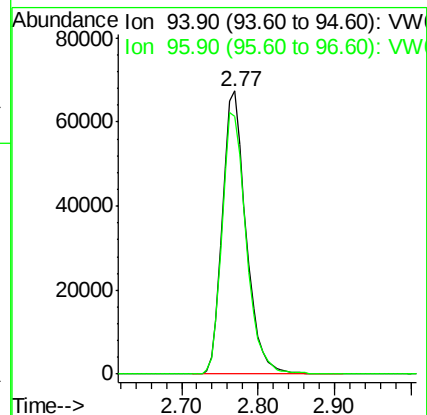
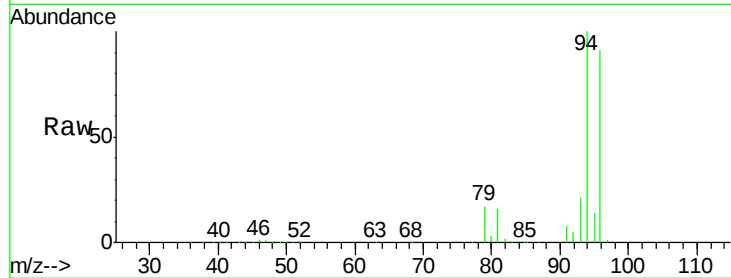
VSTDIC150

Tgt Ion: 94 Resp: 143955

Ion Ratio Lower Upper

94 100

96 90.9 72.6 109.0



#6

Chloroethane

Concen: 125.974 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW016401.D

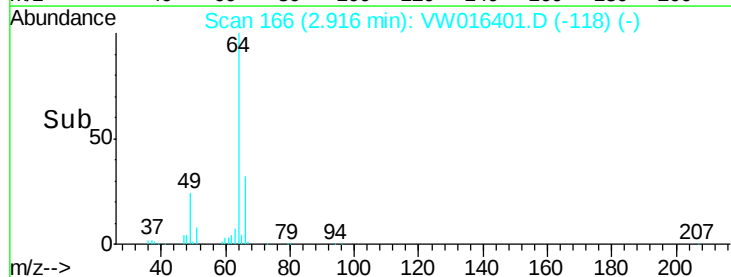
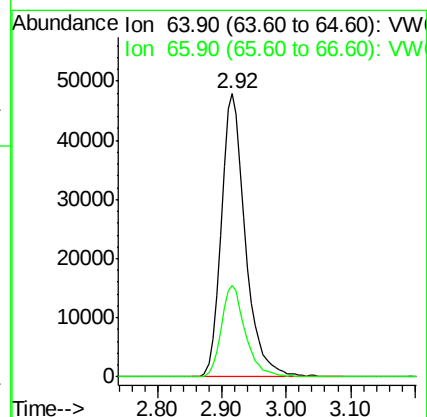
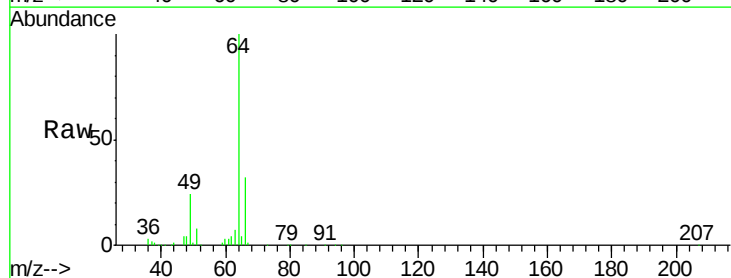
Acq: 28 Aug 2020 14:31

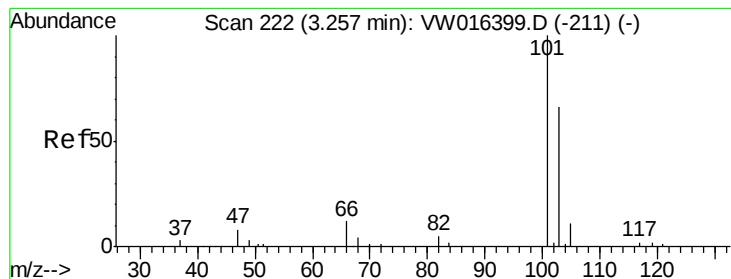
Tgt Ion: 64 Resp: 125731

Ion Ratio Lower Upper

64 100

66 32.4 28.7 43.1



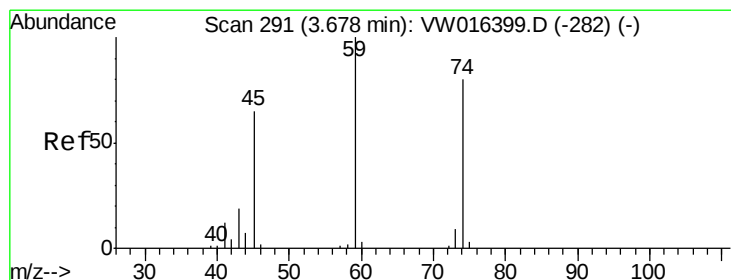
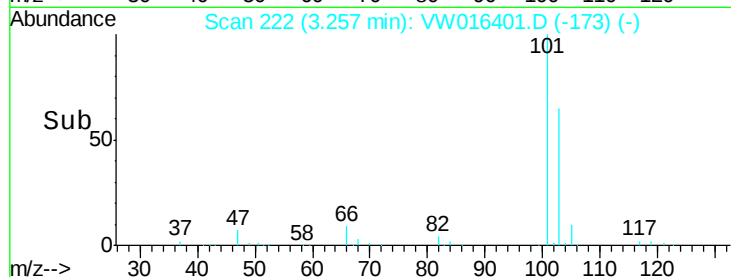
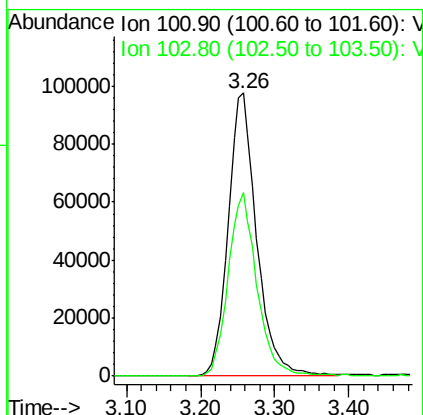
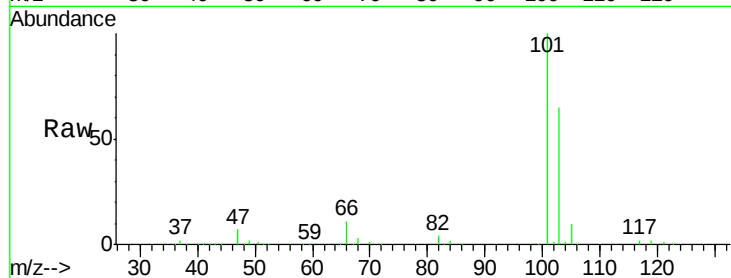


#7

Trichlorofluoromethane
 Concen: 173.077 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Instrument :
 MSVOA_W
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 VSTDIC150

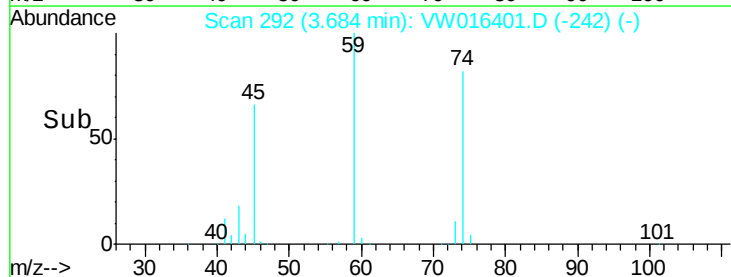
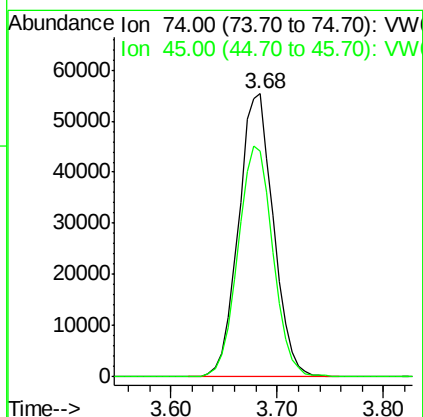
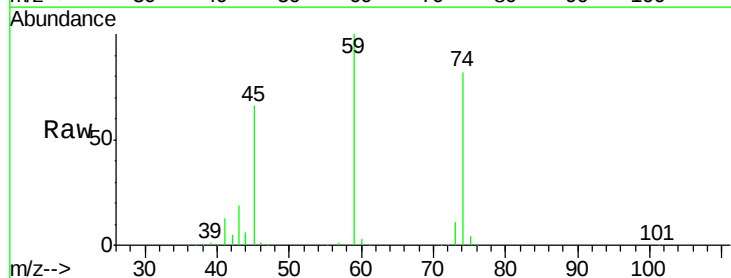
Tgt Ion: 101 Resp: 262043
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.0 79.4

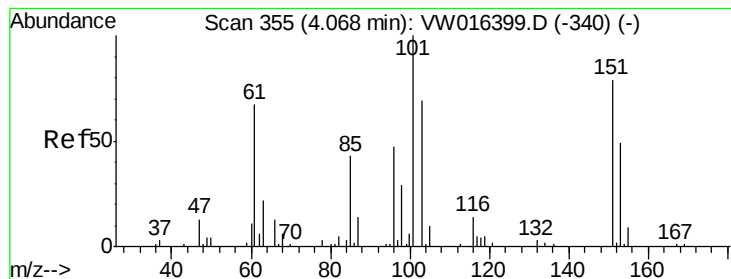


#8

Diethyl Ether
 Concen: 139.577 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 74 Resp: 127442
 Ion Ratio Lower Upper
 74 100
 45 81.8 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.337 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

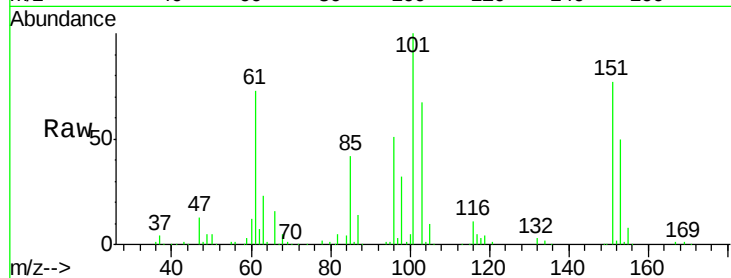
Tgt Ion:101 Resp: 245911

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

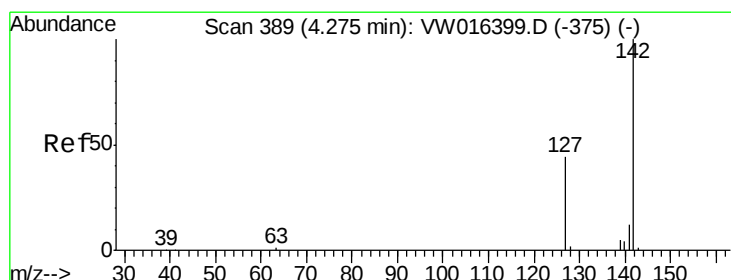
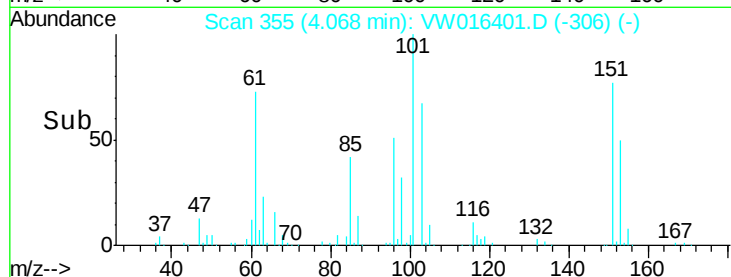
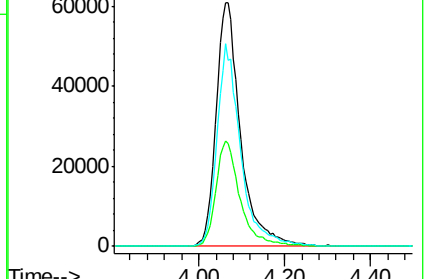
151 79.9 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 136.823 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

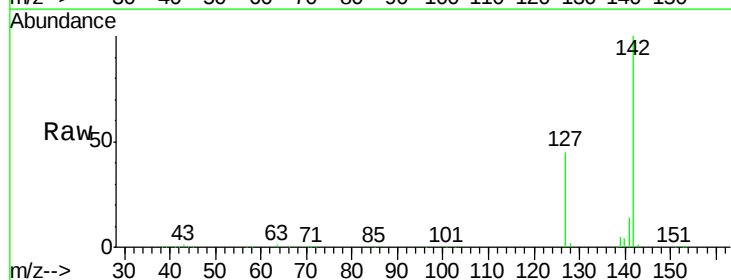
Tgt Ion:142 Resp: 379336

Ion Ratio Lower Upper

142 100

127 44.4 36.2 54.4

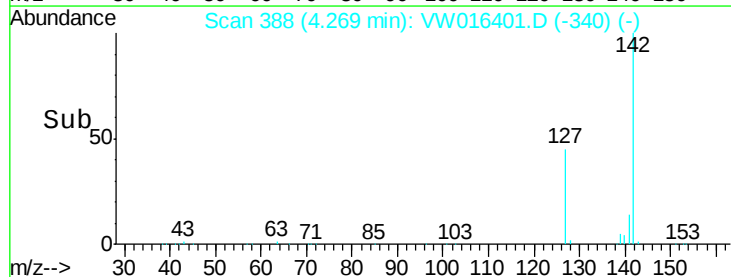
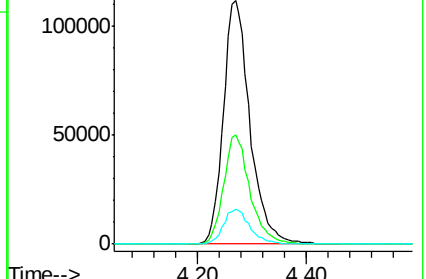
141 14.4 11.8 17.6

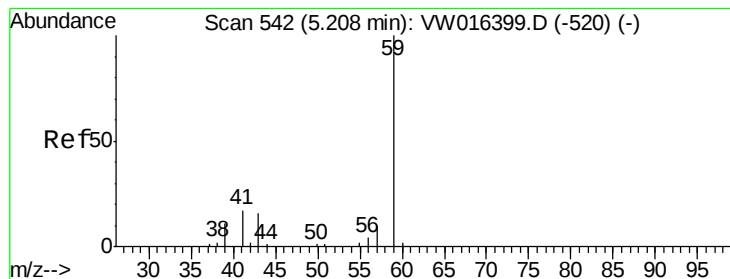


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



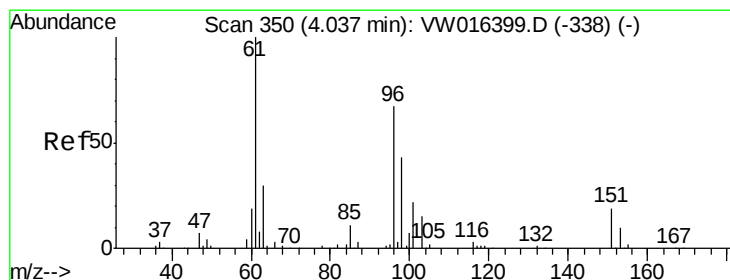
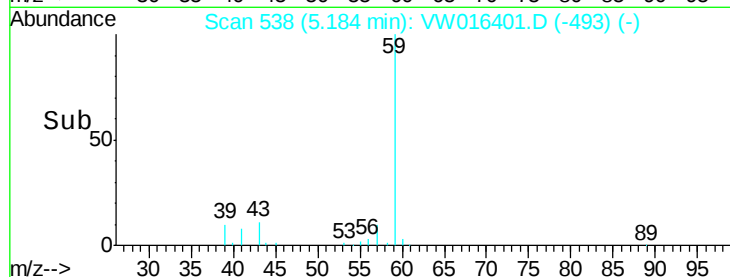
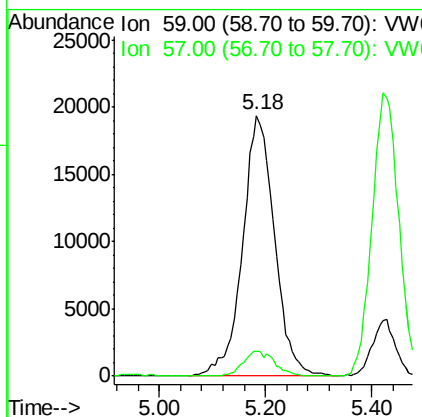
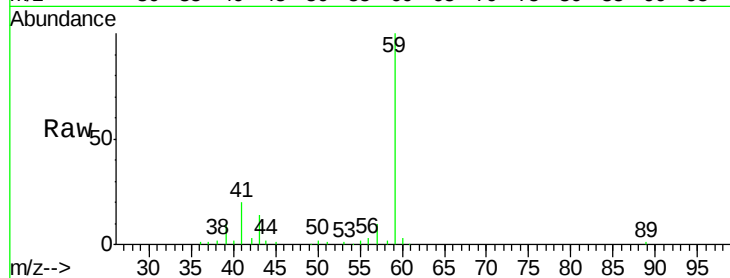


#11

Tert butyl alcohol
 Concen: 844.725 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

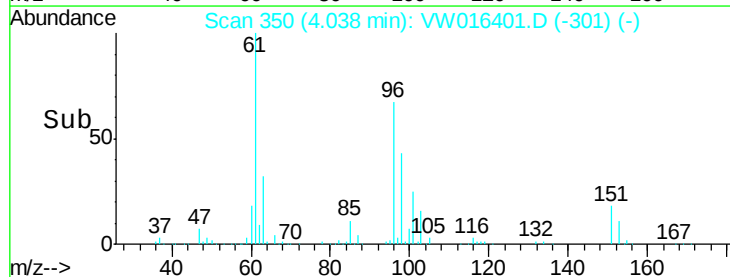
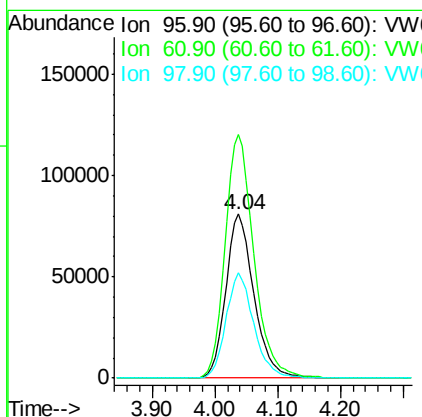
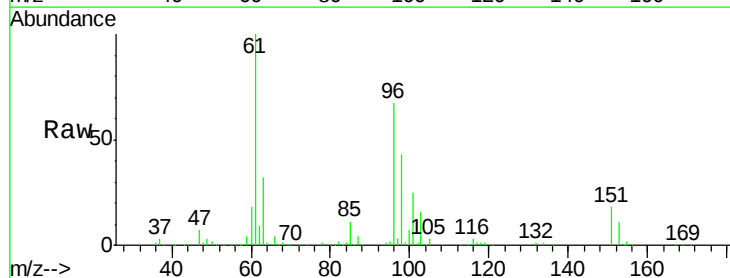
Tgt Ion: 59 Resp: 80511
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.4

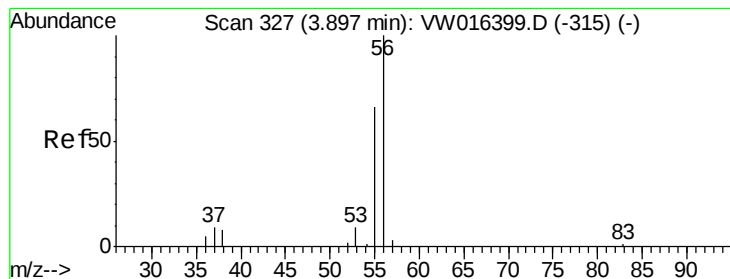


#12

1,1-Dichloroethene
 Concen: 130.119 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 96 Resp: 251575
 Ion Ratio Lower Upper
 96 100
 61 148.3 119.0 178.4
 98 64.3 50.6 76.0





#13

Acrolein

Concen: 462.938 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

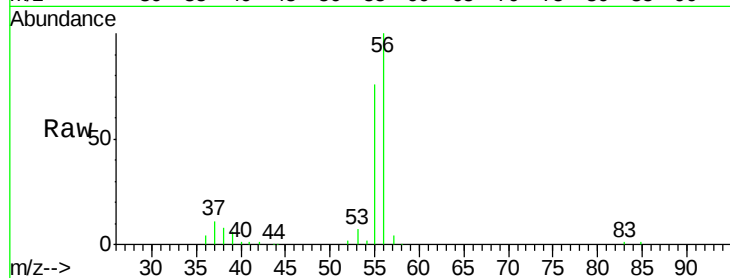
VSTDIC150

Tgt Ion: 56 Resp: 58081

Ion Ratio Lower Upper

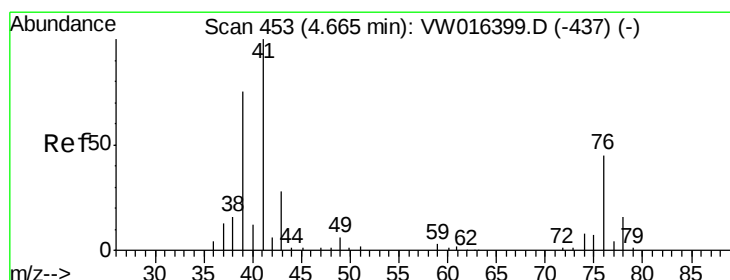
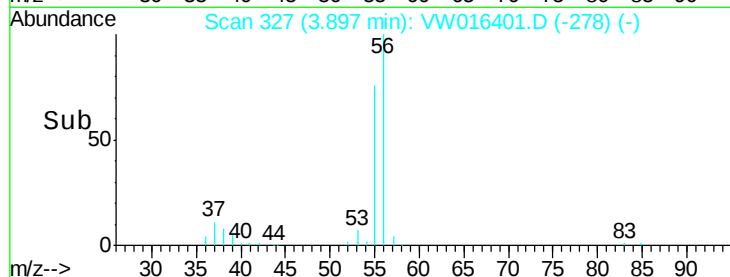
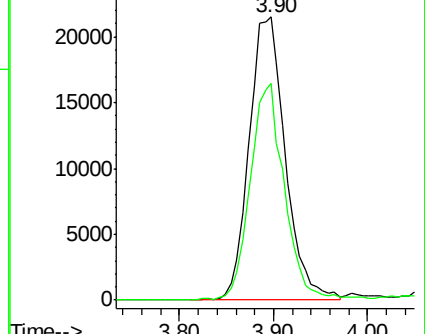
56 100

55 72.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 125.112 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

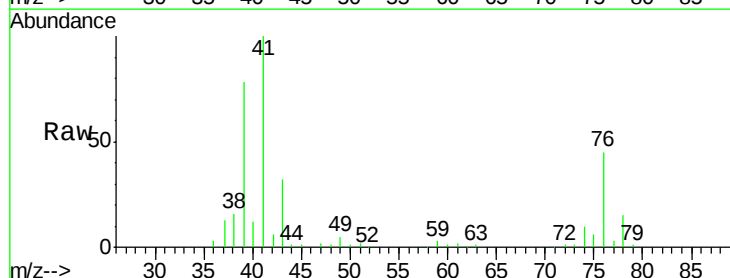
Tgt Ion: 41 Resp: 320377

Ion Ratio Lower Upper

41 100

39 75.2 60.2 90.2

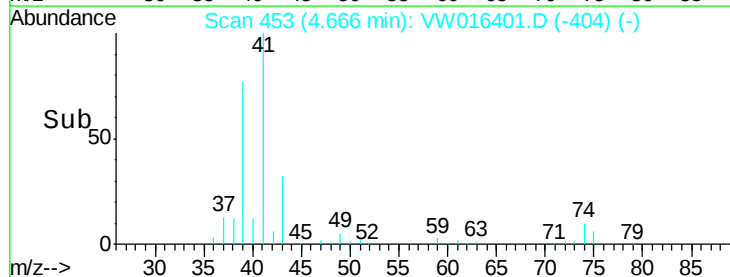
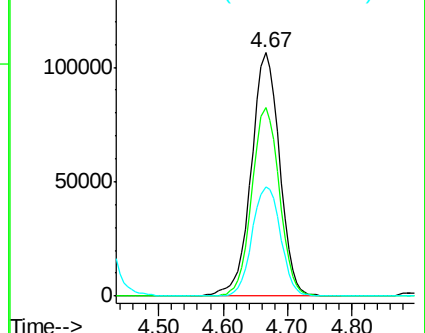
76 44.9 35.7 53.5

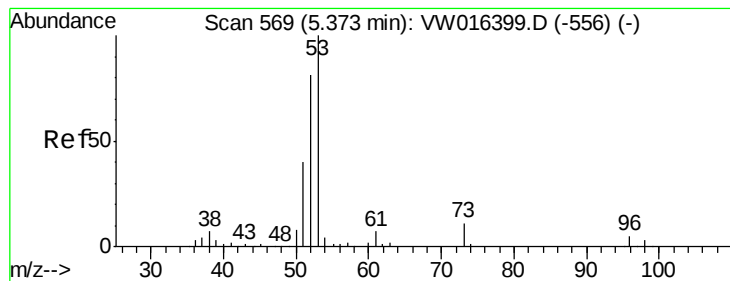


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 726.436 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

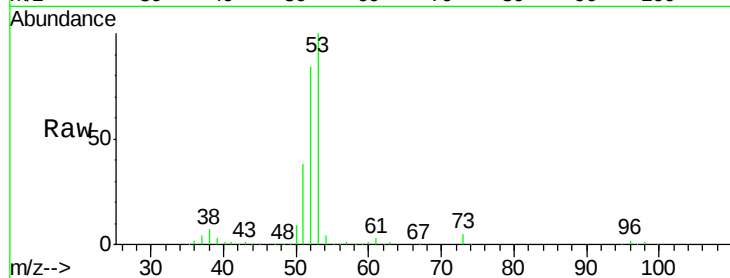
Tgt Ion: 53 Resp: 247699

Ion Ratio Lower Upper

53 100

52 82.5 66.1 99.1

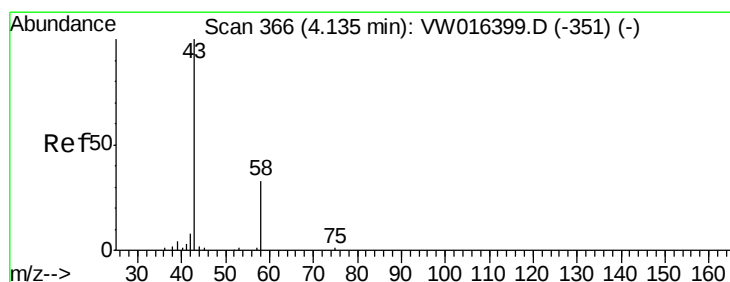
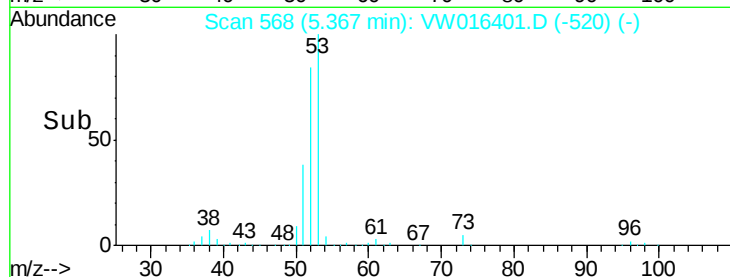
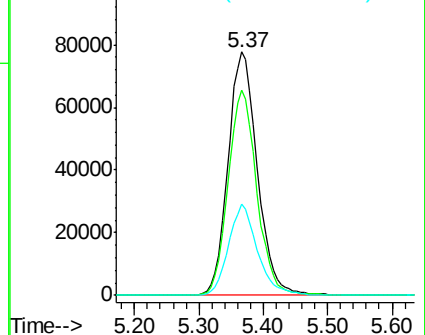
51 37.0 29.9 44.9



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: 713.937 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016401.D

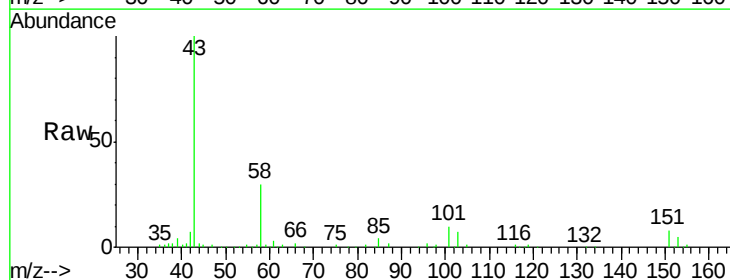
Acq: 28 Aug 2020 14:31

Tgt Ion: 43 Resp: 228227

Ion Ratio Lower Upper

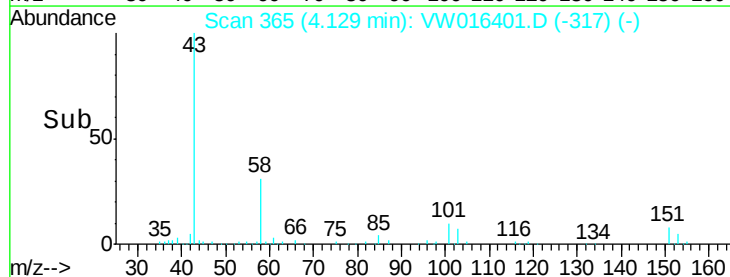
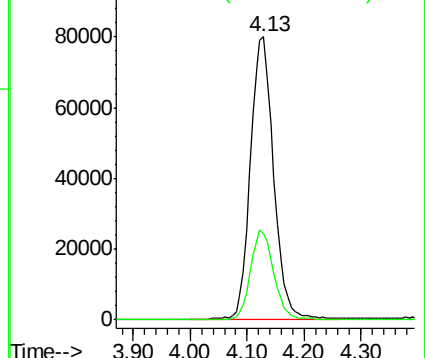
43 100

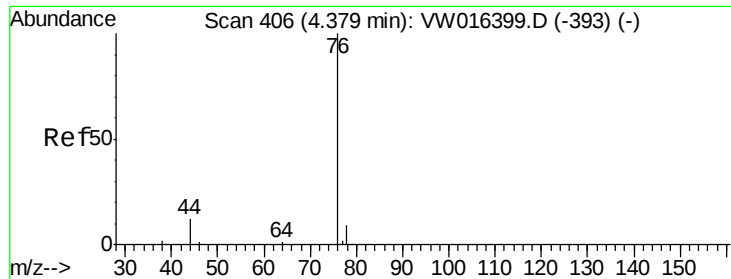
58 30.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

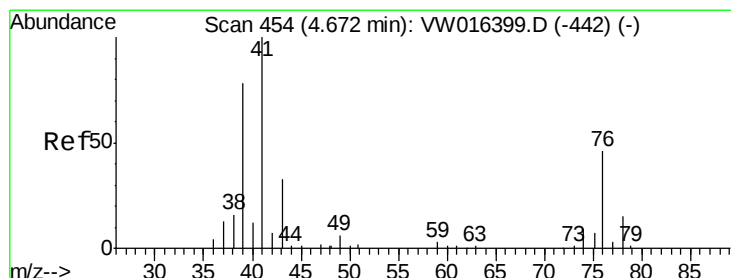
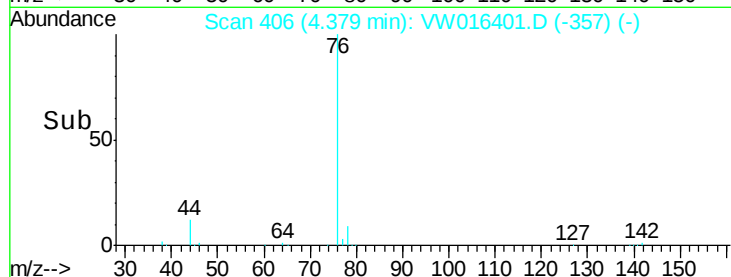
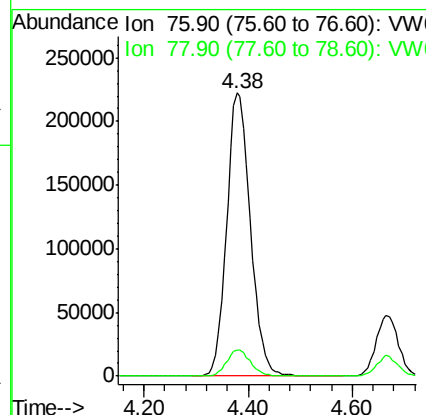
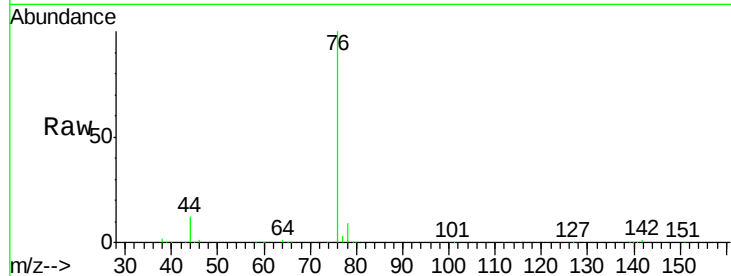




#17
 Carbon Disulfide
 Concen: 125.618 ug/l
 RT: 4.38 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

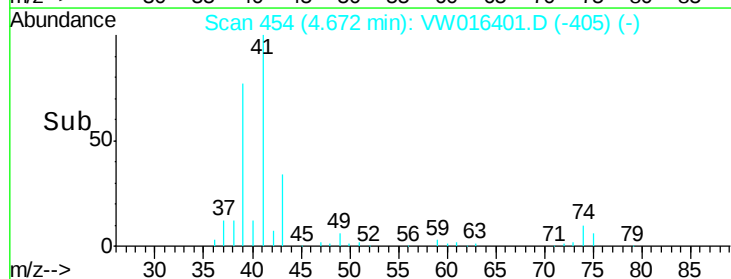
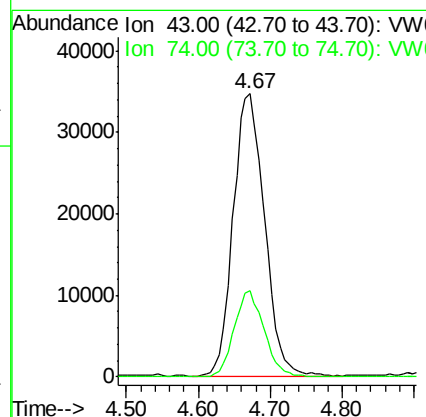
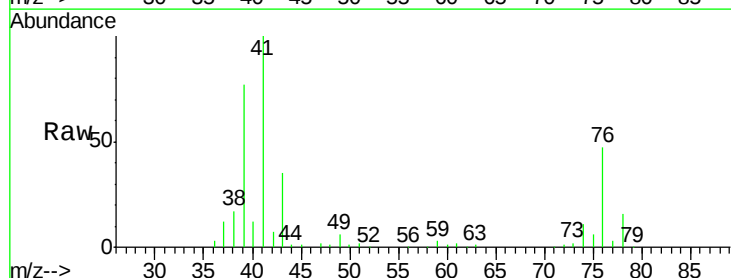
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

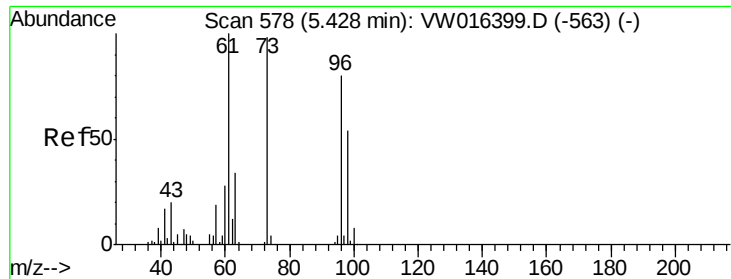
Tgt Ion: 76 Resp: 708441
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.4 11.2



#18
 Methyl Acetate
 Concen: 137.078 ug/l
 RT: 4.67 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 43 Resp: 104739
 Ion Ratio Lower Upper
 43 100
 74 29.1 23.2 34.8

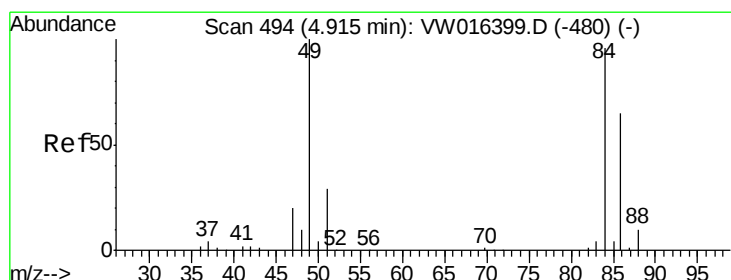
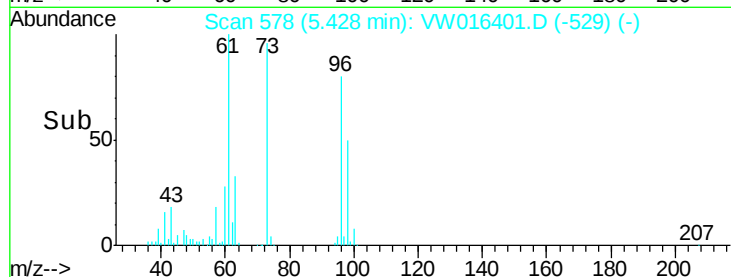
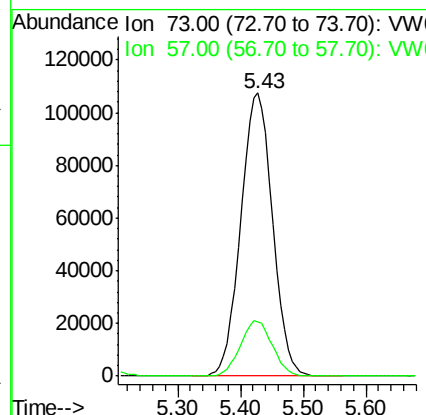
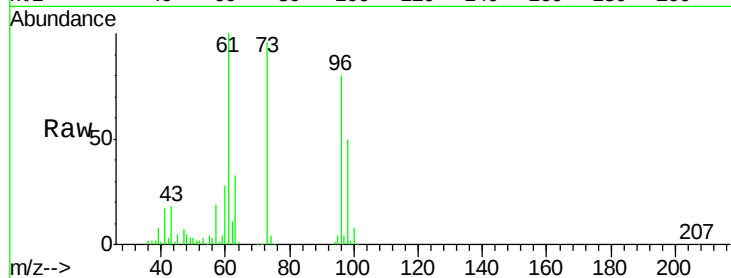




#19
Methyl tert-butyl Ether
Concen: 154.069 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

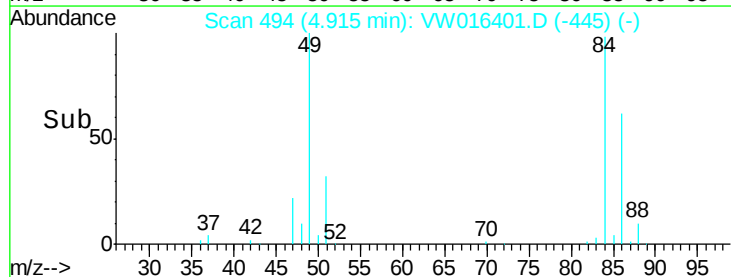
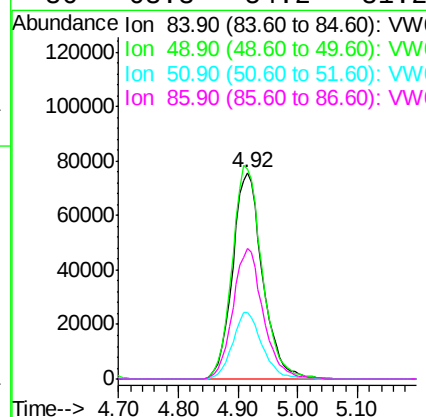
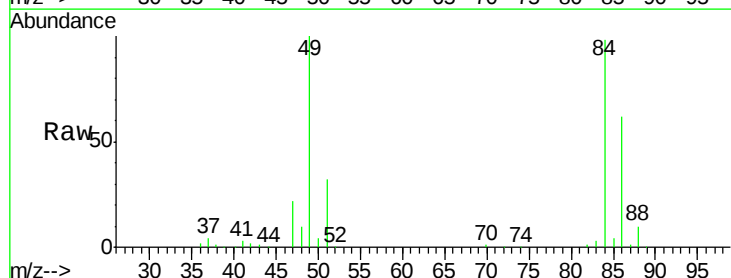
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

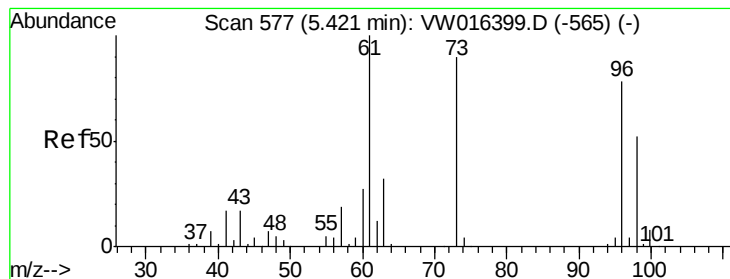
Tgt Ion: 73 Resp: 375024
Ion Ratio Lower Upper
73 100
57 19.3 15.0 22.6



#20
Methylene Chloride
Concen: 107.336 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 84 Resp: 265390
Ion Ratio Lower Upper
84 100
49 102.1 83.2 124.8
51 32.3 24.4 36.6
86 63.3 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 131.315 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

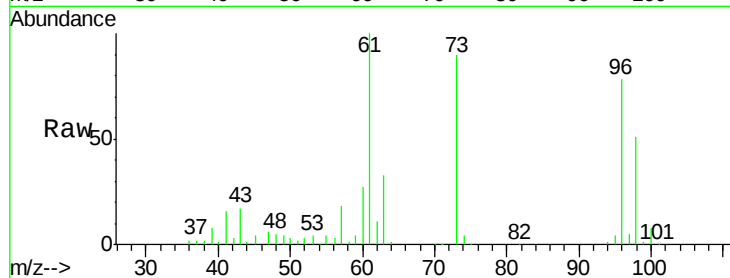
Tgt Ion: 96 Resp: 276793

Ion Ratio Lower Upper

96 100

61 128.2 103.0 154.6

98 65.2 53.8 80.6

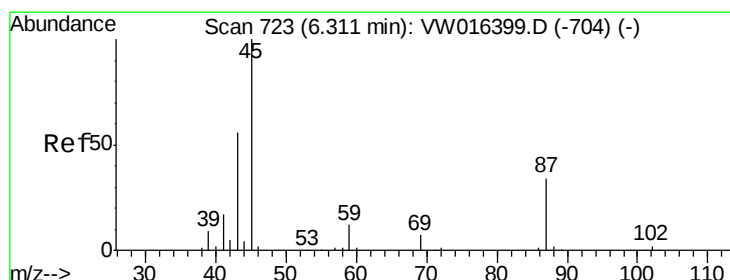
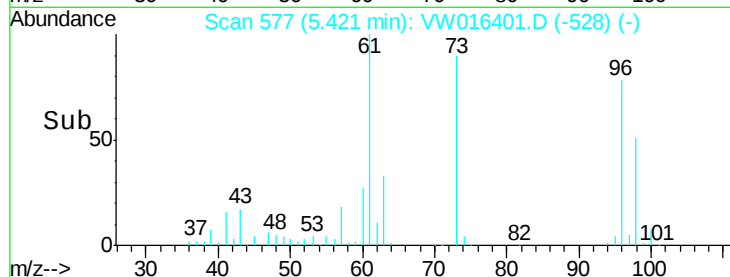
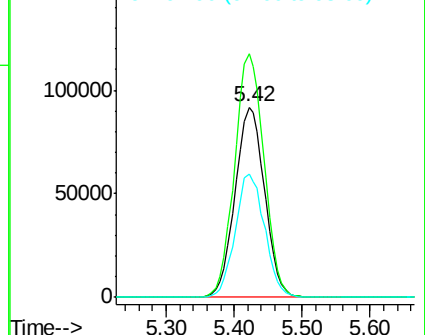


Abundance

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: 126.078 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Tgt Ion: 45 Resp: 609579

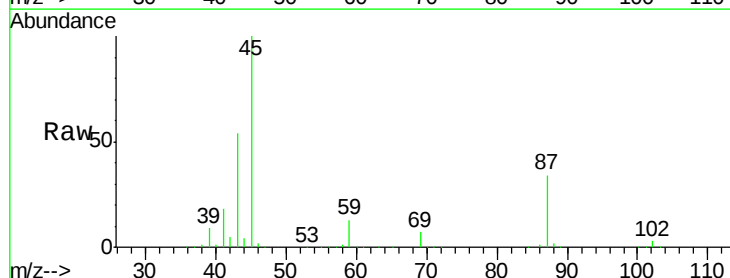
Ion Ratio Lower Upper

45 100

43 54.3 44.6 67.0

87 34.4 27.5 41.3

59 12.8 10.2 15.2



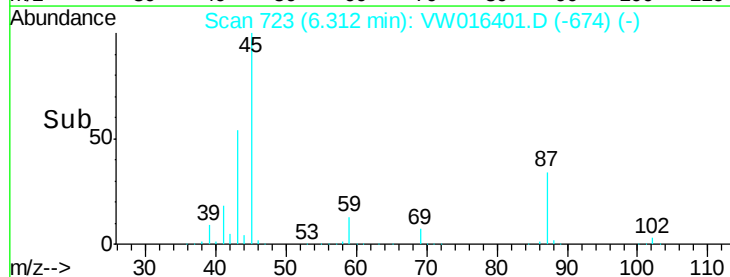
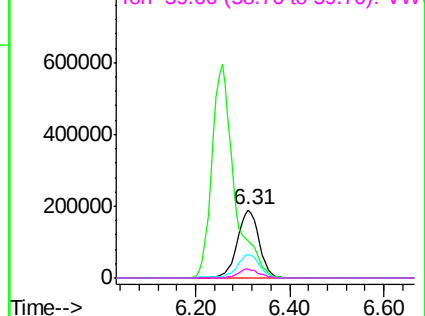
Abundance

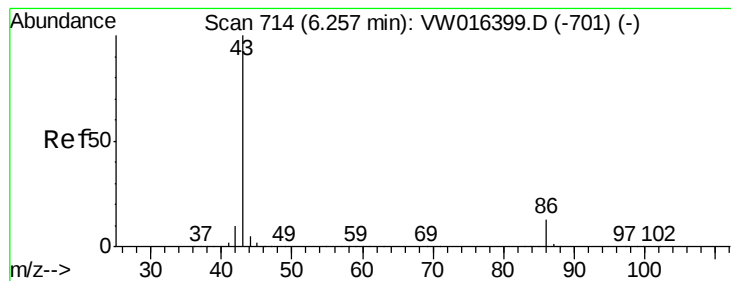
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 701.828 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

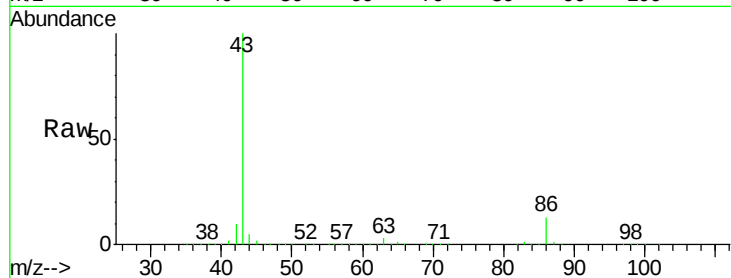
VSTDICC150

Tgt Ion: 43 Resp: 1949688

Ion Ratio Lower Upper

43 100

86 13.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

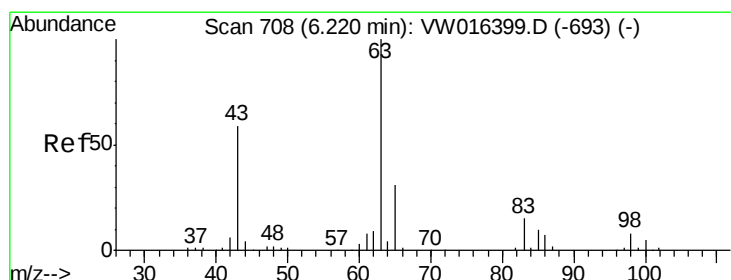
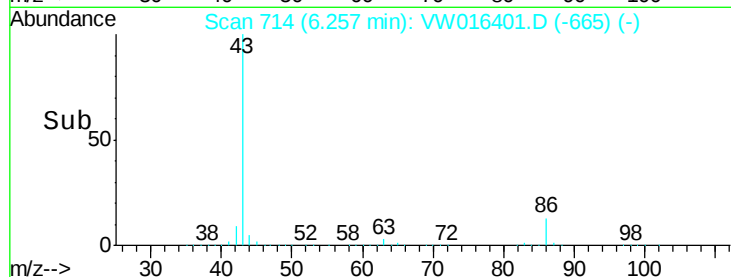
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 129.370 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

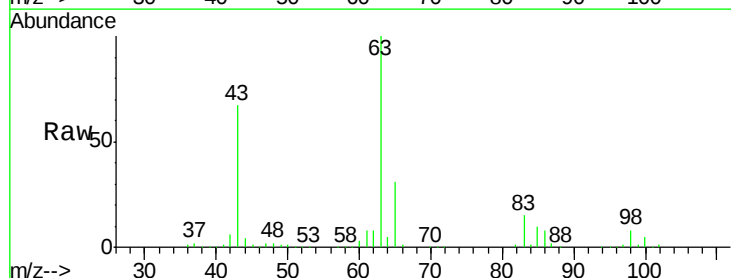
Tgt Ion: 63 Resp: 440375

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 5.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

200000

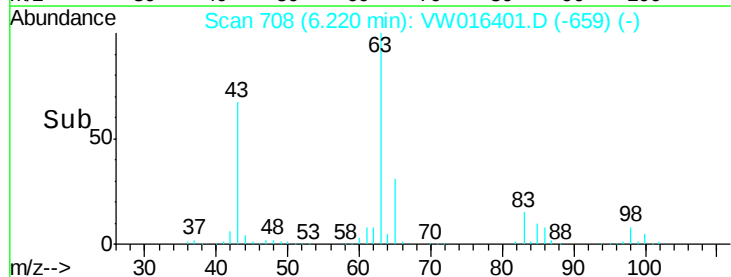
150000

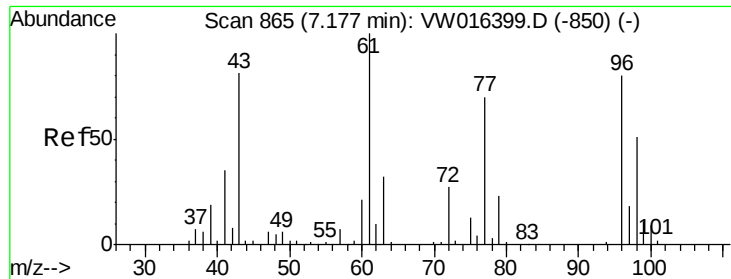
100000

50000

0

Time-->





#25

2-Butanone

Concen: 698.520 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

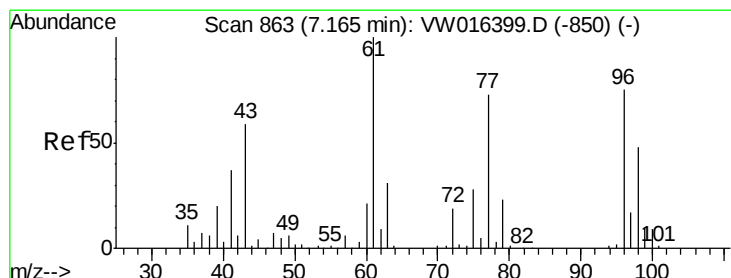
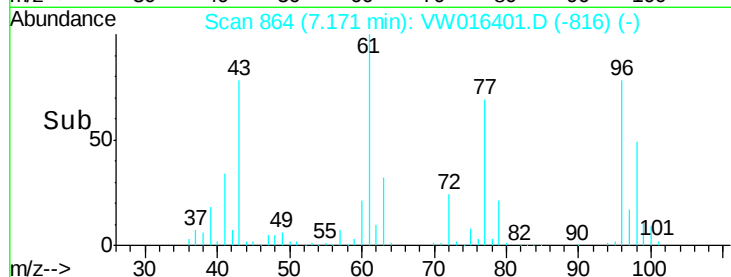
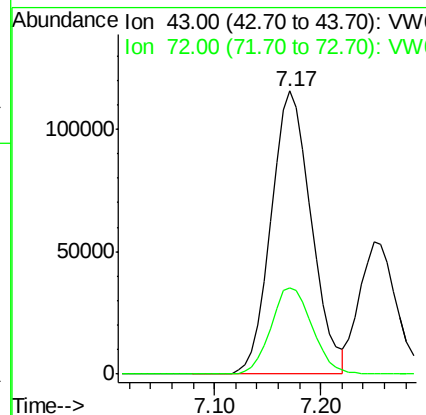
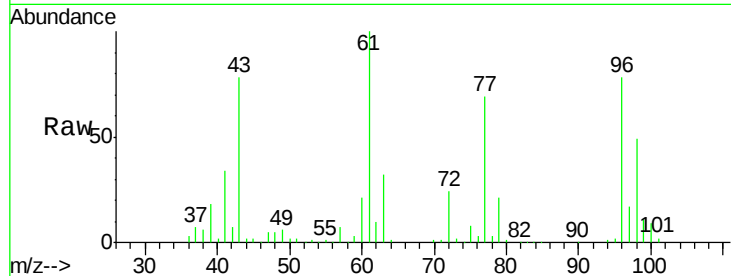
VSTDIC150

Tgt Ion: 43 Resp: 303427

Ion Ratio Lower Upper

43 100

72 30.7 26.7 40.1



#26

2,2-Dichloropropane

Concen: 134.301 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW016401.D

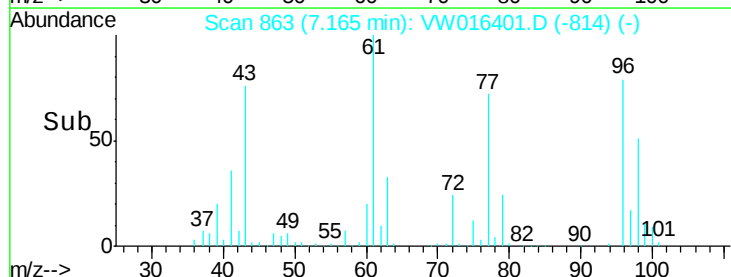
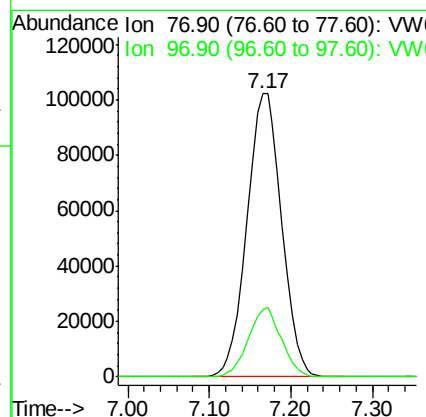
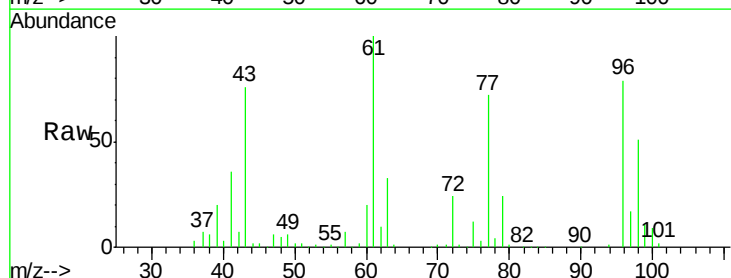
Acq: 28 Aug 2020 14:31

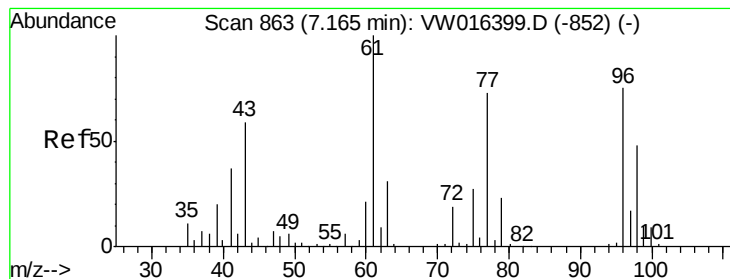
Tgt Ion: 77 Resp: 302387

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



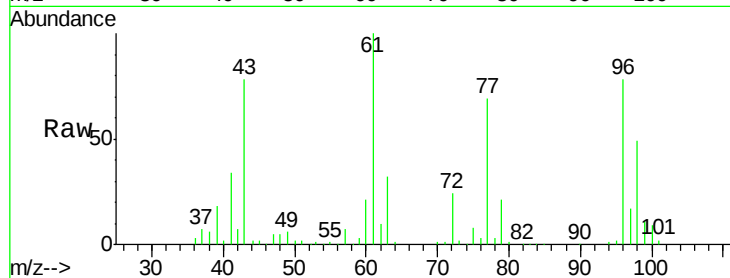


#27

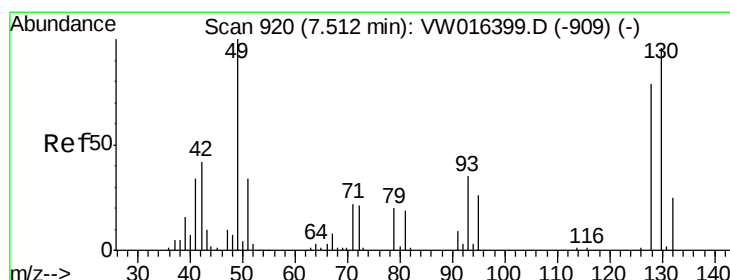
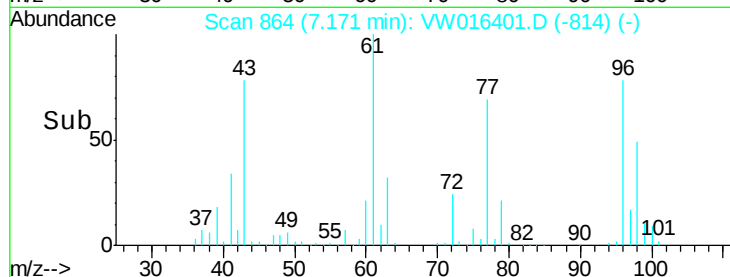
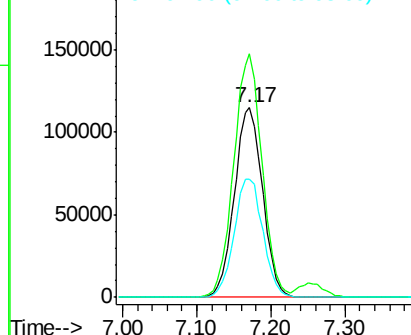
cis-1,2-Dichloroethene
Concen: 138.951 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 304355
Ion Ratio Lower Upper
96 100
61 129.1 0.0 268.6
98 64.0 0.0 130.0



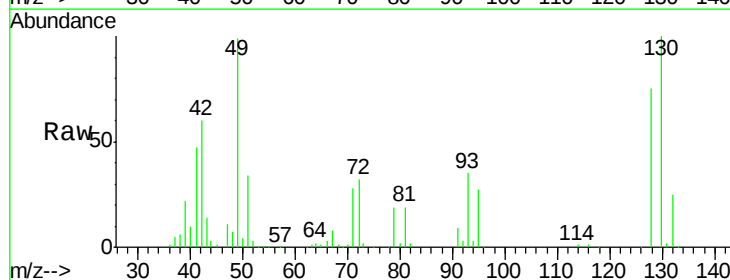
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



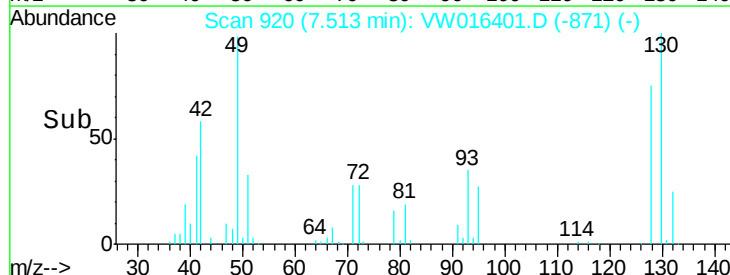
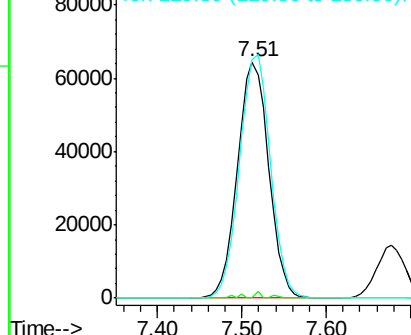
#28

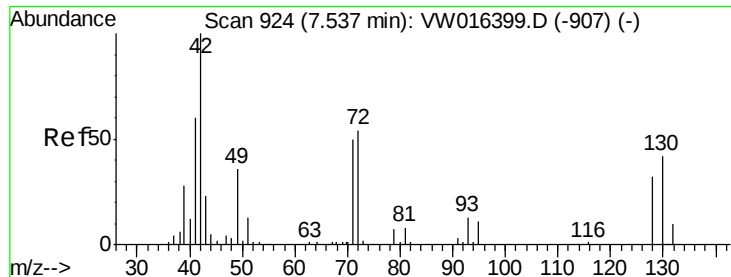
Bromochloromethane
Concen: 126.800 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 49 Resp: 161601
Ion Ratio Lower Upper
49 100
129 0.4 0.0 1.8
130 101.8 80.8 121.2



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

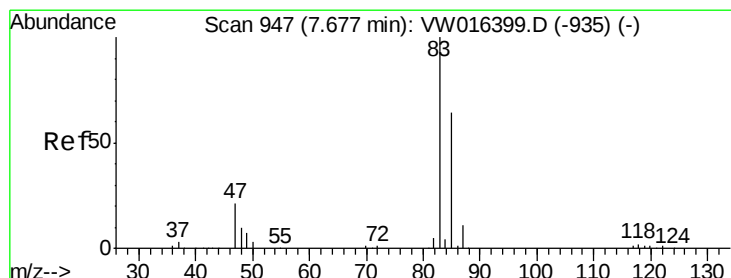
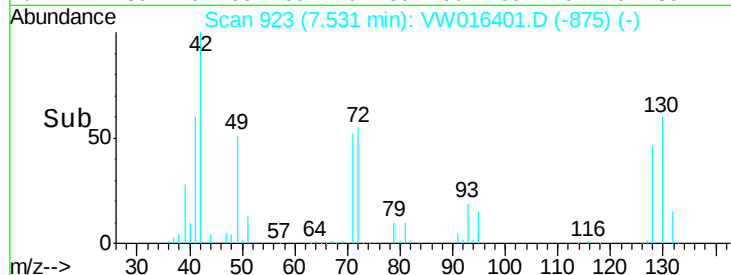
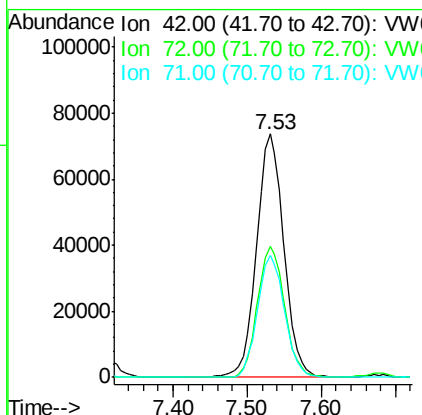
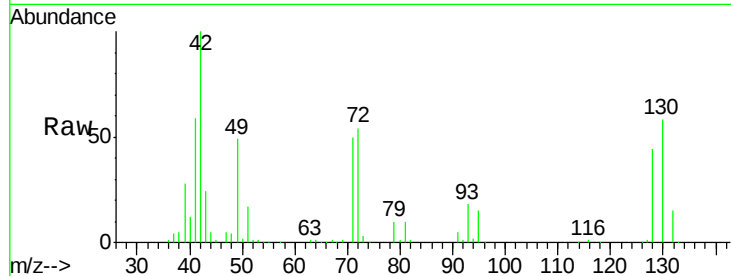




#29
Tetrahydrofuran
Concen: 726.378 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

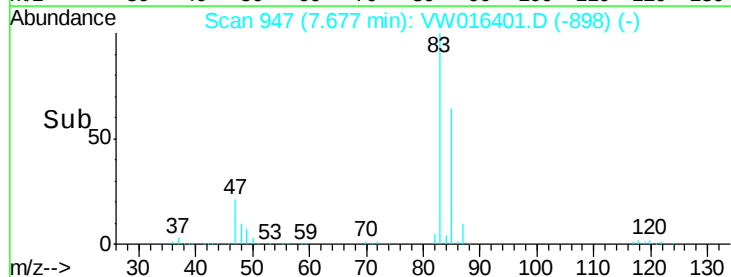
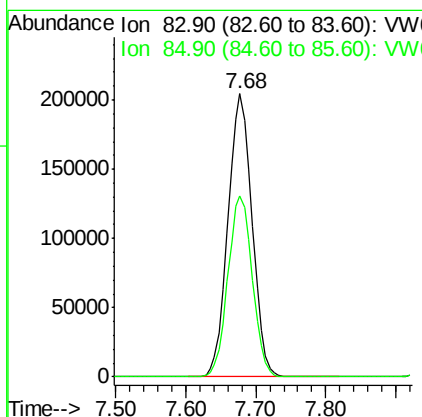
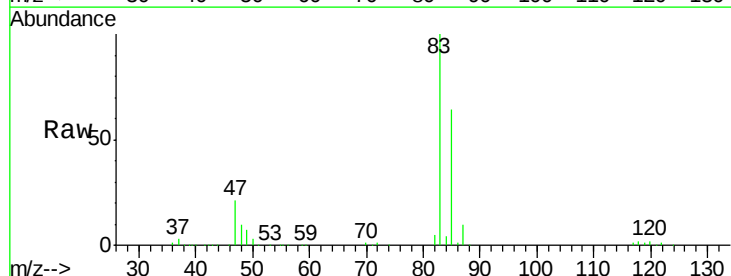
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

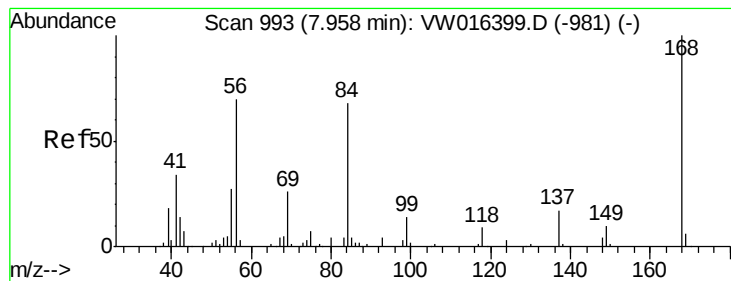
Tgt Ion: 42 Resp: 189704
Ion Ratio Lower Upper
42 100
72 53.5 42.3 63.5
71 49.8 39.5 59.3



#30
Chloroform
Concen: 135.986 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 83 Resp: 488352
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4





#31

Cyclohexane

Concen: 120.905 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

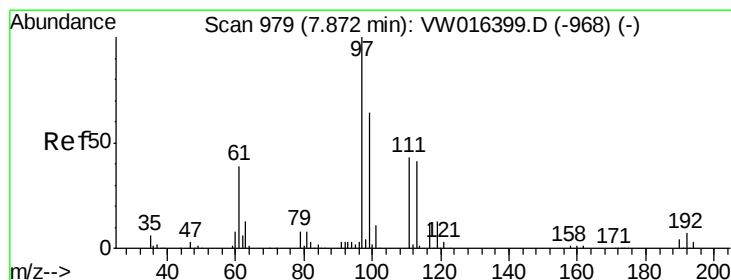
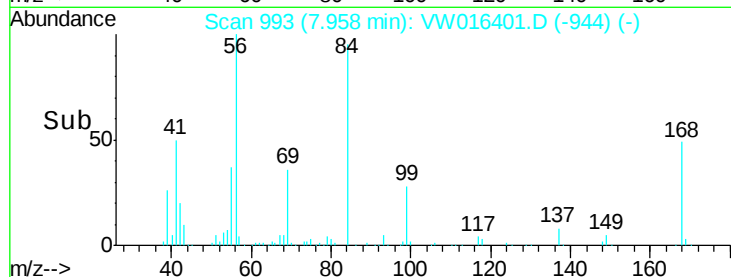
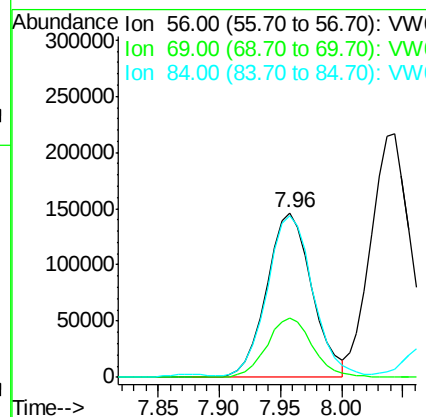
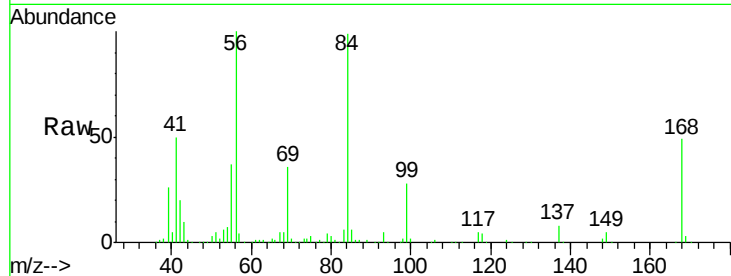
Tgt Ion: 56 Resp: 377650

Ion Ratio Lower Upper

56 100

69 35.7 30.0 45.0

84 96.7 77.4 116.2



#32

1,1,1-Trichloroethane

Concen: 143.176 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

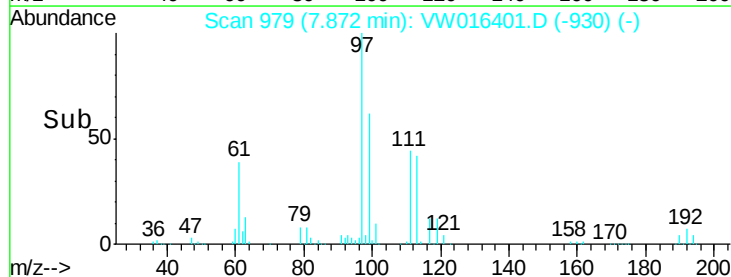
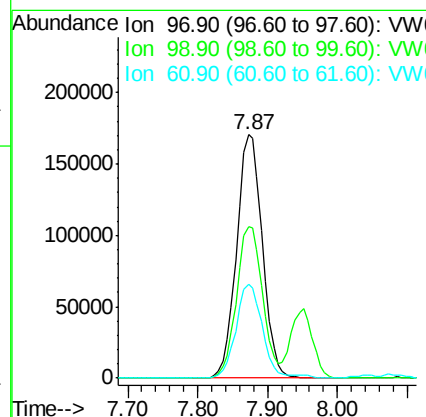
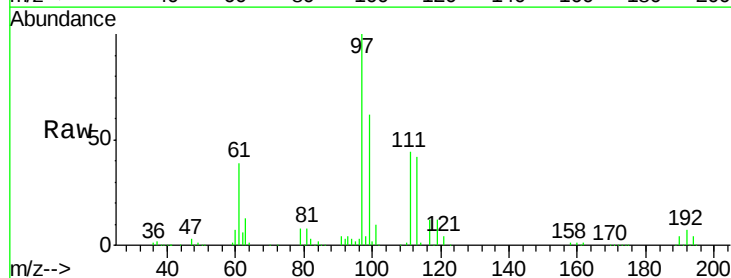
Tgt Ion: 97 Resp: 435155

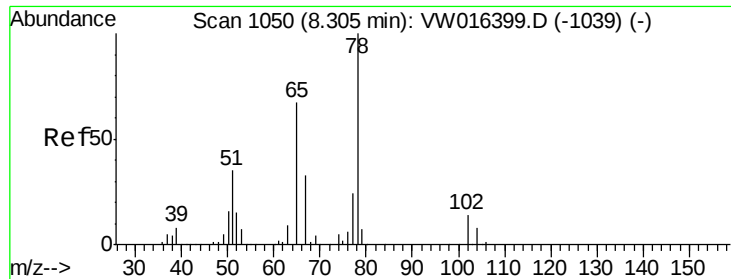
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 38.9 31.0 46.6

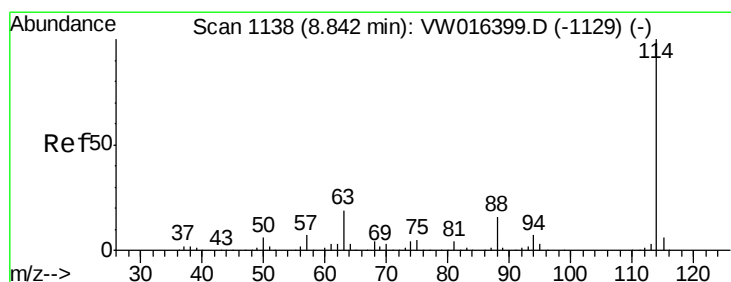
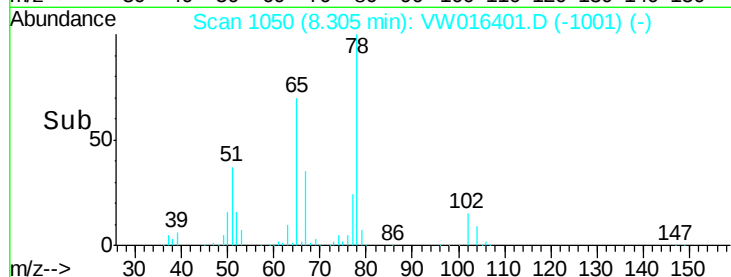
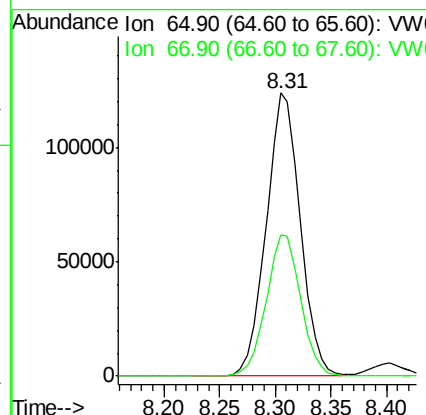
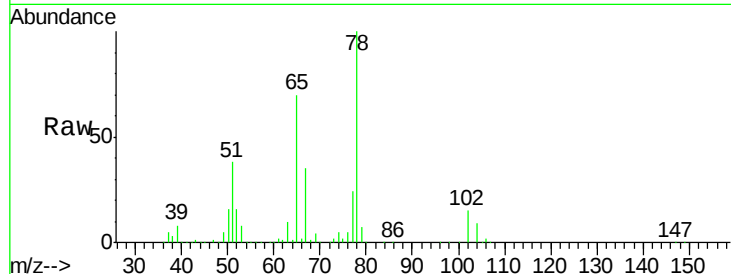




#33
 1,2-Dichloroethane-d4
 Concen: 151.262 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

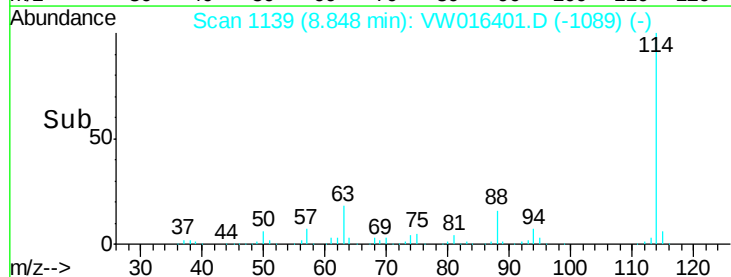
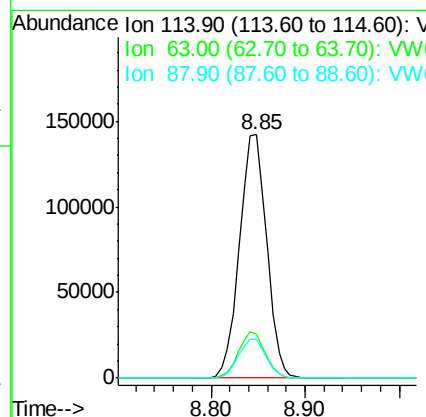
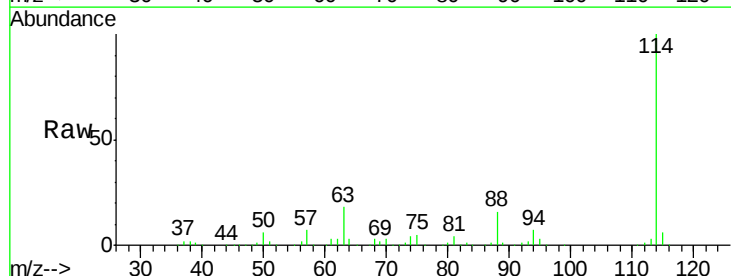
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

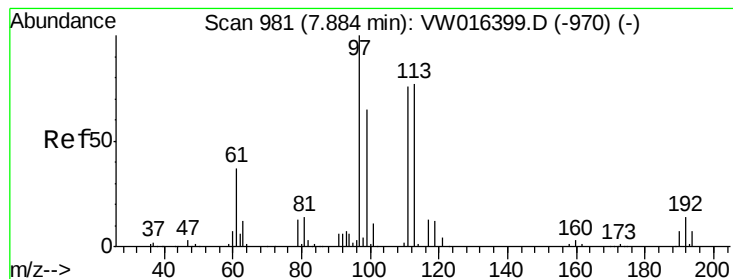
Tgt Ion: 65 Resp: 262929
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 114 Resp: 284786
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 148.356 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

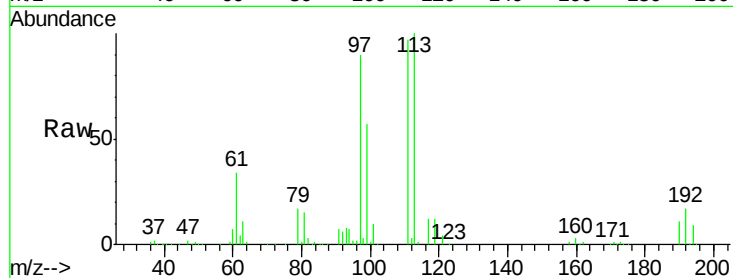
Tgt Ion:113 Resp: 259250

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

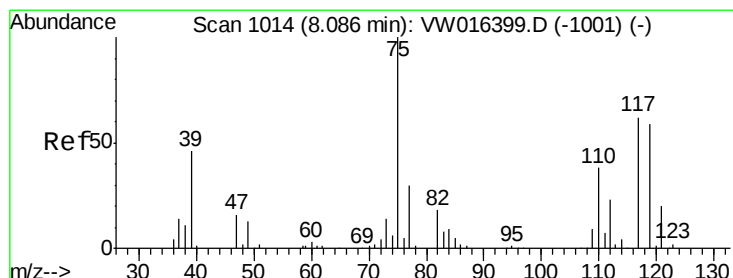
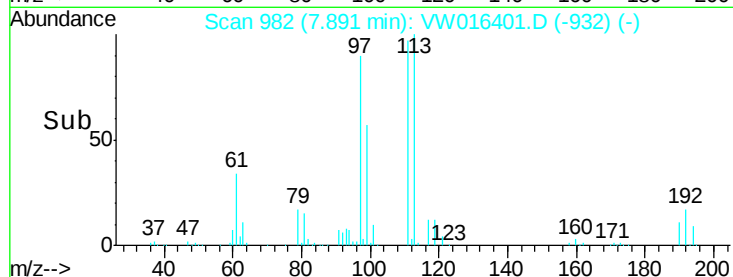
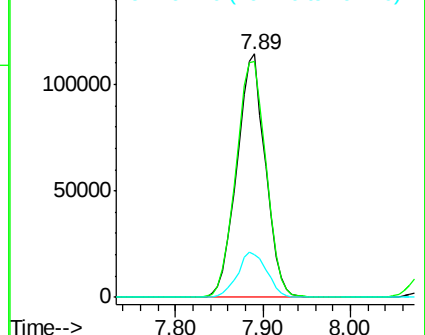
192 19.2 15.5 23.3



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: 136.528 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

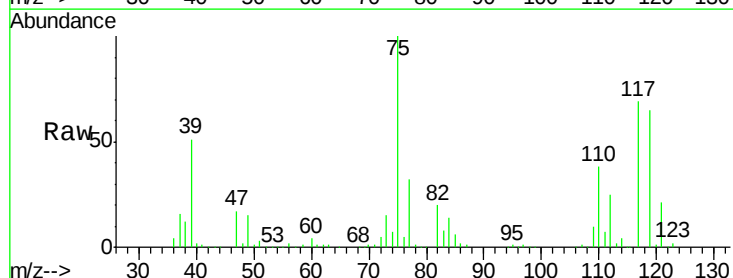
Tgt Ion: 75 Resp: 383080

Ion Ratio Lower Upper

75 100

110 37.2 18.6 56.0

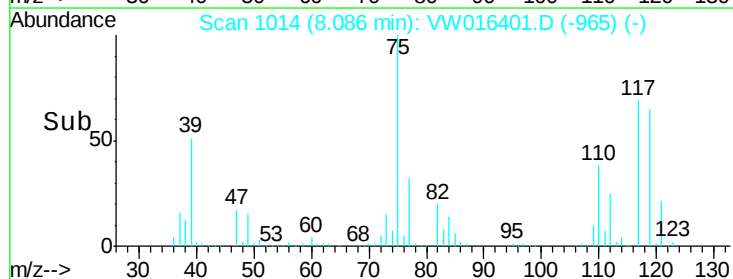
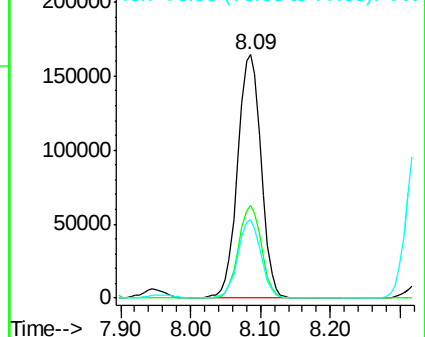
77 31.6 25.1 37.7

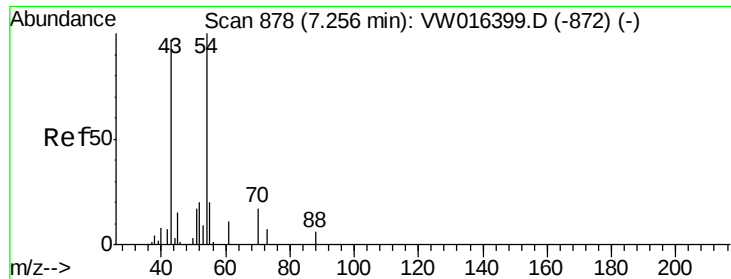


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

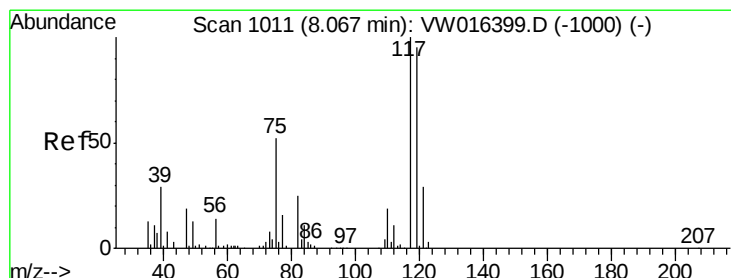
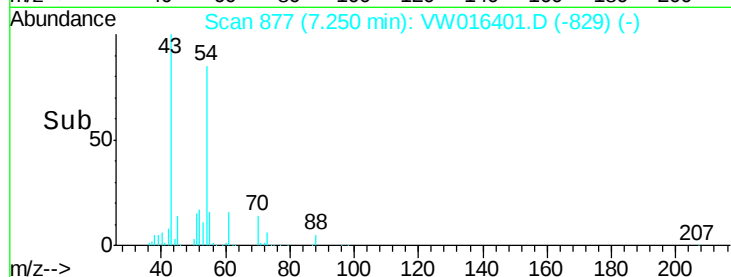
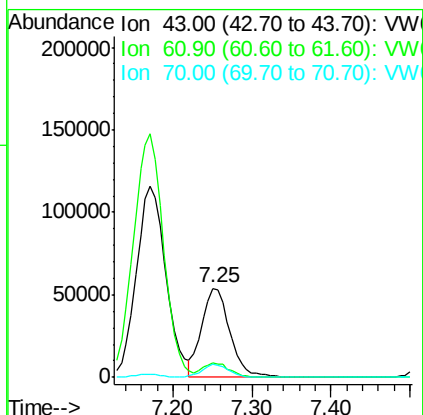
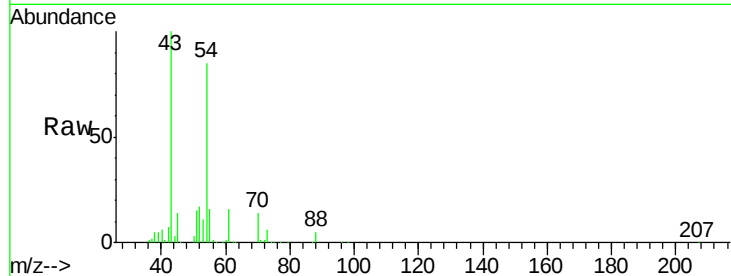




#37
 Ethyl Acetate
 Concen: 141.543 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

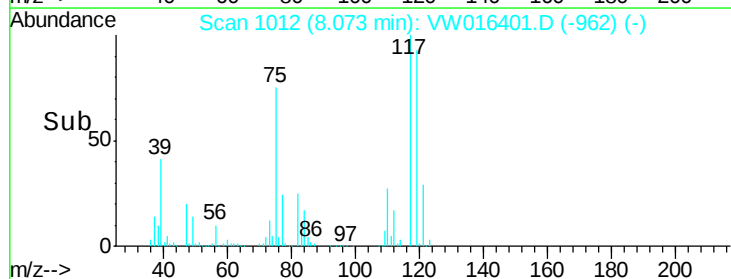
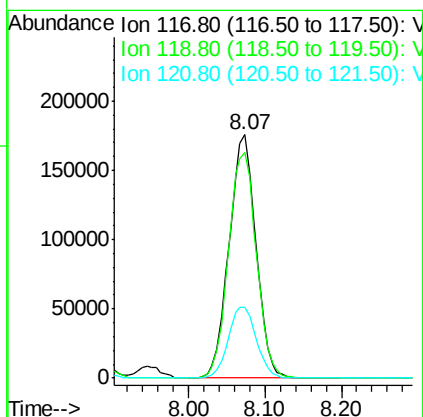
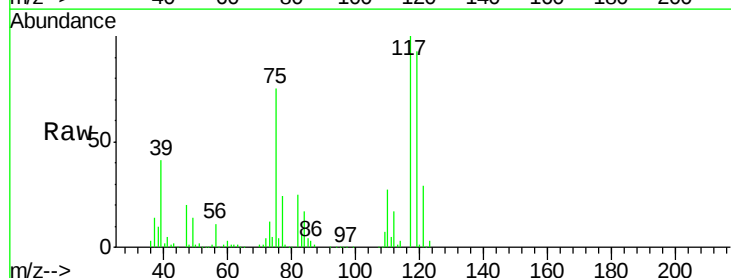
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

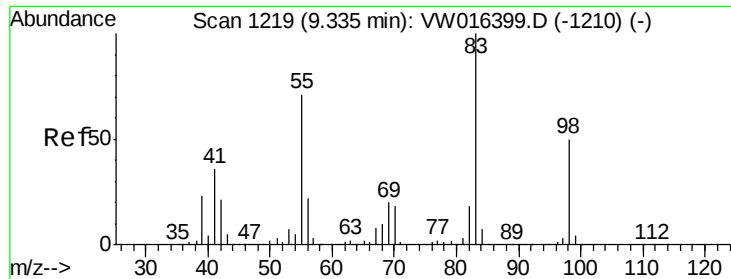
Tgt Ion: 43 Resp: 134524
 Ion Ratio Lower Upper
 43 100
 61 15.0 11.5 17.3
 70 14.0 10.7 16.1



#38
 Carbon Tetrachloride
 Concen: 150.171 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 117 Resp: 427704
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.3 114.5
 121 29.2 23.0 34.6

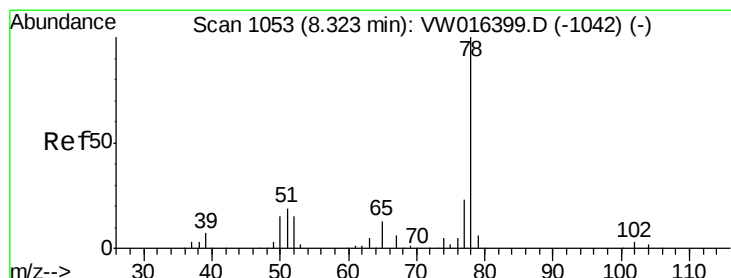
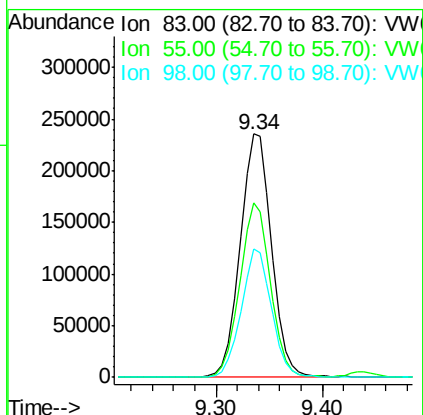
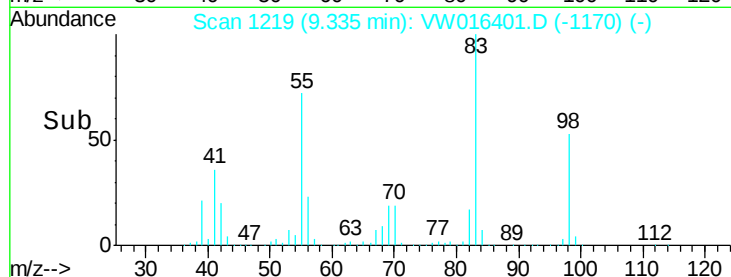
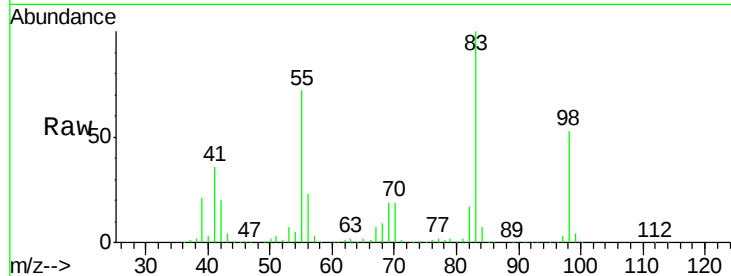




#39
Methylcyclohexane
Concen: 144.602 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

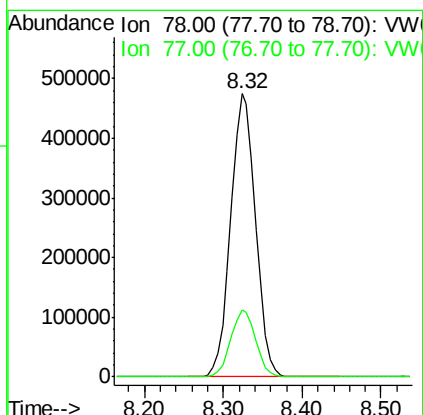
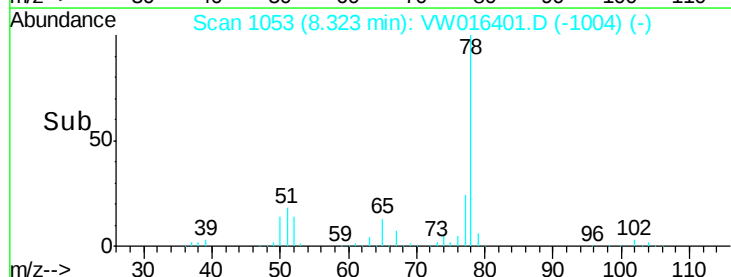
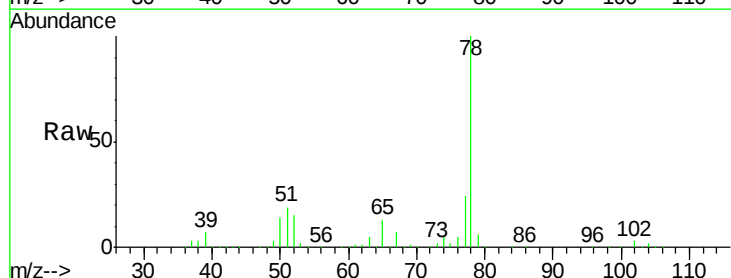
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

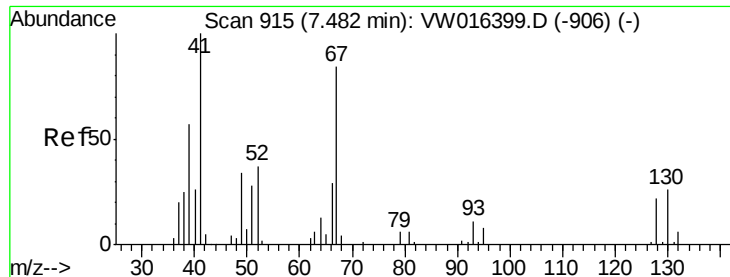
Tgt Ion: 83 Resp: 487573
Ion Ratio Lower Upper
83 100
55 71.8 57.0 85.6
98 52.7 39.9 59.9



#40
Benzene
Concen: 132.009 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 78 Resp: 1035582
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41

Methacrylonitrile

Concen: 142.951 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 77269

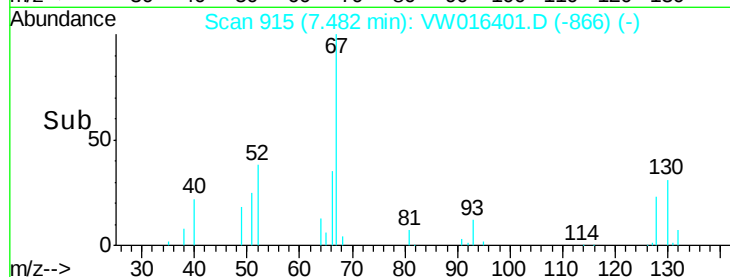
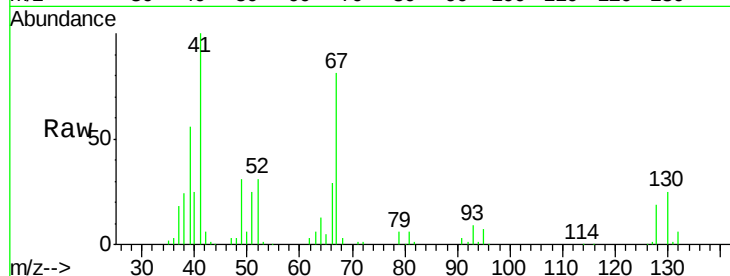
Ion Ratio Lower Upper

41 100

39 60.6 45.4 68.2

67 85.6 65.8 98.6

52 33.7 27.8 41.8

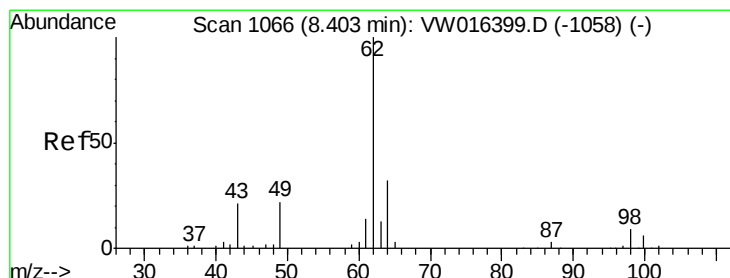
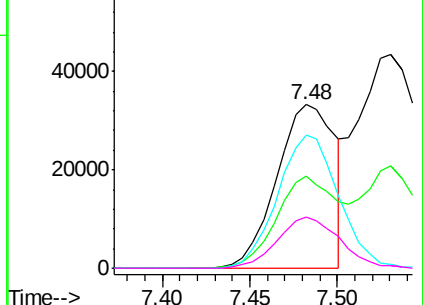


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 150.664 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016401.D

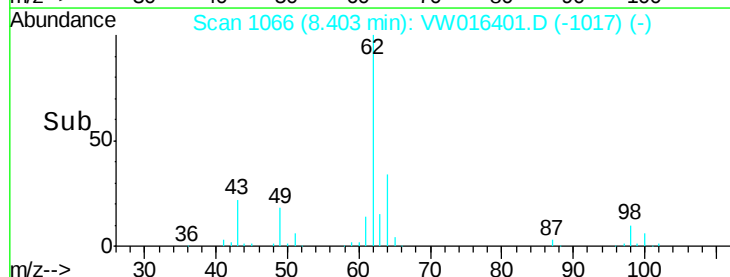
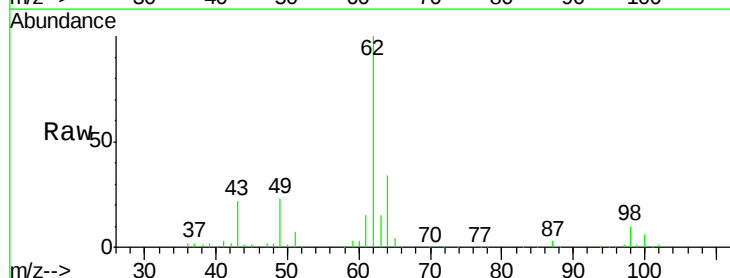
Acq: 28 Aug 2020 14:31

Tgt Ion: 62 Resp: 318254

Ion Ratio Lower Upper

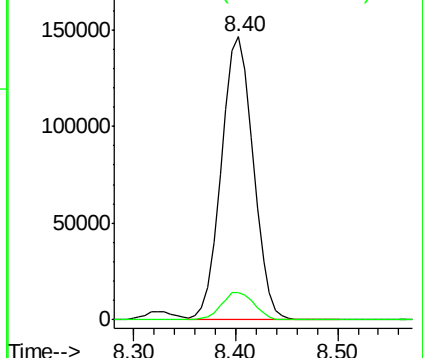
62 100

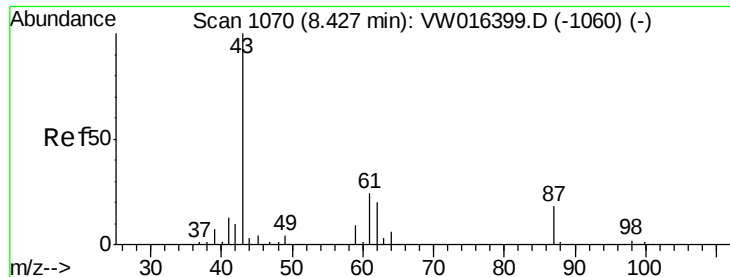
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 152.159 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

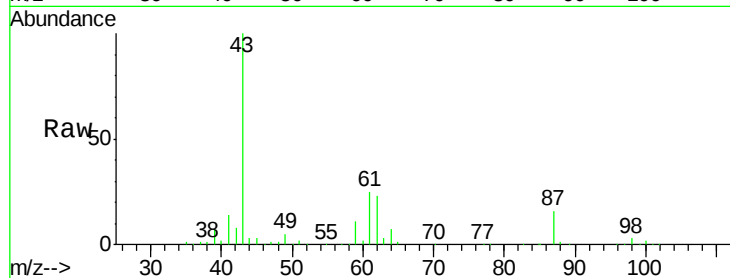
Tgt Ion: 43 Resp: 274249

Ion Ratio Lower Upper

43 100

61 34.1 27.5 41.3

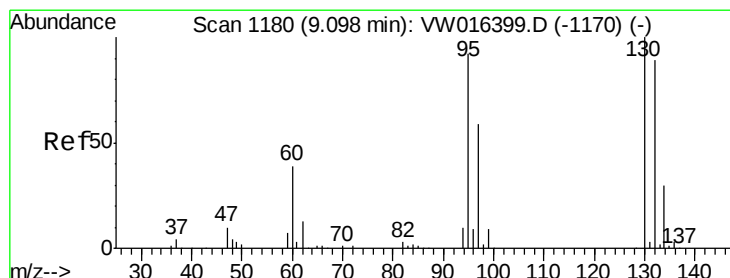
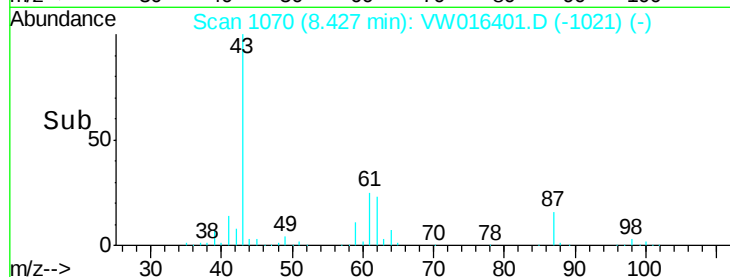
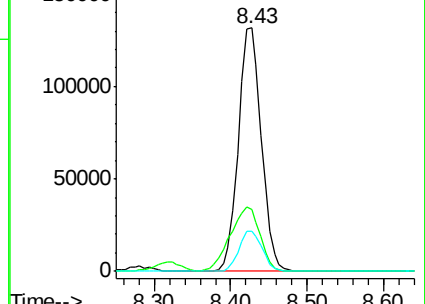
87 16.6 13.5 20.3



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: 136.581 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016401.D

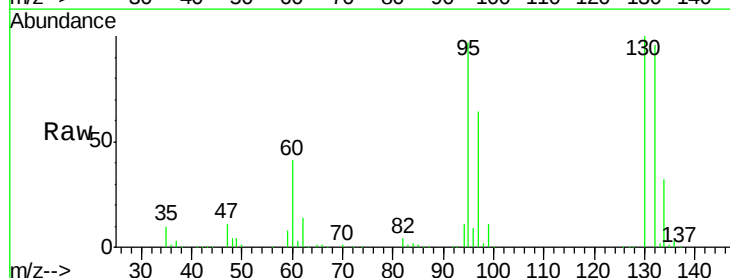
Acq: 28 Aug 2020 14:31

Tgt Ion: 130 Resp: 306891

Ion Ratio Lower Upper

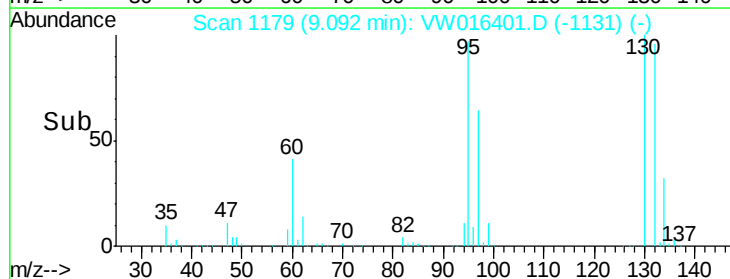
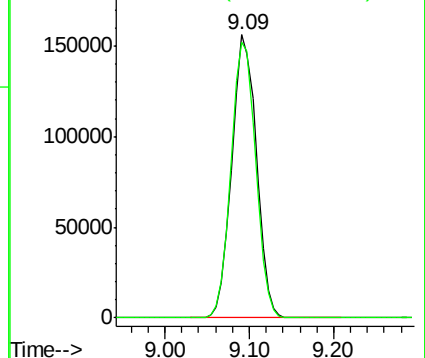
130 100

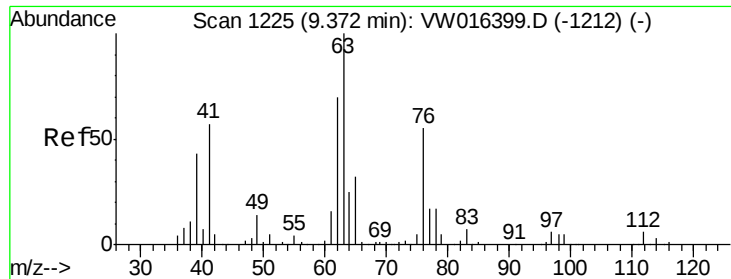
95 97.3 0.0 183.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

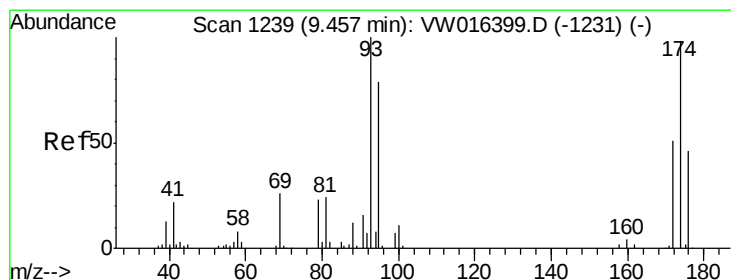
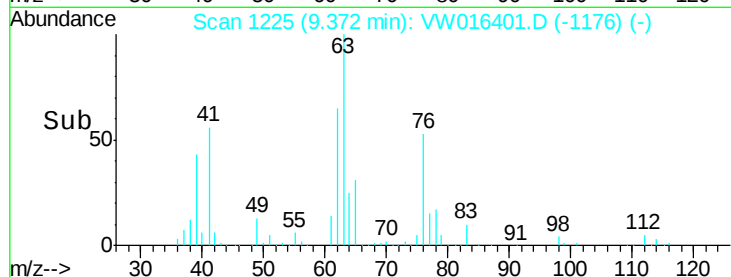
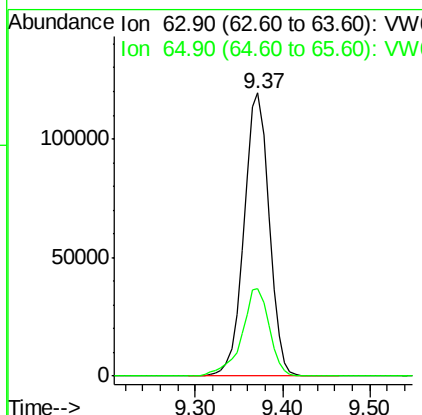
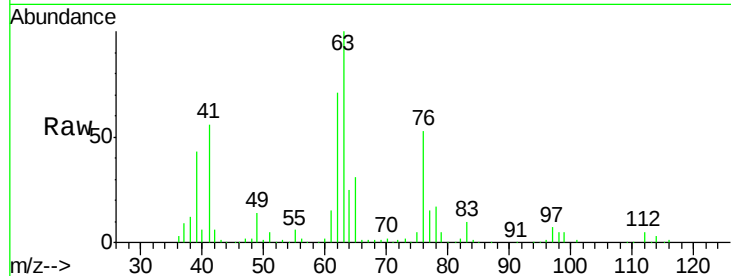




#45
 1,2-Dichloropropane
 Concen: 129.410 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

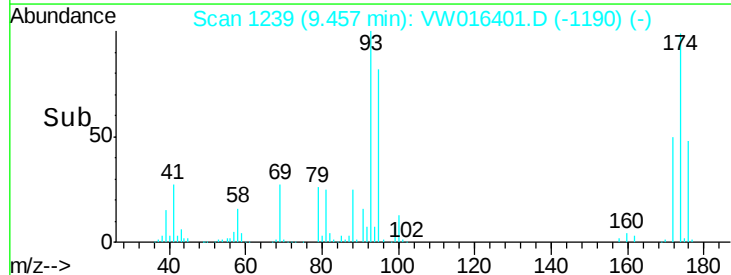
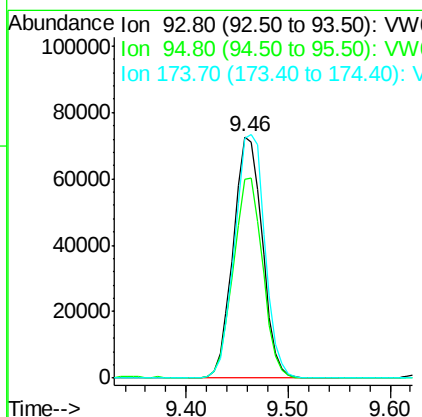
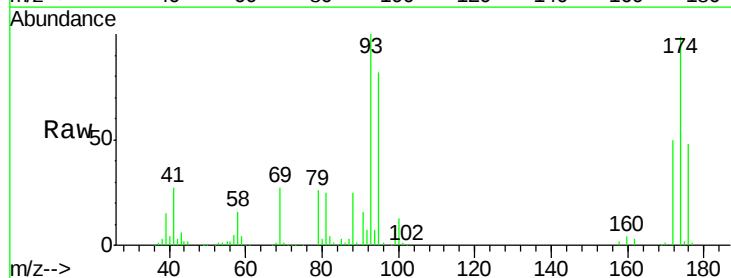
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

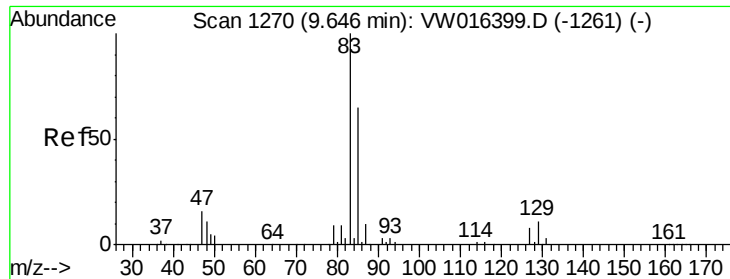
Tgt Ion: 63 Resp: 237838
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.4 38.0



#46
 Dibromomethane
 Concen: 145.709 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 93 Resp: 143016
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.3 97.9
 174 104.8 80.1 120.1





#47

Bromodichloromethane

Concen: 147.846 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

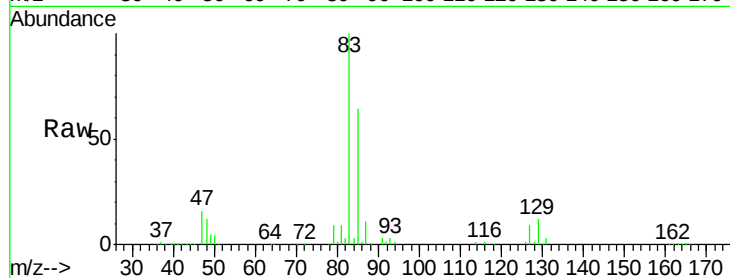
Tgt Ion: 83 Resp: 376848

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.2

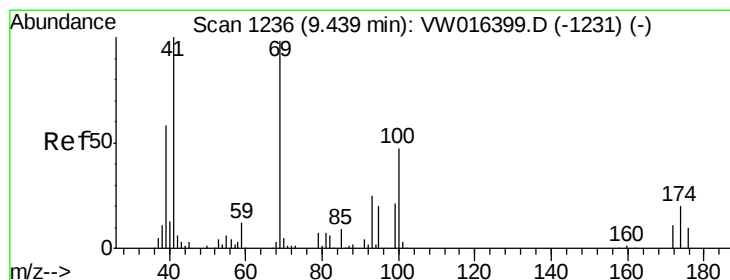
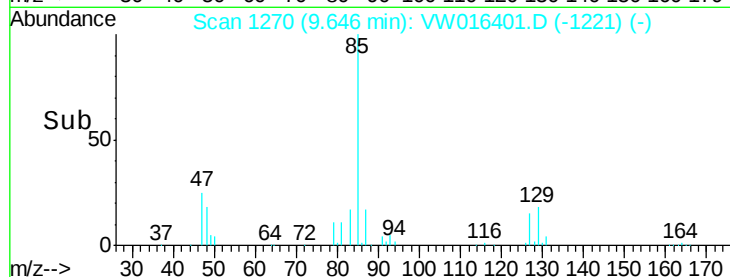
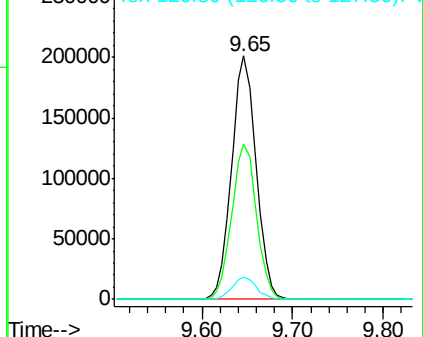
127 9.3 6.8 10.2



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): VW



#48

Methyl methacrylate

Concen: 168.912 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

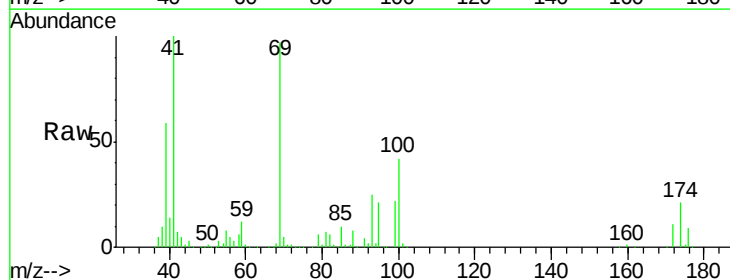
Tgt Ion: 41 Resp: 141146

Ion Ratio Lower Upper

41 100

69 95.6 83.5 125.3

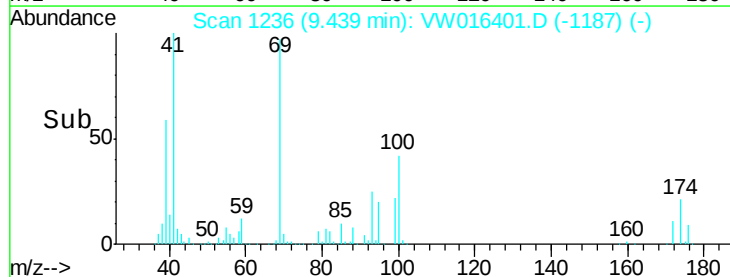
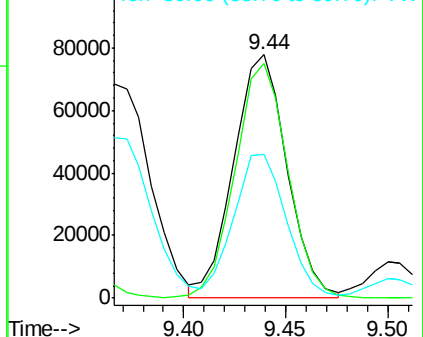
39 56.2 48.7 73.1

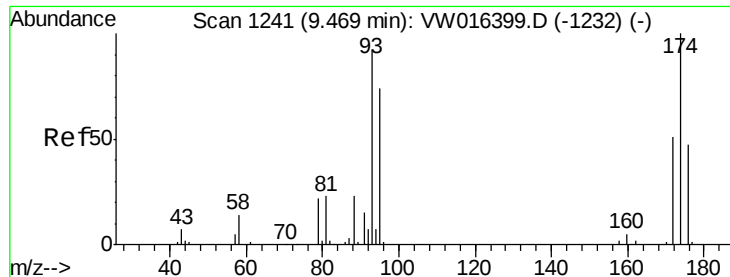


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

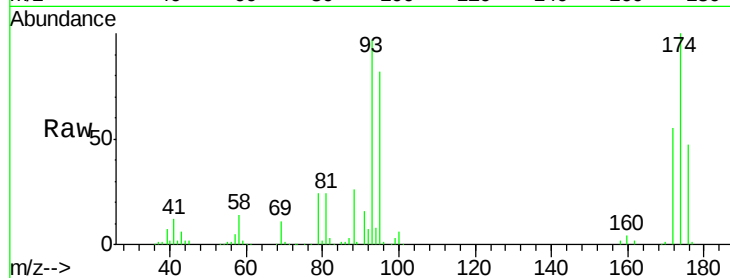




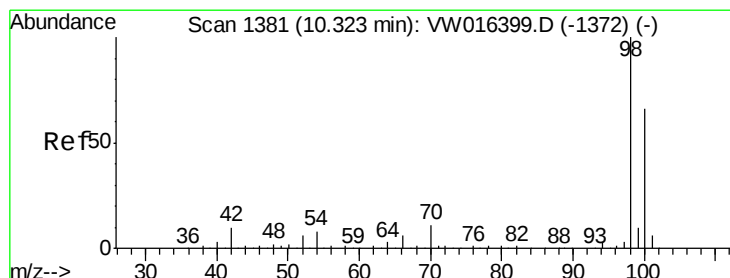
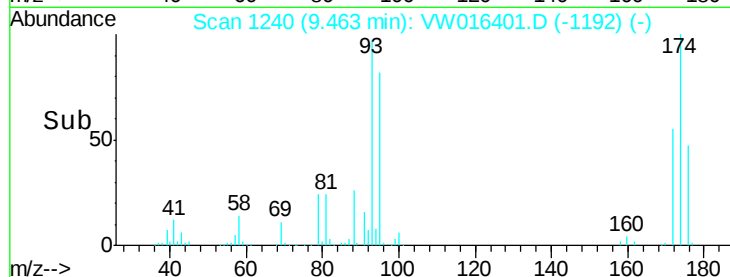
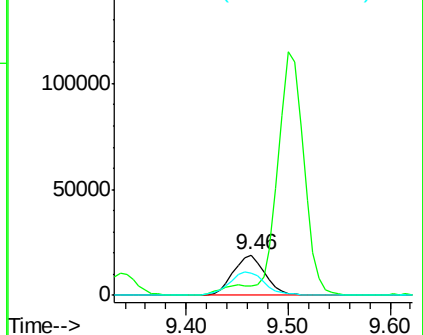
#49
1,4-Dioxane
Concen: 3370.949 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 41458
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.7 53.5 80.3

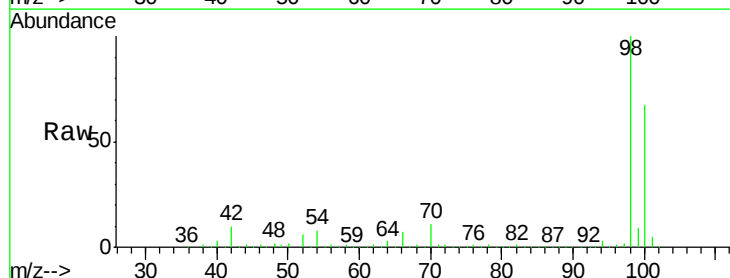


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

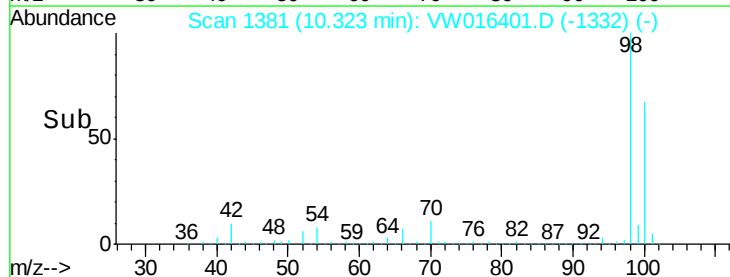
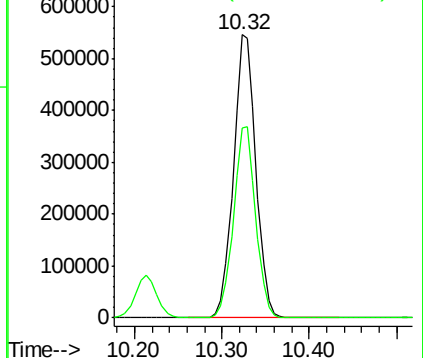


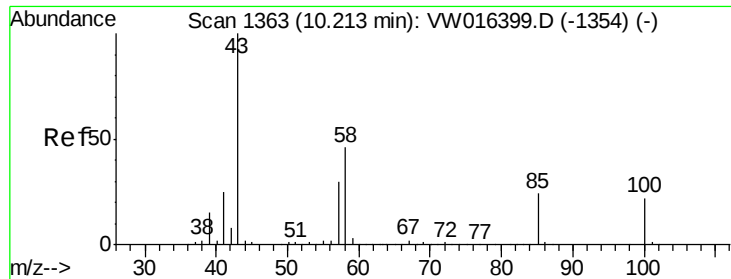
#50
Toluene-d8
Concen: 144.092 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 98 Resp: 969761
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



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

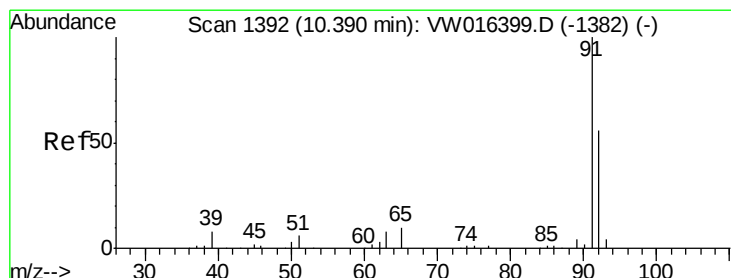
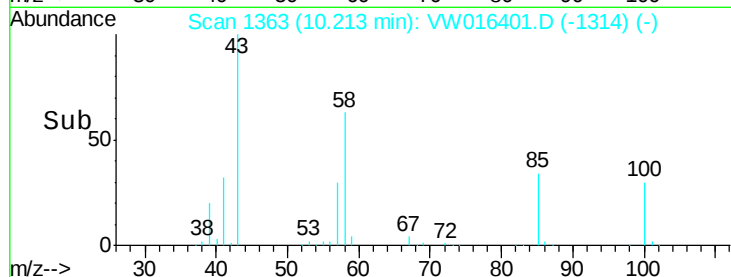
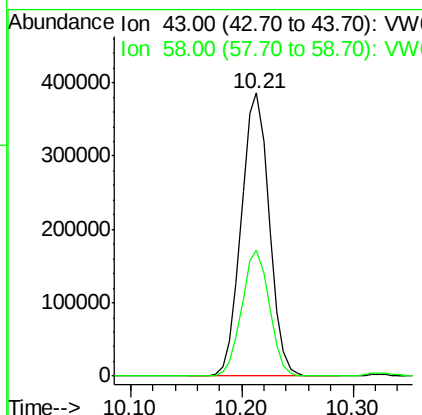
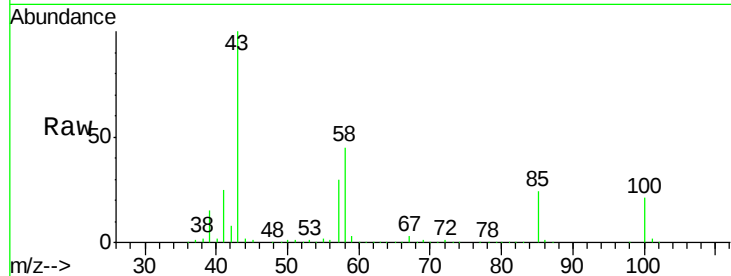




#51
4-Methyl-2-Pentanone
Concen: 743.190 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

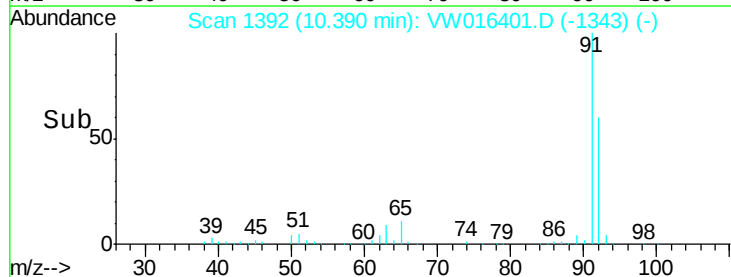
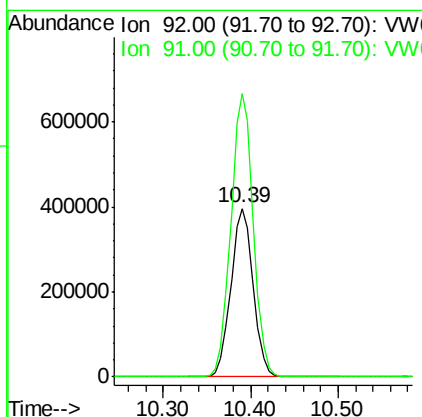
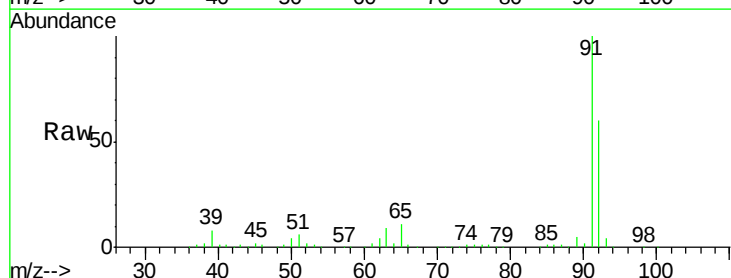
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

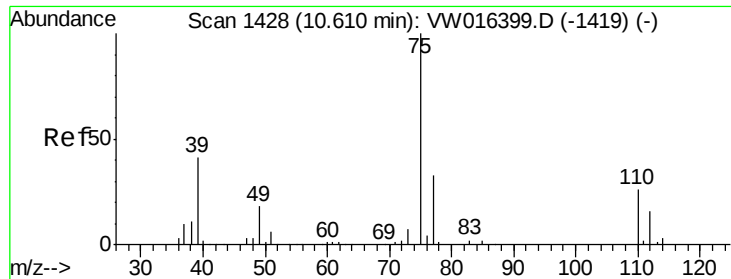
Tgt Ion: 43 Resp: 672766
Ion Ratio Lower Upper
43 100
58 44.1 35.4 53.0



#52
Toluene
Concen: 138.493 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 92 Resp: 697371
Ion Ratio Lower Upper
92 100
91 169.3 137.1 205.7

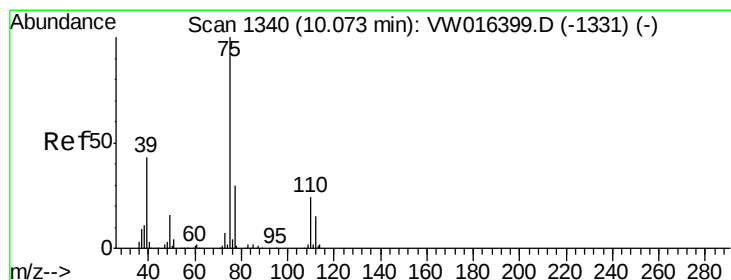
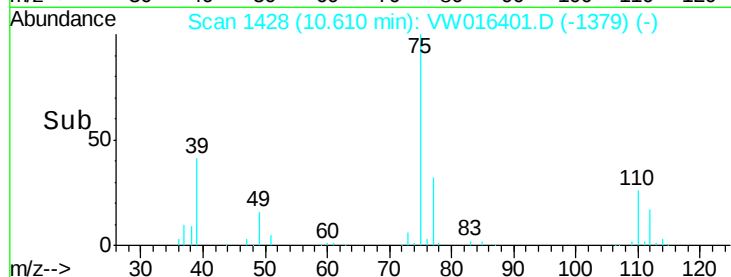
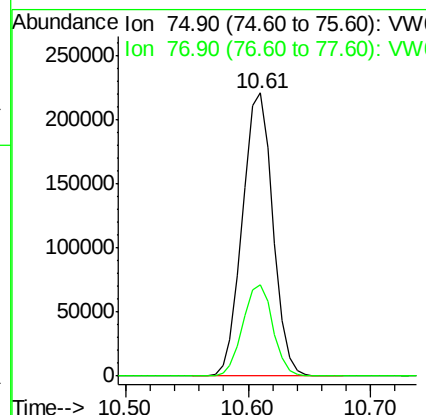
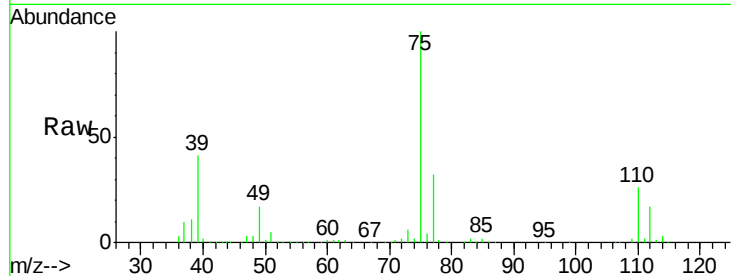




#53
 t-1,3-Dichloropropene
 Concen: 160.834 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

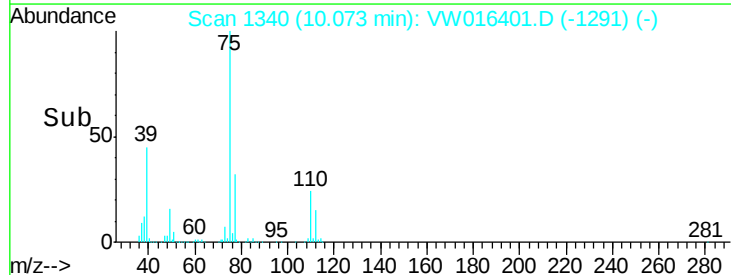
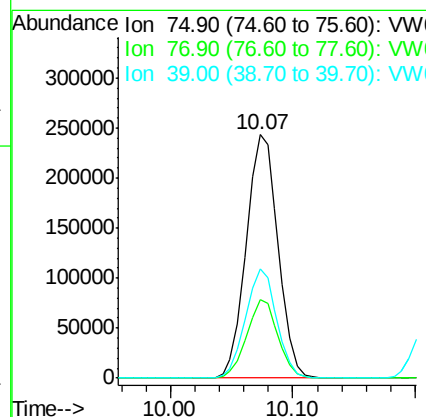
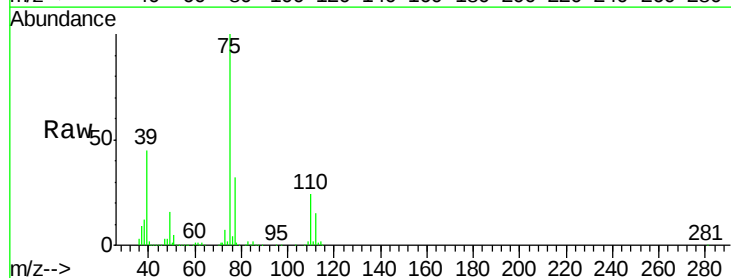
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

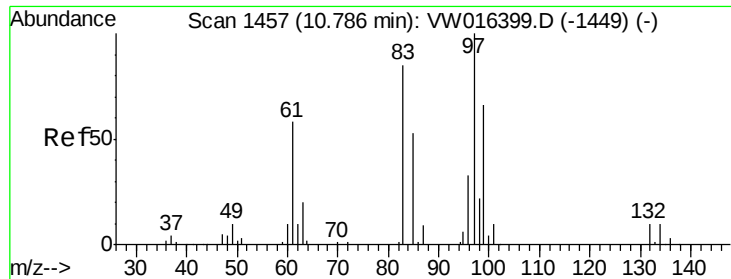
Tgt Ion: 75 Resp: 380759
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 150.806 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 75 Resp: 438566
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.4 36.6
 39 44.8 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 144.290 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 203552

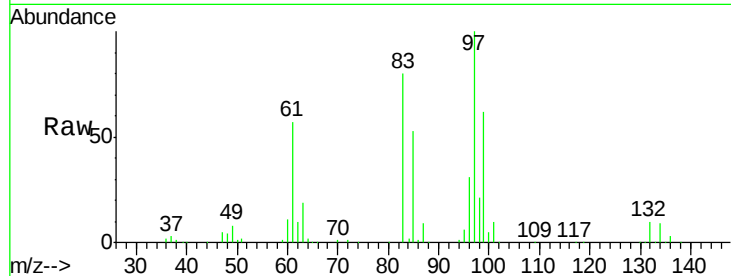
Ion Ratio Lower Upper

97 100

83 80.0 68.0 102.0

85 53.2 42.2 63.2

99 62.4 52.6 78.8

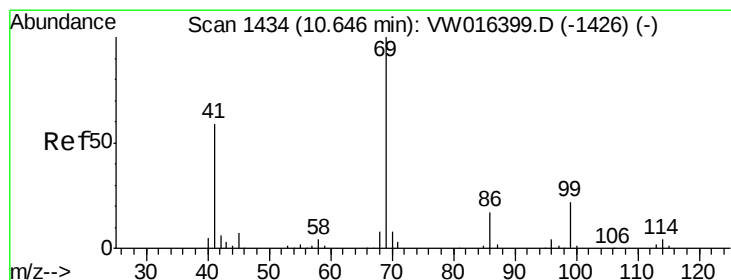
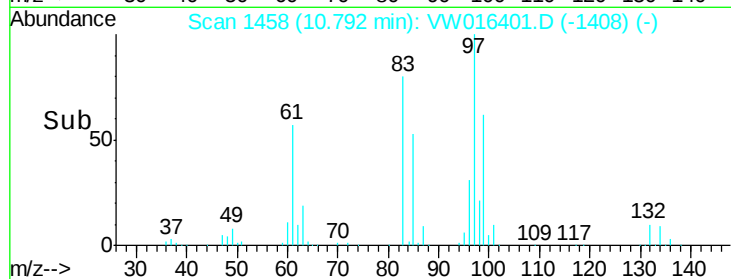
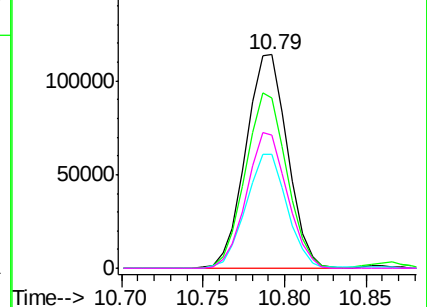


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 164.148 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

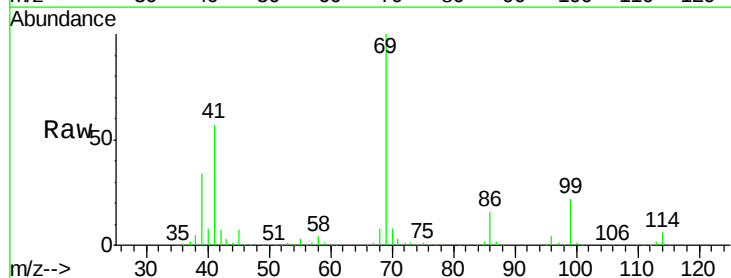
Tgt Ion: 69 Resp: 261916

Ion Ratio Lower Upper

69 100

41 57.1 46.5 69.7

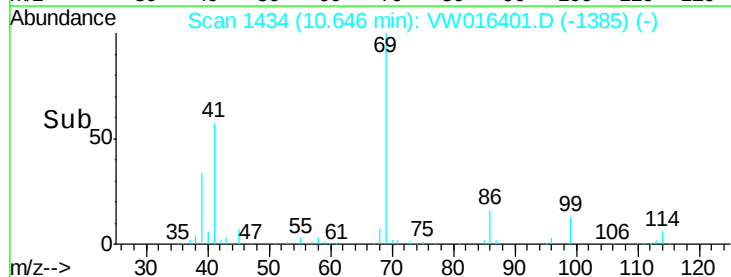
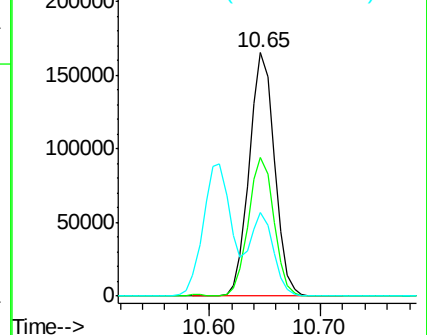
39 31.6 26.2 39.2

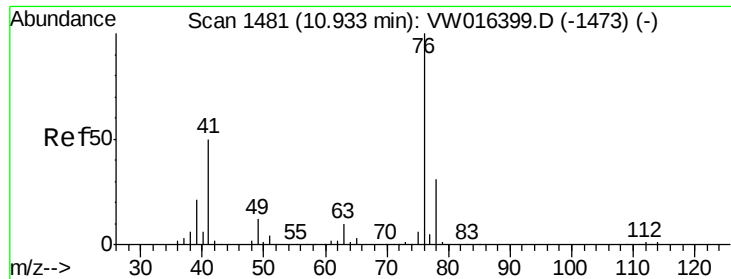


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

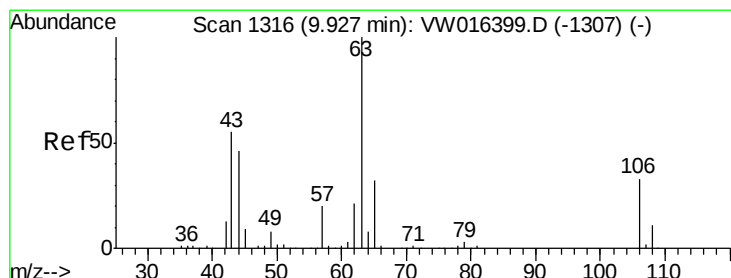
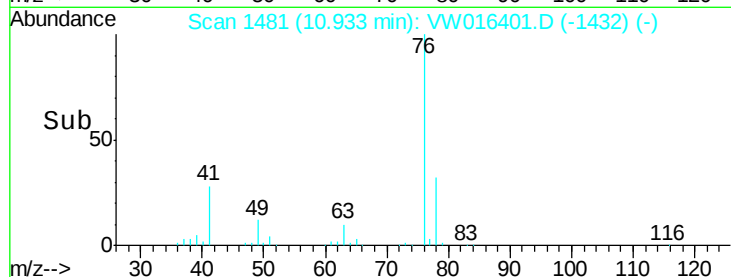
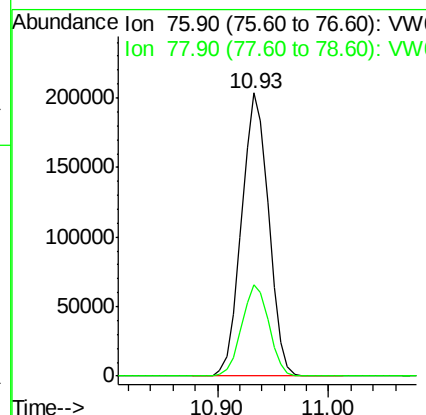
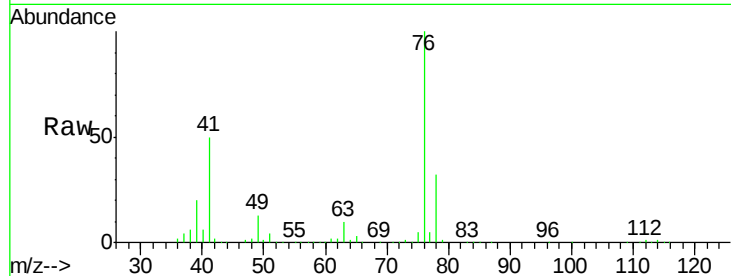




#57
 1,3-Dichloropropane
 Concen: 143.792 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

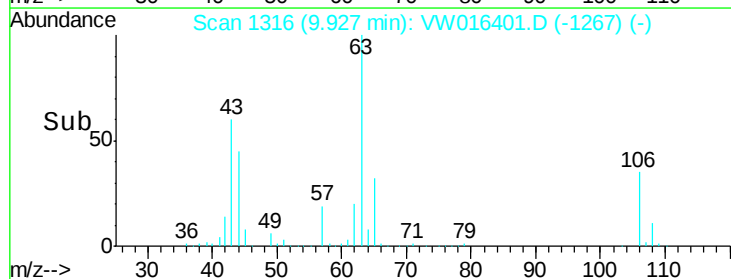
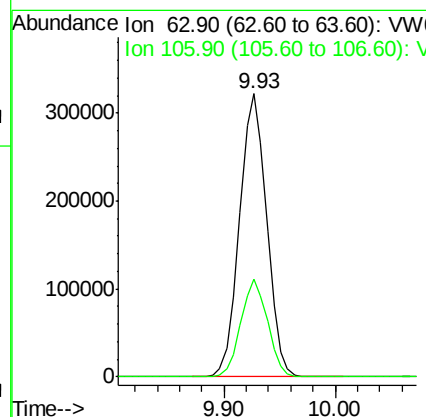
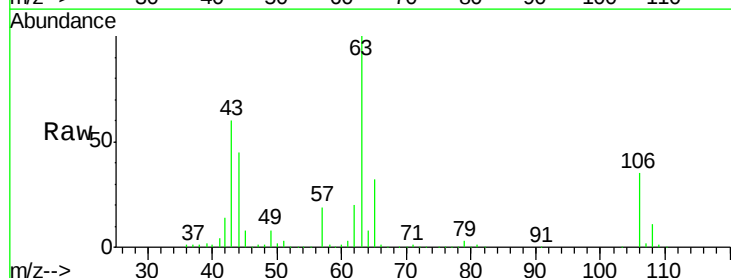
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

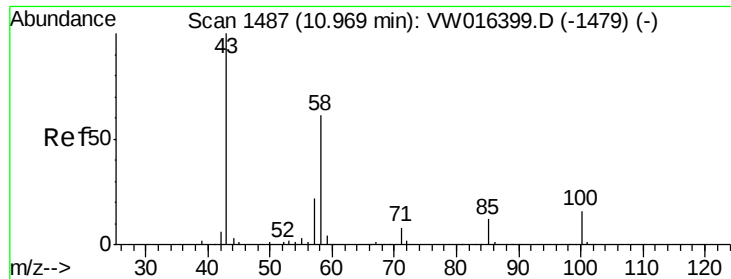
Tgt Ion: 76 Resp: 343014
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 745.230 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion: 63 Resp: 542372
 Ion Ratio Lower Upper
 63 100
 106 33.9 26.6 40.0

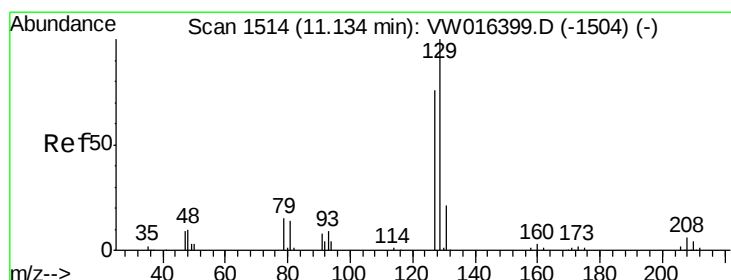
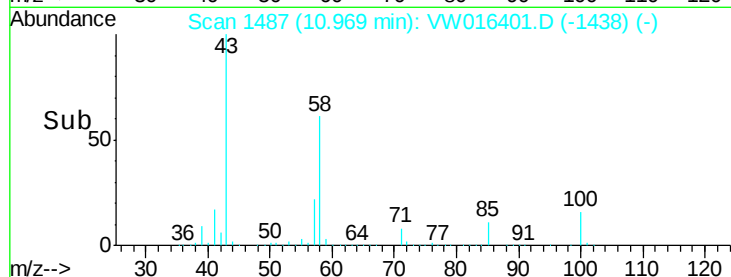
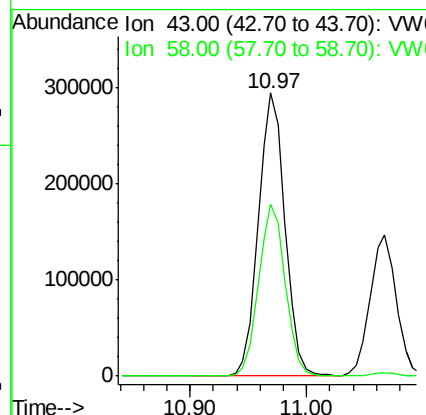
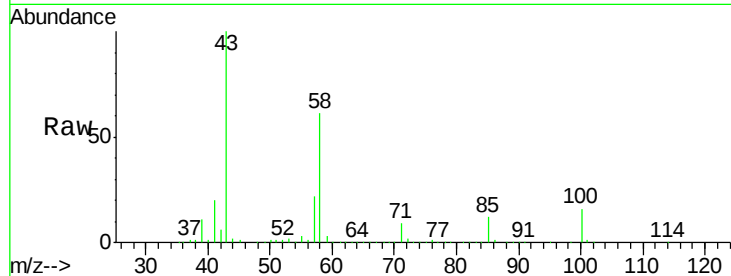




#59
2-Hexanone
Concen: 760.809 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

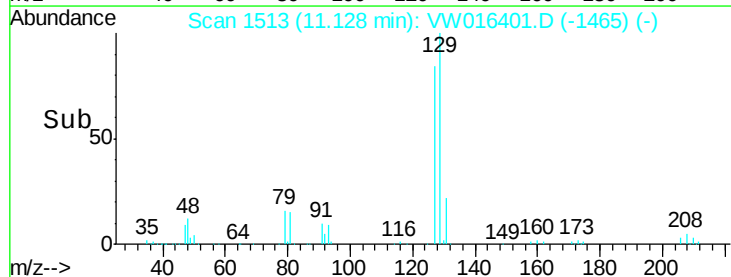
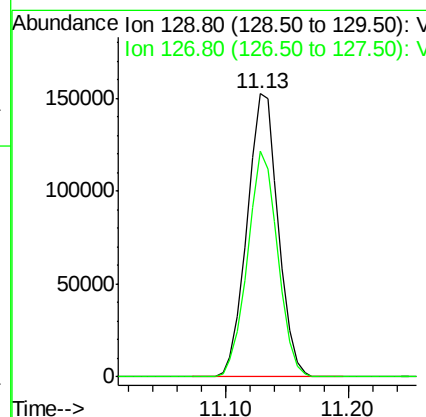
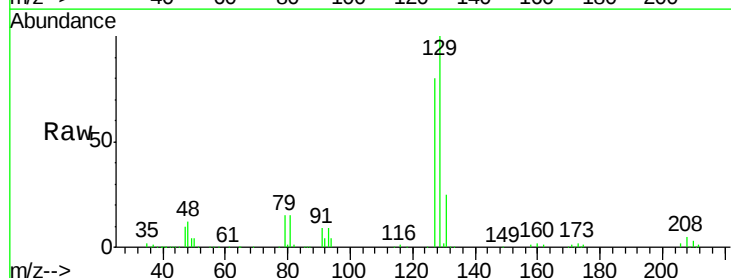
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

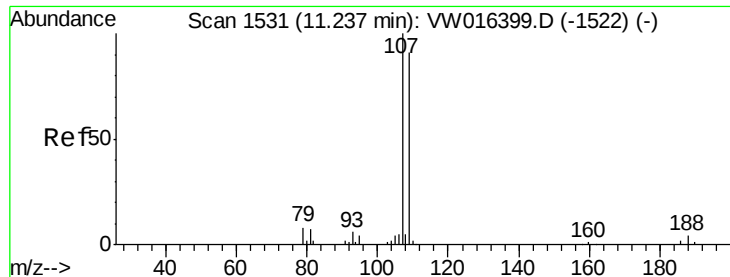
Tgt Ion: 43 Resp: 469403
Ion Ratio Lower Upper
43 100
58 60.6 29.7 89.1



#60
Dibromochloromethane
Concen: 158.504 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 129 Resp: 269226
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61

1,2-Dibromoethane

Concen: 149.256 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

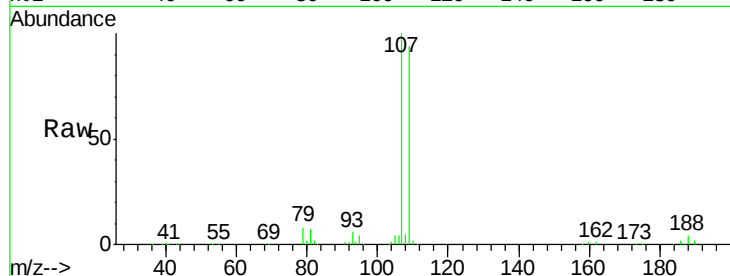
VSTDIC150

Tgt Ion: 107 Resp: 202794

Ion Ratio Lower Upper

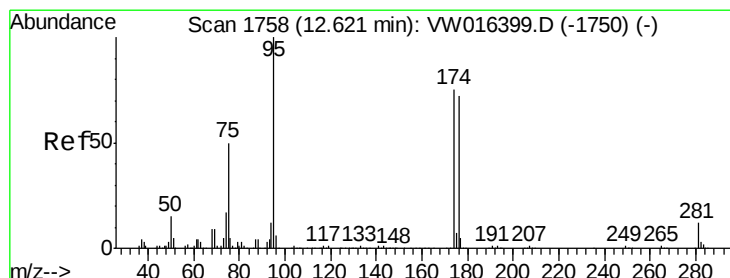
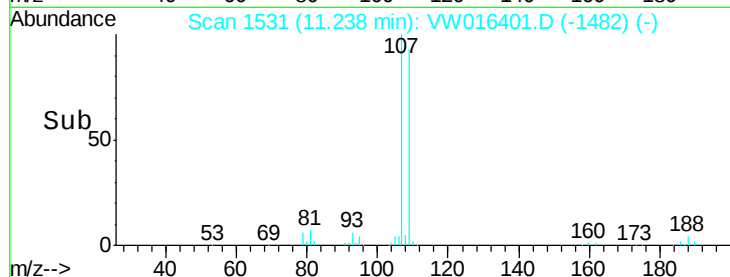
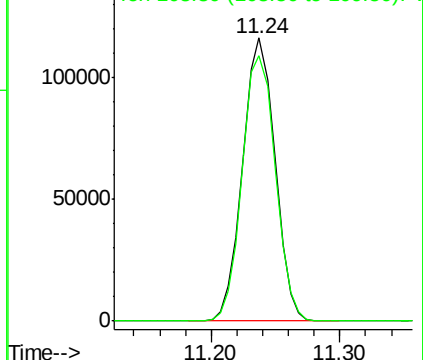
107 100

109 96.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 149.106 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

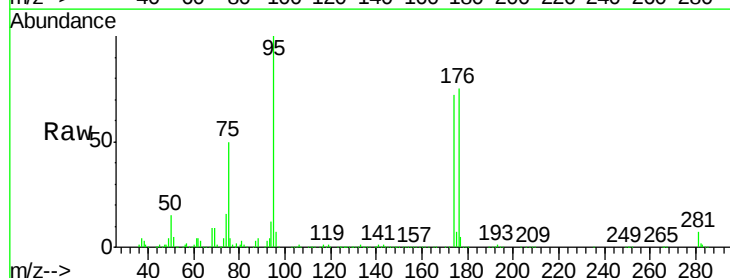
Tgt Ion: 95 Resp: 360750

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.0

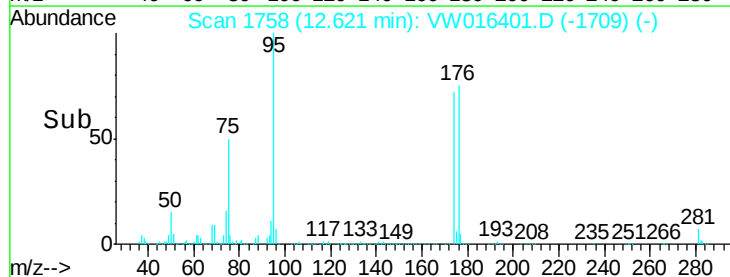
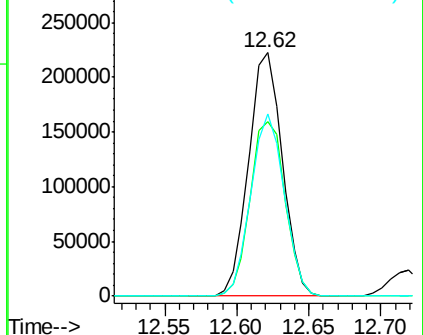
176 73.9 0.0 145.6

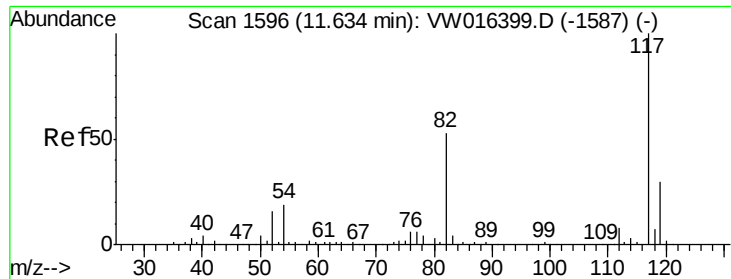


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

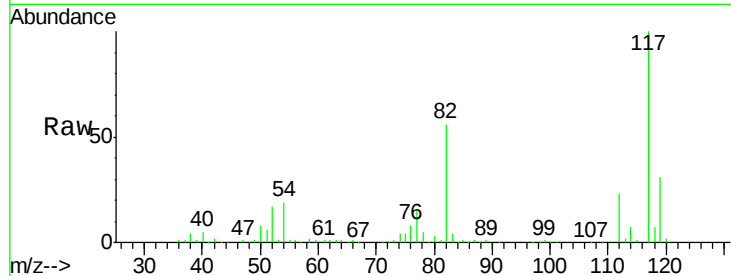




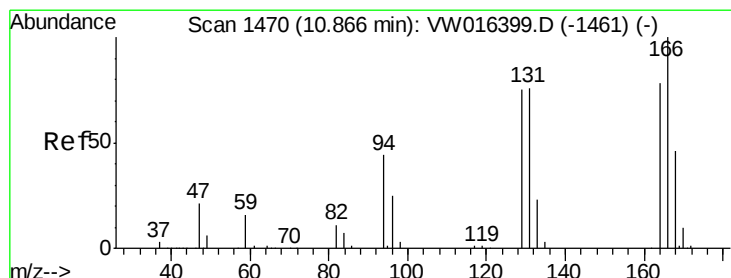
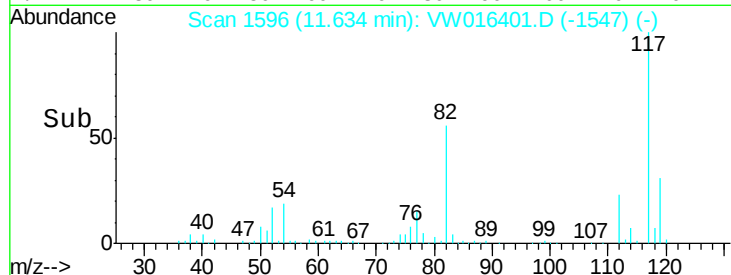
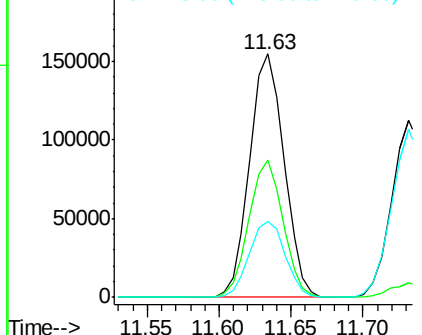
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 256803
Ion Ratio Lower Upper
117 100
82 56.3 42.2 63.4
119 31.0 24.2 36.4

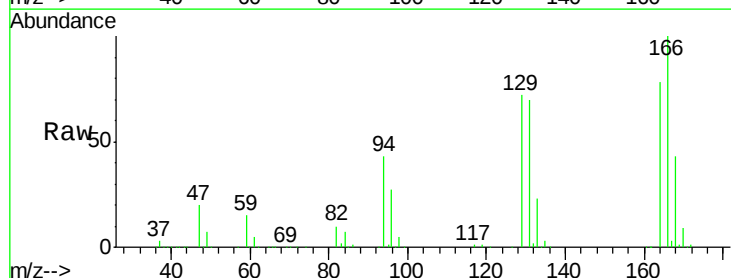


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

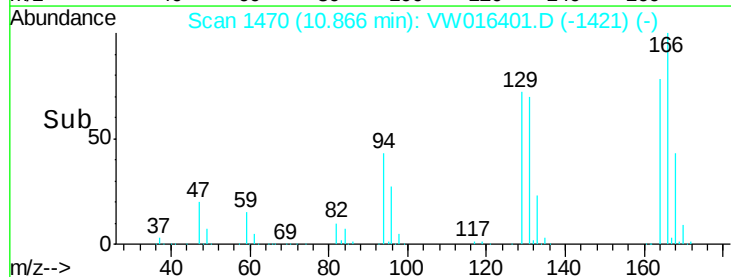
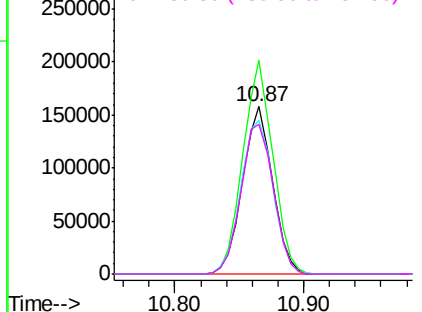


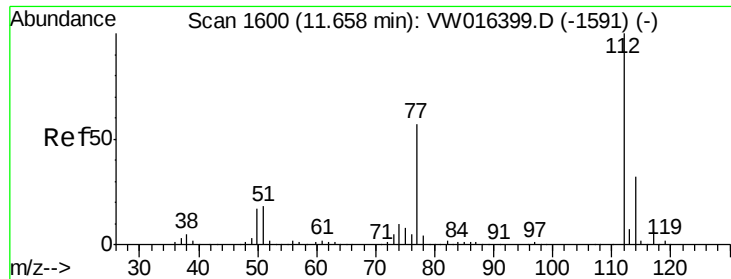
#64
Tetrachloroethene
Concen: 147.841 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion:164 Resp: 254147
Ion Ratio Lower Upper
164 100
166 127.4 103.1 154.7
129 91.3 77.3 115.9
131 89.5 78.2 117.2



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

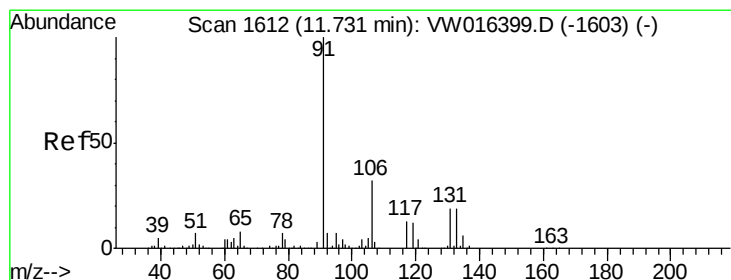
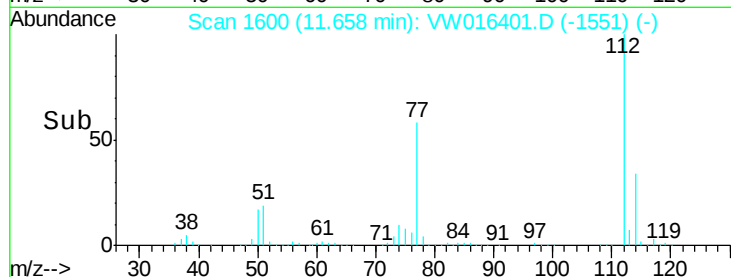
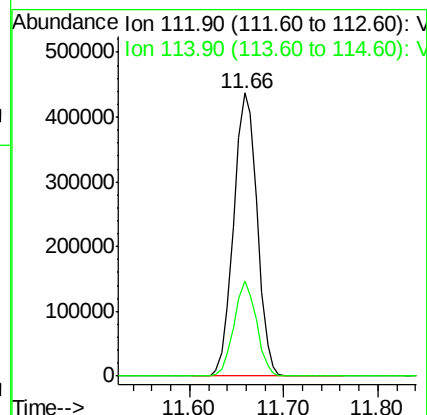
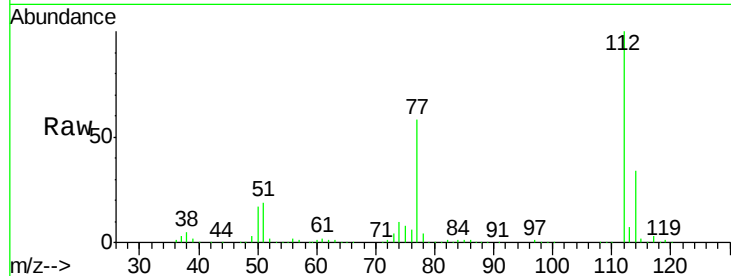




#65
Chlorobenzene
Concen: 141.796 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

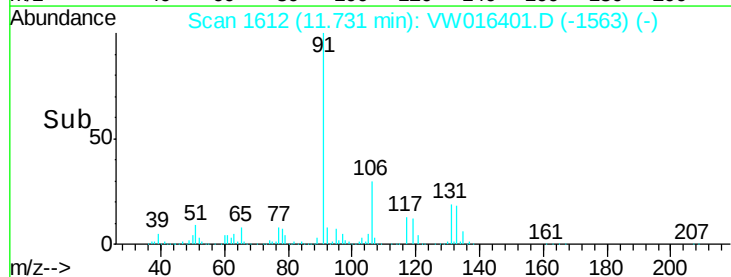
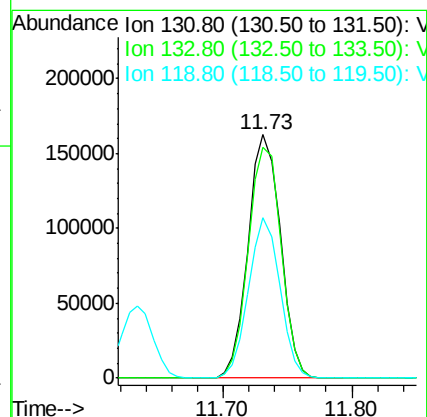
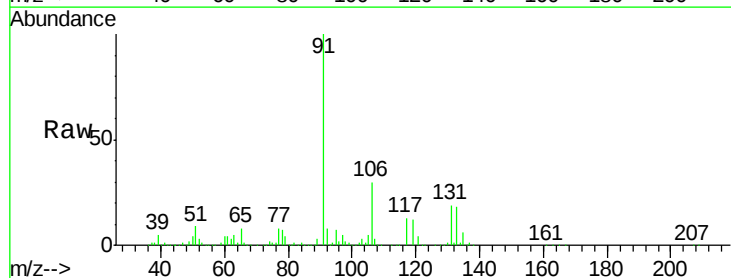
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

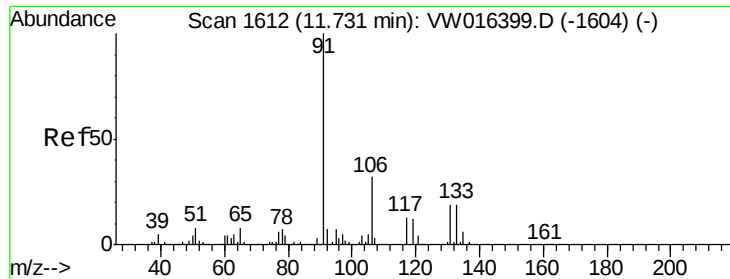
Tgt Ion:112 Resp: 754782
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 150.197 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion:131 Resp: 281677
Ion Ratio Lower Upper
131 100
133 96.4 46.9 140.6
119 64.1 31.6 95.0

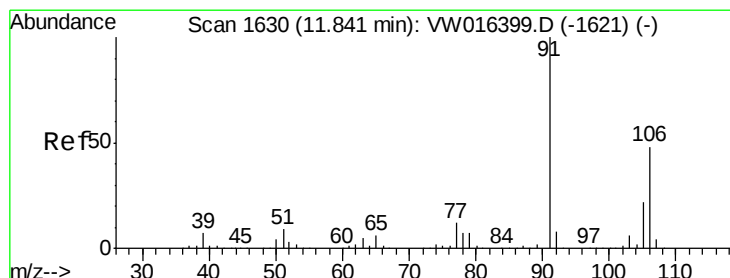
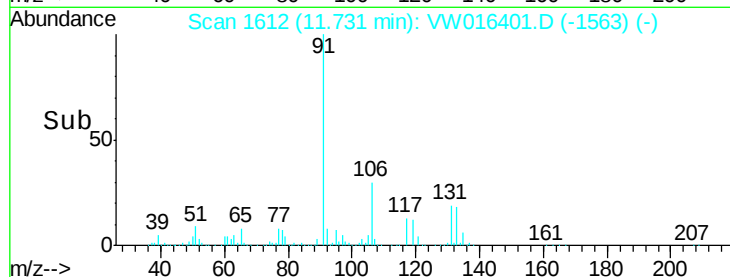
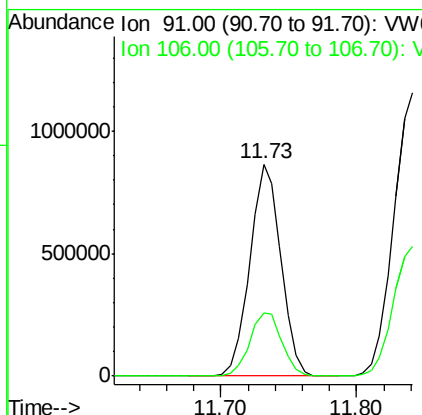
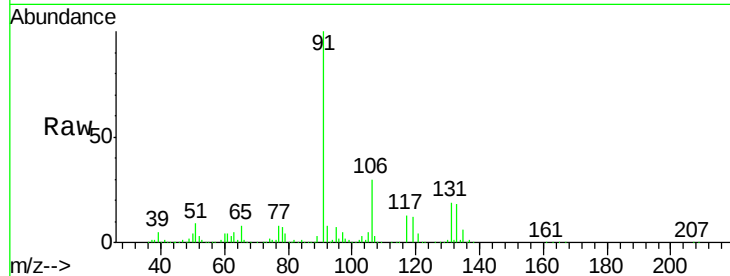




#67
Ethyl Benzene
Concen: 145.153 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

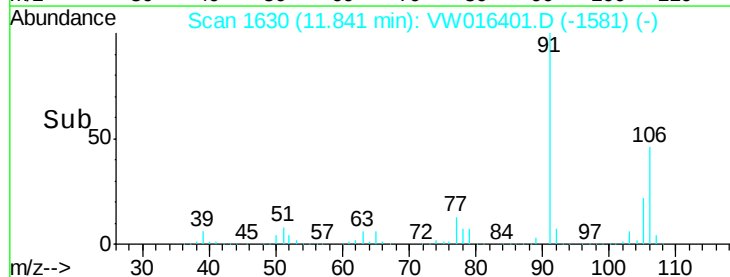
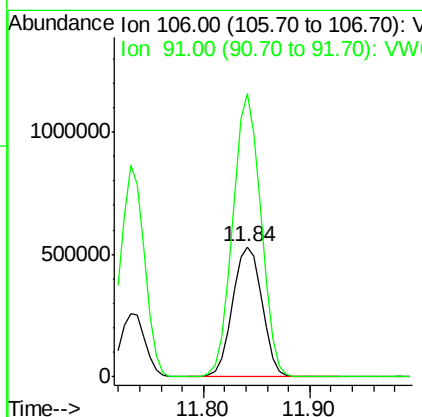
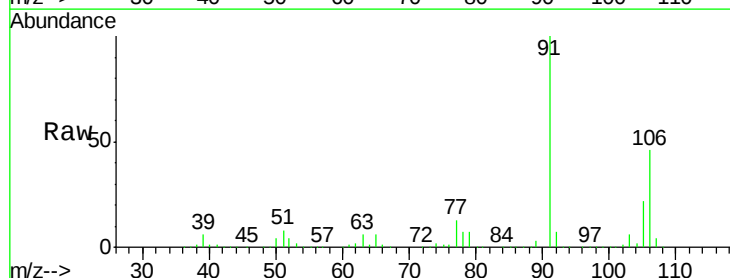
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

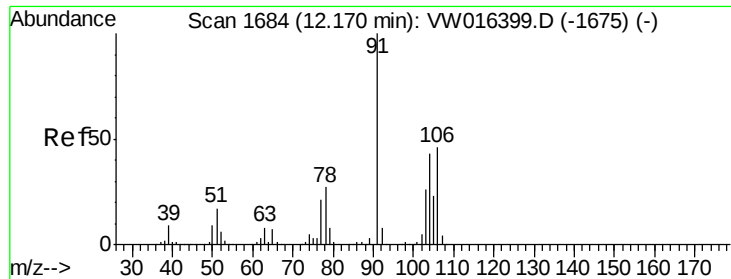
Tgt Ion: 91 Resp: 1382302
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9



#68
m/p-Xylenes
Concen: 281.747 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 106 Resp: 1030657
Ion Ratio Lower Upper
106 100
91 208.7 167.7 251.5

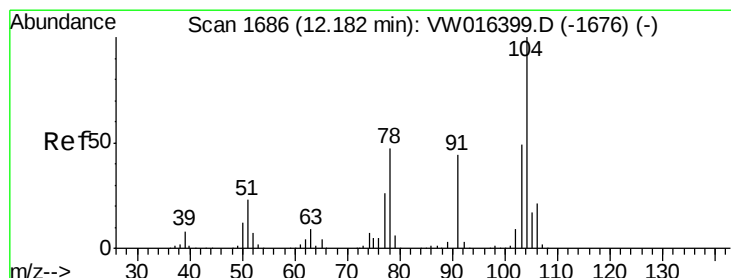
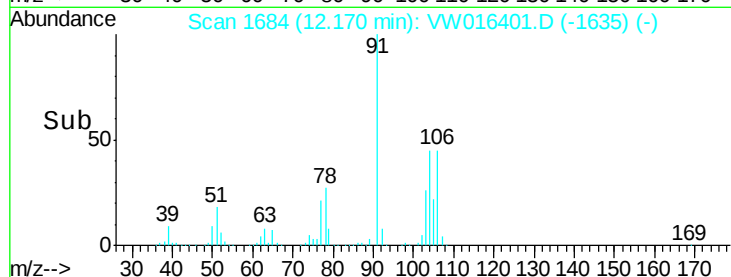
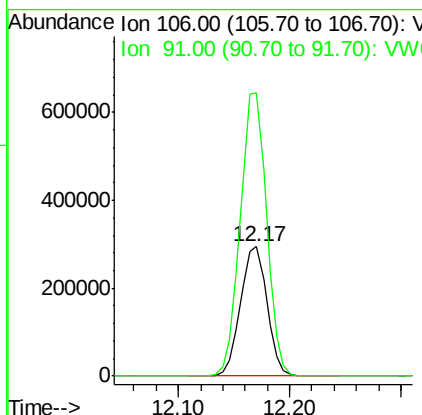
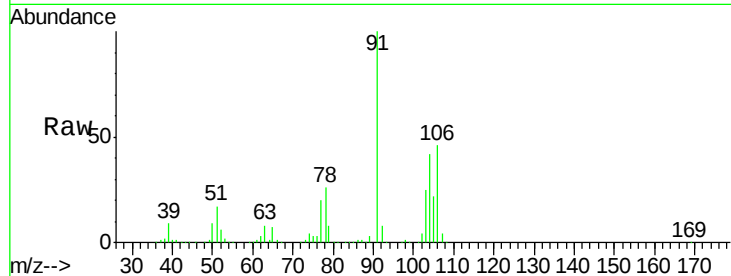




#69
o-Xylene
Concen: 149.642 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

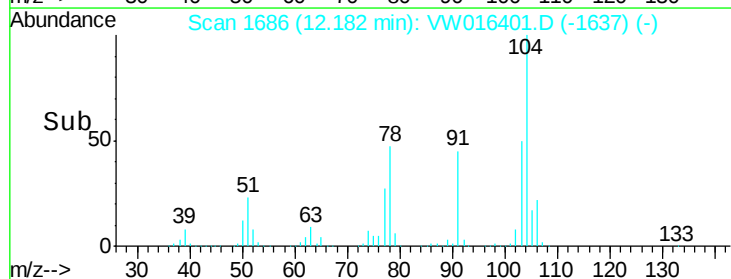
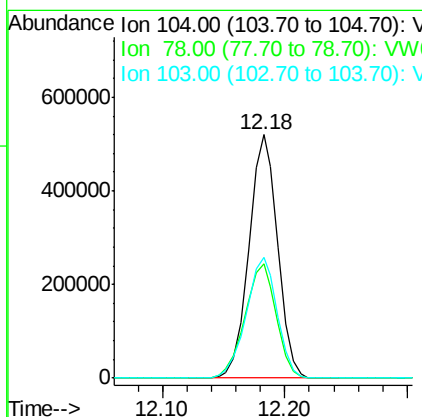
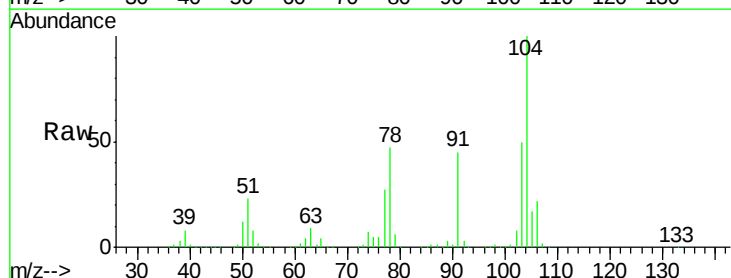
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

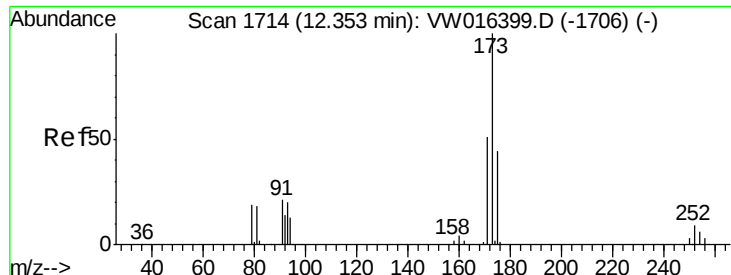
Tgt Ion:106 Resp: 487833
Ion Ratio Lower Upper
106 100
91 217.8 111.7 334.9



#70
Styrene
Concen: 149.694 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion:104 Resp: 844927
Ion Ratio Lower Upper
104 100
78 51.3 41.7 62.5
103 53.7 42.9 64.3





#71

Bromoform

Concen: 171.978 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

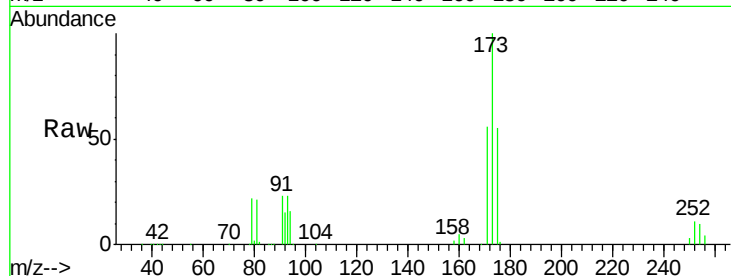
Tgt Ion:173 Resp: 146815

Ion Ratio Lower Upper

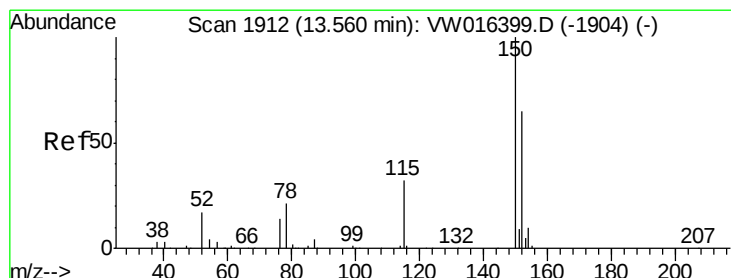
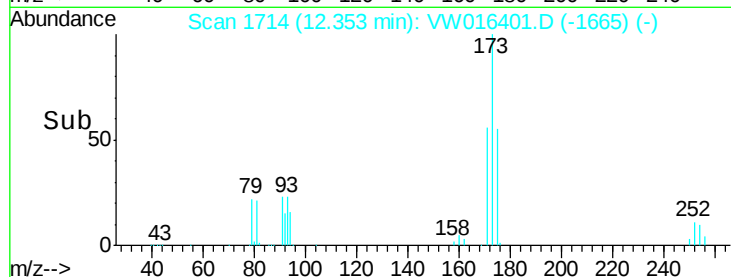
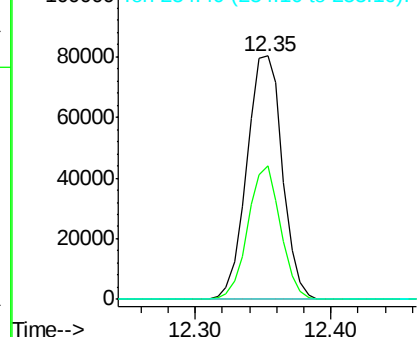
173 100

175 50.2 23.5 70.6

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: VW016401.D

Acq: 28 Aug 2020 14:31

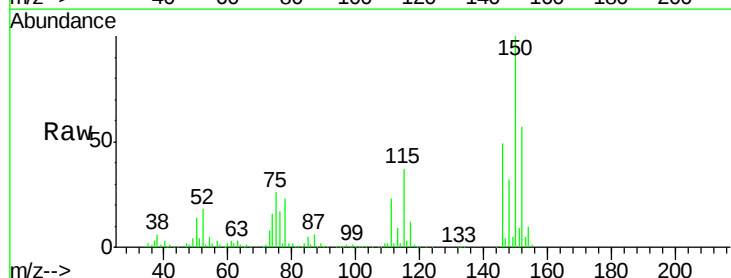
Tgt Ion:152 Resp: 117972

Ion Ratio Lower Upper

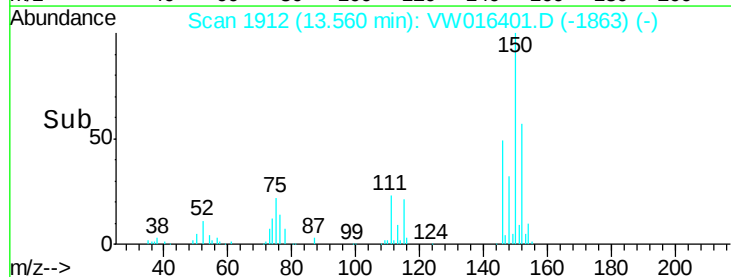
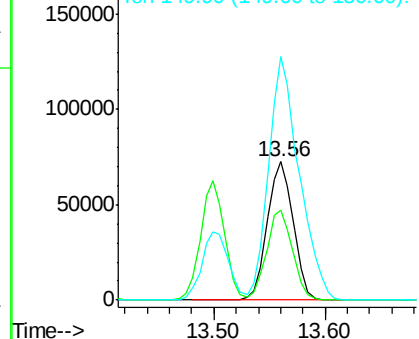
152 100

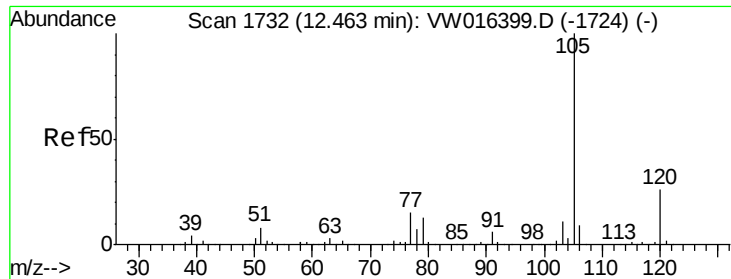
115 65.0 30.9 92.5

150 206.7 0.0 351.0



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





#73

Isopropylbenzene

Concen: 153.282 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

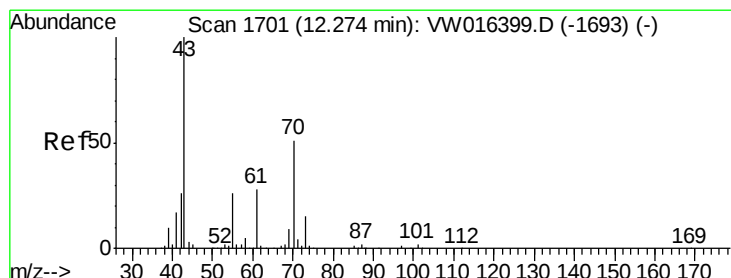
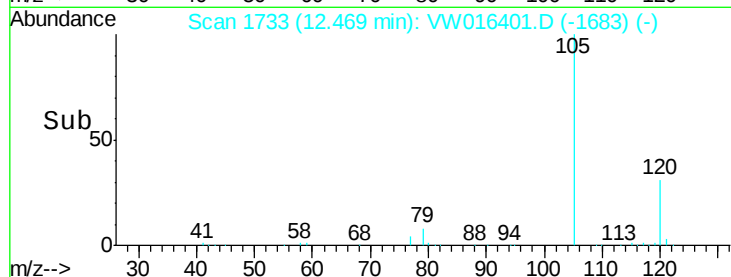
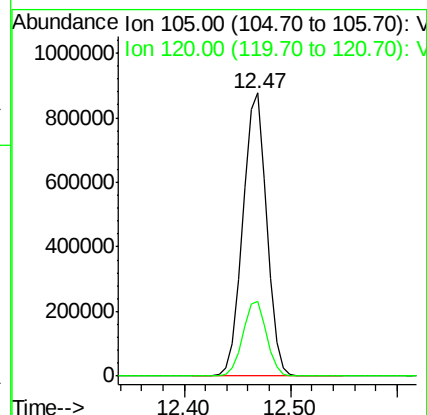
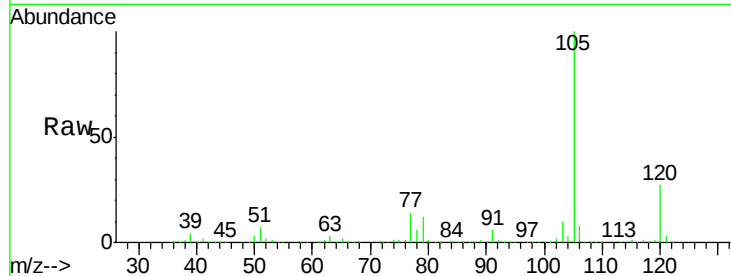
VSTDIC150

Tgt Ion:105 Resp: 1379079

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 155.900 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Tgt Ion: 43 Resp: 247757

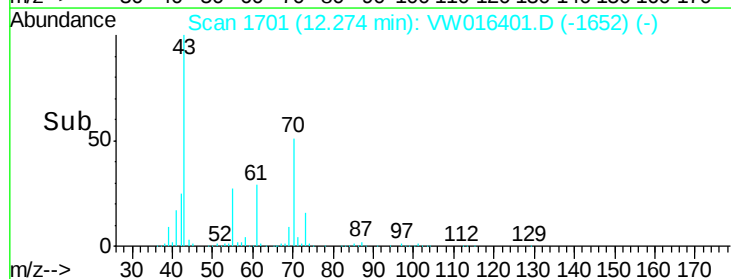
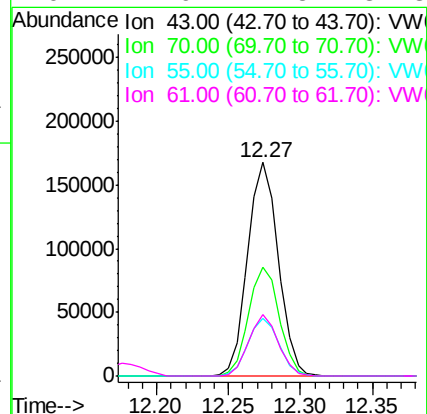
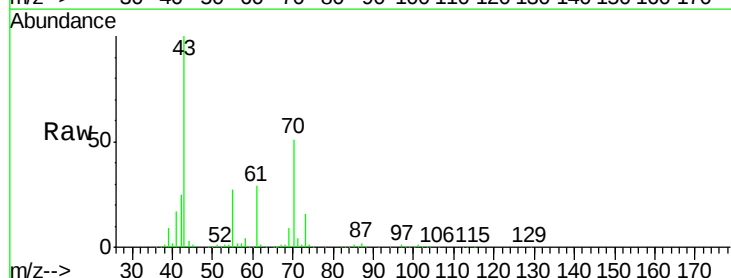
Ion Ratio Lower Upper

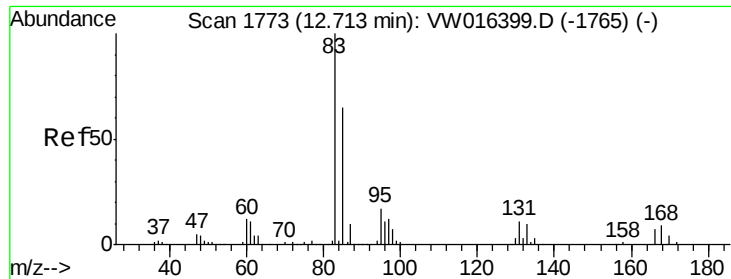
43 100

70 51.0 40.8 61.2

55 27.4 21.6 32.4

61 27.9 21.5 32.3

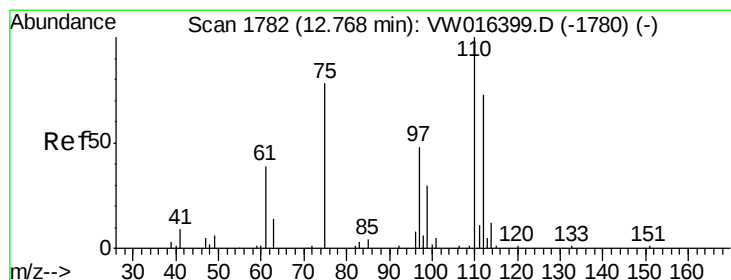
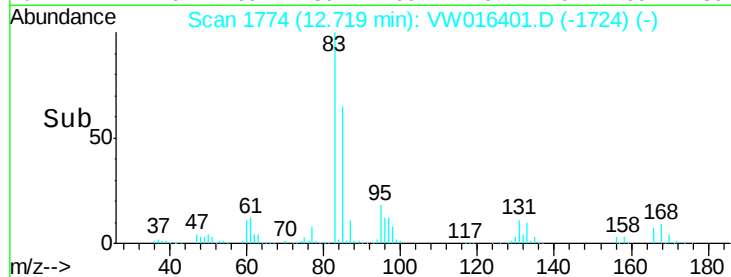
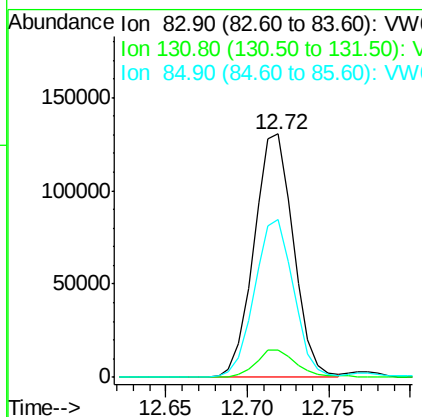
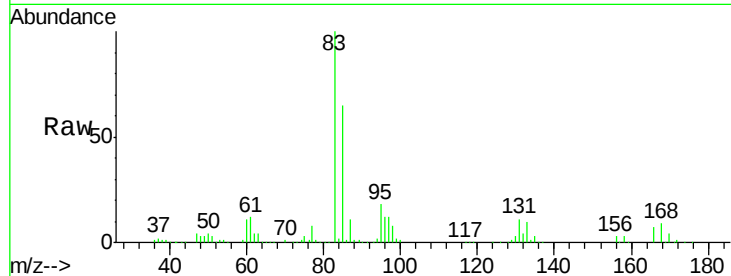




#75
 1,1,2,2-Tetrachloroethane
 Concen: 147.185 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.01 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

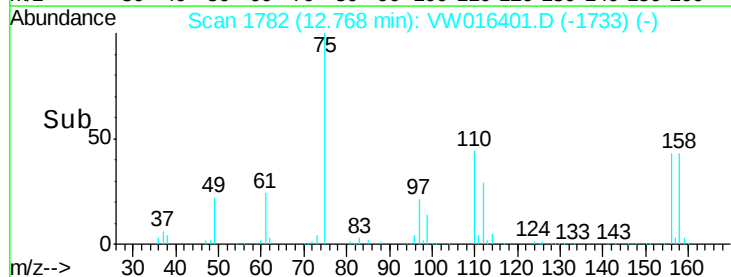
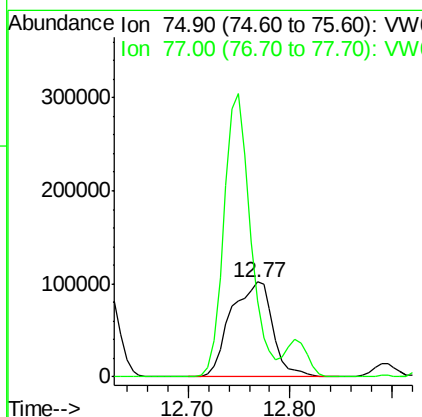
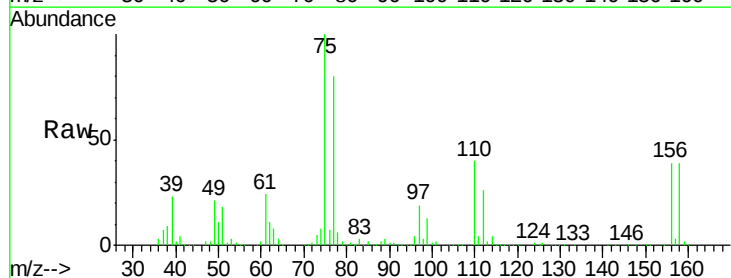
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

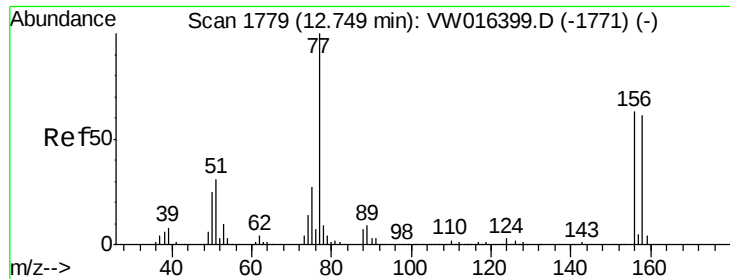
Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.8
85	64.3	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 271.457 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	188.9	173.4	520.2





#77

Bromobenzene

Concen: 152.985 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

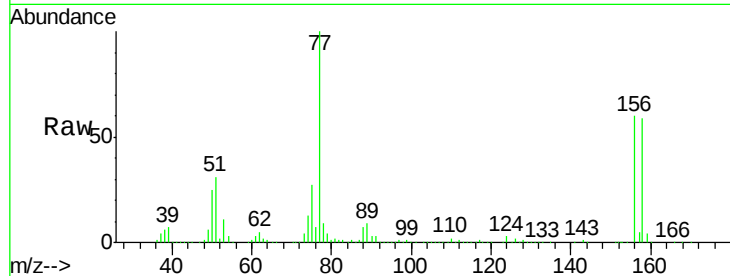
Tgt Ion: 156 Resp: 307354

Ion Ratio Lower Upper

156 100

77 179.9 90.0 269.9

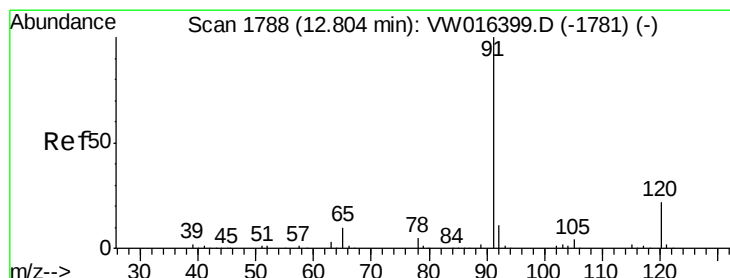
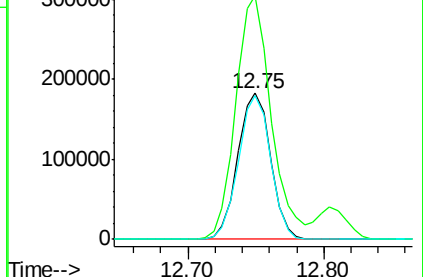
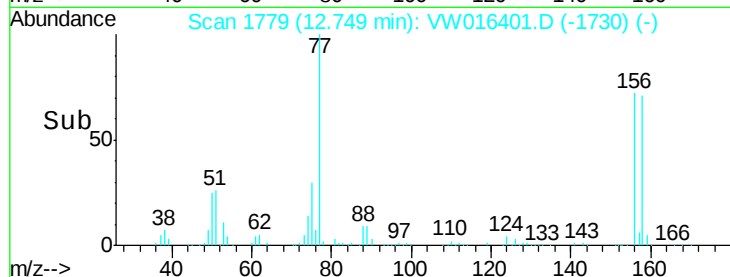
158 96.5 47.3 141.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 147.929 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016401.D

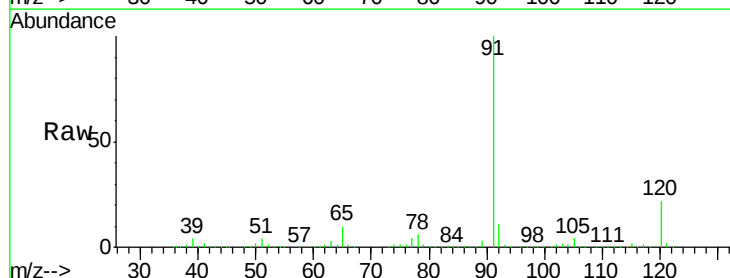
Acq: 28 Aug 2020 14:31

Tgt Ion: 91 Resp: 1582679

Ion Ratio Lower Upper

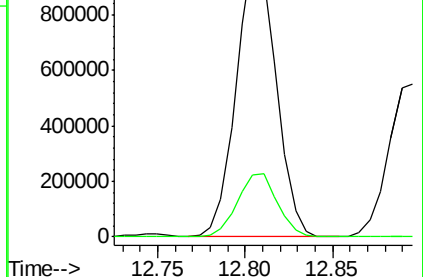
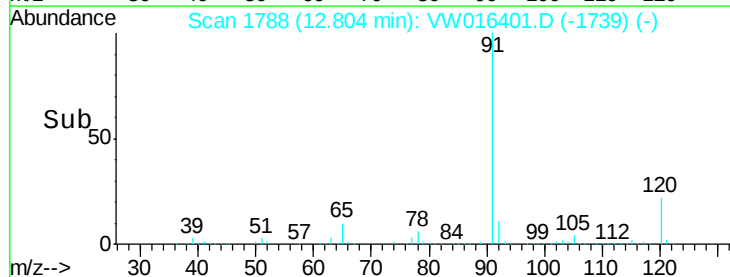
91 100

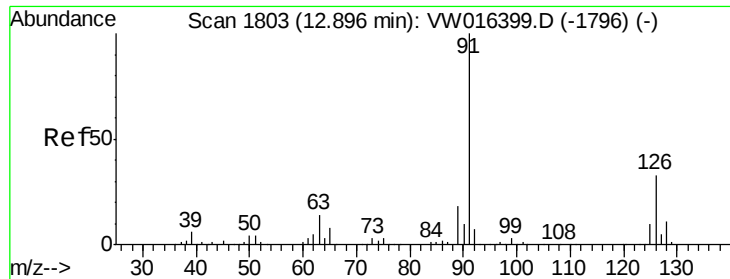
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.244 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

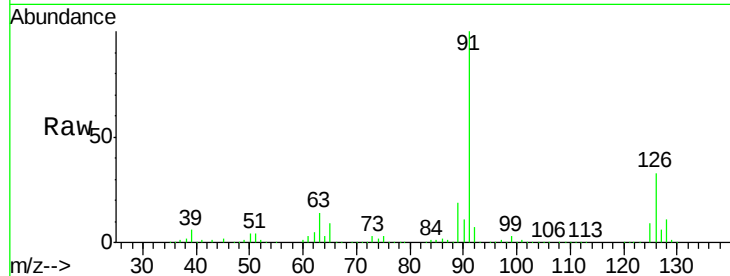
VSTDIC150

Tgt Ion: 91 Resp: 912304

Ion Ratio Lower Upper

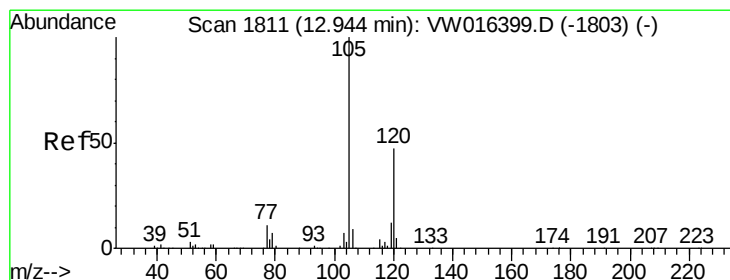
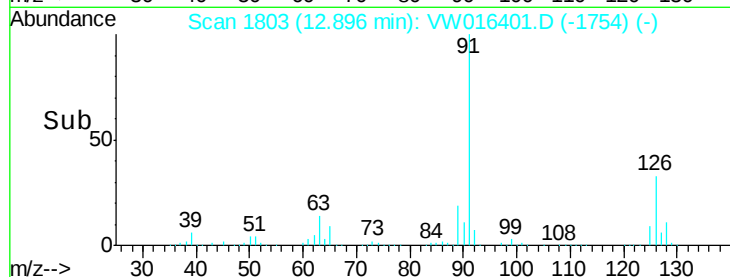
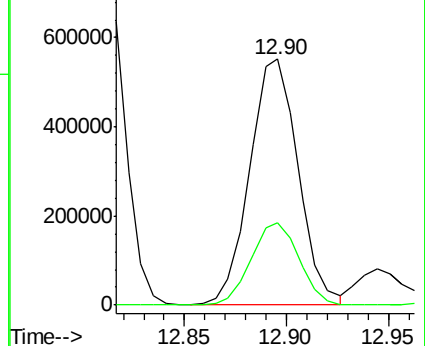
91 100

126 33.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 149.685 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016401.D

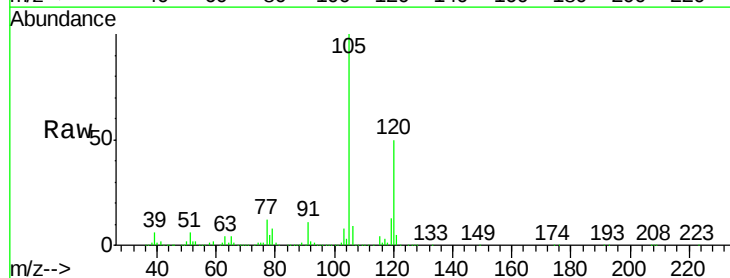
Acq: 28 Aug 2020 14:31

Tgt Ion: 105 Resp: 1161219

Ion Ratio Lower Upper

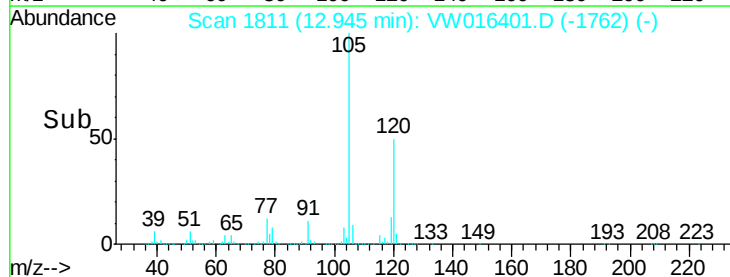
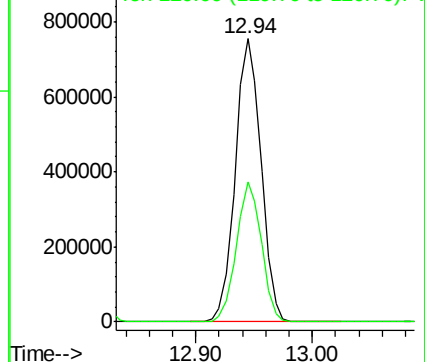
105 100

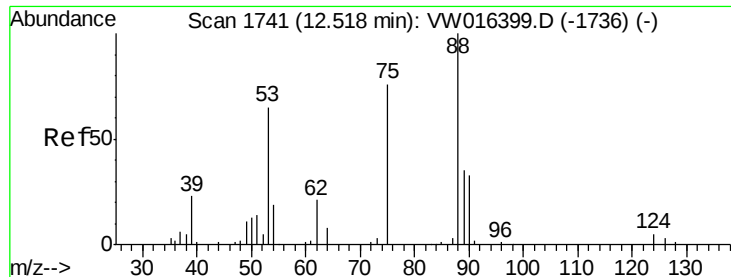
120 48.1 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

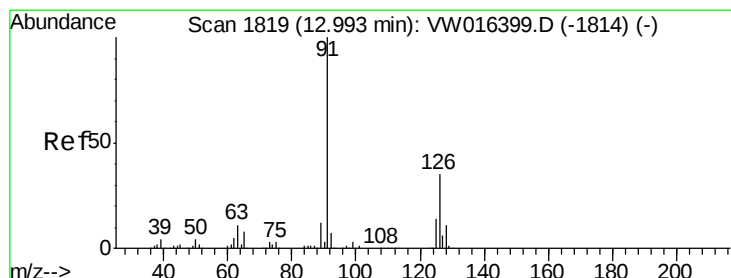
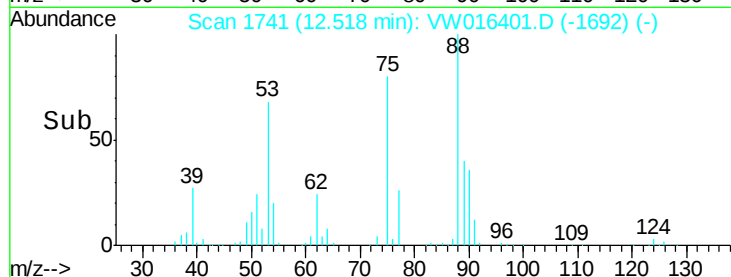
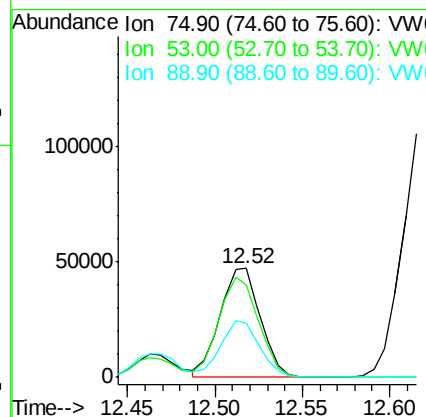
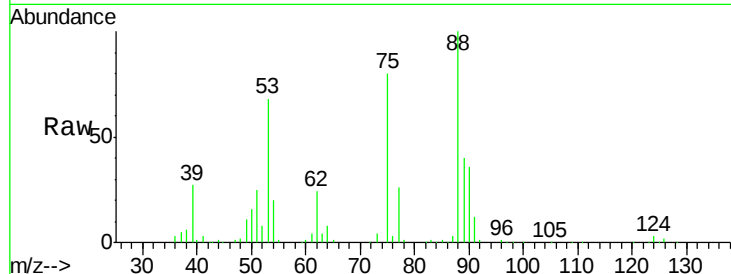




#81
trans-1,4-Dichloro-2-butene
Concen: 167.796 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

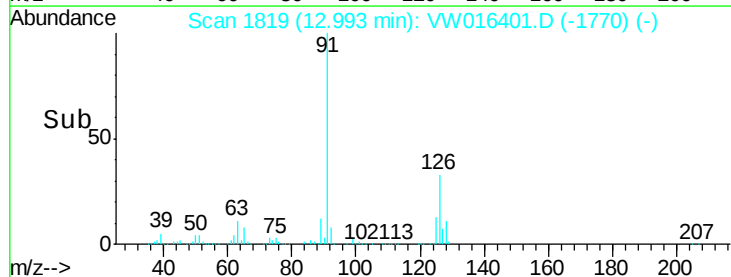
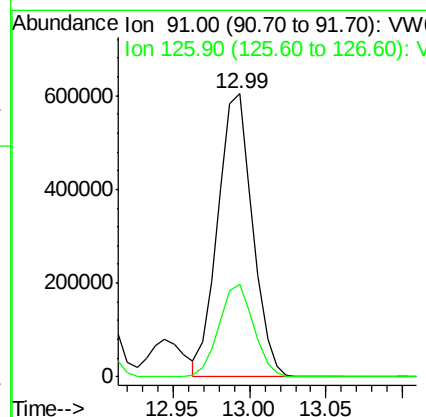
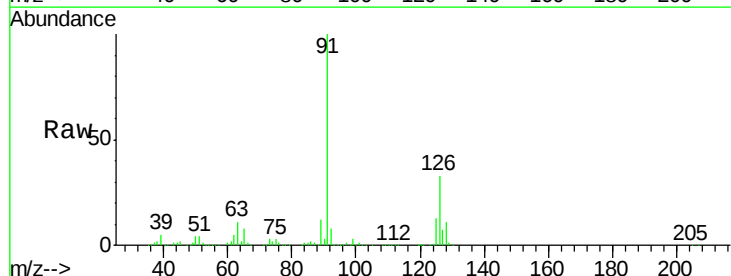
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

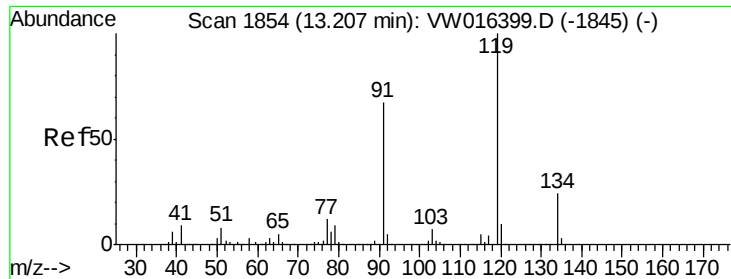
Tgt Ion: 75 Resp: 75575
Ion Ratio Lower Upper
75 100
53 90.7 75.2 112.8
89 50.1 40.4 60.6



#82
4-Chlorotoluene
Concen: 147.693 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion: 91 Resp: 950536
Ion Ratio Lower Upper
91 100
126 32.8 17.0 50.9

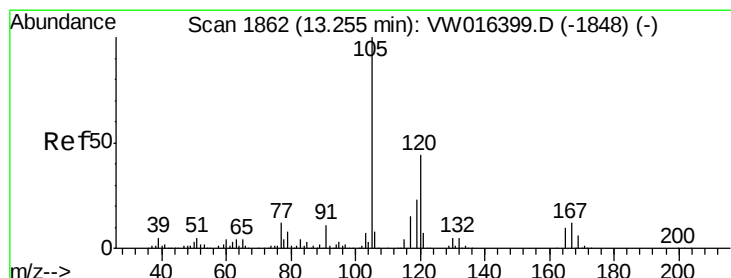
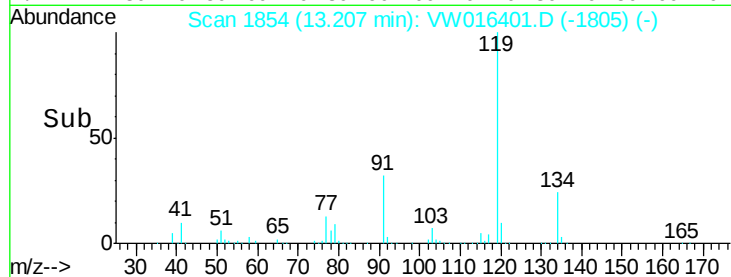
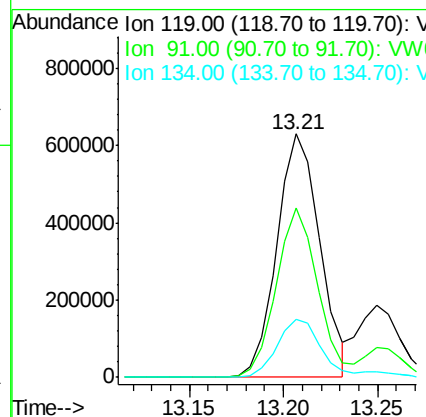
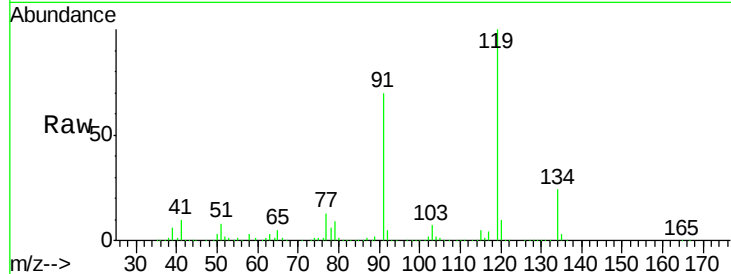




#83
 tert-Butylbenzene
 Concen: 156.711 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

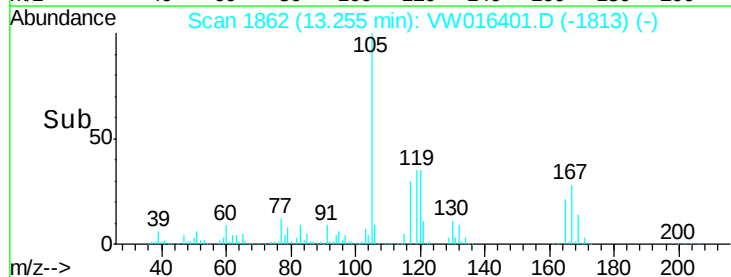
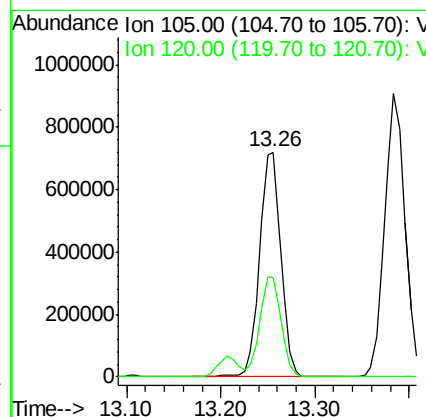
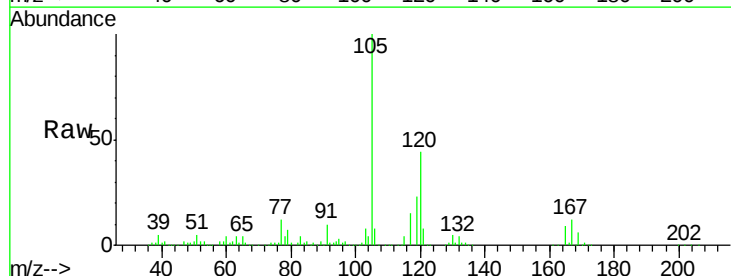
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

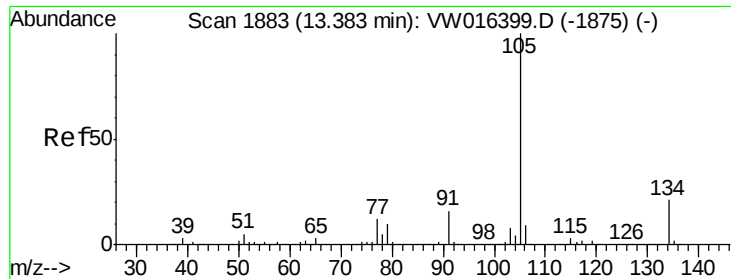
Tgt Ion:119 Resp: 994326
 Ion Ratio Lower Upper
 119 100
 91 67.8 34.1 102.3
 134 25.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 150.868 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion:105 Resp: 1152152
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.1

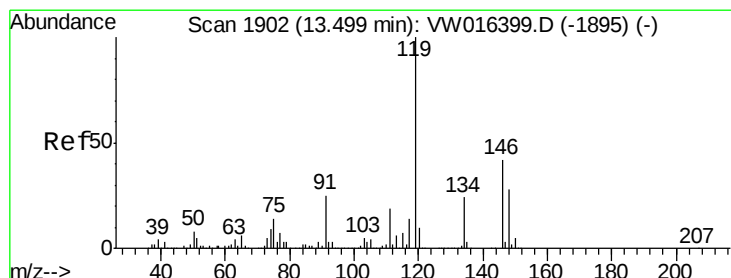
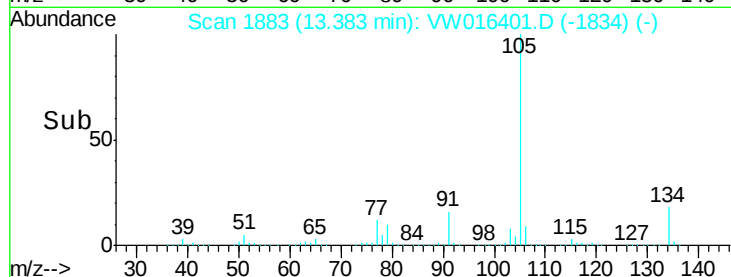
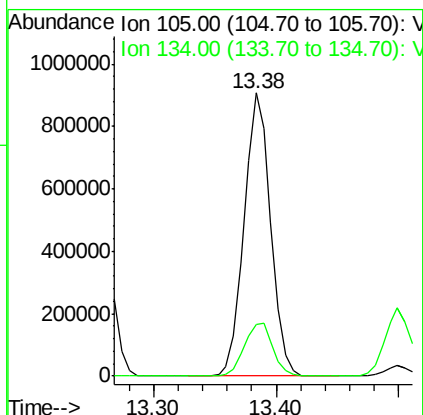
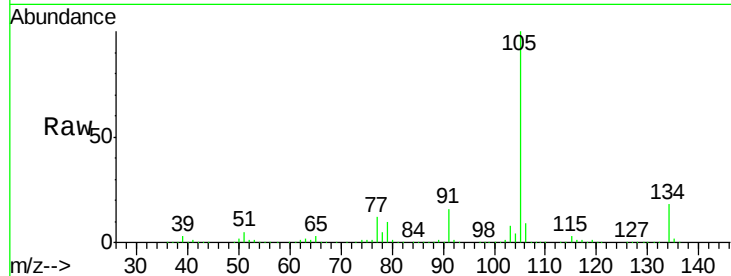




#85
 sec-Butylbenzene
 Concen: 148.357 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

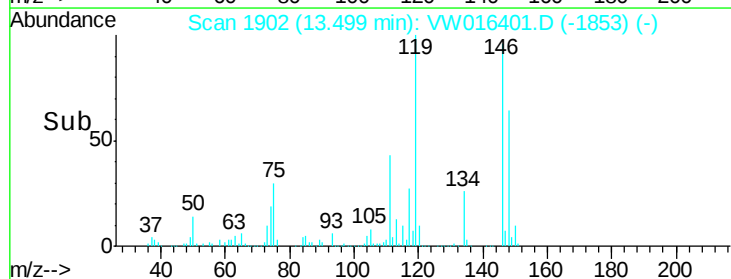
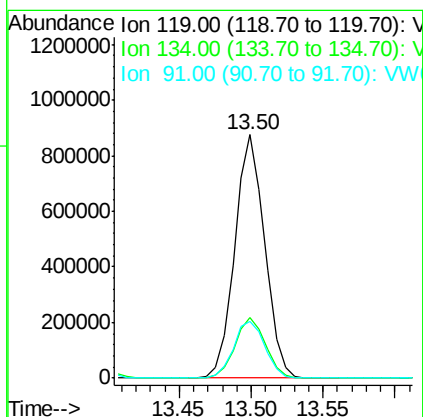
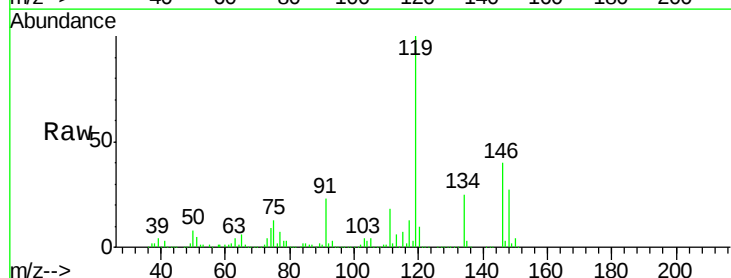
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

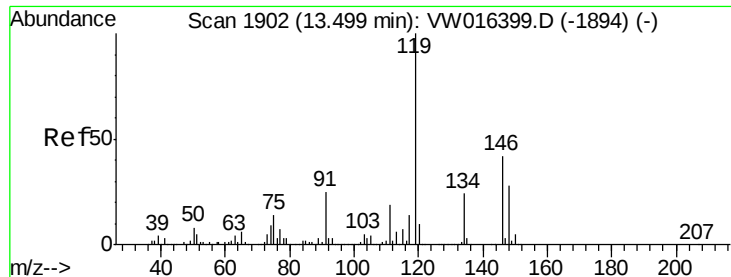
Tgt Ion:105 Resp: 1360038
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 151.257 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016401.D
 Acq: 28 Aug 2020 14:31

Tgt Ion:119 Resp: 1263419
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.6
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 144.117 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

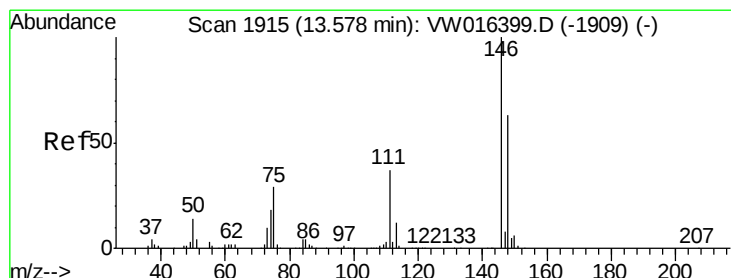
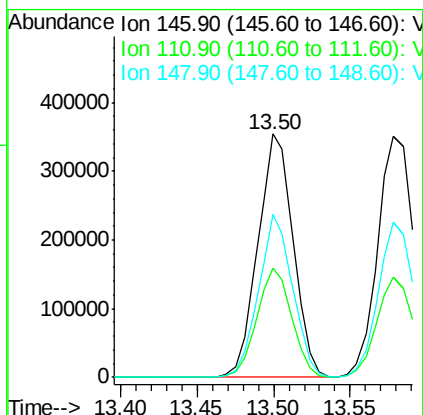
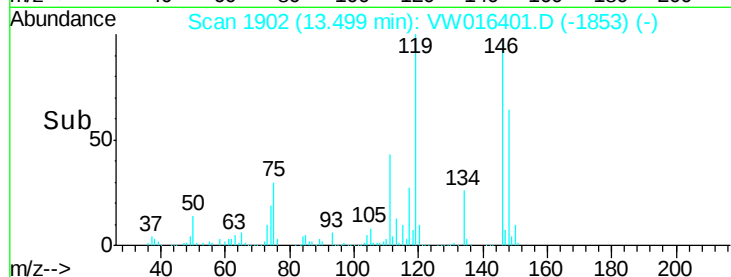
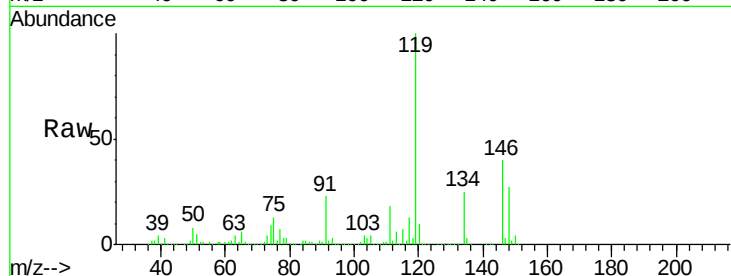
Tgt Ion:146 Resp: 569720

Ion Ratio Lower Upper

146 100

111 44.1 22.6 67.8

148 64.5 33.6 100.8



#88

1,4-Dichlorobenzene

Concen: 146.922 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

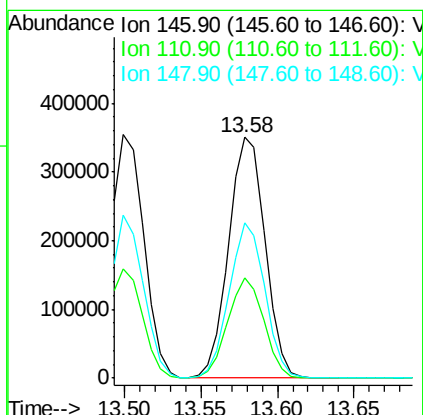
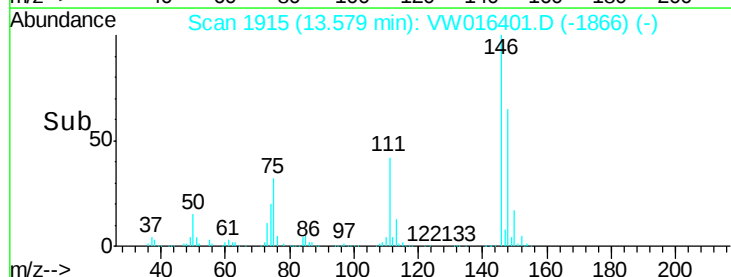
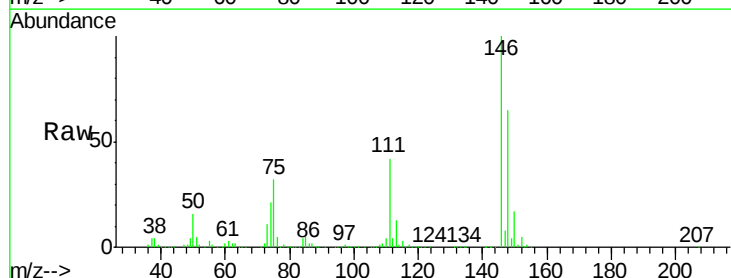
Tgt Ion:146 Resp: 578204

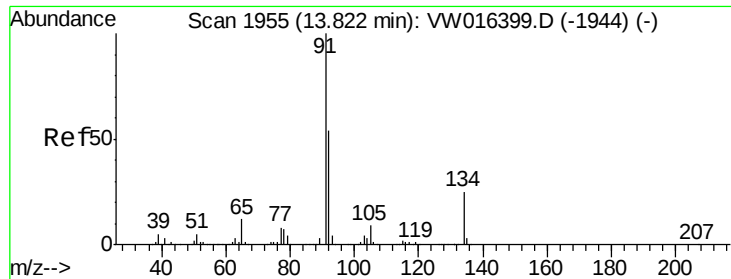
Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 63.1 32.0 96.2





#89

n-Butylbenzene

Concen: 151.453 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

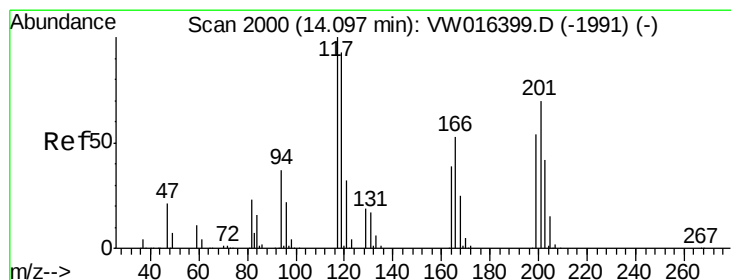
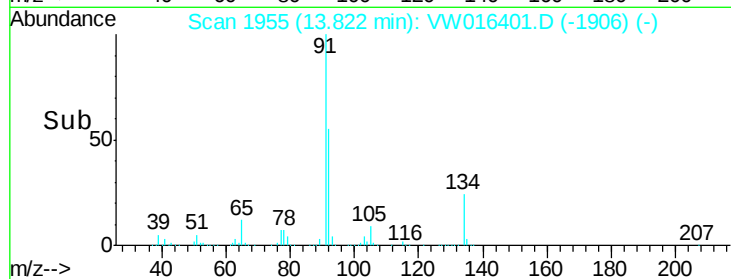
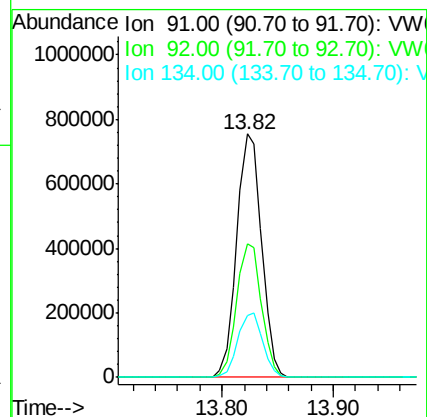
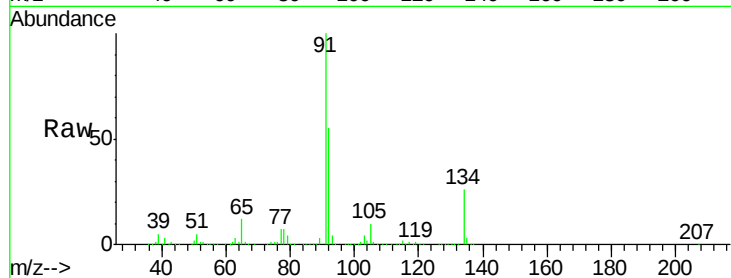
Tgt Ion: 91 Resp: 1164567

Ion Ratio Lower Upper

91 100

92 54.9 26.8 80.4

134 26.5 13.2 39.6



#90

Hexachloroethane

Concen: 154.460 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016401.D

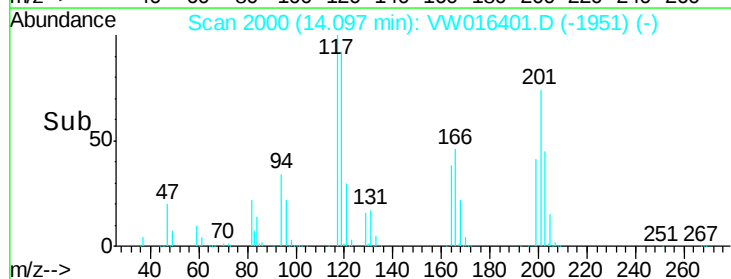
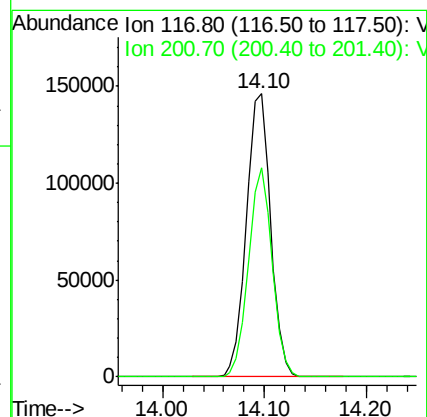
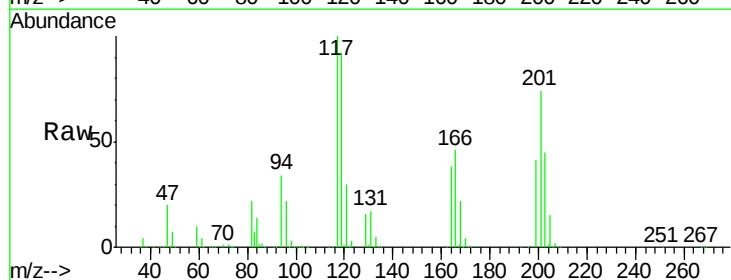
Acq: 28 Aug 2020 14:31

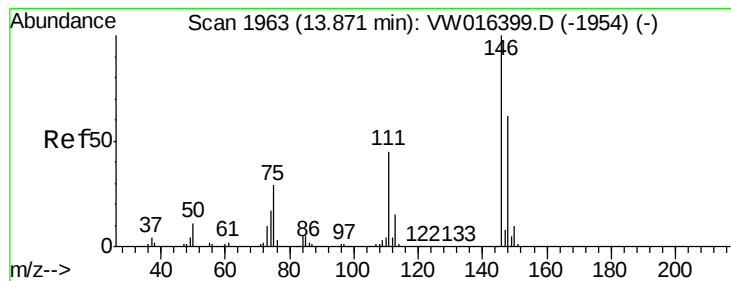
Tgt Ion: 117 Resp: 240983

Ion Ratio Lower Upper

117 100

201 72.2 35.9 107.7





#91

1,2-Dichlorobenzene

Concen: 147.974 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

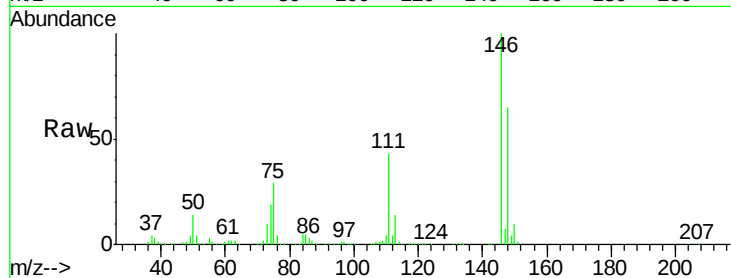
Tgt Ion:146 Resp: 515800

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.8

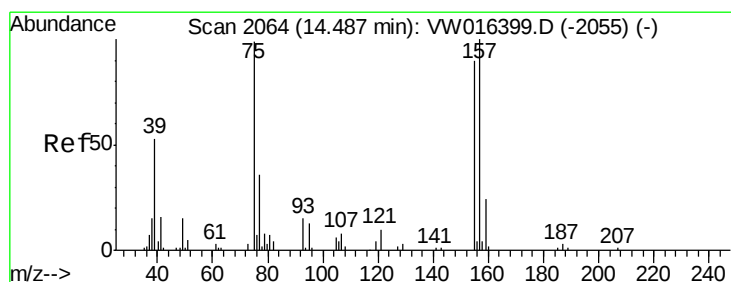
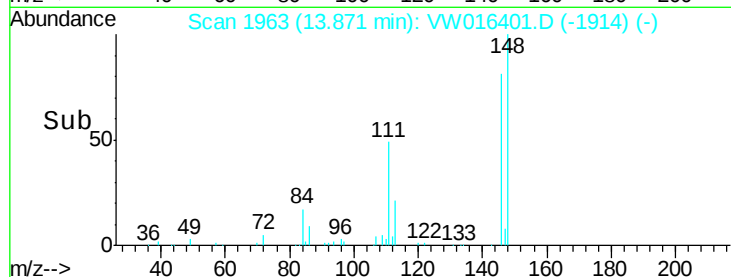
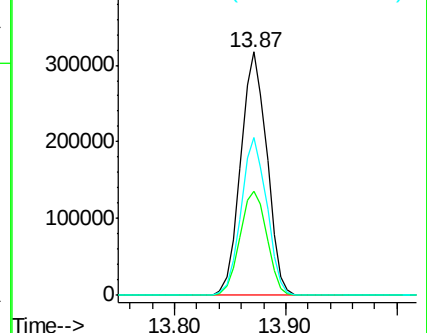
148 63.9 32.0 96.0



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: 174.397 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016401.D

Acq: 28 Aug 2020 14:31

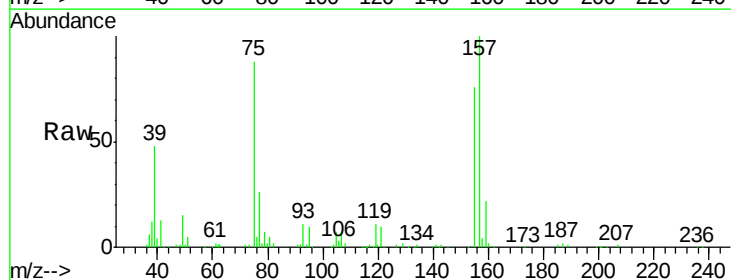
Tgt Ion: 75 Resp: 40953

Ion Ratio Lower Upper

75 100

155 88.1 41.4 124.4

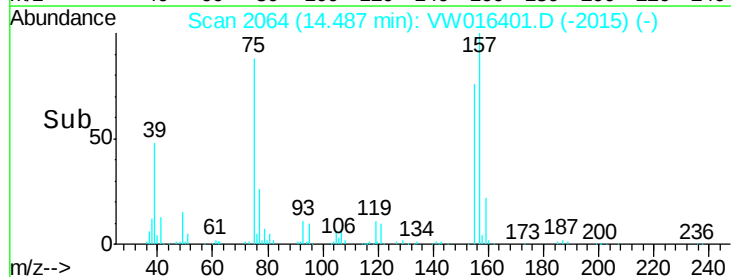
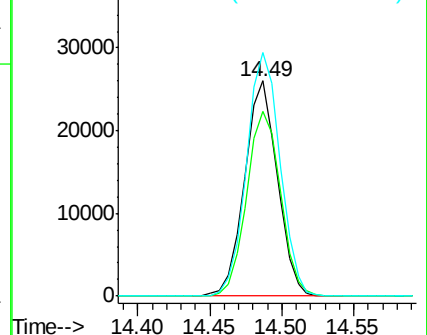
157 115.5 52.1 156.4

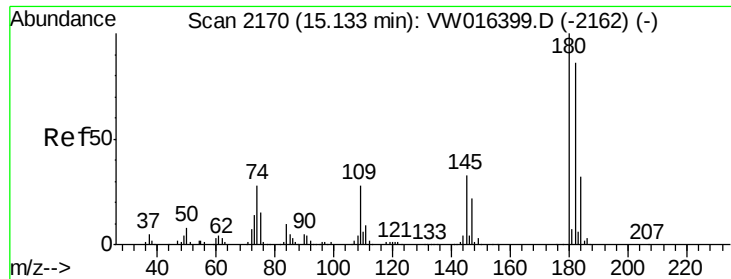


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

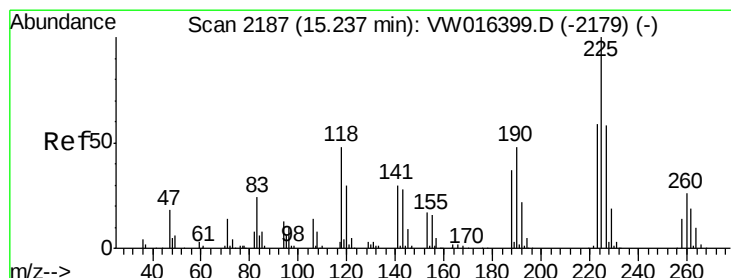
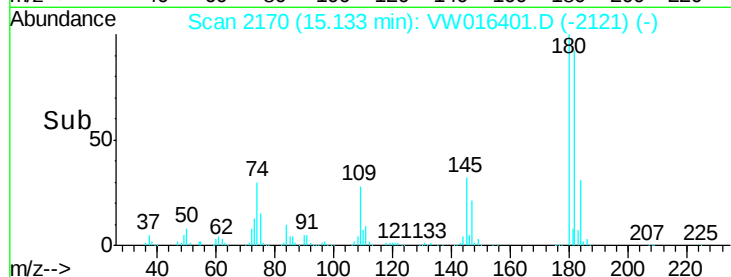
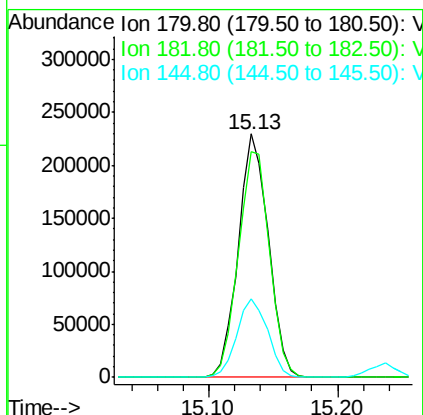
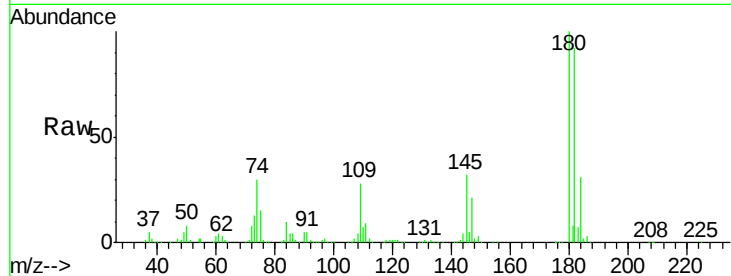




#93
1,2,4-Trichlorobenzene
Concen: 176.009 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

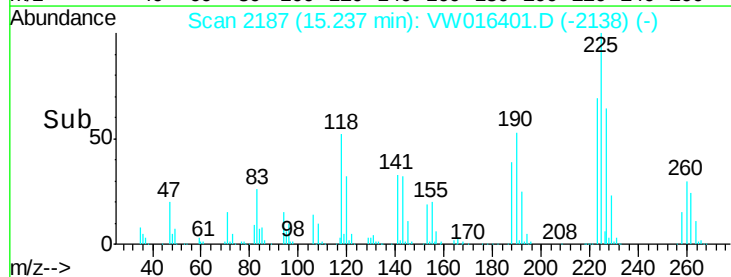
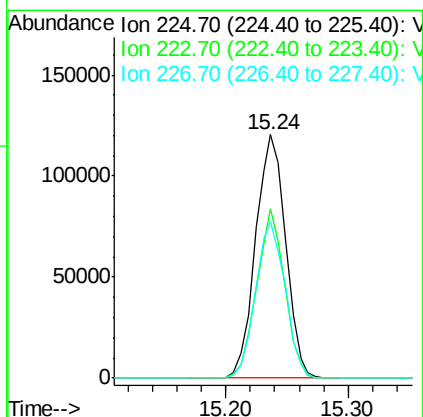
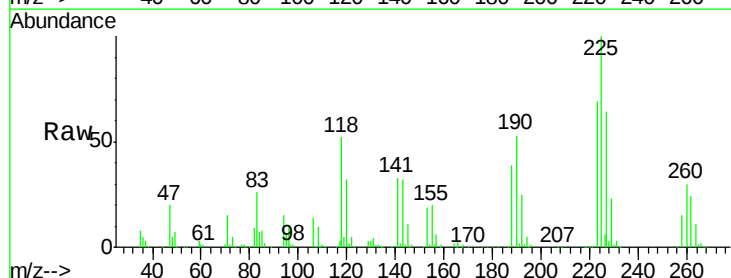
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

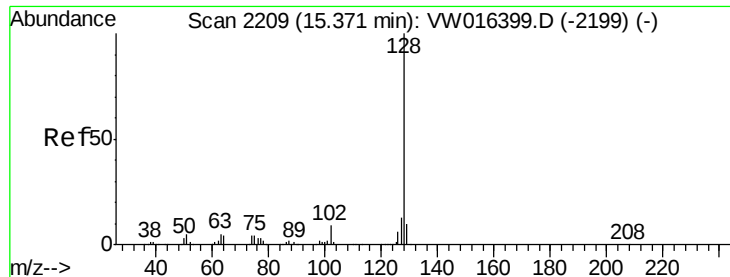
Tgt Ion:180 Resp: 370781
Ion Ratio Lower Upper
180 100
182 95.6 44.9 134.7
145 33.2 17.1 51.2



#94
Hexachlorobutadiene
Concen: 162.038 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion:225 Resp: 206598
Ion Ratio Lower Upper
225 100
223 64.6 30.5 91.5
227 63.5 30.7 92.1

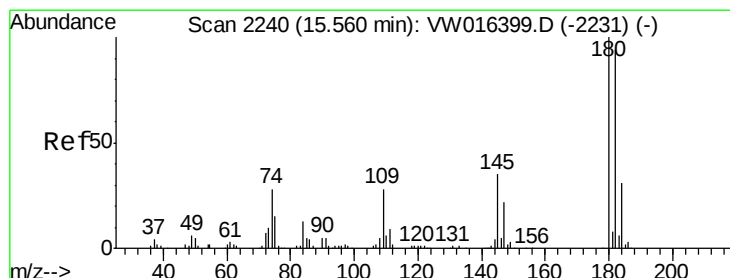
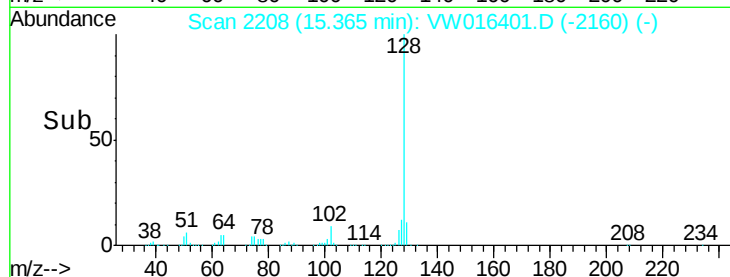
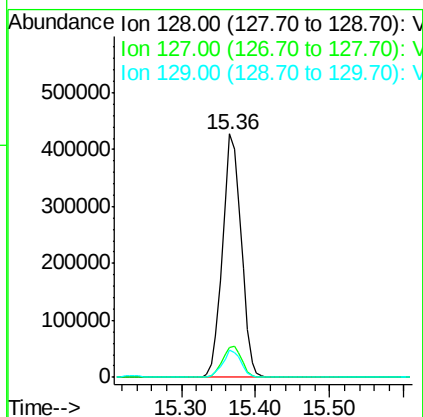
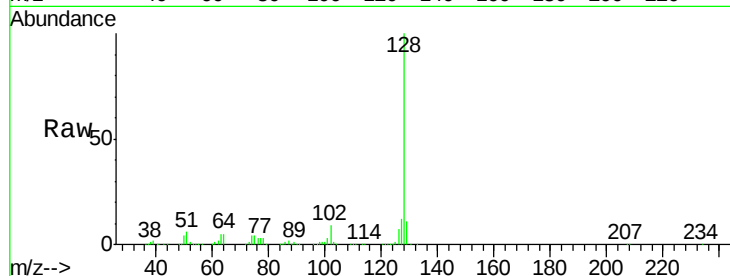




#95
Naphthalene
Concen: 193.562 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 745718
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 179.153 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016401.D
Acq: 28 Aug 2020 14:31

Tgt Ion:180 Resp: 323592
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.5
145 36.7 18.1 54.3

