

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010396.D
 Acq On : 11 May 2019 22:19
 Operator : SY/VA
 Sample : K2734-13
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

Quant Time: May 12 00:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.62	117	494	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	196	202.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	405.18%	
35) Dibromofluoromethane	7.88	113	100	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
50) Toluene-d8	10.33	98	458	56.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.40%	
62) 4-Bromofluorobenzene	12.71	95	86	29.98	ug/l	0.09
Spiked Amount				50.000		
			Recovery	=	59.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	65	92.761	ug/l #	42
3) Chloromethane	2.21	50	1471	1579.145	ug/l #	84
4) Vinyl Chloride	2.38	62	203	175.352	ug/l #	13
5) Bromomethane	2.77	94	464	695.040	ug/l #	3
6) Chloroethane	2.95	64	74	110.531	ug/l	98
7) Trichlorofluoromethane	3.27	101	27	46.589	ug/l #	19
8) Diethyl Ether	3.72	74	210	412.184	ug/l	49
9) 1,1,2-Trichlorotrifluoroet	3.98	101	19	20.008	ug/l #	19
11) Tert butyl alcohol	5.17	59	259	3790.833	ug/l #	71
12) 1,1-Dichloroethene	4.01	96	72	72.559	ug/l #	1
13) Acrolein	3.90	56	139	1540.952	ug/l	97
14) Allyl chloride	4.67	41	335	226.165	ug/l #	79
15) Acrylonitrile	5.35	53	60	212.473	ug/l #	37
16) Acetone	4.13	43	13720	54399.537	ug/l #	89
17) Carbon Disulfide	4.38	76	44	14.661	ug/l #	74
18) Methyl Acetate	4.68	43	353	565.072	ug/l	99
19) Methyl tert-butyl Ether	5.41	73	66	55.873	ug/l #	16
20) Methylene Chloride	4.92	84	2627	2497.275	ug/l #	56
21) trans-1,2-Dichloroethene	5.41	96	107	100.176	ug/l #	1
22) Diisopropyl ether	6.30	45	25	8.697	ug/l #	10
23) Vinyl Acetate	6.24	43	110	55.727	ug/l #	76
24) 1,1-Dichloroethane	6.02	63	40	20.667	ug/l #	84
25) 2-Butanone	7.18	43	492	1275.177	ug/l #	51
26) 2,2-Dichloropropane	7.13	77	46	47.770	ug/l #	53
27) cis-1,2-Dichloroethene	7.18	96	64	58.264	ug/l #	1
28) Bromochloromethane	7.43	49	39	54.656	ug/l #	18
29) Tetrahydrofuran	7.54	42	240	961.709	ug/l #	55
30) Chloroform	7.68	83	62	34.230	ug/l #	19
31) Cyclohexane	7.96	56	20	10.092	ug/l #	18
32) 1,1,1-Trichloroethane	8.00	97	38	27.085	ug/l #	23
36) 1,1-Dichloropropene	7.87	75	28	7.551	ug/l #	42
37) Ethyl Acetate	7.27	43	370	187.399	ug/l #	71
38) Carbon Tetrachloride	8.28	117	95	29.886	ug/l #	13
39) Methylcyclohexane	9.26	83	21	4.629	ug/l #	15

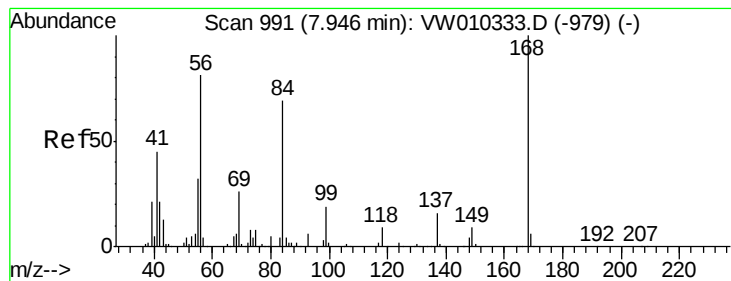
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010396.D
 Acq On : 11 May 2019 22:19
 Operator : SY/VA
 Sample : K2734-13
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

Quant Time: May 12 00:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	692	68.141	ug/l #	51
41) Methacrylonitrile	7.49	41	267	241.136	ug/l #	21
42) 1,2-Dichloroethane	8.33	62	58	19.953	ug/l #	77
43) Isopropyl Acetate	8.38	43	256	78.181	ug/l #	53
45) 1,2-Dichloropropane	9.38	63	37	14.657	ug/l #	45
46) Dibromomethane	9.46	93	58	44.475	ug/l #	5
47) Bromodichloromethane	9.62	83	23	7.352	ug/l #	25
48) Methyl methacrylate	9.41	41	199	128.532	ug/l #	17
51) 4-Methyl-2-Pentanone	10.20	43	245	130.486	ug/l #	53
52) Toluene	10.38	92	284	45.753	ug/l	98
53) t-1,3-Dichloropropene	10.68	75	25	7.890	ug/l #	41
54) cis-1,3-Dichloropropene	10.16	75	23	6.129	ug/l #	79
55) 1,1,2-Trichloroethane	10.79	97	98	52.908	ug/l #	15
56) Ethyl methacrylate	10.66	69	48	19.624	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	22	6.644	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.79	63	20	17.078	ug/l #	48
59) 2-Hexanone	10.72	43	186	140.110	ug/l	72
64) Tetrachloroethene	10.75	164	25	7.241	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.65	131	55	15.913	ug/l #	1
67) Ethyl Benzene	11.73	91	401	21.316	ug/l #	45
68) m/p-Xylenes	11.84	106	30	4.292	ug/l #	1
69) o-Xylene	12.12	106	27	4.270	ug/l #	1
70) Styrene	12.19	104	41	3.722	ug/l #	1
73) Isopropylbenzene	12.47	105	123	5.759	ug/l #	49
74) N-amyl acetate	12.27	43	201	36.429	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.93	83	42	8.925	ug/l #	54
76) 1,2,3-Trichloropropane	12.77	75	73	21.369	ug/l #	100
78) n-propylbenzene	12.82	91	81	3.071	ug/l	87
79) 2-Chlorotoluene	12.93	91	40	2.663	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.91	105	23	1.277	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.61	75	192	126.925	ug/l #	5
82) 4-Chlorotoluene	12.98	91	21	1.334	ug/l #	42
83) tert-Butylbenzene	13.21	119	23	1.532	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.27	105	142	7.937	ug/l #	60
85) sec-Butylbenzene	13.27	105	142	6.405	ug/l #	57
86) p-Isopropyltoluene	13.49	119	70	3.556	ug/l #	64
87) 1,3-Dichlorobenzene	13.59	146	238	24.716	ug/l #	25
88) 1,4-Dichlorobenzene	13.59	146	238	24.906	ug/l #	25
89) n-Butylbenzene	13.83	91	20	1.013	ug/l #	33
91) 1,2-Dichlorobenzene	13.88	146	121	14.195	ug/l #	50
92) 1,2-Dibromo-3-Chloropropan	14.54	75	55	64.906	ug/l #	7
95) Naphthalene	15.37	128	597	45.286	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.55	180	28	5.328	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

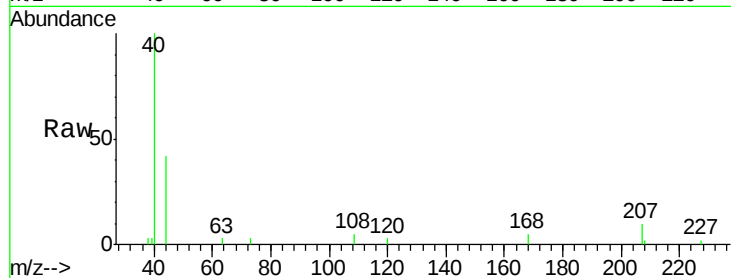
P026-SS013-0612-01

Tot Ion:168 Resp: 91

Ion Ratio Lower Upper

168 100

99 0.0 48.4 72.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

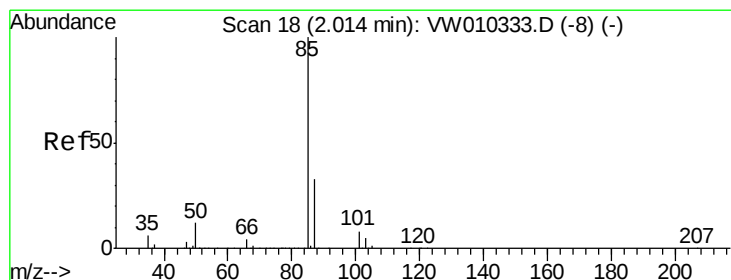
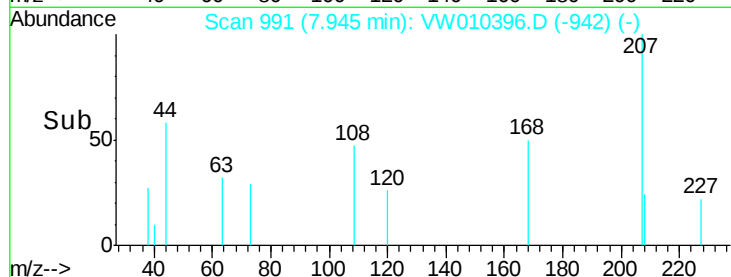
100

50

0

7.93 7.94 7.95 7.96 7.97

Time-->



#2

Dichlorodifluoromethane

Concen: 92.761 ug/l

RT: 2.03 min Scan# 21

Delta R.T. 0.02 min

Lab File: VW010396.D

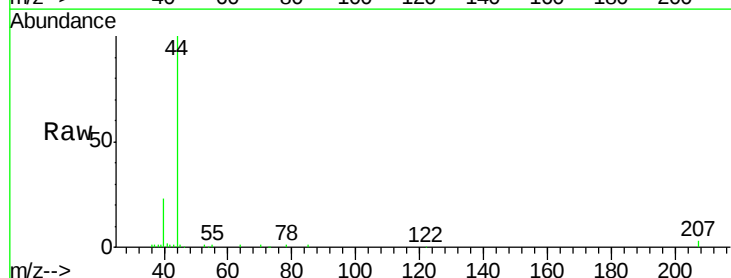
Acq: 11 May 2019 22:19

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

85 100

87 0.0 16.3 48.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.03

100

80

60

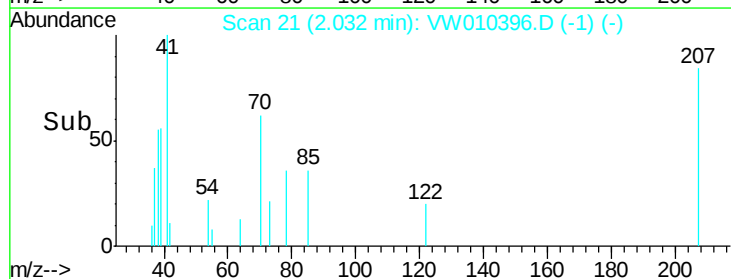
40

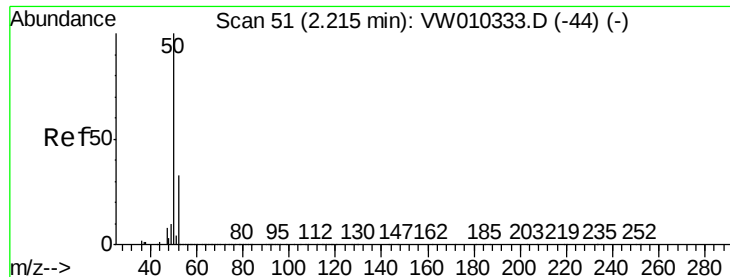
20

0

2.00 2.02 2.04

Time-->





#3

Chloromethane

Concen: 1579.145 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

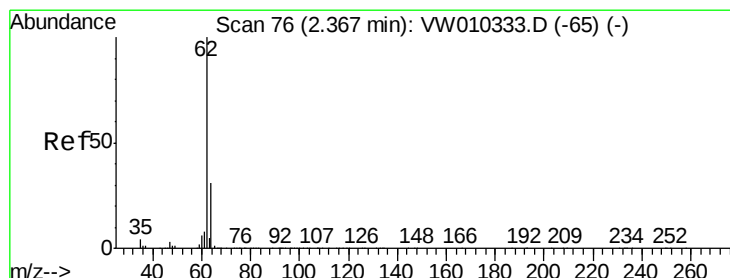
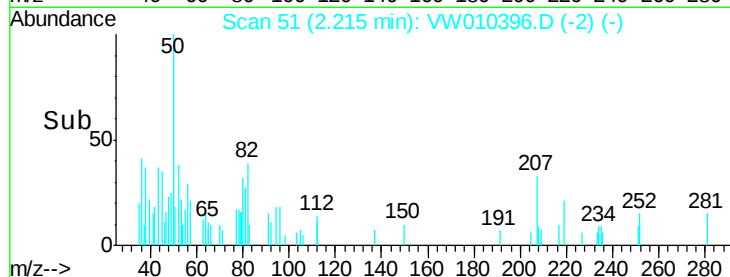
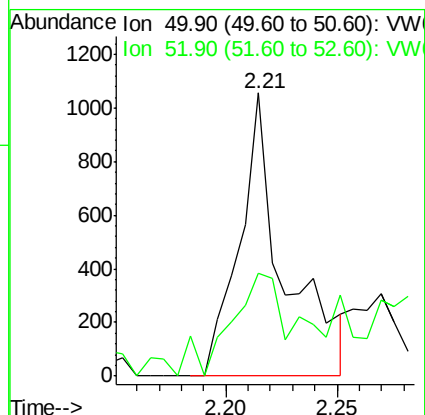
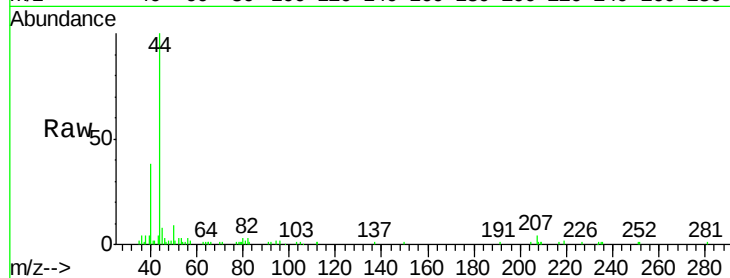
P026-SS013-0612-01

Tot Ion: 50 Resp: 1471

Ion Ratio Lower Upper

50 100

52 22.3 25.0 37.6#



#4

Vinyl Chloride

Concen: 175.352 ug/l

RT: 2.38 min Scan# 78

Delta R.T. 0.01 min

Lab File: VW010396.D

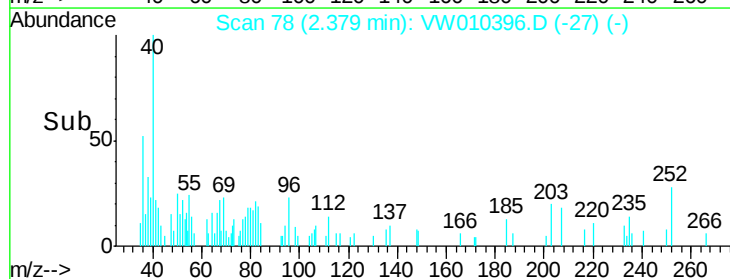
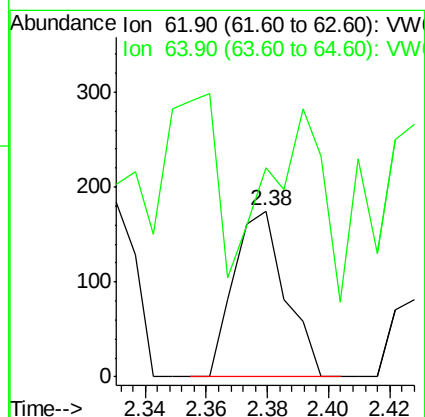
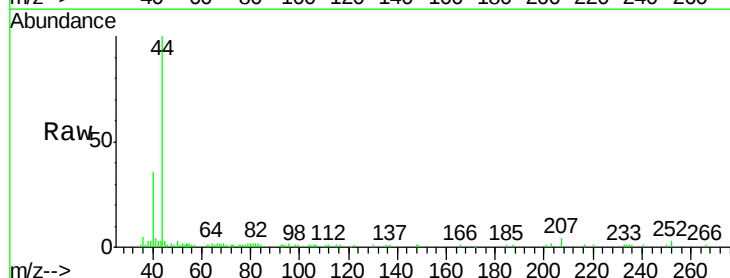
Acq: 11 May 2019 22:19

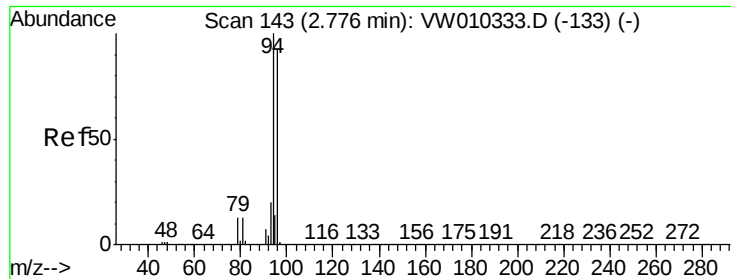
Tgt Ion: 62 Resp: 203

Ion Ratio Lower Upper

62 100

64 81.1 25.9 38.9#





#5

Bromomethane

Concen: 695.040 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

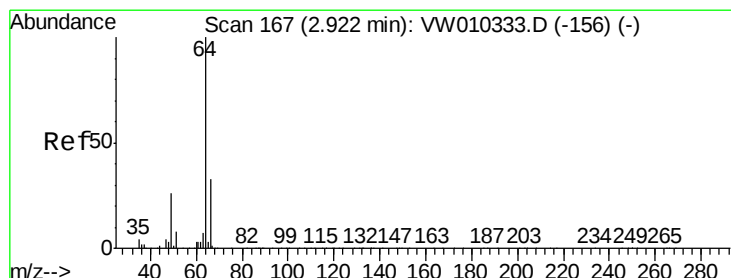
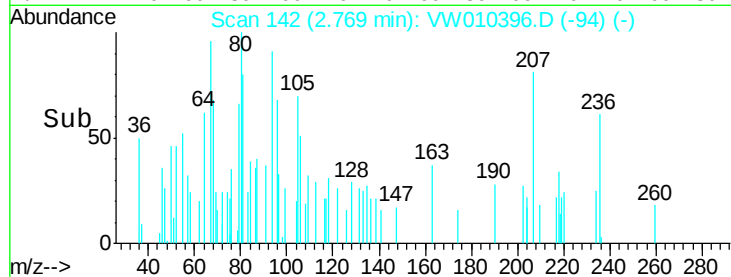
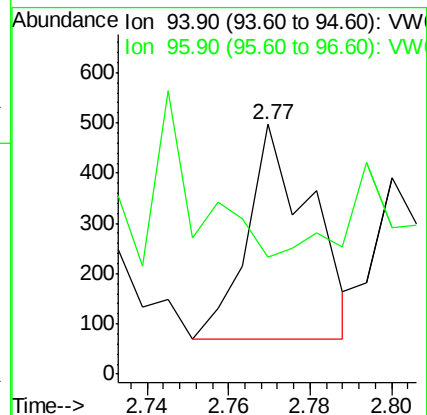
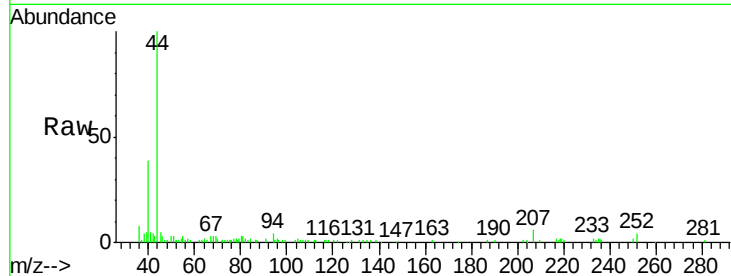
P026-SS013-0612-01

Tot Ion: 94 Resp: 464

Ion Ratio Lower Upper

94 100

96 0.0 74.2 111.2#



#6

Chloroethane

Concen: 110.531 ug/l

RT: 2.95 min Scan# 171

Delta R.T. 0.02 min

Lab File: VW010396.D

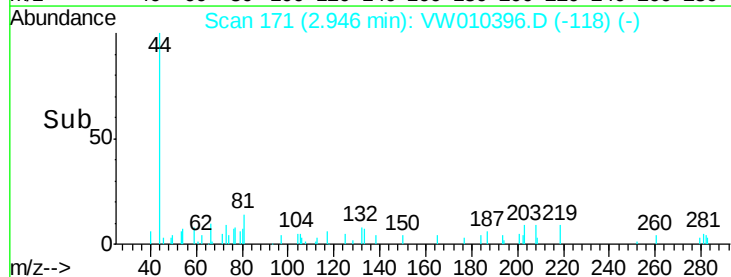
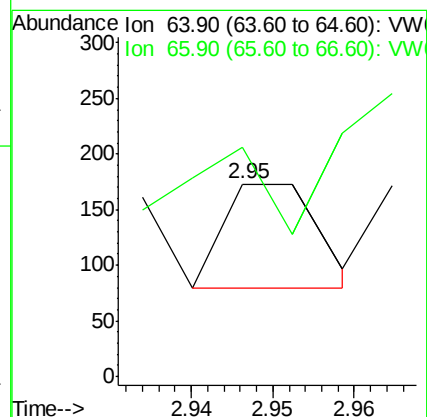
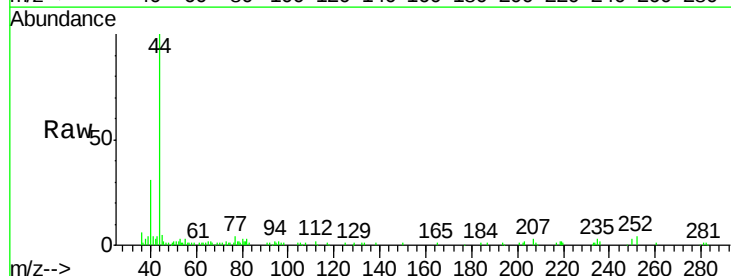
Acq: 11 May 2019 22:19

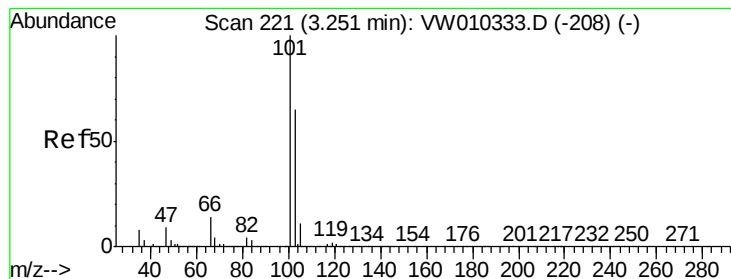
Tgt Ion: 64 Resp: 74

Ion Ratio Lower Upper

64 100

66 30.1 23.4 35.0



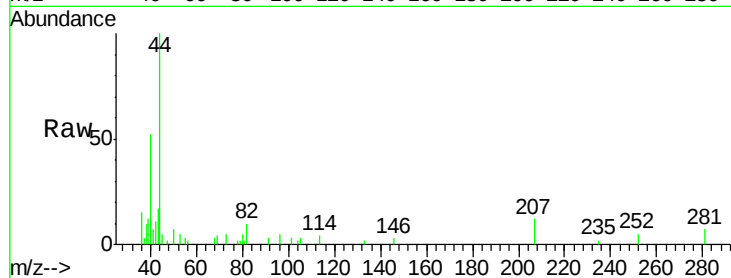


#7

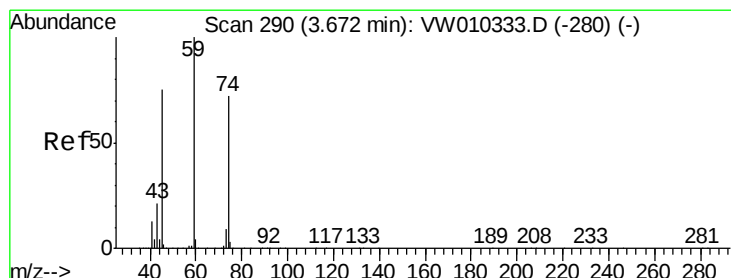
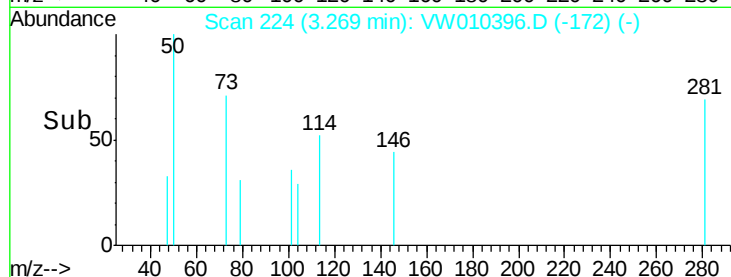
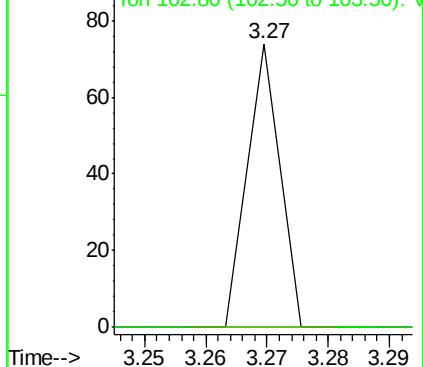
Trichlorofluoromethane
Concen: 46.589 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.02 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

Tot Ion:101 Resp: 27
Ion Ratio Lower Upper
101 100
103 0.0 49.8 74.6#



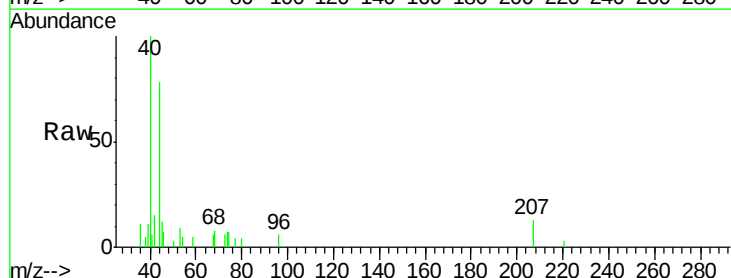
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



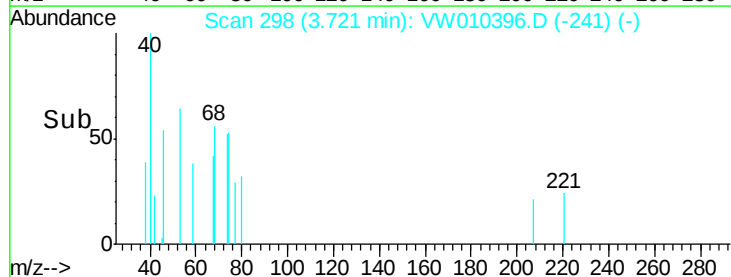
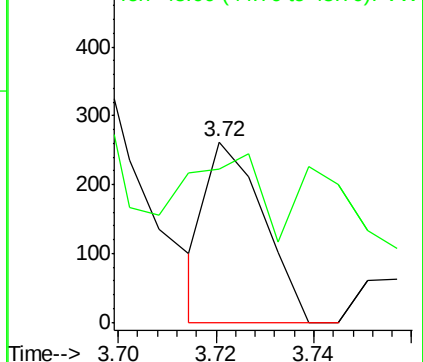
#8

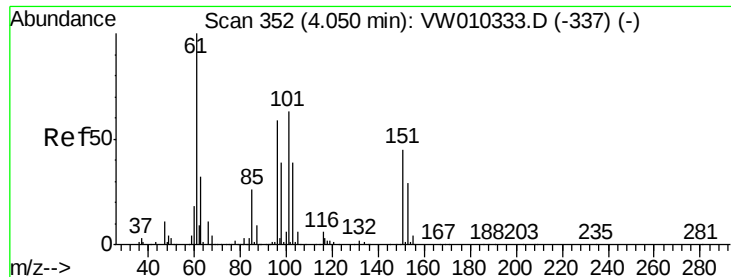
Diethyl Ether
Concen: 412.184 ug/l
RT: 3.72 min Scan# 298
Delta R.T. 0.05 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion: 74 Resp: 210
Ion Ratio Lower Upper
74 100
45 57.6 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.008 ug/l

RT: 3.98 min Scan# 341

Delta R.T. -0.07 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

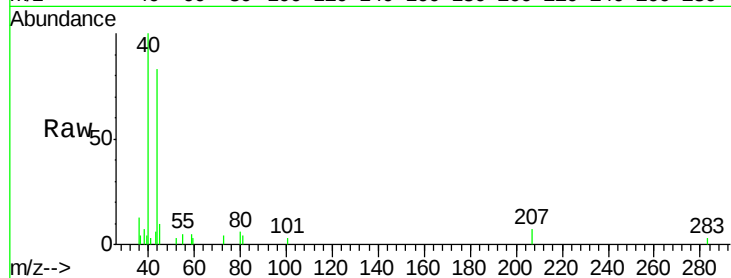
Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

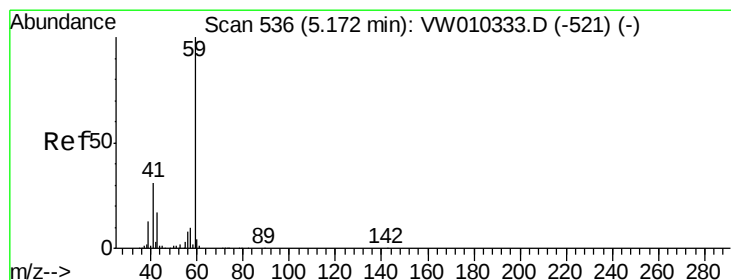
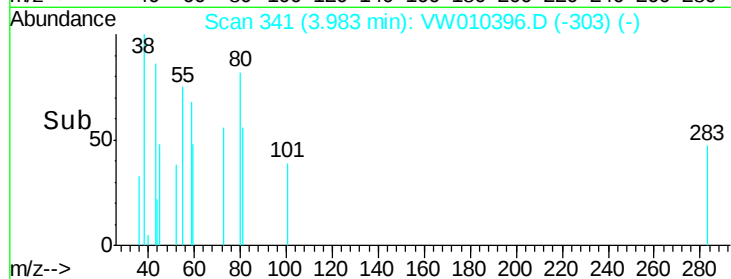
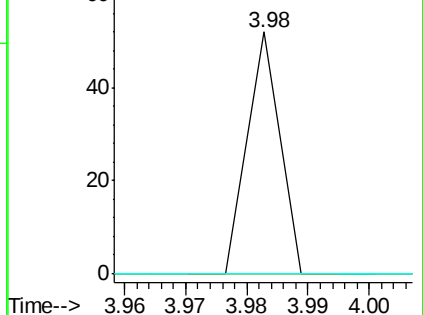
Tot Ion:	101	Resp:	19
Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.3	54.5#
151	0.0	60.2	90.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 3790.833 ug/l

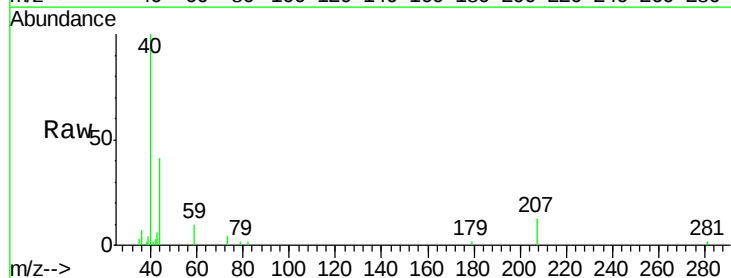
RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010396.D

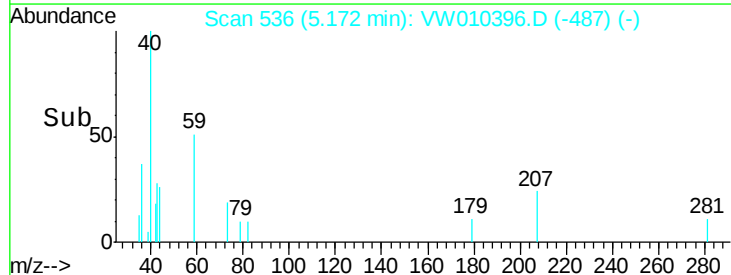
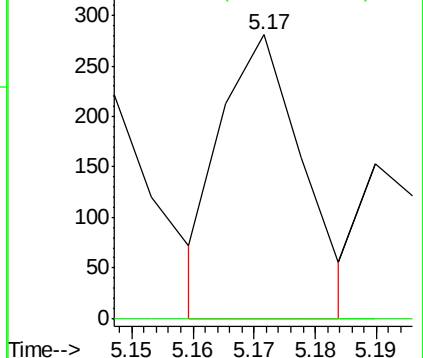
Acq: 11 May 2019 22:19

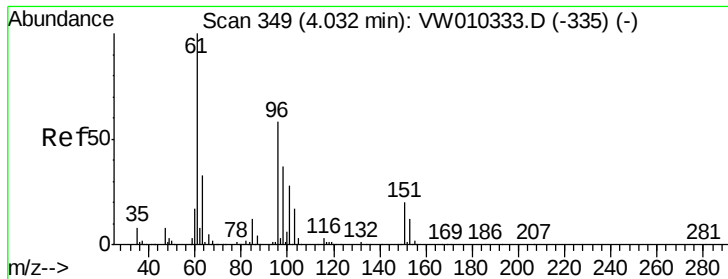
Tgt Ion:	59	Resp:	259
Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 72.559 ug/l

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

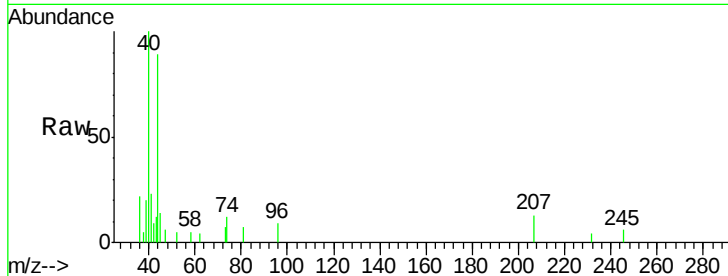
Tot Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 0.0 147.4 221.2#

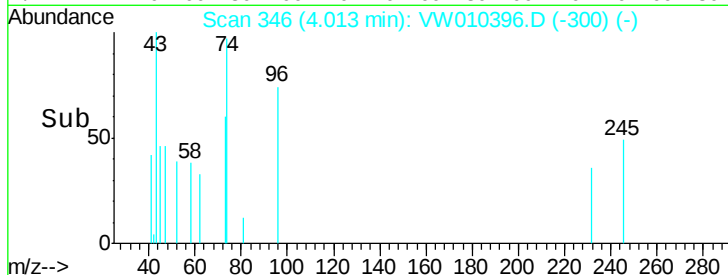
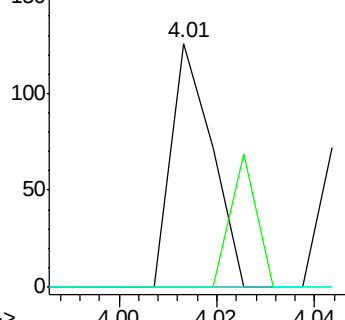
98 0.0 49.7 74.5#



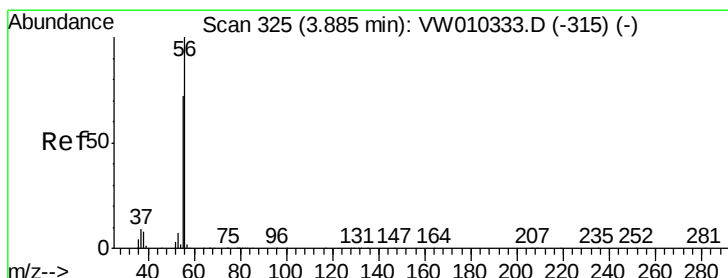
Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->



#13

Acrolein

Concen: 1540.952 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010396.D

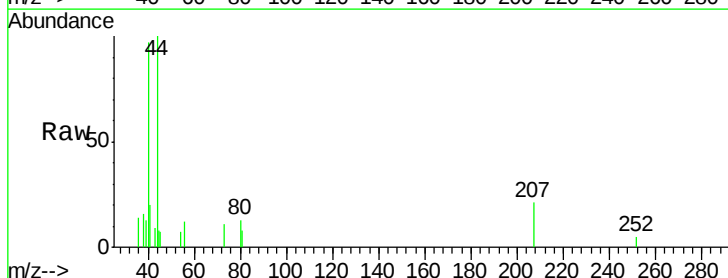
Acq: 11 May 2019 22:19

Tgt Ion: 56 Resp: 139

Ion Ratio Lower Upper

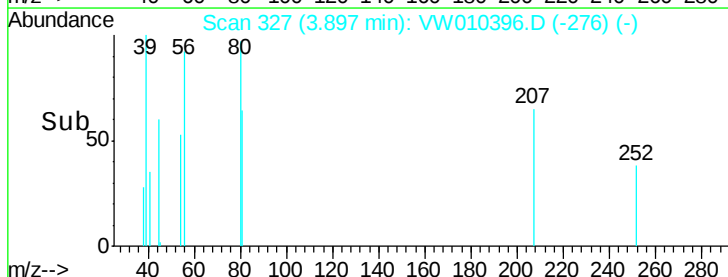
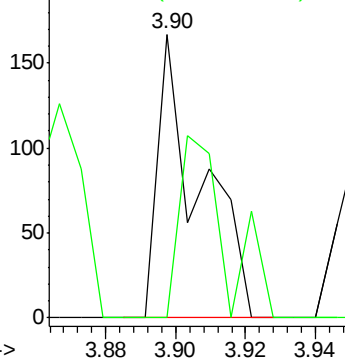
56 100

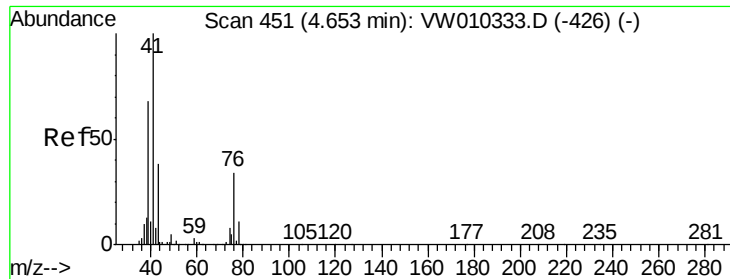
55 70.5 54.2 81.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

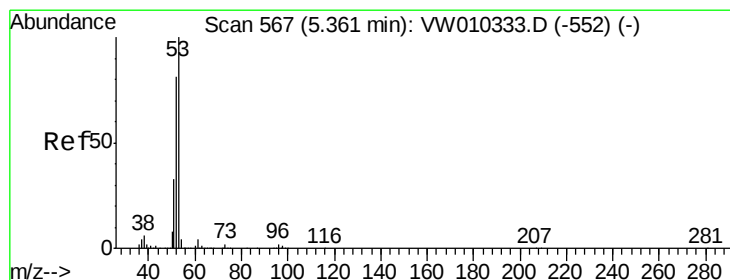
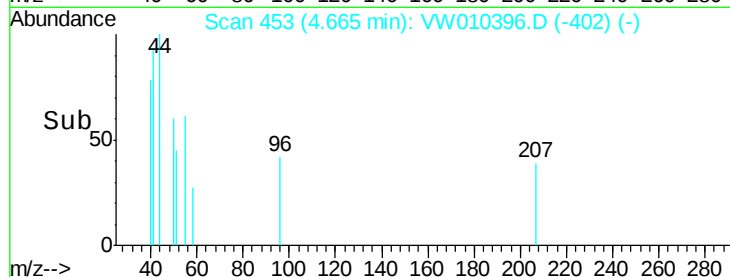
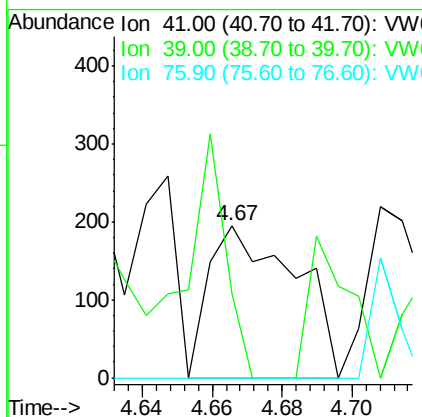
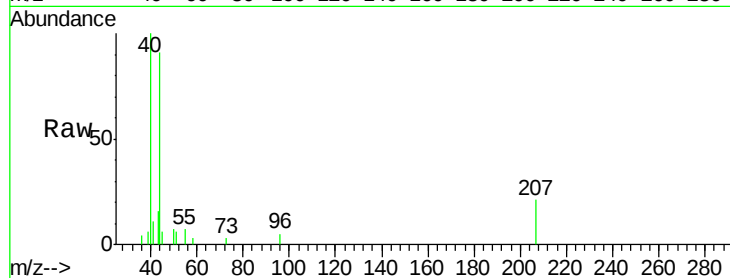




#14
Allvl chloride
Concen: 226.165 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

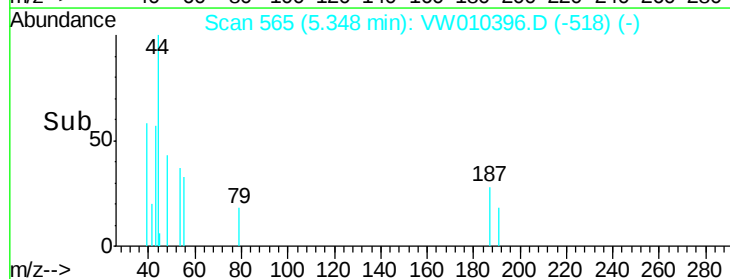
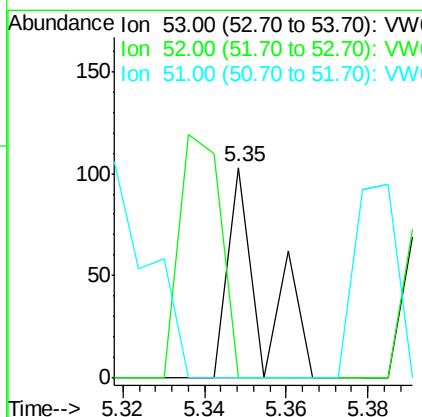
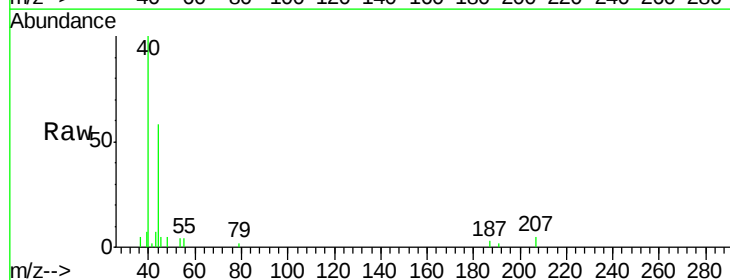
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

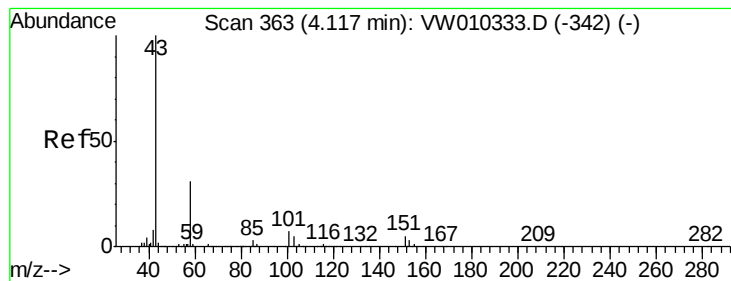
Tot Ion: 41 Resp: 335
Ion Ratio Lower Upper
41 100
39 69.9 60.2 90.4
76 0.0 25.0 37.6#



#15
Acrylonitrile
Concen: 212.473 ug/l
RT: 5.35 min Scan# 565
Delta R.T. -0.01 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion: 53 Resp: 60
Ion Ratio Lower Upper
53 100
52 140.0 66.6 100.0#
51 0.0 30.3 45.5#





#16

Acetone

Concen: 54399.537 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

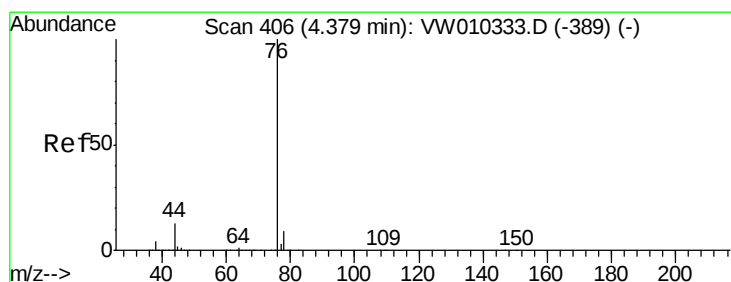
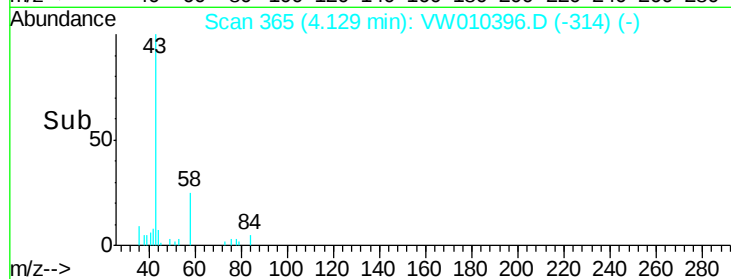
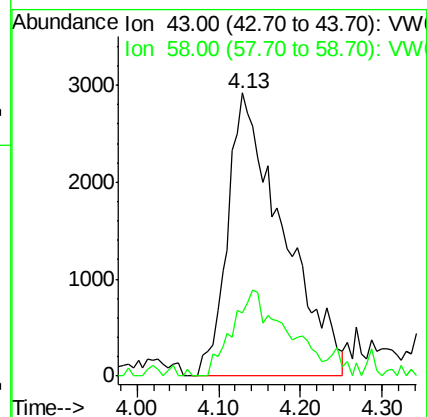
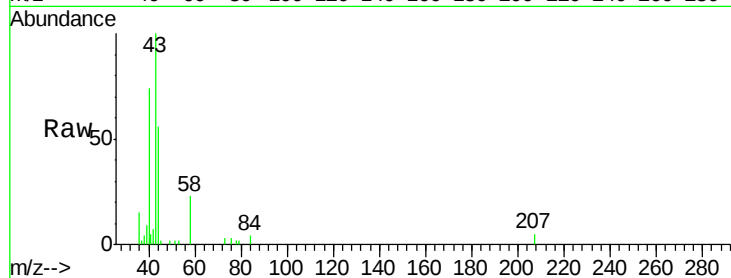
P026-SS013-0612-01

Tot Ion: 43 Resp: 13720

Ion Ratio Lower Upper

43 100

58 22.5 22.7 34.1#



#17

Carbon Disulfide

Concen: 14.661 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW010396.D

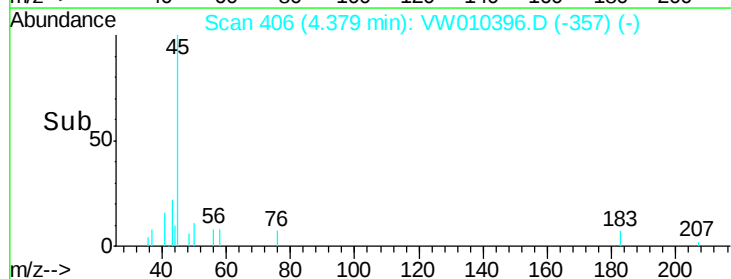
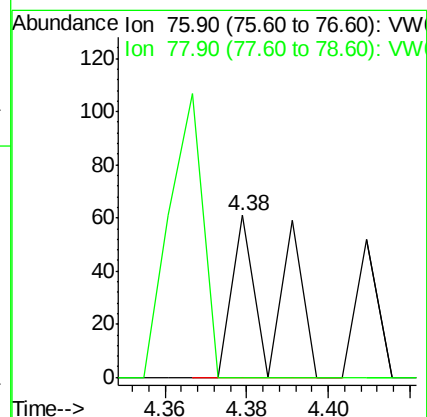
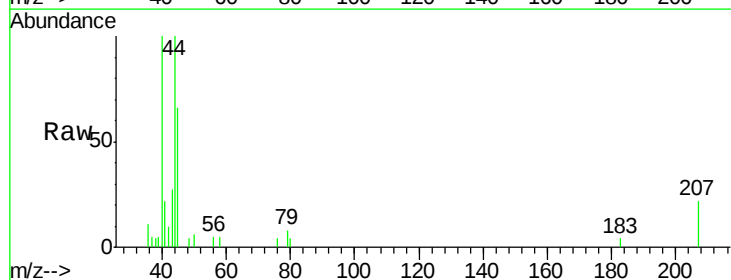
Acq: 11 May 2019 22:19

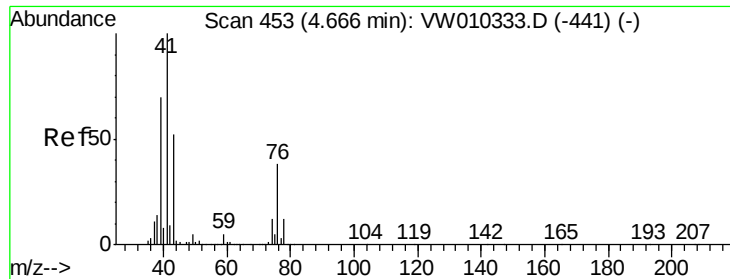
Tgt Ion: 76 Resp: 44

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

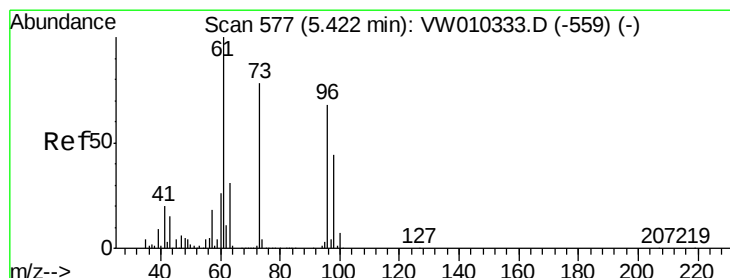
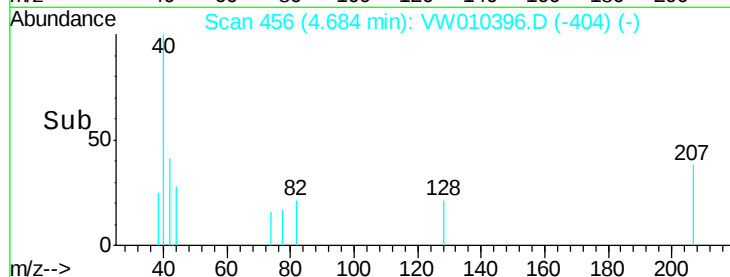
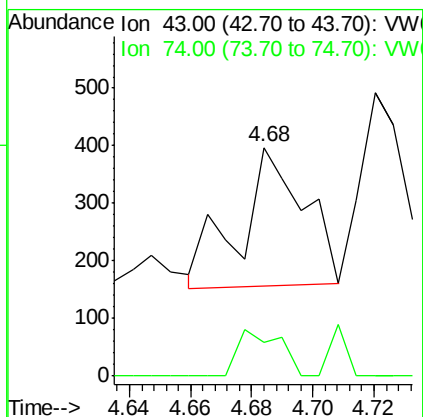
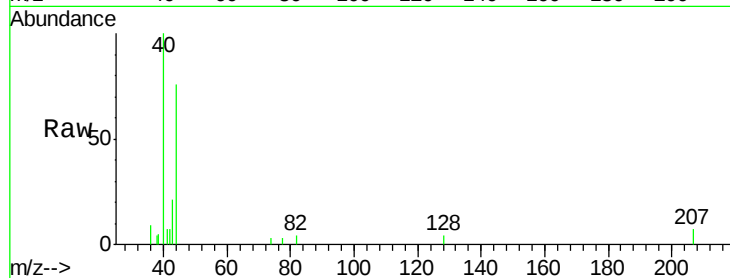




#18
Methyl Acetate
Concen: 565.072 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

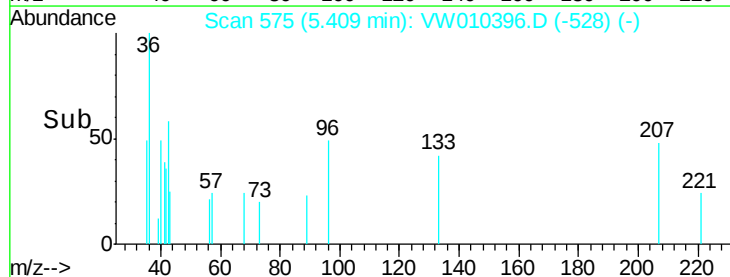
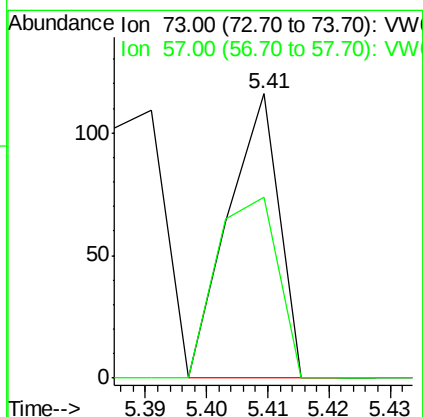
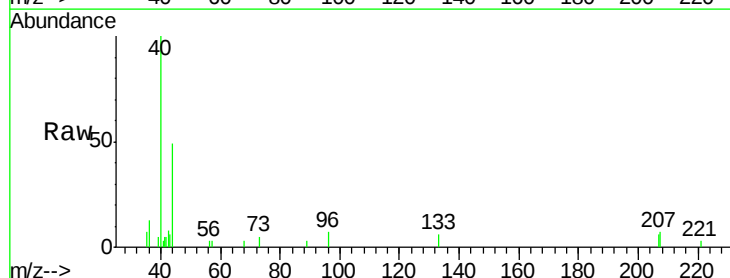
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

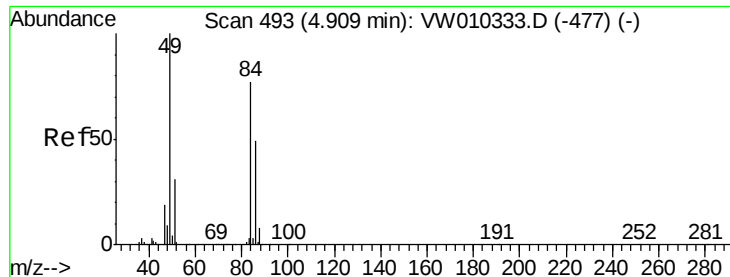
Tot Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2



#19
Methyl tert-butyl Ether
Concen: 55.873 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion: 73 Resp: 66
Ion Ratio Lower Upper
73 100
57 63.8 18.5 27.7#





#20

Methylene Chloride

Concen: 2497.275 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

Tot Ion: 84 Resp: 2627

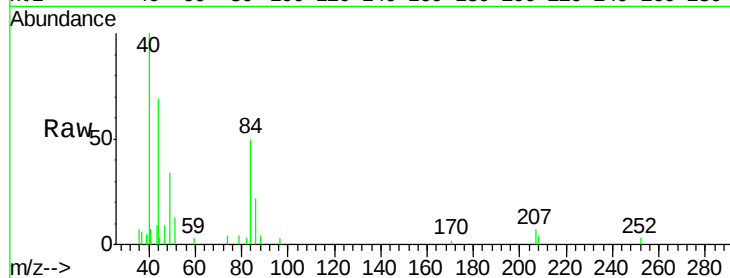
Ion Ratio Lower Upper

84 100

49 68.2 112.3 168.5#

51 26.5 33.9 50.9#

86 43.7 50.2 75.4#



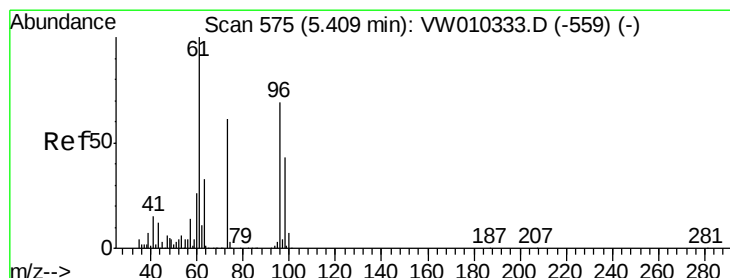
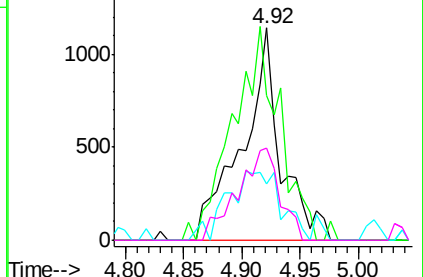
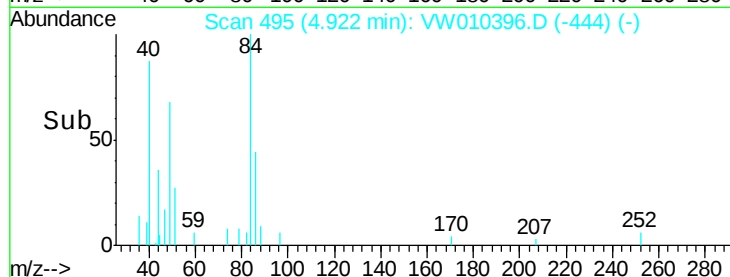
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

Time-->



#21

trans-1,2-Dichloroethene

Concen: 100.176 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.00 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

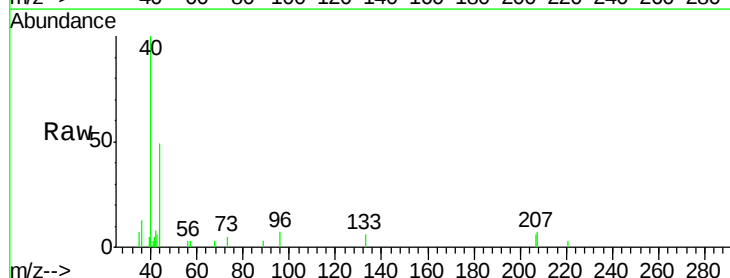
Tgt Ion: 96 Resp: 107

Ion Ratio Lower Upper

96 100

61 0.0 122.3 183.5#

98 0.0 50.5 75.7#

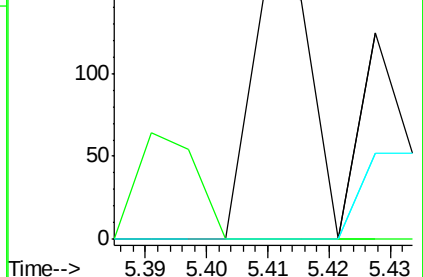
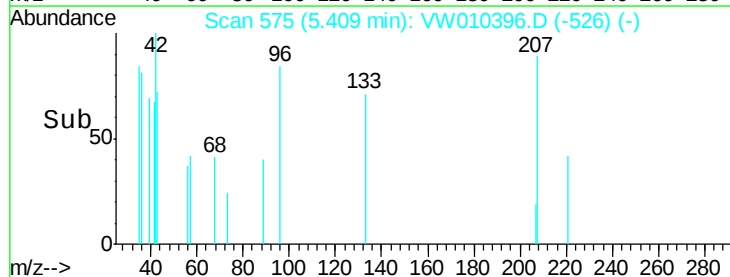


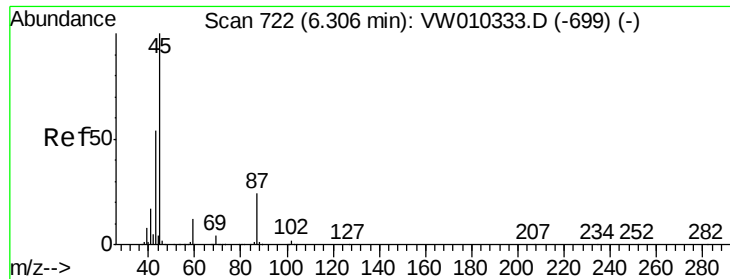
Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->





#22

Diisopropyl ether

Concen: 8.697 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

Tot Ion: 45 Resp: 25

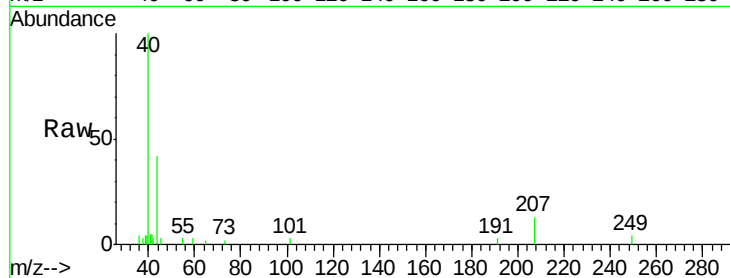
Ion Ratio Lower Upper

45 100

43 0.0 46.1 69.1#

87 0.0 18.3 27.5#

59 105.8 8.2 12.4#

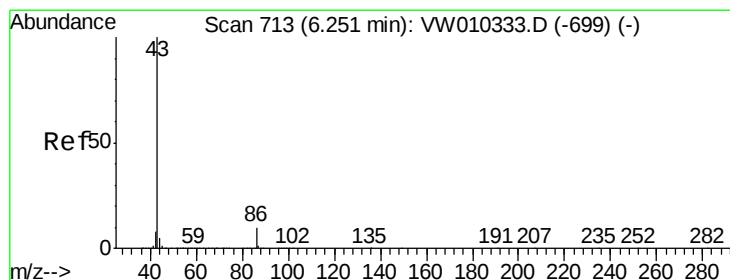
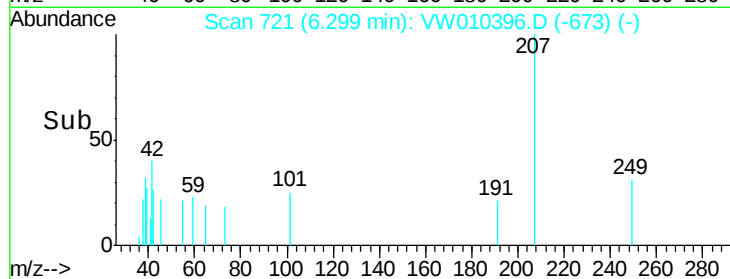
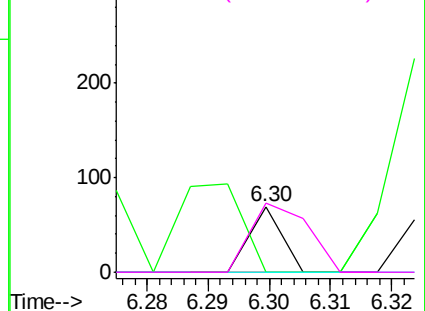


Abundance Ion 45.00 (44.70 to 45.70): VW

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: 55.727 ug/l

RT: 6.24 min Scan# 711

Delta R.T. -0.01 min

Lab File: VW010396.D

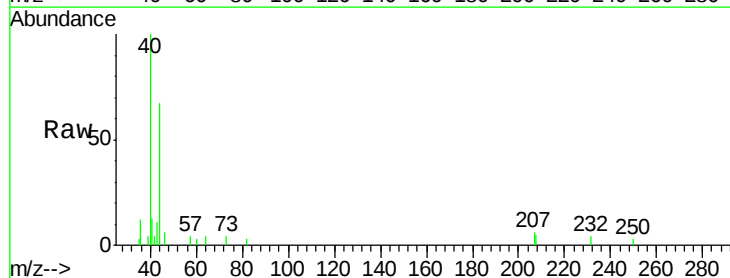
Acq: 11 May 2019 22:19

Tgt Ion: 43 Resp: 110

Ion Ratio Lower Upper

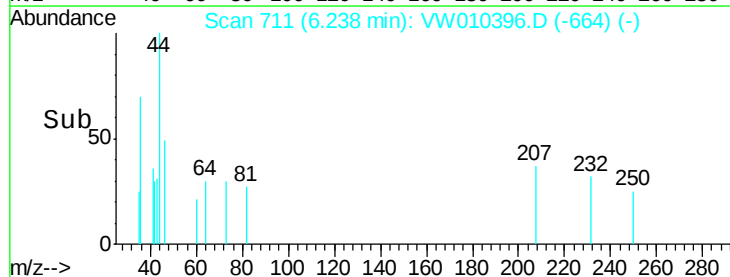
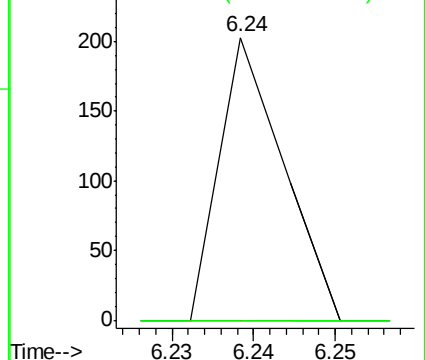
43 100

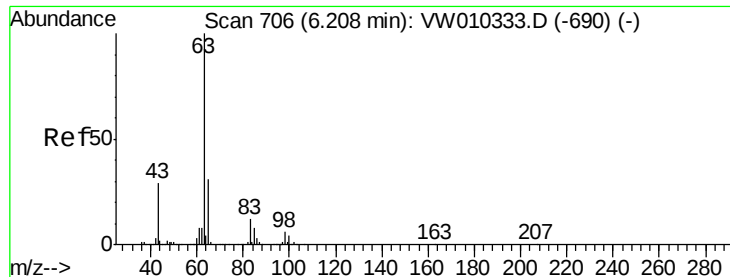
86 0.0 7.0 10.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 20.667 ug/l

RT: 6.02 min Scan# 675

Delta R.T. -0.19 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

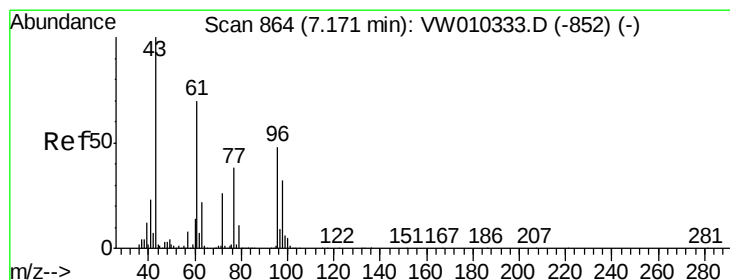
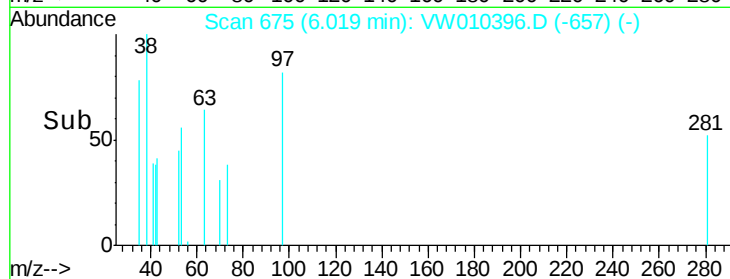
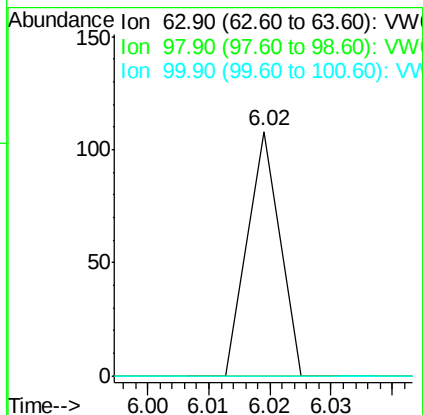
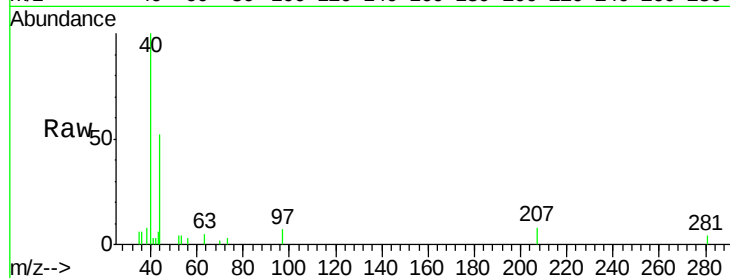
Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

Tot Ion:	63	Resp:	40
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.0	6.0#



#25

2-Butanone

Concen: 1275.177 ug/l

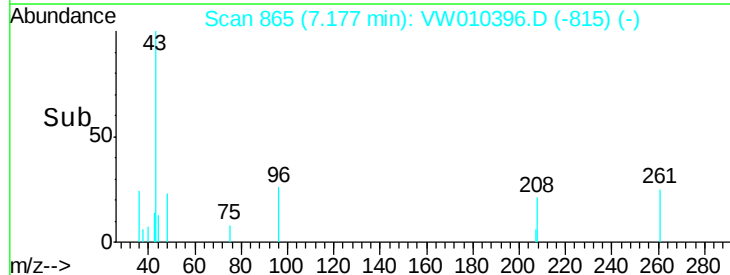
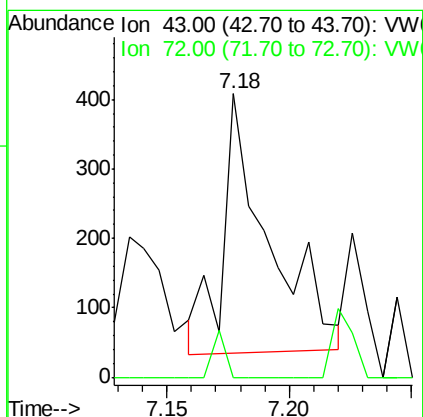
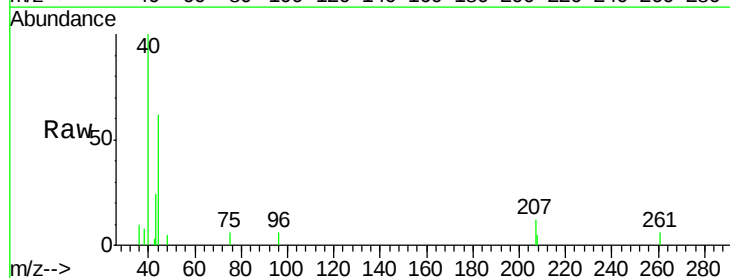
RT: 7.18 min Scan# 865

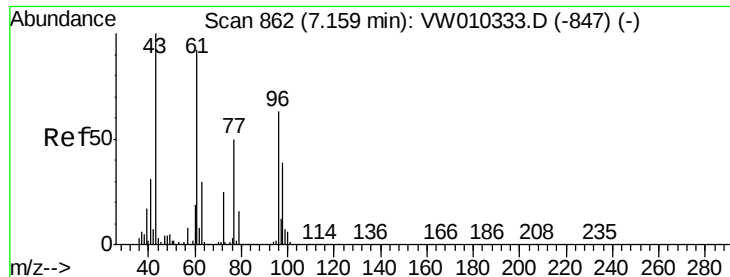
Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Tgt Ion:	43	Resp:	492
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.1	28.7#





#26

2,2-Dichloropropane

Concen: 47.770 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

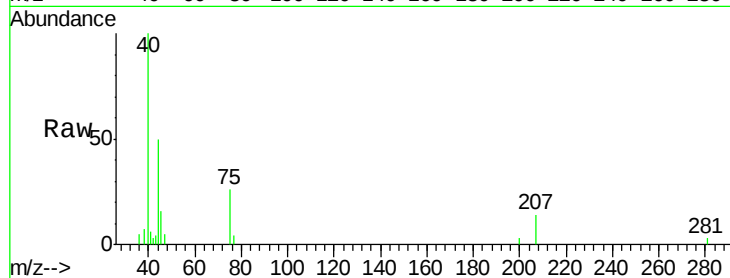
P026-SS013-0612-01

Tot Ion: 77 Resp: 46

Ion Ratio Lower Upper

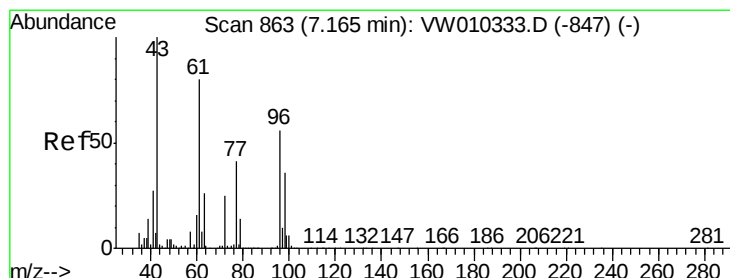
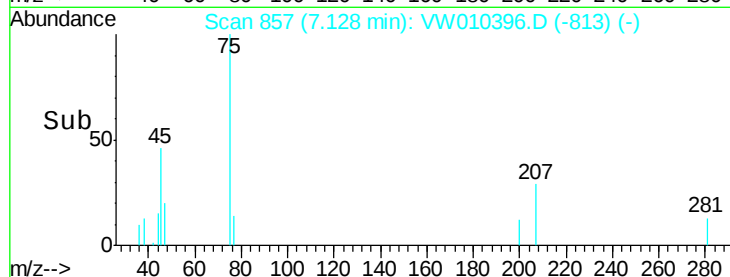
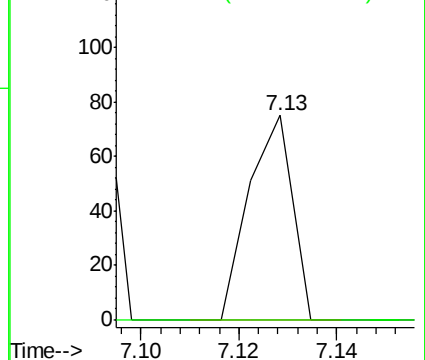
77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#27

cis-1,2-Dichloroethene

Concen: 58.264 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

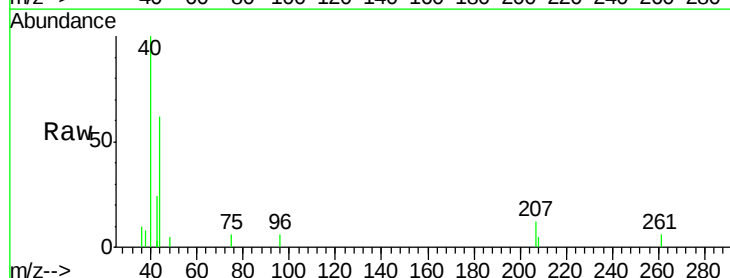
Tgt Ion: 96 Resp: 64

Ion Ratio Lower Upper

96 100

61 0.0 0.0 309.4

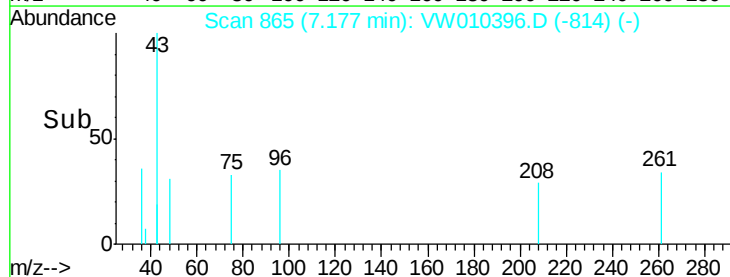
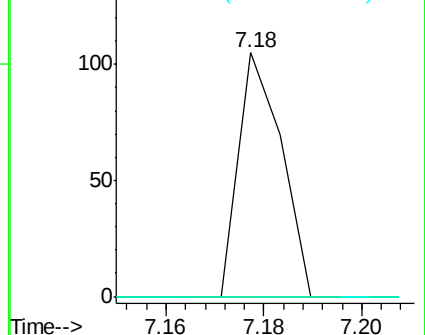
98 0.0 0.0 128.6

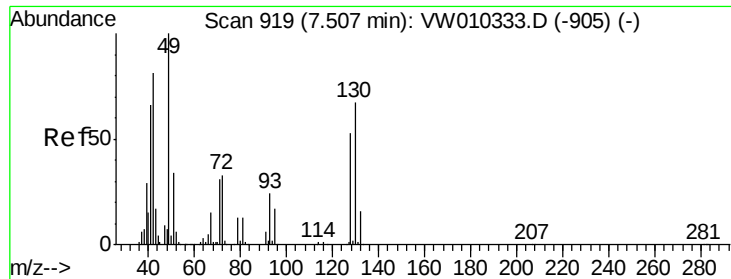


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 54.656 ug/l

RT: 7.43 min Scan# 907

Delta R.T. -0.07 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

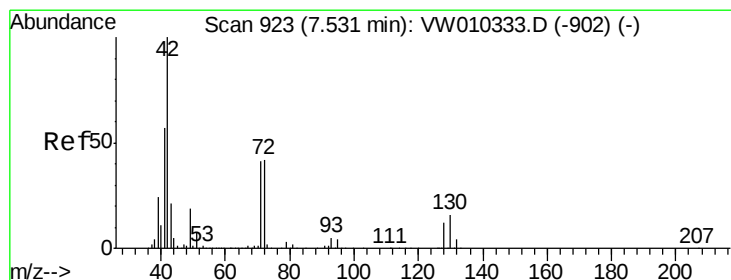
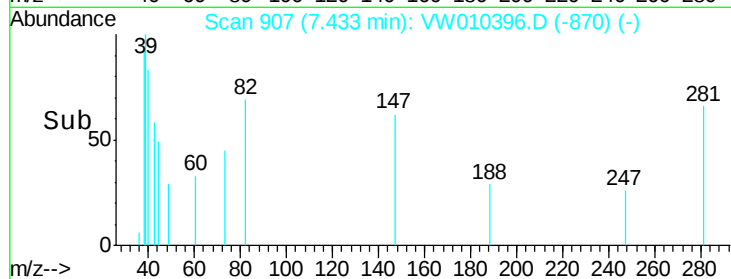
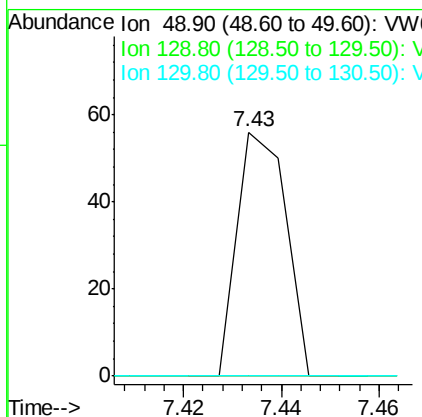
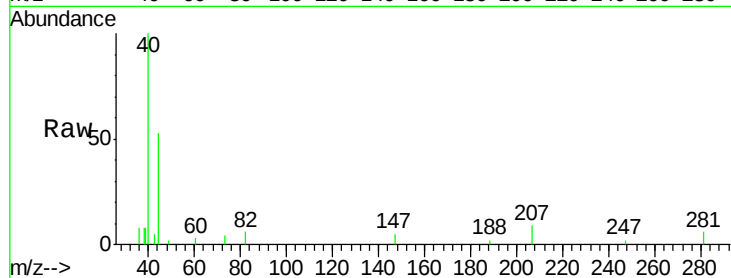
Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

Tot Ion:	49	Resp:	39
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	54.6	82.0#



#29

Tetrahydrofuran

Concen: 961.709 ug/l

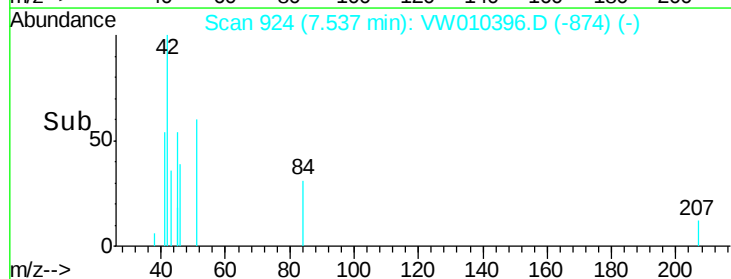
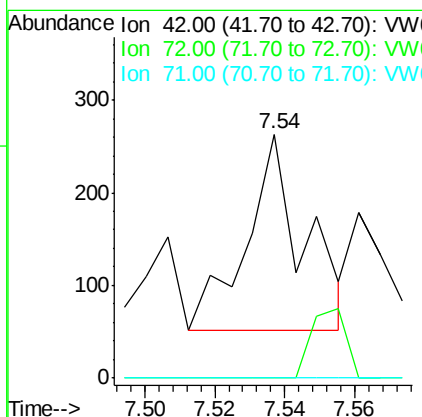
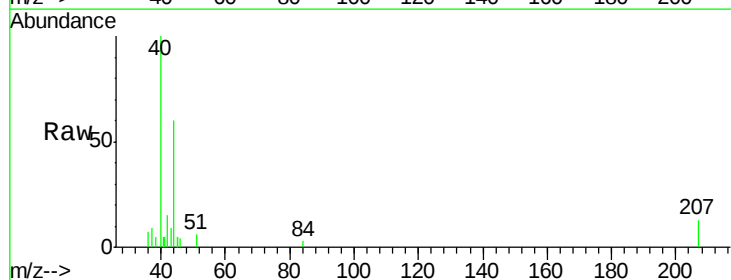
RT: 7.54 min Scan# 924

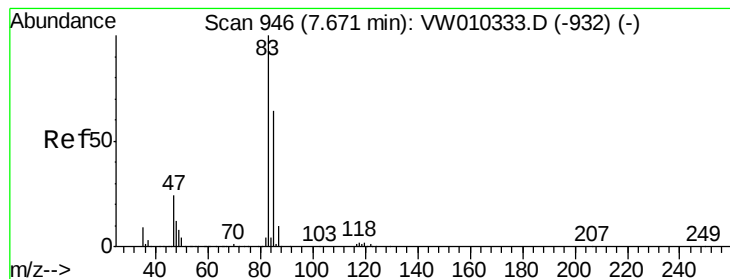
Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Tgt Ion:	42	Resp:	240
Ion	Ratio	Lower	Upper
42	100		
72	21.7	31.0	46.6#
71	0.0	29.7	44.5#





#30

Chloroform

Concen: 34.230 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

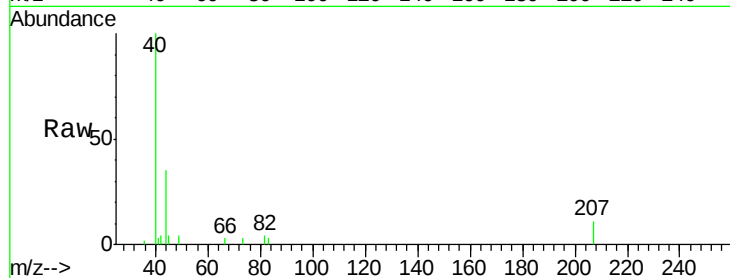
P026-SS013-0612-01

Tot Ion: 83 Resp: 62

Ion Ratio Lower Upper

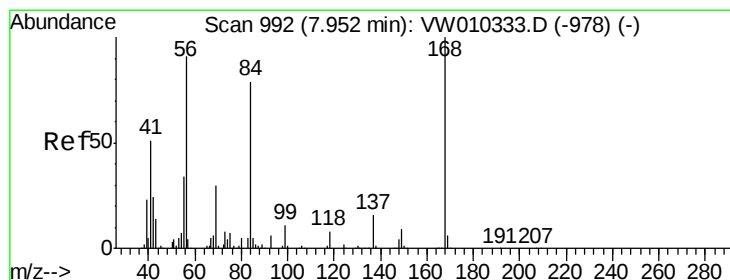
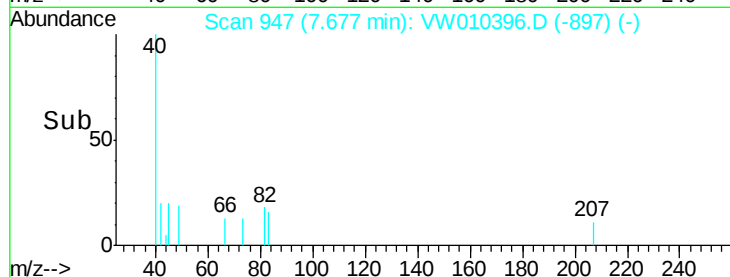
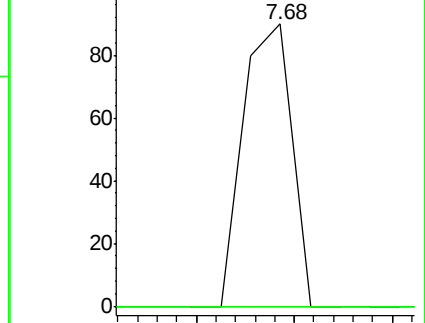
83 100

85 0.0 50.7 76.1#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



#31

Cyclohexane

Concen: 10.092 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

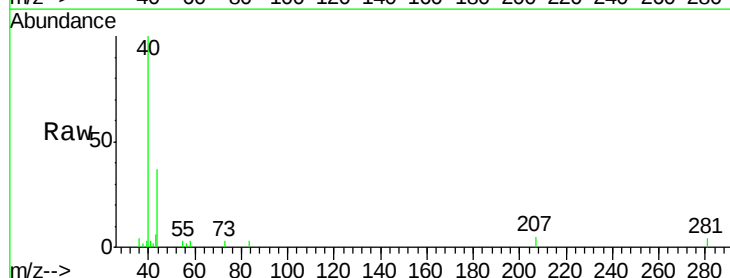
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

69 0.0 26.6 40.0#

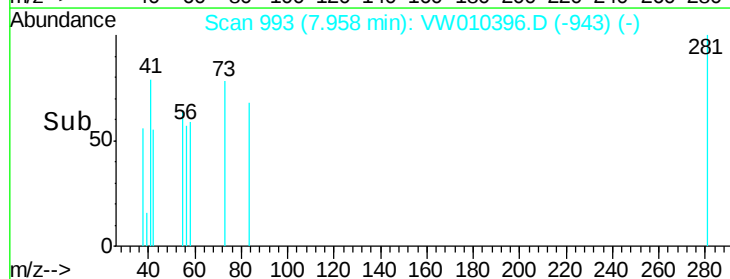
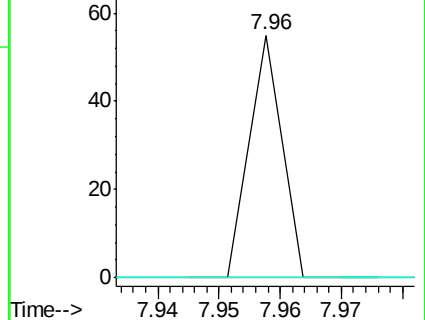
84 0.0 66.2 99.2#

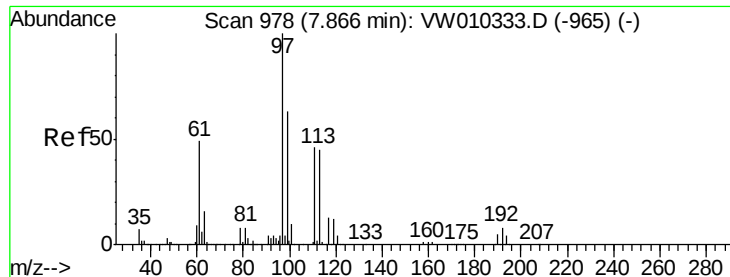


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#32

1,1,1-Trichloroethane

Concen: 27.085 ug/l

RT: 8.00 min Scan# 1000

Delta R.T. 0.13 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

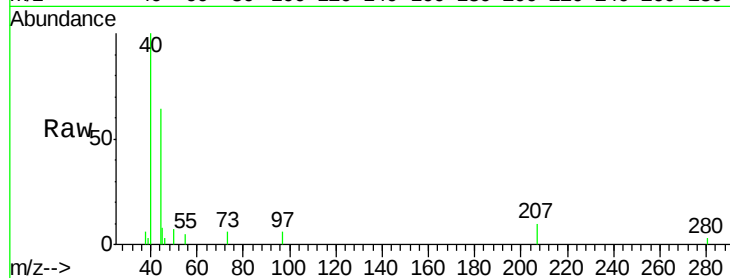
Tot Ion: 97 Resp: 38

Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.2#

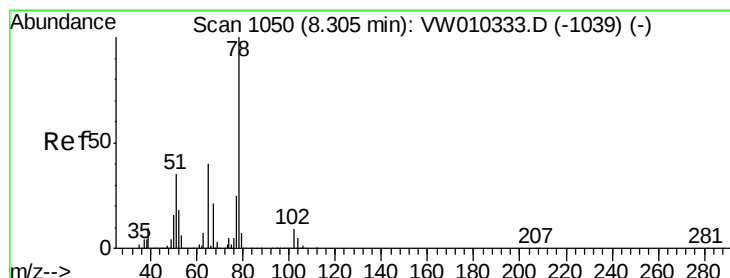
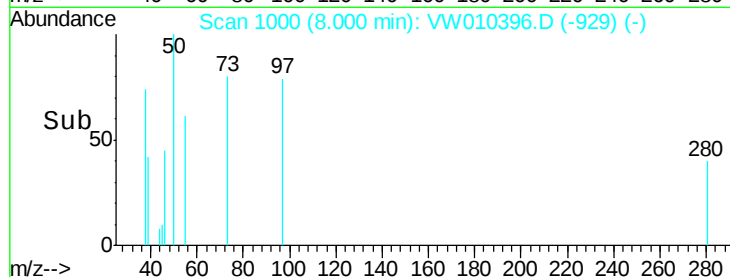
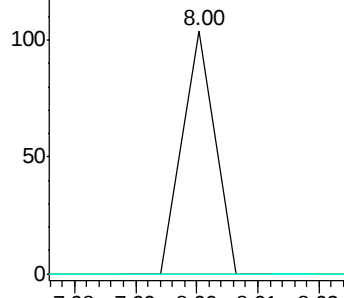
61 0.0 38.2 57.2#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 202.594 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010396.D

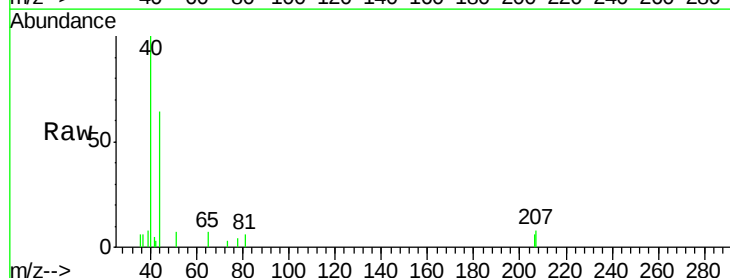
Acq: 11 May 2019 22:19

Tgt Ion: 65 Resp: 196

Ion Ratio Lower Upper

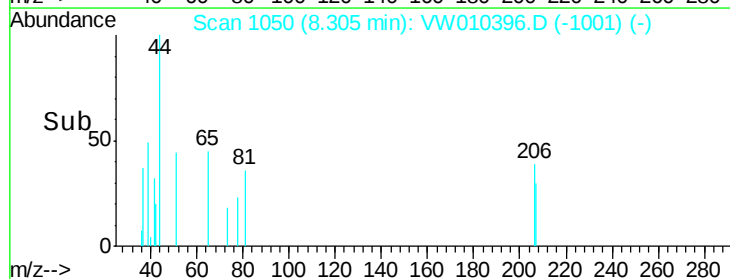
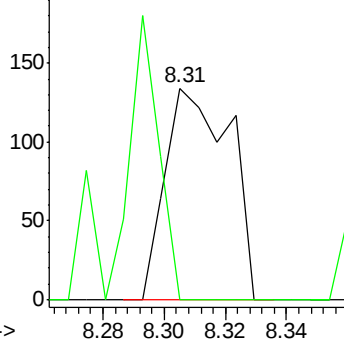
65 100

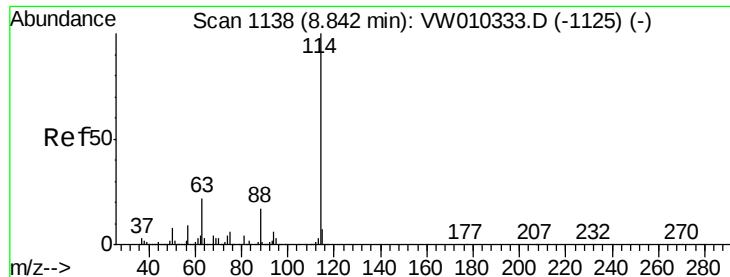
67 75.5 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

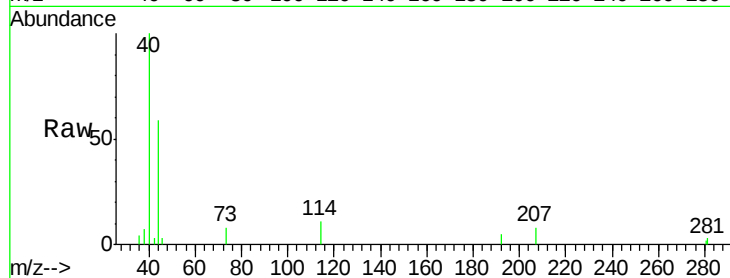




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

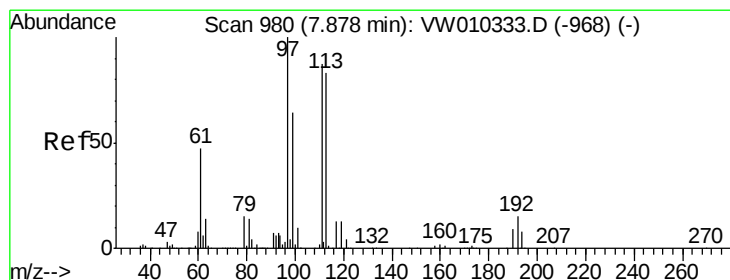
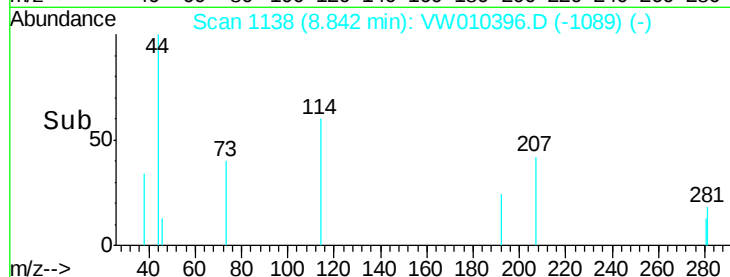
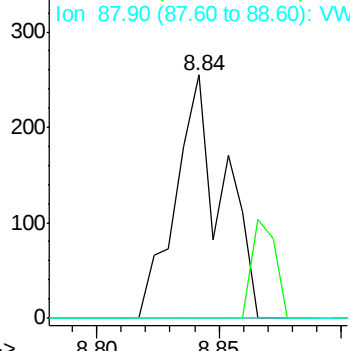
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	46.2
88	0.0	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

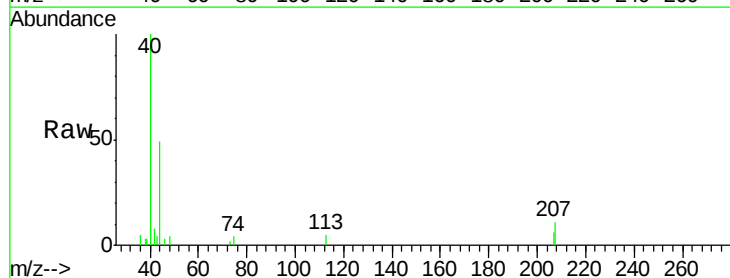
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 49.966 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

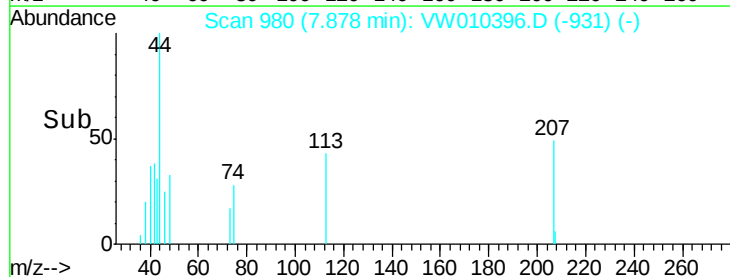
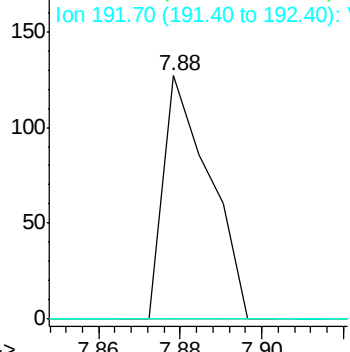
Tgt Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.6	123.8#
192	0.0	15.4	23.2#

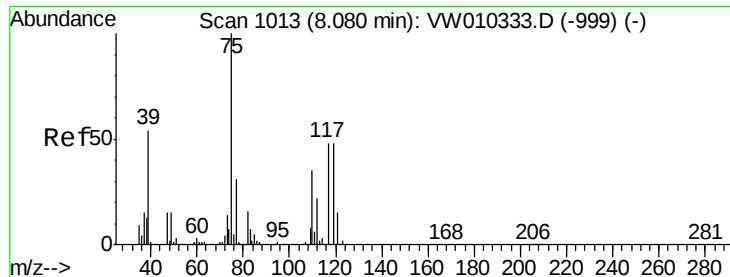


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 7.551 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.21 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

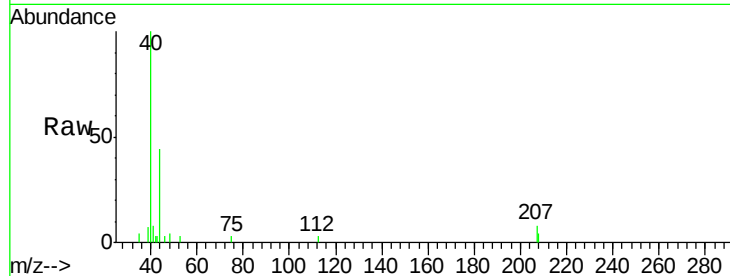
Tot Ion: 75 Resp: 28

Ion Ratio Lower Upper

75 100

110 0.0 16.6 49.8#

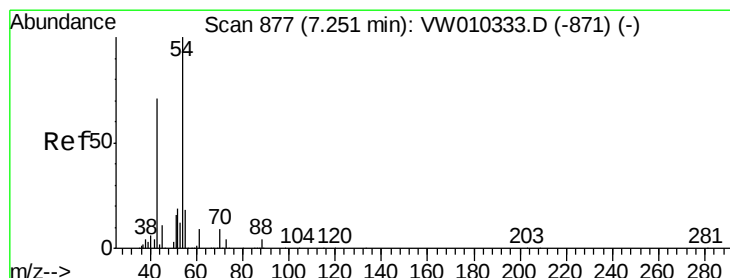
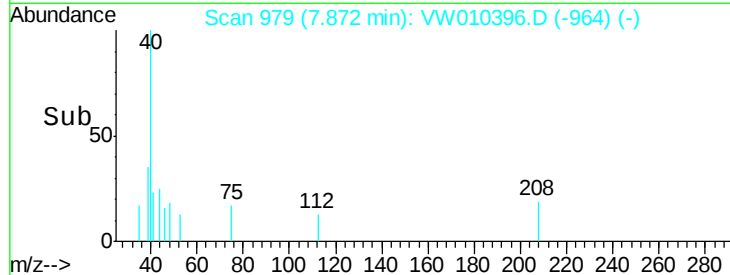
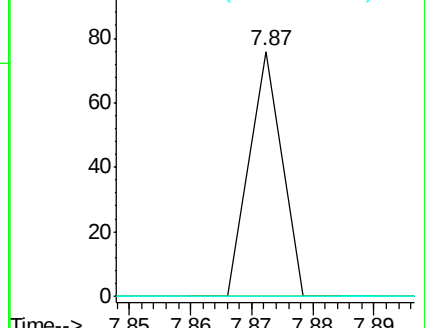
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 187.399 ug/l

RT: 7.27 min Scan# 880

Delta R.T. 0.02 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

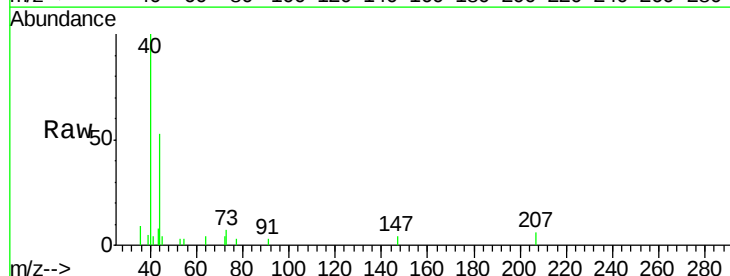
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

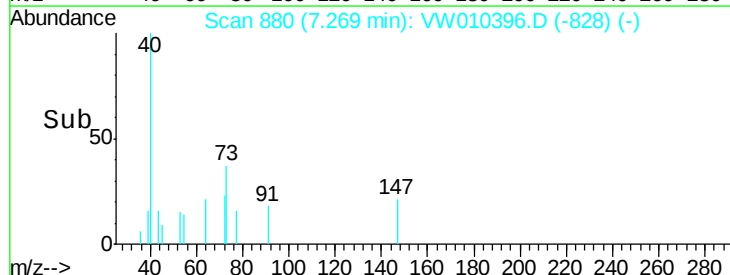
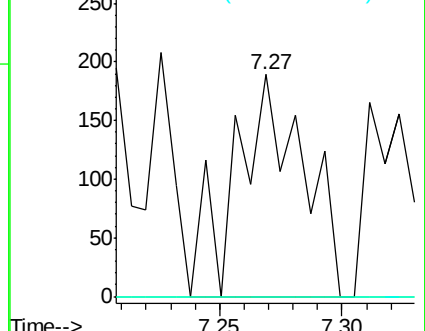
70 0.0 7.4 11.0#

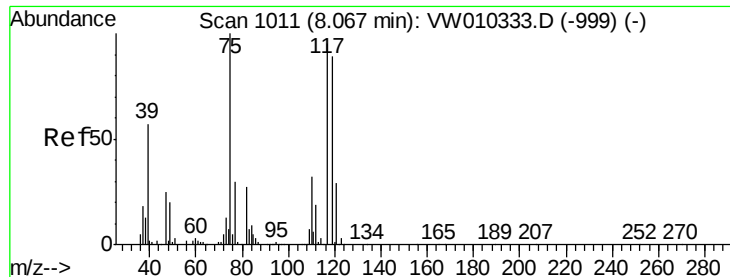


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 29.886 ug/l

RT: 8.28 min Scan# 1046

Delta R.T. 0.21 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

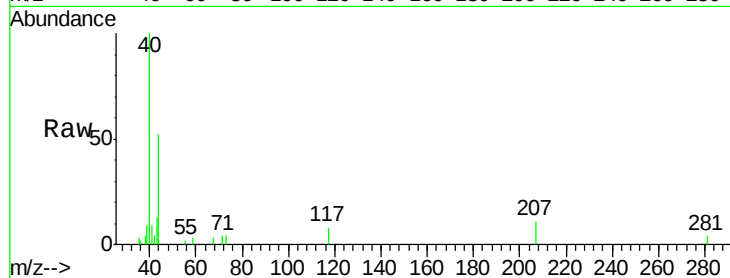
Tot Ion:117 Resp: 95

Ion Ratio Lower Upper

117 100

119 0.0 75.3 112.9#

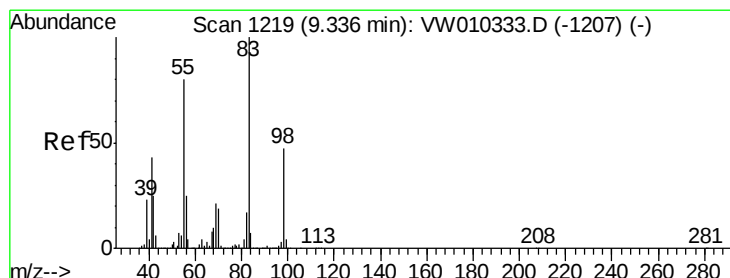
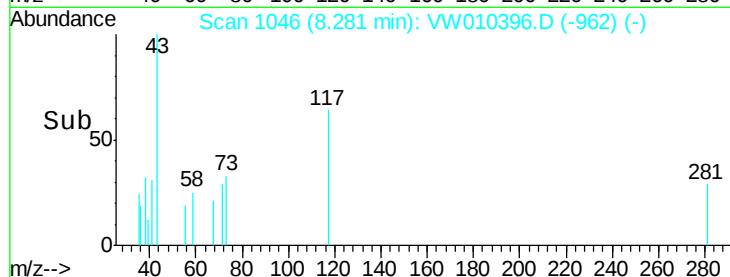
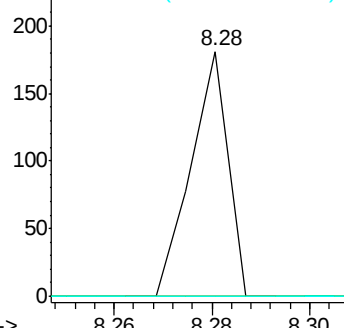
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.629 ug/l

RT: 9.26 min Scan# 1206

Delta R.T. -0.08 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

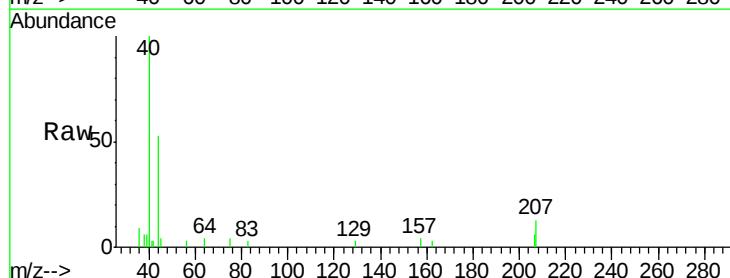
Tgt Ion: 83 Resp: 21

Ion Ratio Lower Upper

83 100

55 0.0 67.1 100.7#

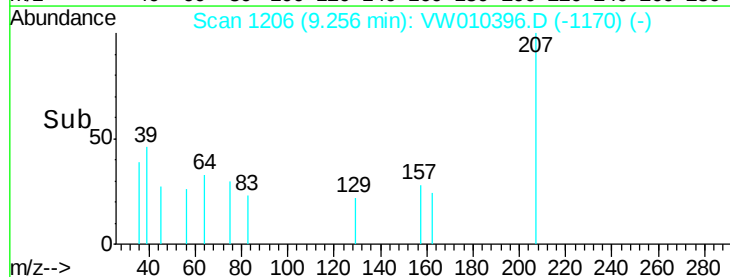
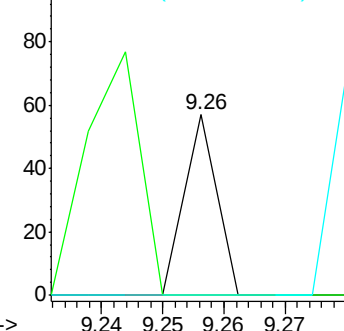
98 0.0 39.2 58.8#

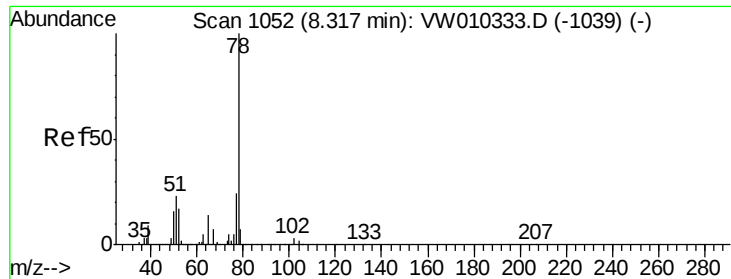


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 68.141 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

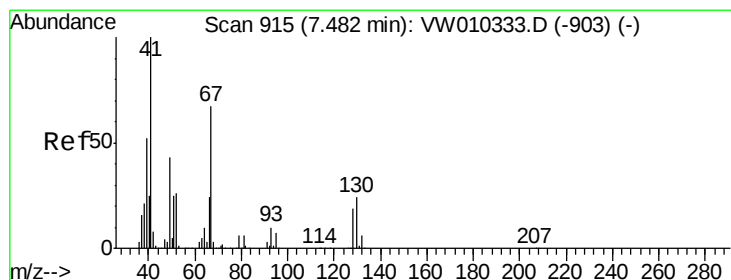
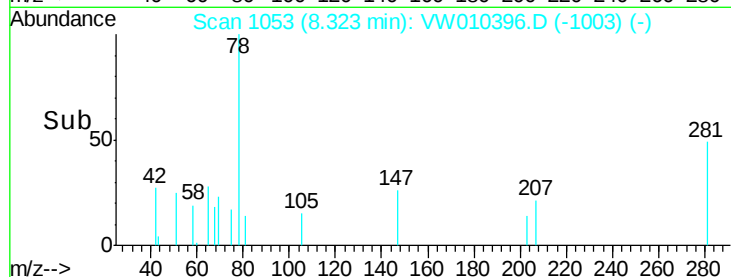
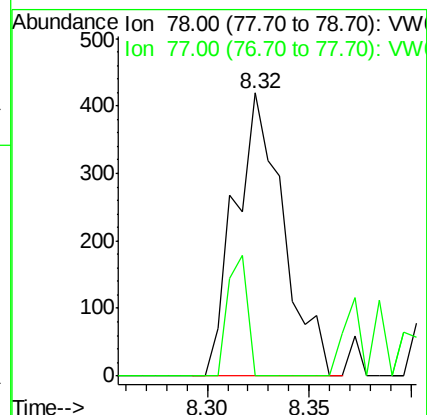
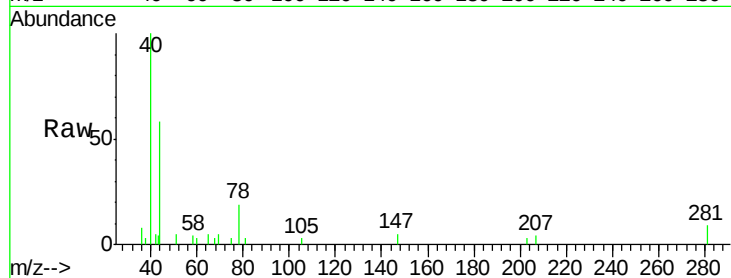
P026-SS013-0612-01

Tot Ion: 78 Resp: 692

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#



#41

Methacrylonitrile

Concen: 241.136 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Tgt Ion: 41 Resp: 267

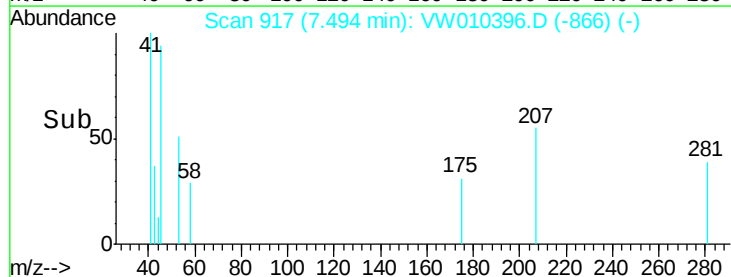
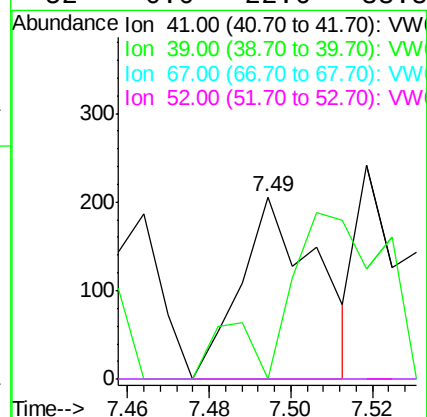
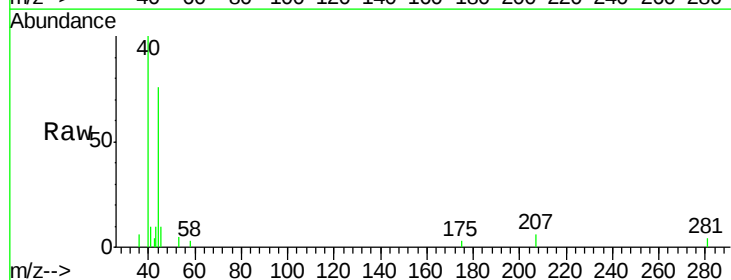
Ion Ratio Lower Upper

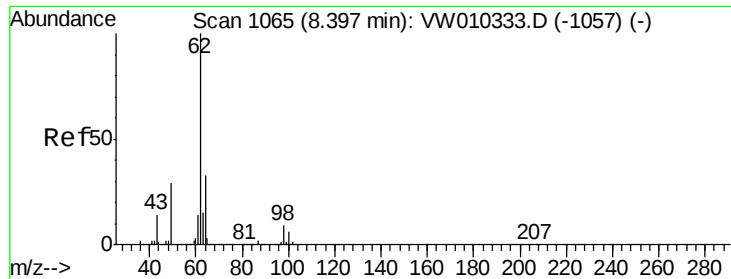
41 100

39 122.1 45.0 67.4#

67 0.0 50.7 76.1#

52 0.0 22.6 33.8#





#42

1,2-Dichloroethane

Concen: 19.953 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.07 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

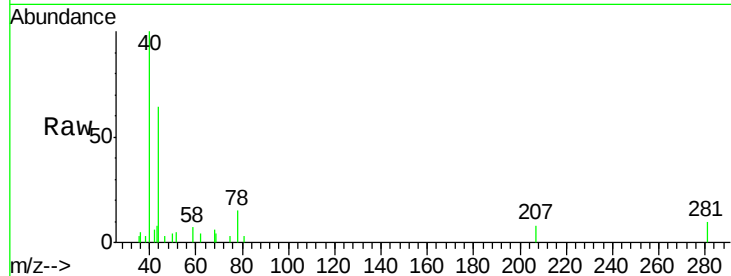
P026-SS013-0612-01

Tot Ion: 62 Resp: 58

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6

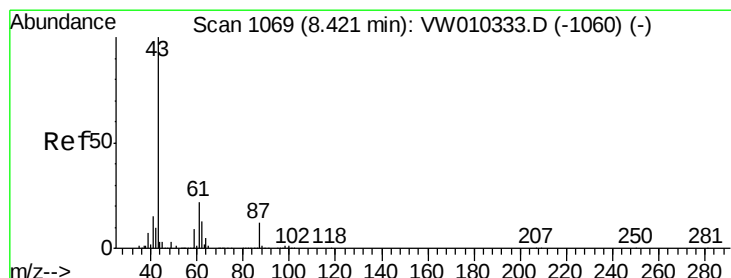
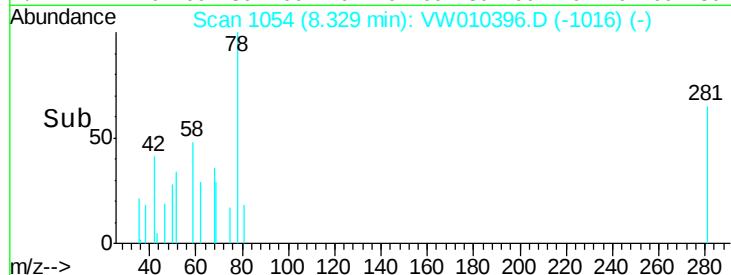


Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.33

8.32 8.34



#43

Isopropyl Acetate

Concen: 78.181 ug/l

RT: 8.38 min Scan# 1063

Delta R.T. -0.04 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

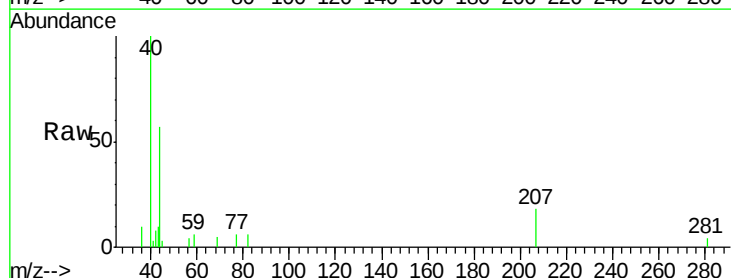
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

87 0.0 9.3 13.9#



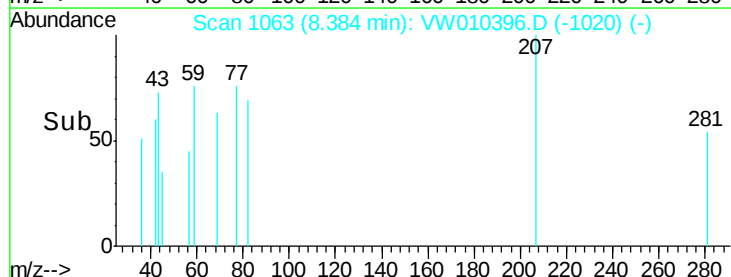
Abundance Ion 43.00 (42.70 to 43.70): VW

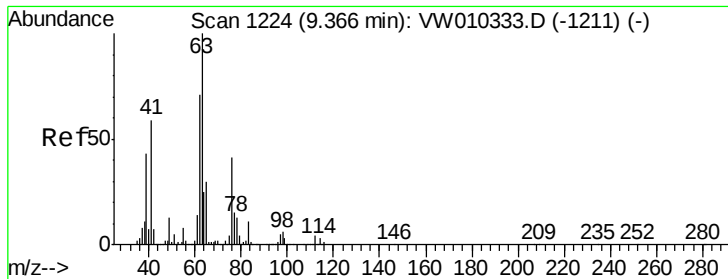
Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

8.38

8.34 8.36 8.38 8.40





#45

1,2-Dichloropropane

Concen: 14.657 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

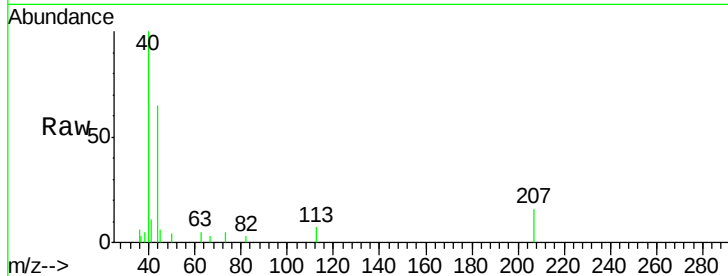
P026-SS013-0612-01

Tot Ion: 63 Resp: 37

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.38

100

80

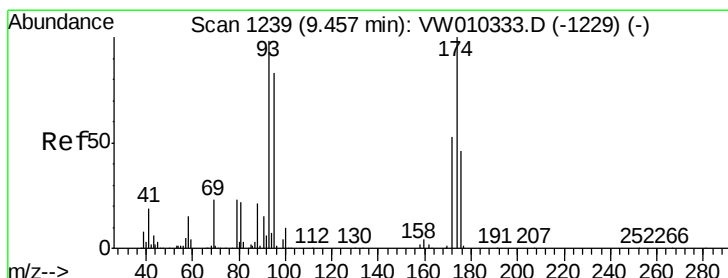
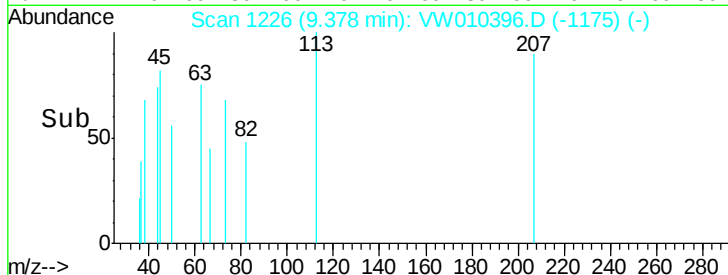
60

40

20

0

Time-->



#46

Dibromomethane

Concen: 44.475 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

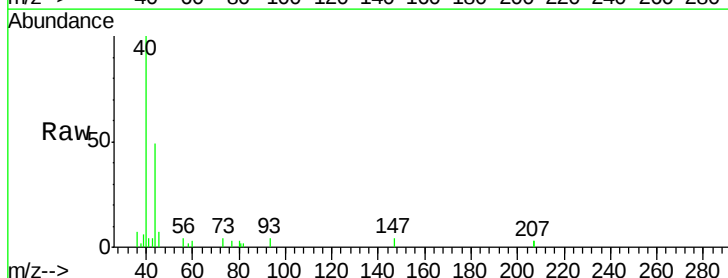
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

95 0.0 65.8 98.8#

174 0.0 75.5 113.3#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

120

100

80

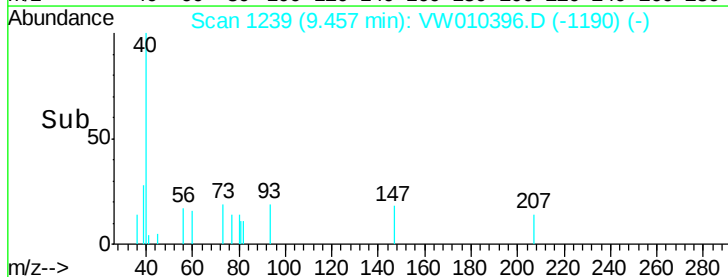
60

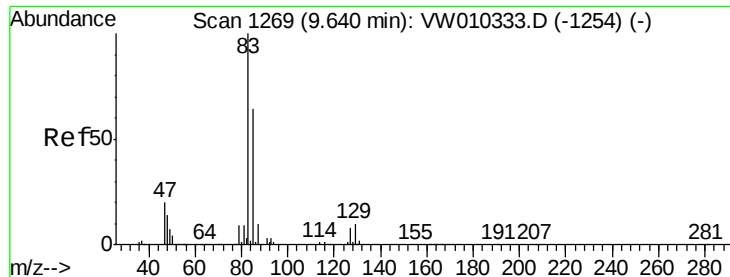
40

20

0

Time-->





#47

Bromodichloromethane

Concen: 7.352 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

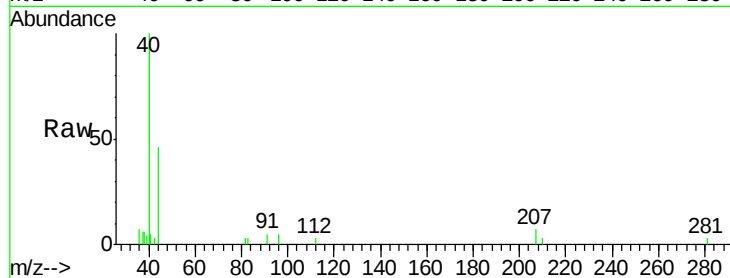
Tot Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

85 0.0 50.6 75.8#

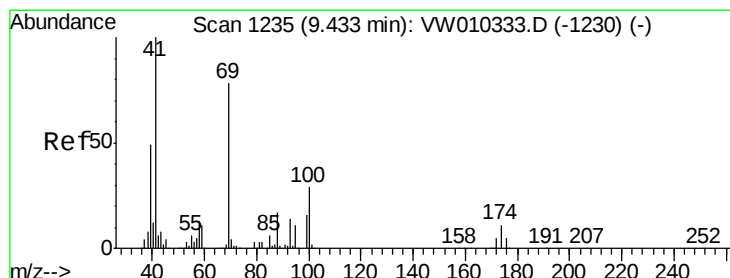
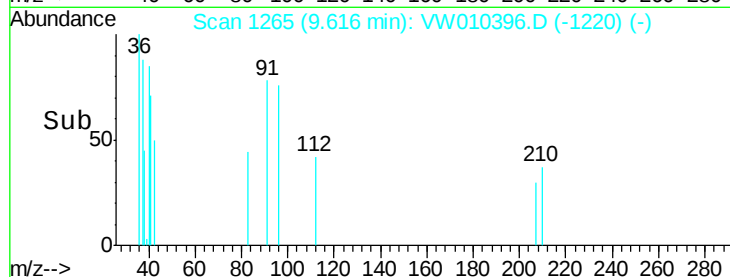
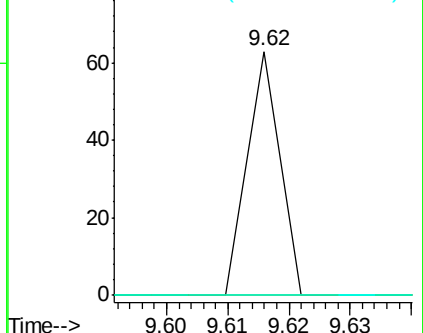
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 128.532 ug/l

RT: 9.41 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

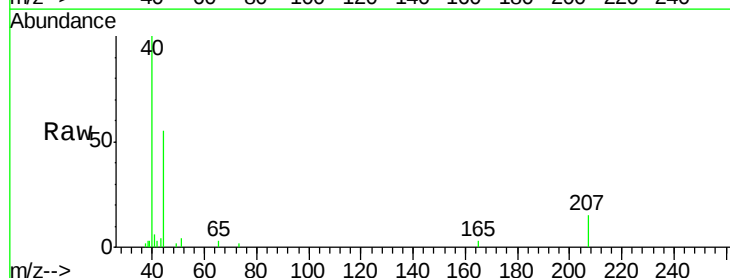
Tgt Ion: 41 Resp: 199

Ion Ratio Lower Upper

41 100

69 18.6 60.1 90.1#

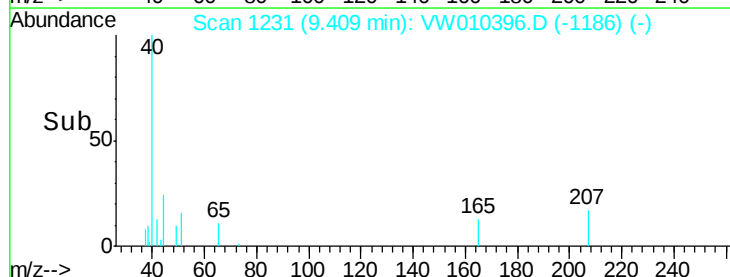
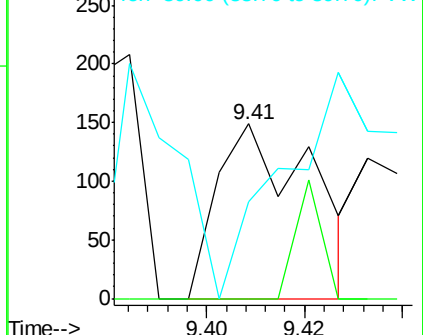
39 143.2 51.0 76.6#

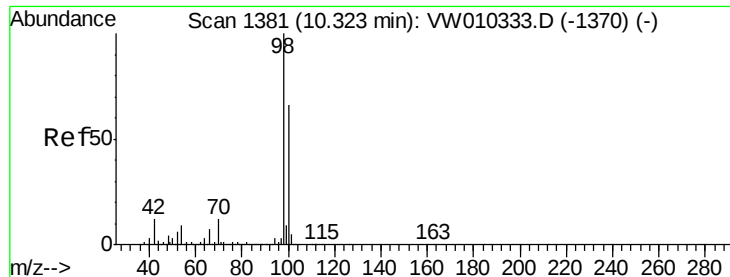


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 56.200 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

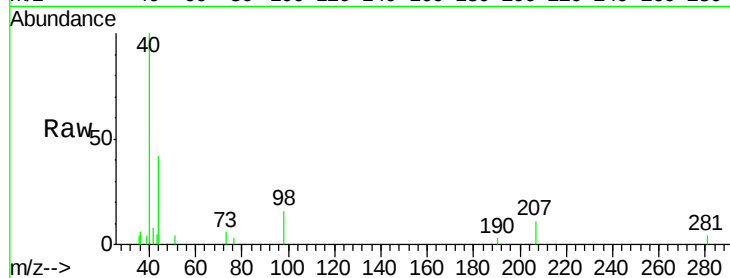
P026-SS013-0612-01

Tot Ion: 98 Resp: 458

Ion Ratio Lower Upper

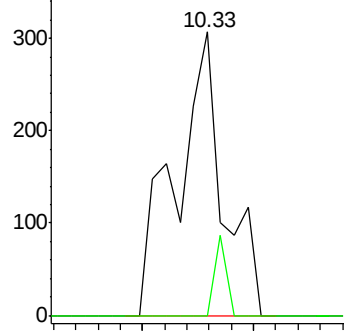
98 100

100 7.0 52.3 78.5#

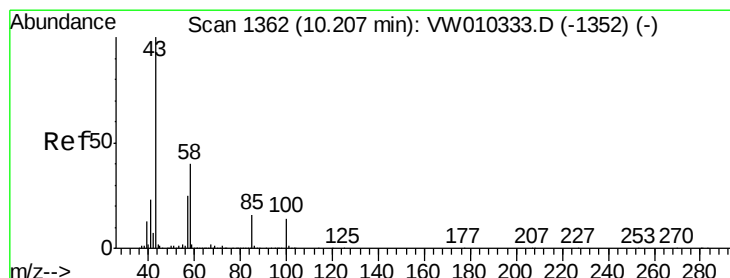
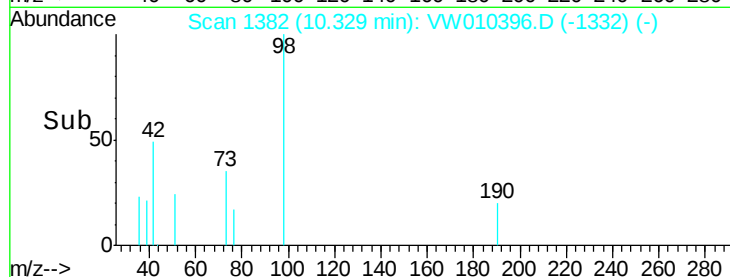


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#51

4-Methyl-2-Pentanone

Concen: 130.486 ug/l

RT: 10.20 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VW010396.D

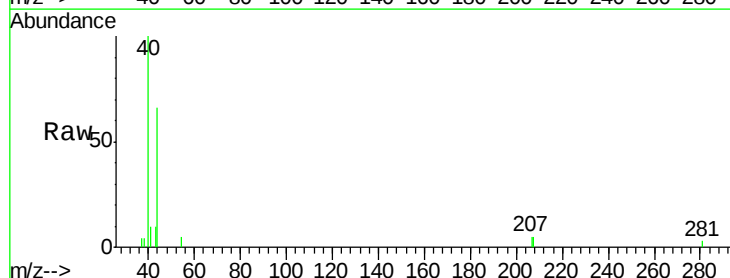
Acq: 11 May 2019 22:19

Tgt Ion: 43 Resp: 245

Ion Ratio Lower Upper

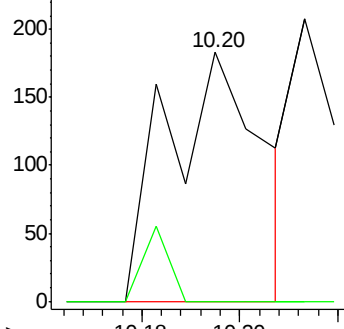
43 100

58 8.2 28.9 43.3#

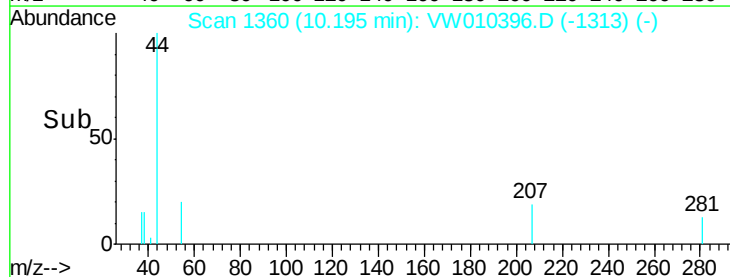


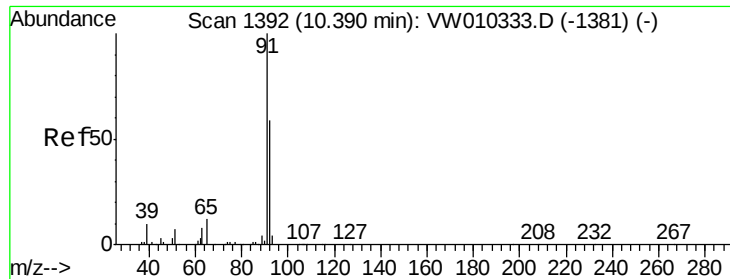
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#52

Toluene

Concen: 45.753 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

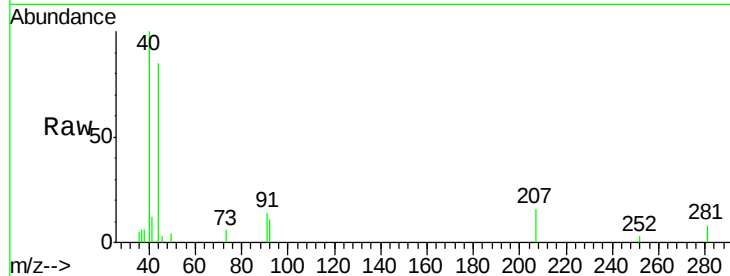
P026-SS013-0612-01

Tot Ion: 92 Resp: 284

Ion Ratio Lower Upper

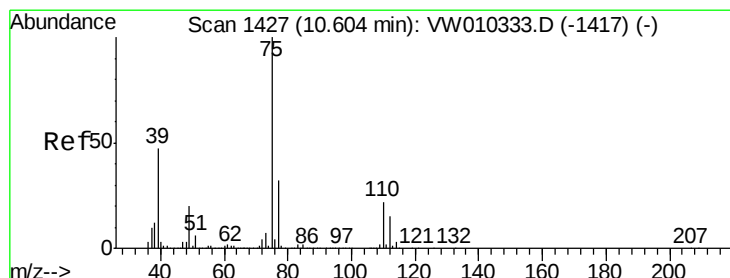
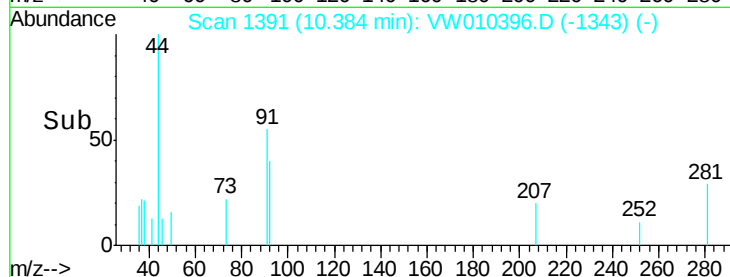
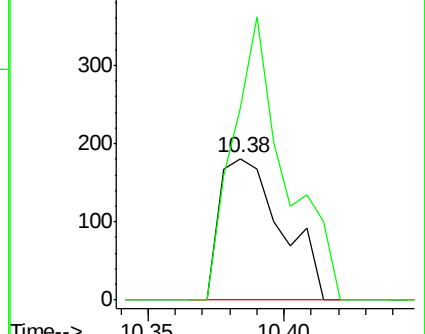
92 100

91 170.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#53

t-1,3-Dichloropropene

Concen: 7.890 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.08 min

Lab File: VW010396.D

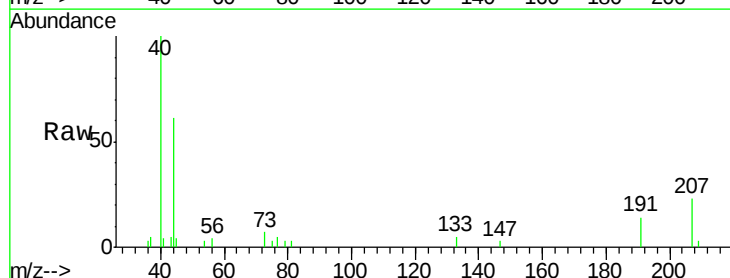
Acq: 11 May 2019 22:19

Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

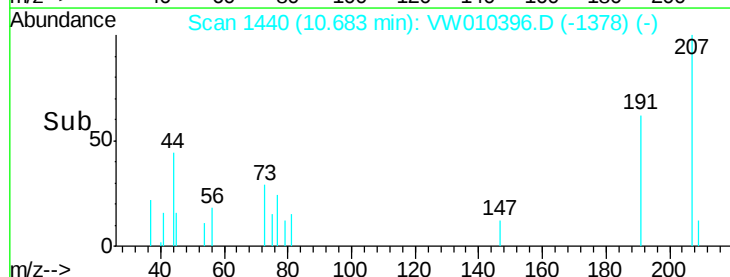
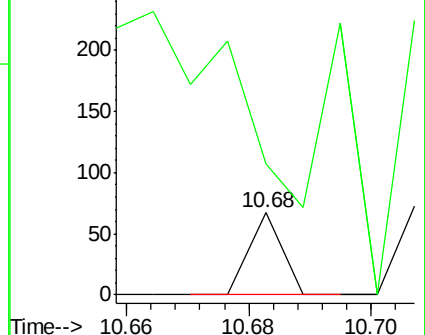
75 100

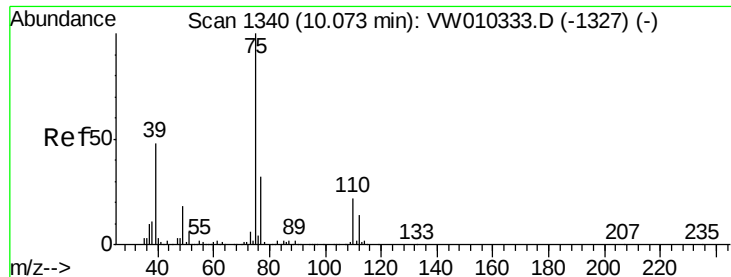
77 0.0 26.9 40.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





#54

cis-1,3-Dichloropropene

Concen: 6.129 ug/l

RT: 10.16 min Scan# 1355

Delta R.T. 0.09 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

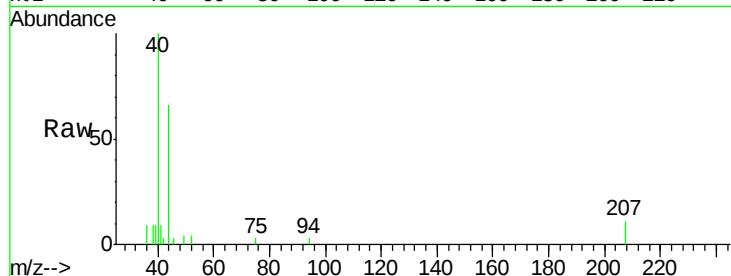
Tot Ion: 75 Resp: 23

Ion Ratio Lower Upper

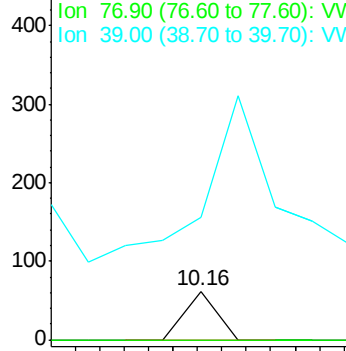
75 100

77 0.0 25.6 38.4#

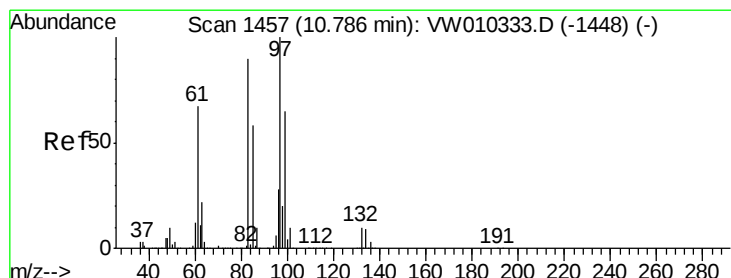
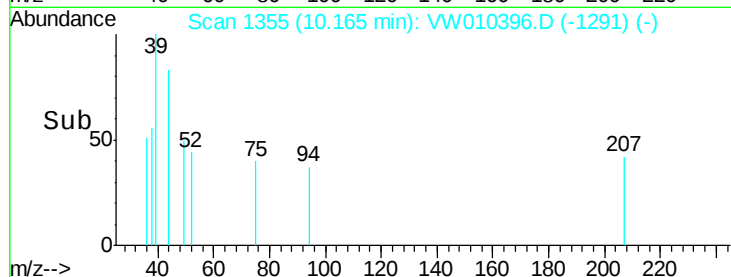
39 58.1 47.8 71.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 76.90 (76.60 to 77.60): VW
Ion 39.00 (38.70 to 39.70): VW



Time-->



#55

1,1,2-Trichloroethane

Concen: 52.908 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Tgt Ion: 97 Resp: 98

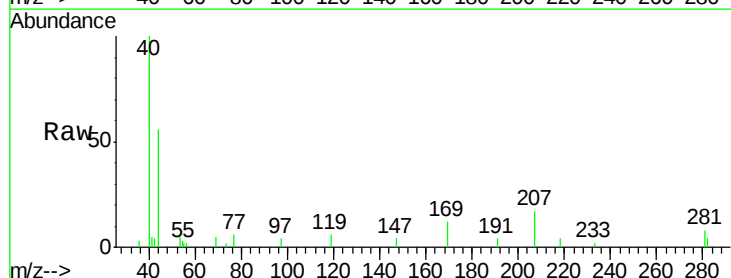
Ion Ratio Lower Upper

97 100

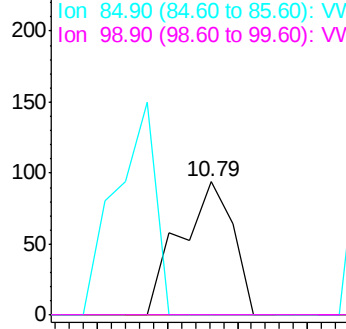
83 0.0 68.9 103.3#

85 0.0 42.9 64.3#

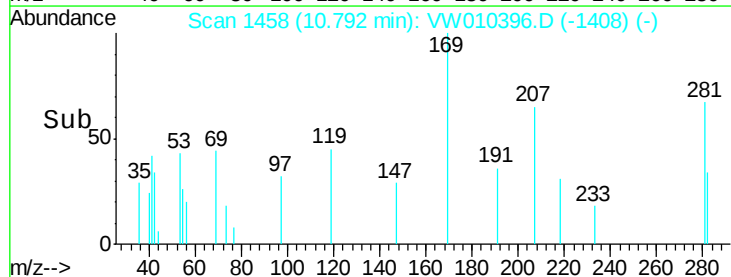
99 0.0 48.6 72.8#

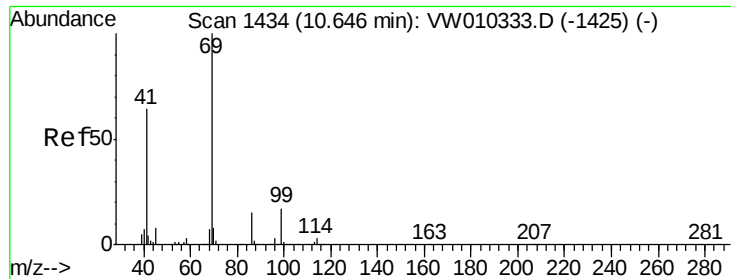


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



Time-->





#56

Ethyl methacrylate

Concen: 19.624 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

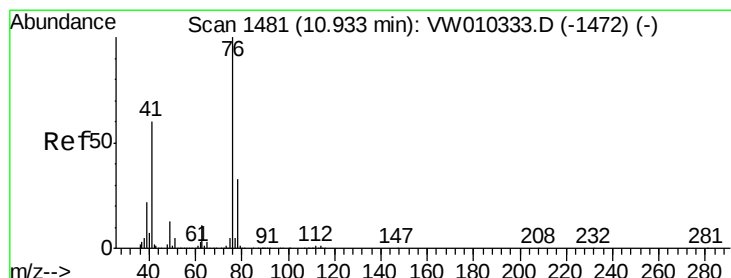
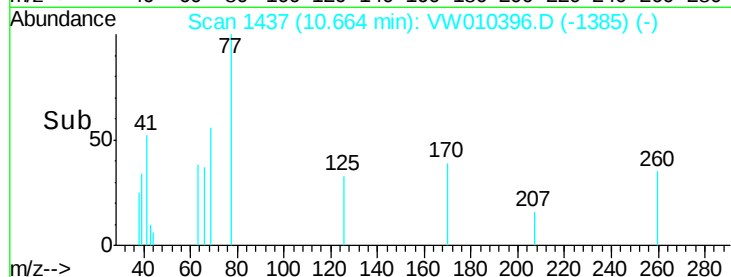
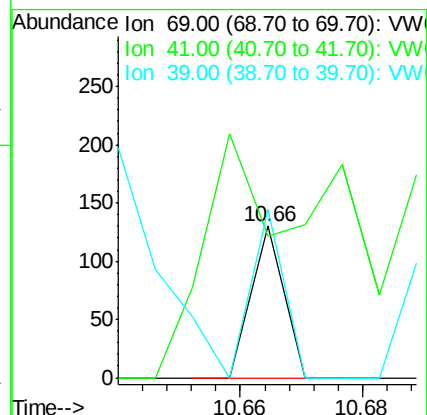
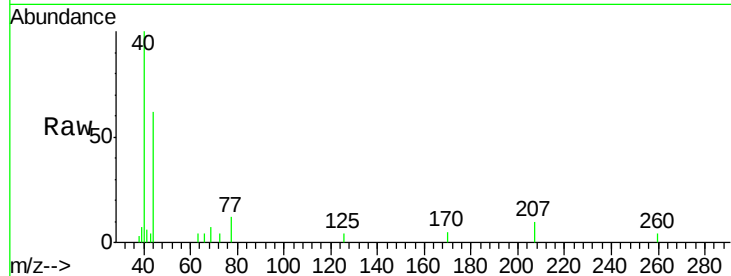
Tot Ion: 69 Resp: 48

Ion Ratio Lower Upper

69 100

41 410.4 61.0 91.6#

39 110.4 33.8 50.6#



#57

1,3-Dichloropropane

Concen: 6.644 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.16 min

Lab File: VW010396.D

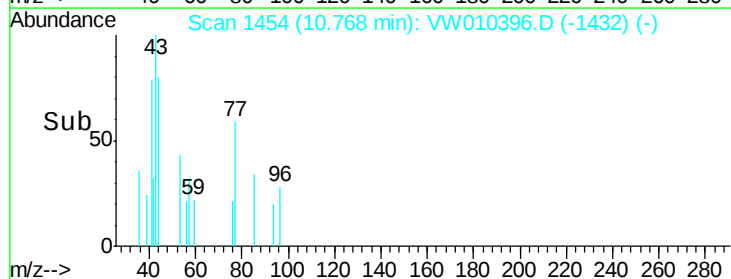
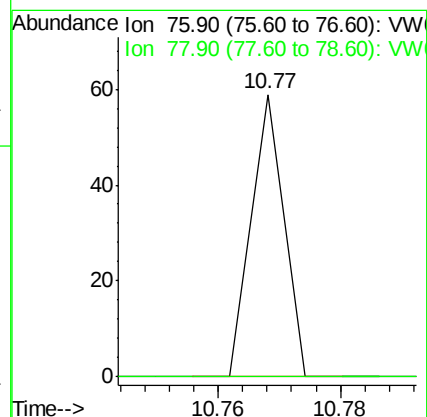
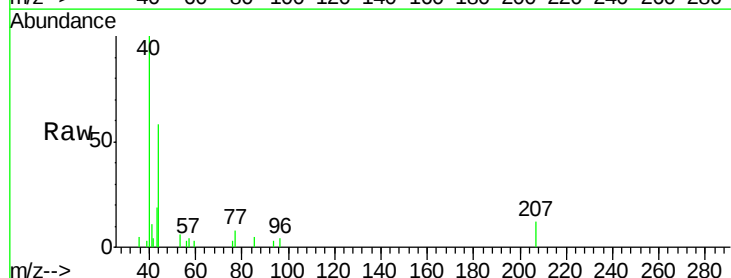
Acq: 11 May 2019 22:19

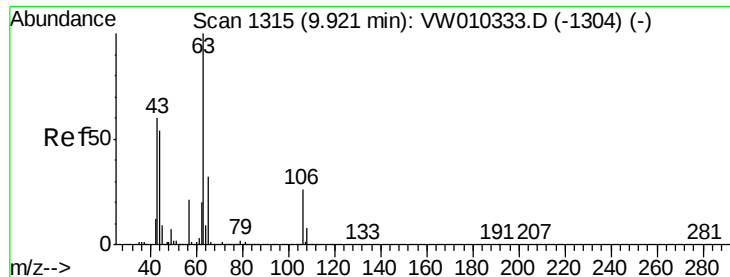
Tgt Ion: 76 Resp: 22

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#

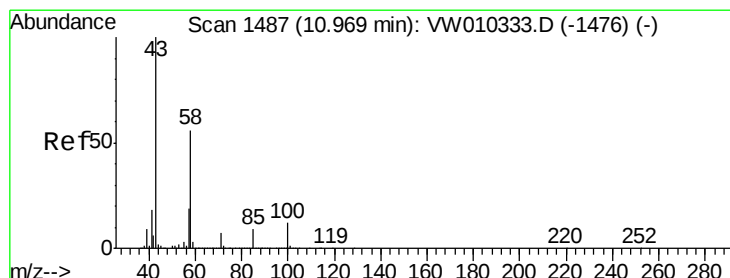
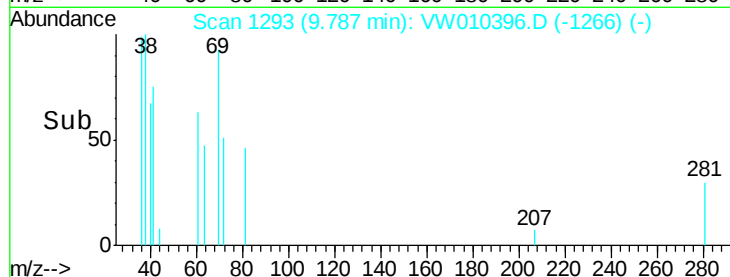
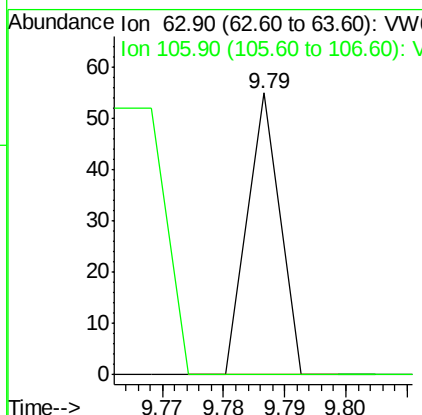
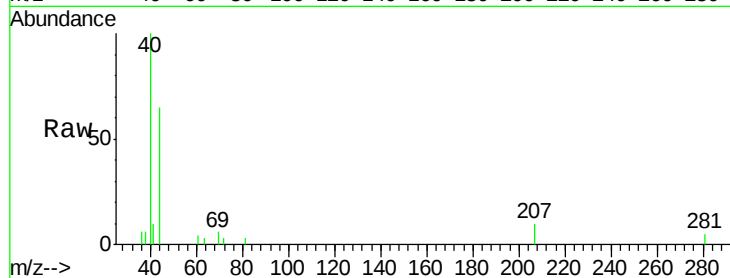




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.79 min Scan# 1293
 Delta R.T. -0.13 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

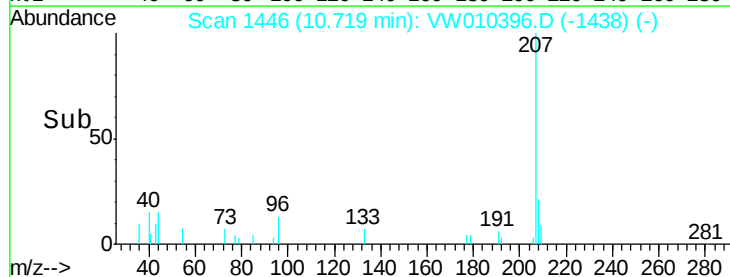
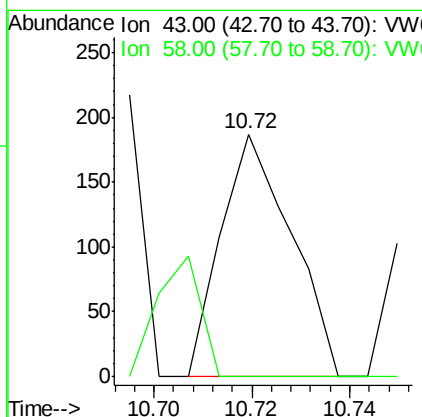
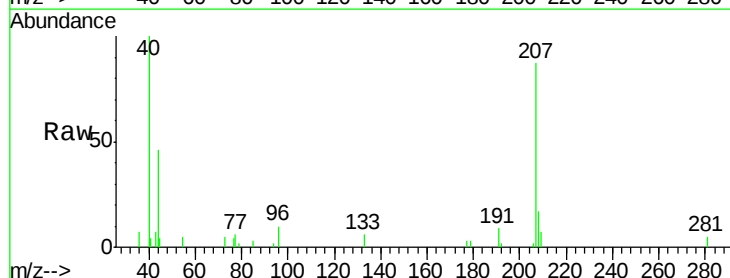
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

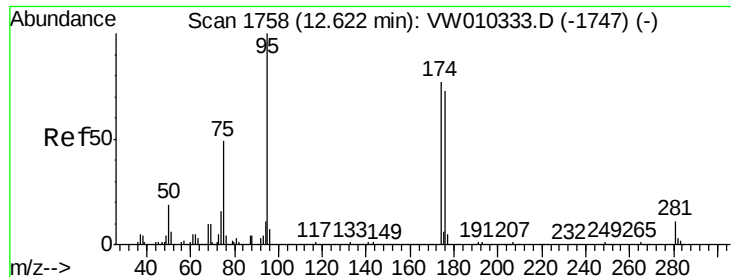
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.4 32.0#



#59
 2-Hexanone
 Concen: 140.110 ug/l
 RT: 10.72 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Tgt Ion: 43 Resp: 186
 Ion Ratio Lower Upper
 43 100
 58 30.6 24.9 74.7





#62

4-Bromofluorobenzene

Concen: 29.979 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. 0.09 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

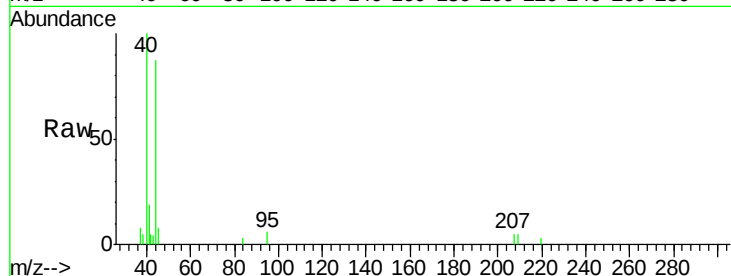
Tot Ion: 95 Resp: 86

Ion Ratio Lower Upper

95 100

174 0.0 0.0 151.4

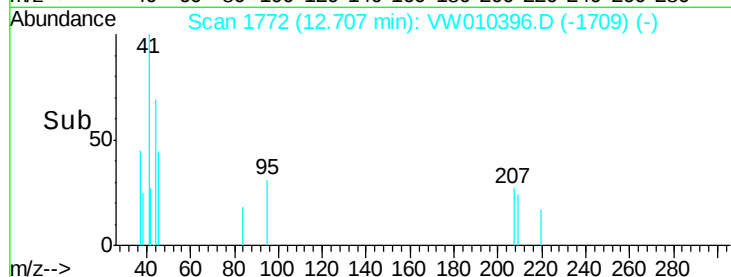
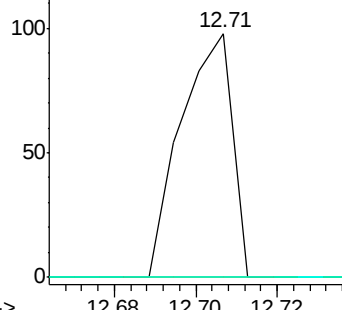
176 0.0 0.0 146.2



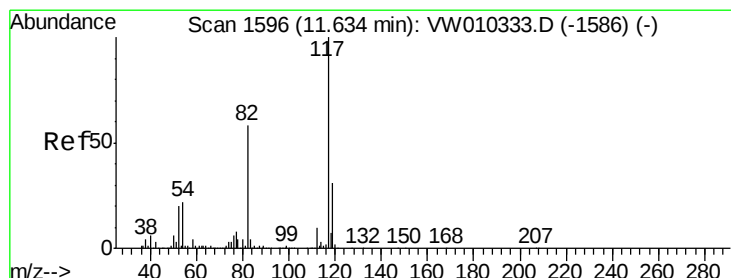
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.62 min Scan# 1594

Delta R.T. -0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

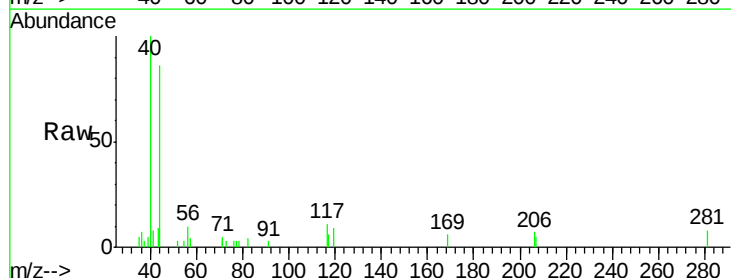
Tgt Ion: 117 Resp: 494

Ion Ratio Lower Upper

117 100

82 20.9 45.2 67.8#

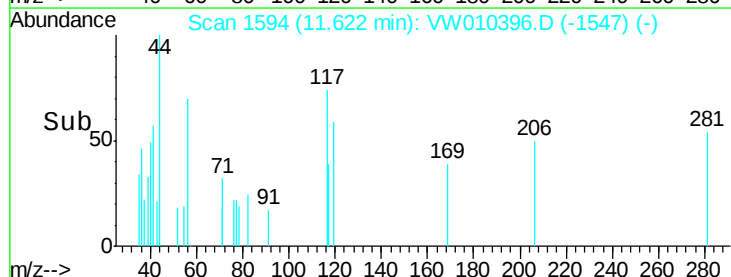
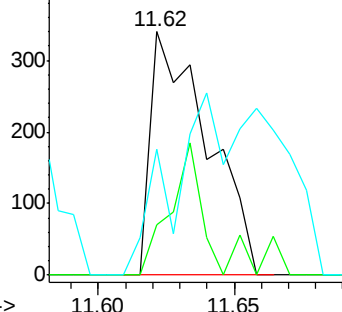
119 51.5 25.4 38.2#

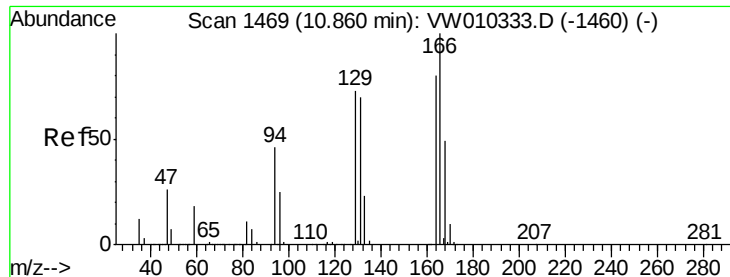


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 7.241 ug/l

RT: 10.75 min Scan# 1451

Delta R.T. -0.11 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

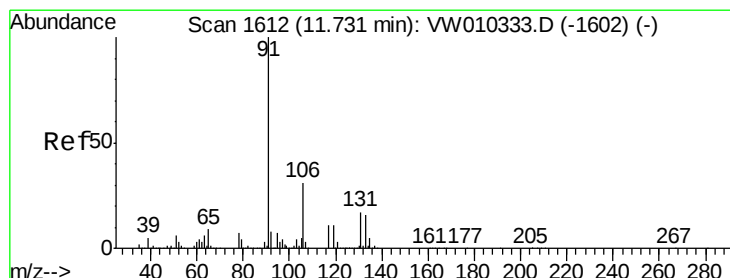
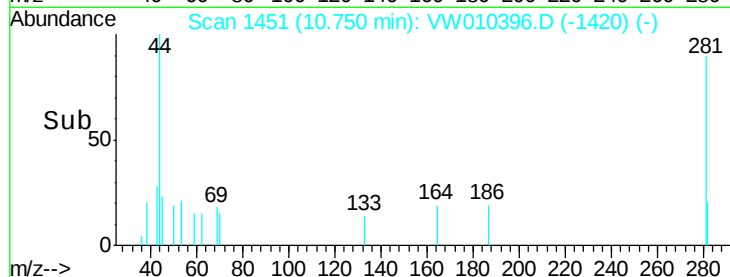
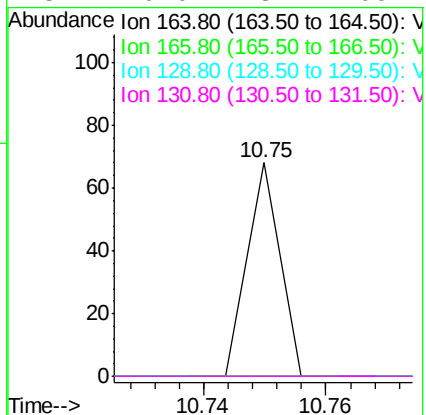
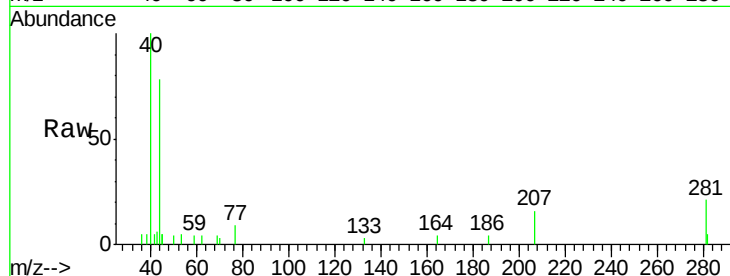
Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

Tot Ion:	164	Resp:	25
Ion	Ratio	Lower	Upper
164	100		
166	0.0	101.2	151.8#
129	0.0	77.8	116.6#
131	0.0	73.1	109.7#



#66

1,1,1,2-Tetrachloroethane

Concen: 15.913 ug/l

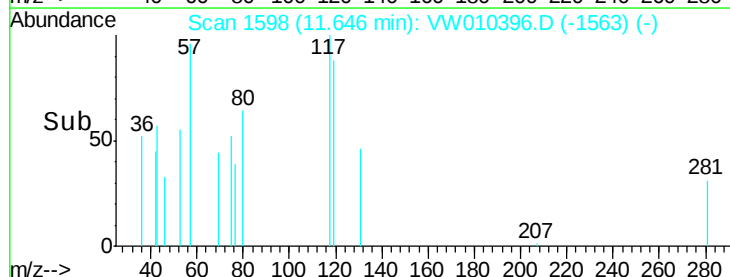
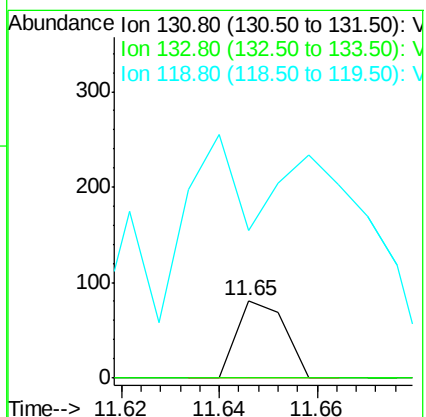
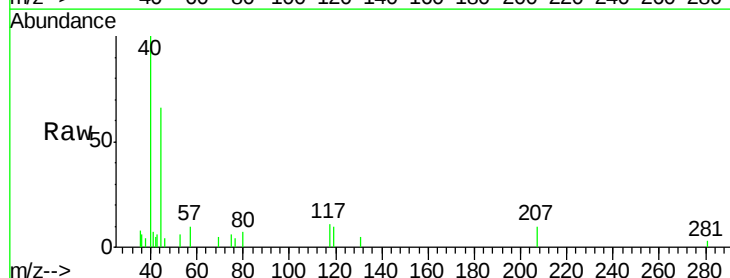
RT: 11.65 min Scan# 1598

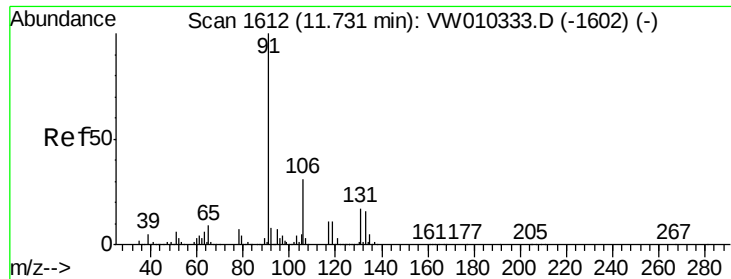
Delta R.T. -0.09 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Tgt Ion:	131	Resp:	55
Ion	Ratio	Lower	Upper
131	100		
133	0.0	46.5	139.5#
119	594.5	31.9	95.5#

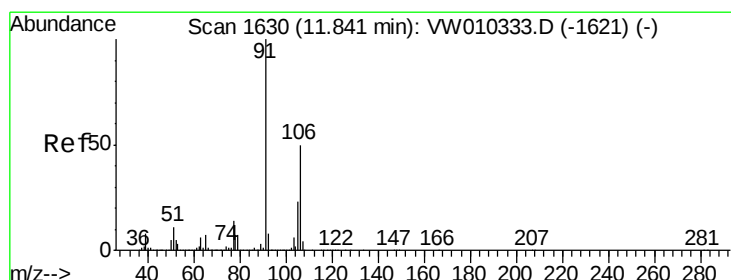
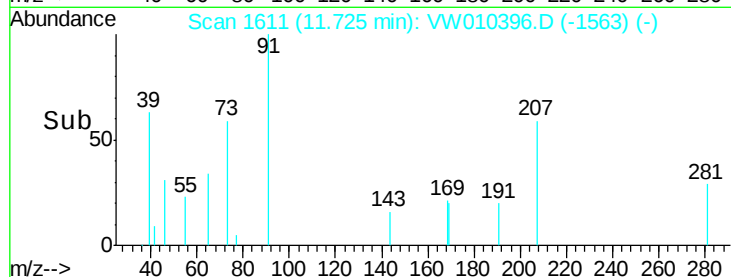
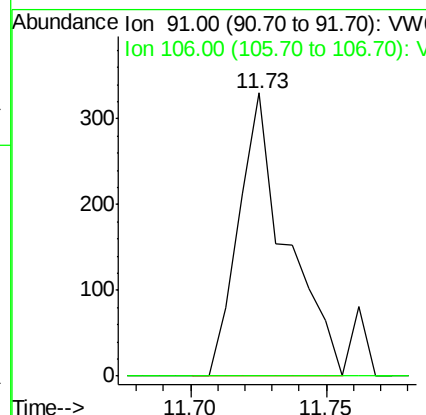
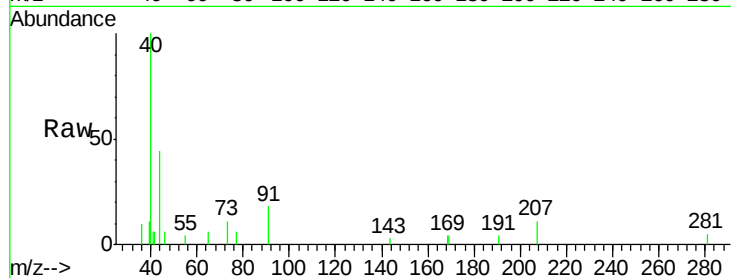




#67
Ethyl Benzene
Concen: 21.316 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

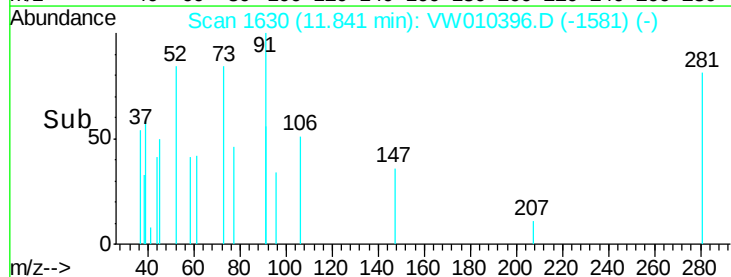
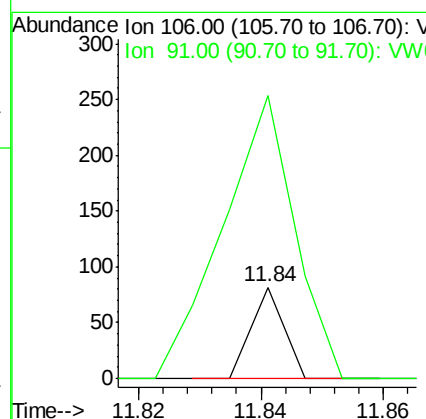
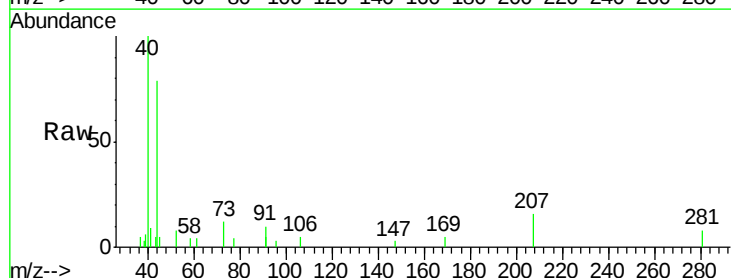
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

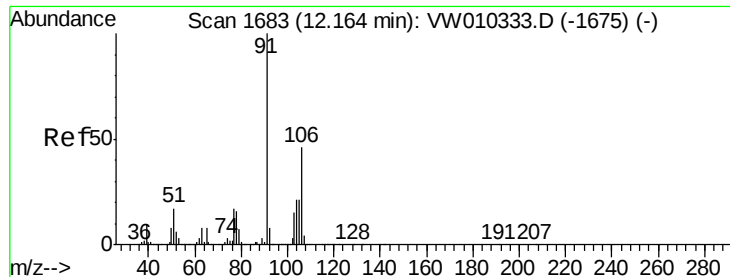
Tot Ion: 91 Resp: 401
Ion Ratio Lower Upper
91 100
106 0.0 23.8 35.8#



#68
m/p-Xylenes
Concen: 4.292 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion: 106 Resp: 30
Ion Ratio Lower Upper
106 100
91 686.7 165.0 247.6#

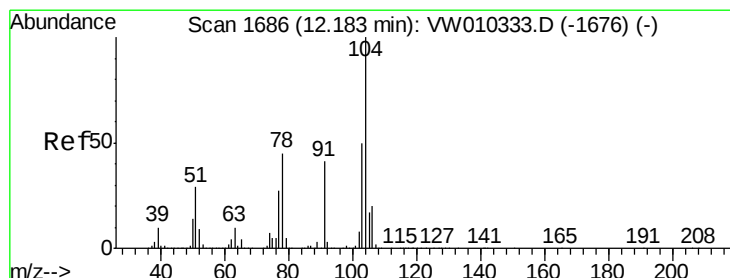
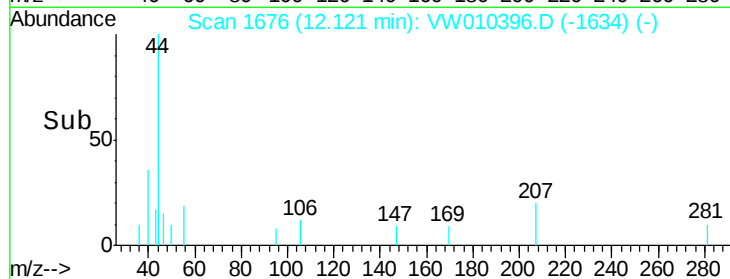
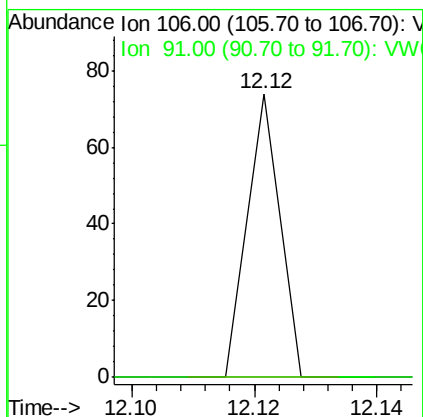
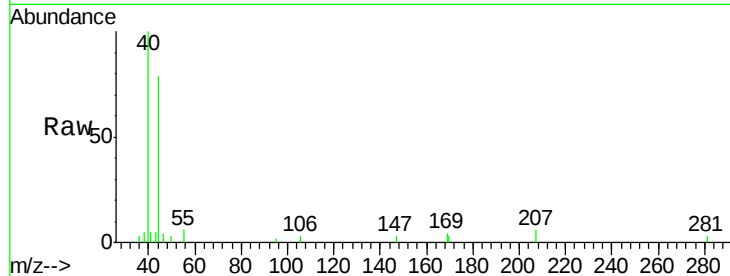




#69
o-Xylene
Concen: 4.270 ug/l
RT: 12.12 min Scan# 1676
Delta R.T. -0.04 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

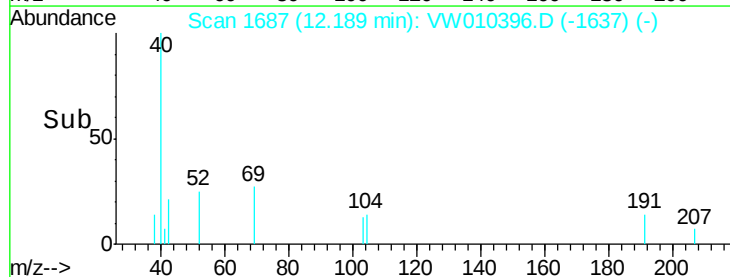
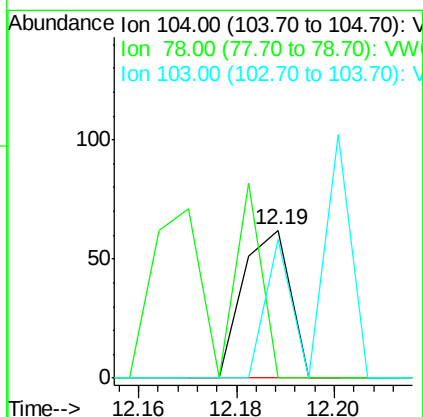
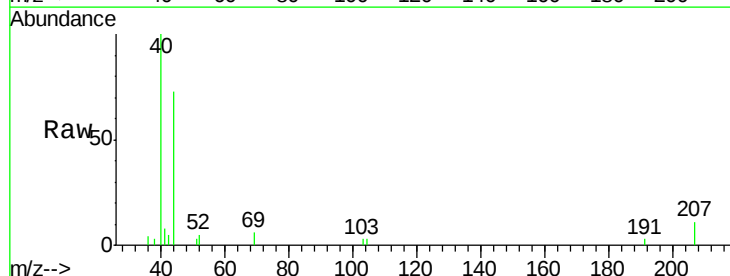
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

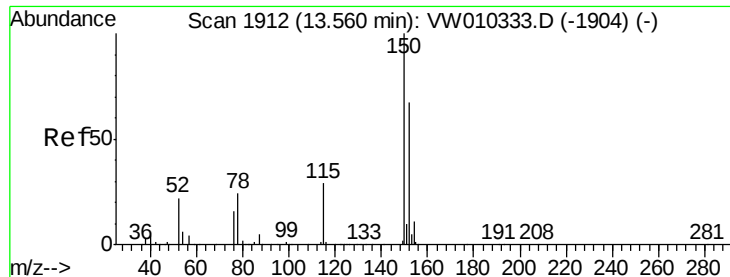
Tot Ion:106 Resp: 27
Ion Ratio Lower Upper
106 100
91 0.0 110.5 331.4#



#70
Styrene
Concen: 3.722 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion:104 Resp: 41
Ion Ratio Lower Upper
104 100
78 0.0 42.5 63.7#
103 143.9 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

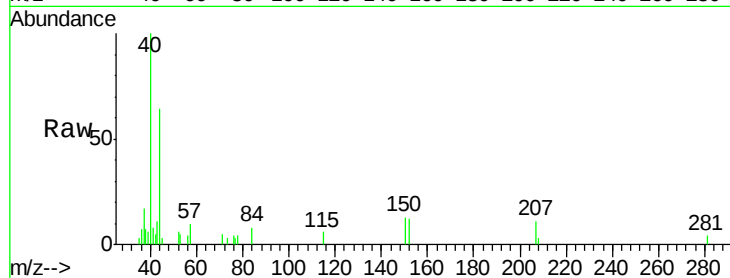
Tot Ion:152 Resp: 293

Ion Ratio Lower Upper

152 100

115 47.8 30.4 91.2

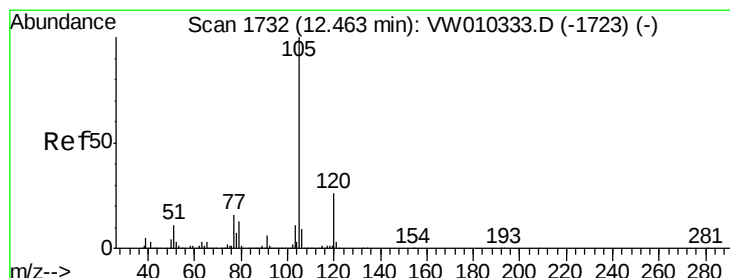
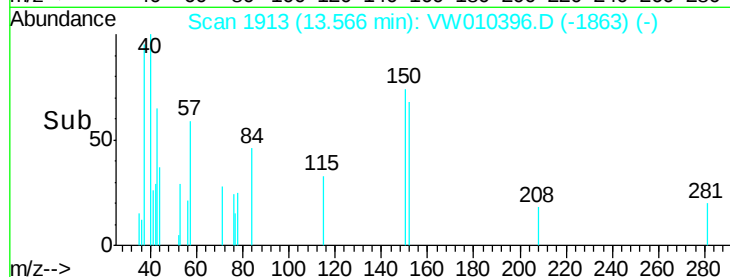
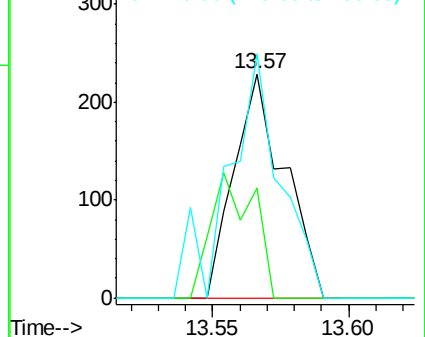
150 112.3 0.0 347.0



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: 5.759 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010396.D

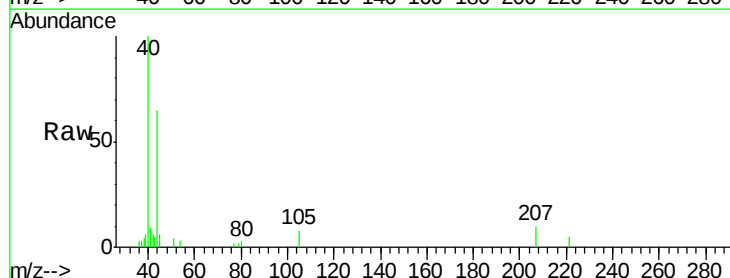
Acq: 11 May 2019 22:19

Tgt Ion:105 Resp: 123

Ion Ratio Lower Upper

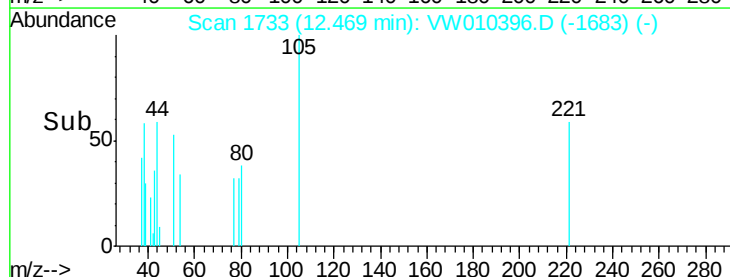
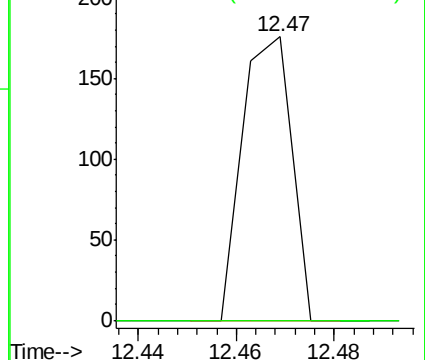
105 100

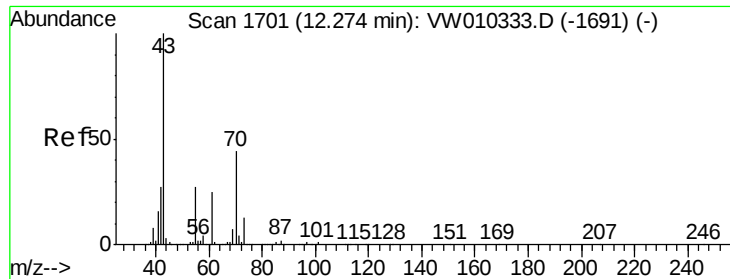
120 0.0 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

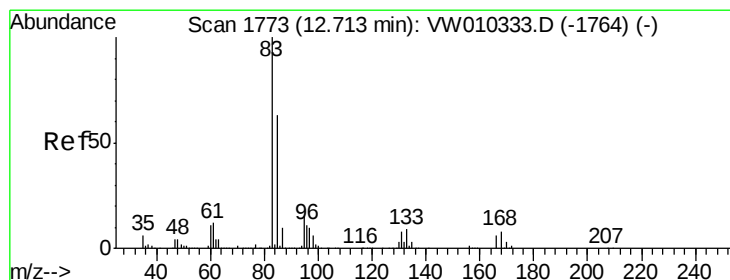
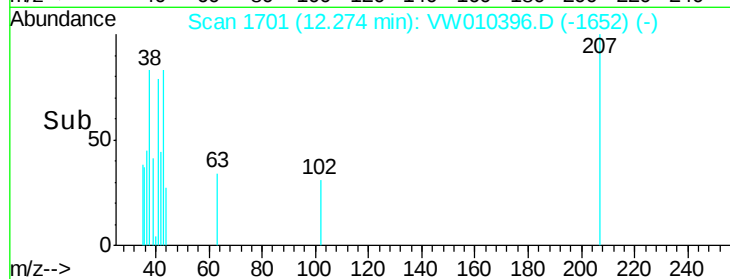
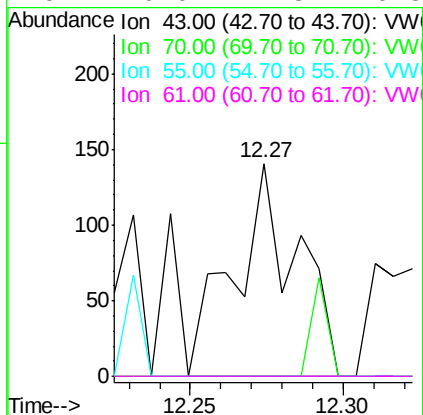
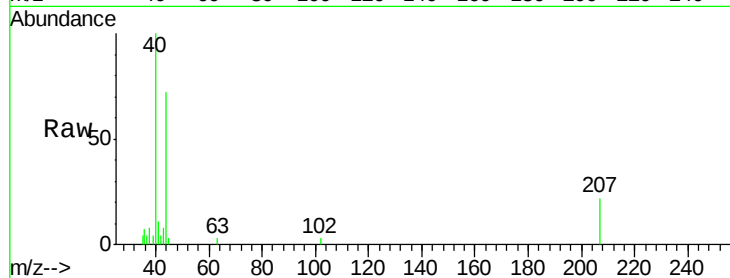




#74
N-amvl acetate
Concen: 36.429 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

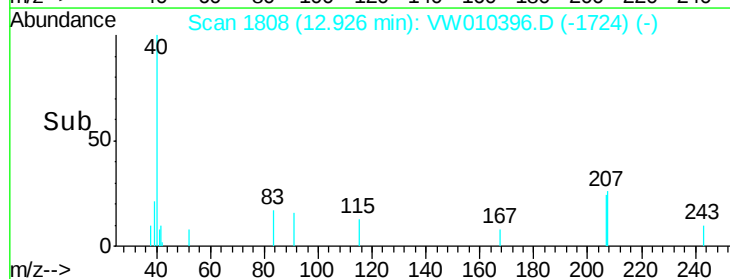
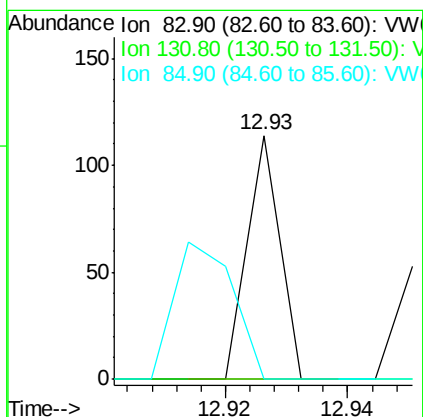
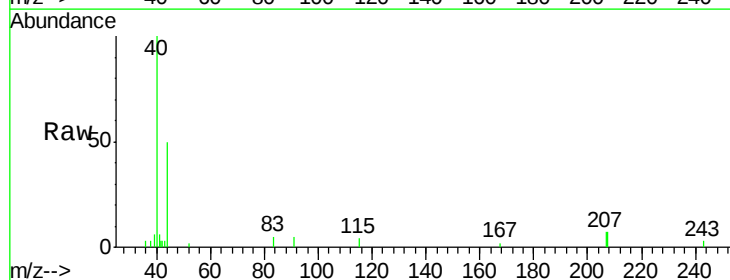
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0612-01

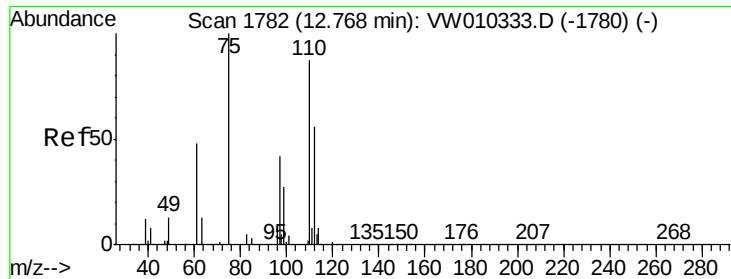
Tot Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
70 11.9 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 8.925 ug/l
RT: 12.93 min Scan# 1808
Delta R.T. 0.21 min
Lab File: VW010396.D
Acq: 11 May 2019 22:19

Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 102.4 32.0 96.2#

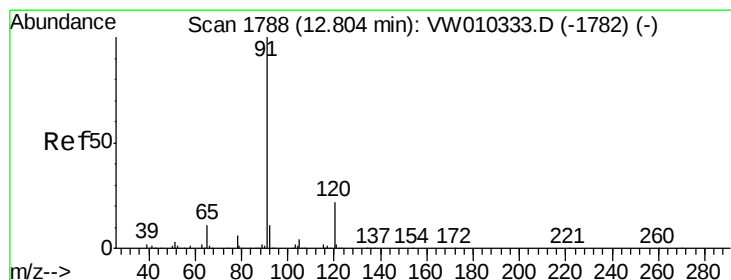
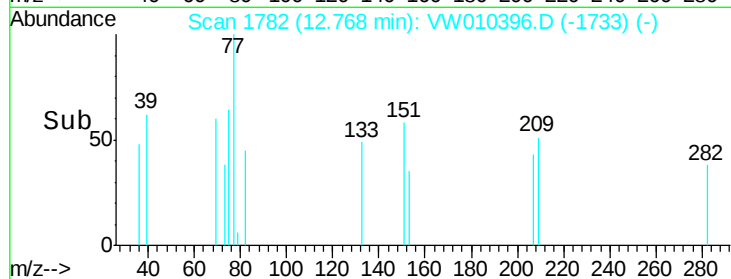
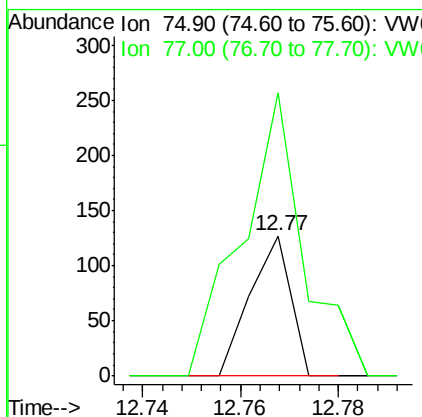
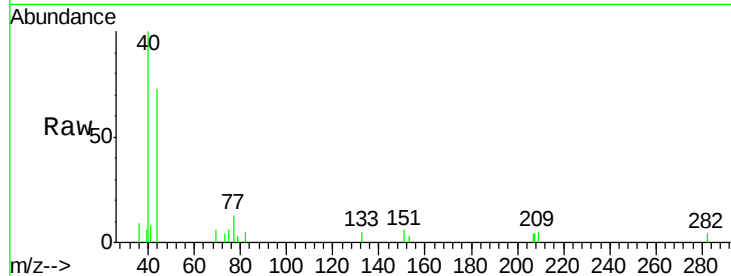




#76
 1,2,3-Trichloropropane
 Concen: 21.369 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

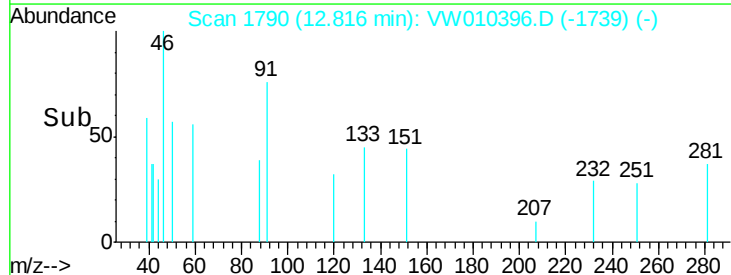
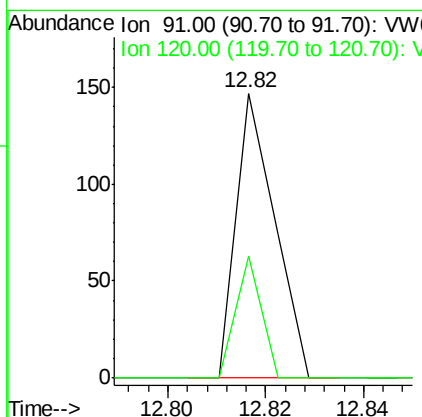
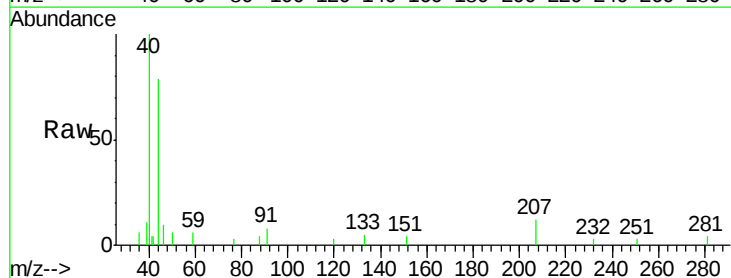
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

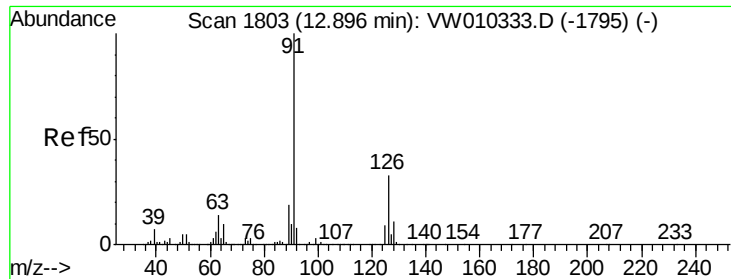
Tot Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 77 306.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 3.071 ug/l
 RT: 12.82 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Tgt Ion: 91 Resp: 81
 Ion Ratio Lower Upper
 91 100
 120 28.4 11.1 33.1

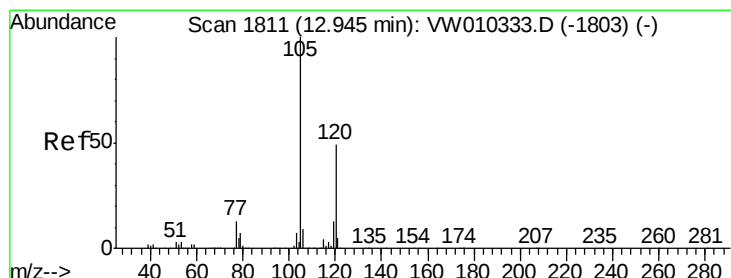
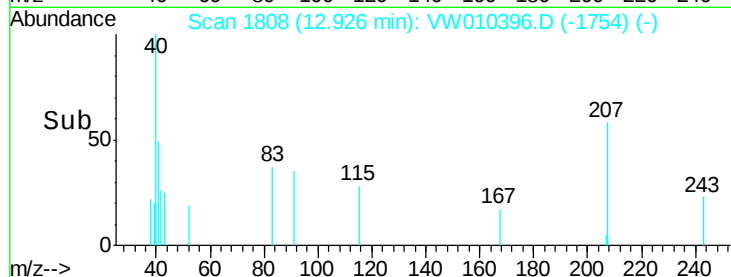
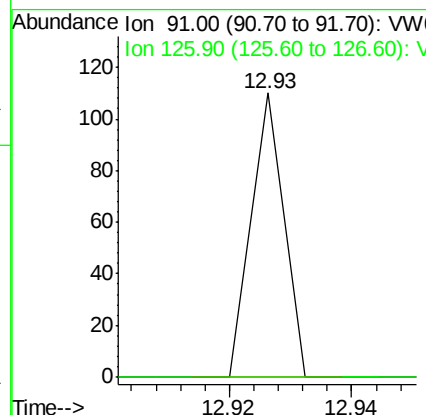
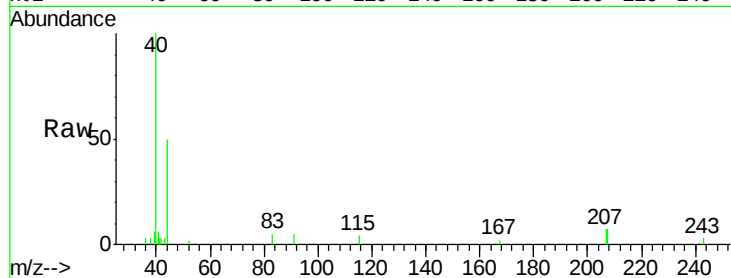




#79
 2-Chlorotoluene
 Concen: 2.663 ug/l
 RT: 12.93 min Scan# 1808
 Delta R.T. 0.03 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

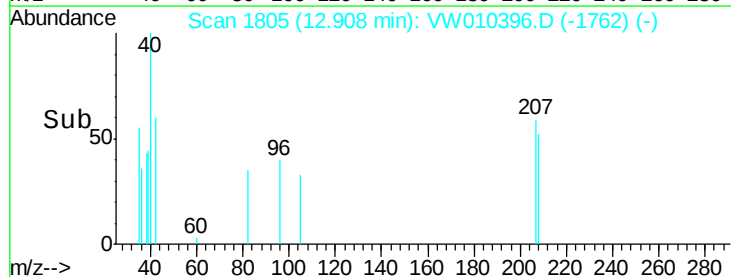
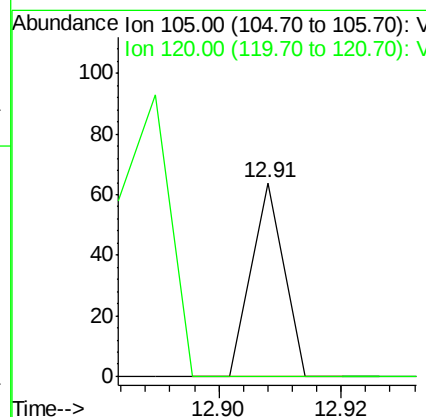
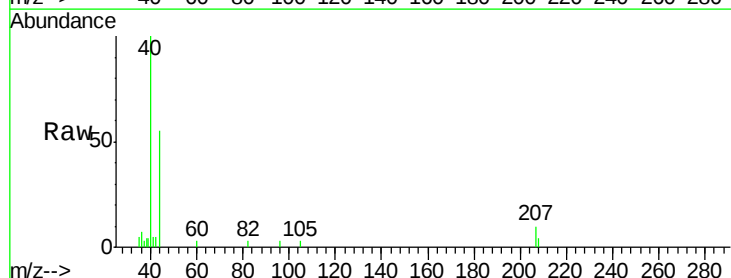
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

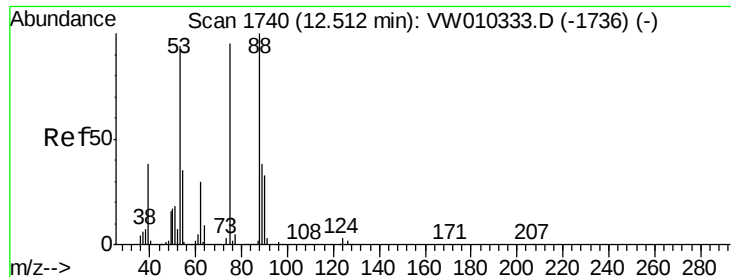
Tot Ion: 91 Resp: 40
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.277 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Tgt Ion: 105 Resp: 23
 Ion Ratio Lower Upper
 105 100
 120 239.1 24.3 72.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 126.925 ug/l

RT: 12.61 min Scan# 1756

Delta R.T. 0.10 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

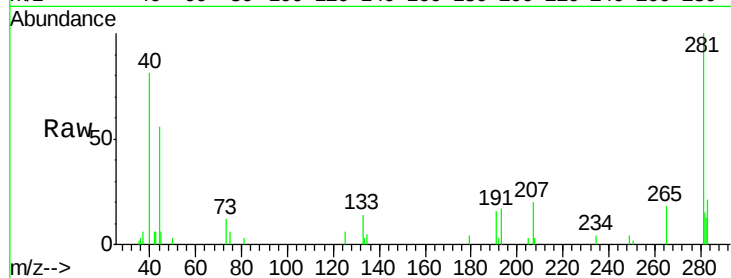
Tot Ion: 75 Resp: 192

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.8#

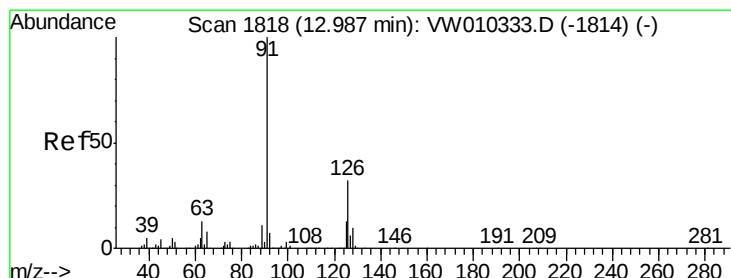
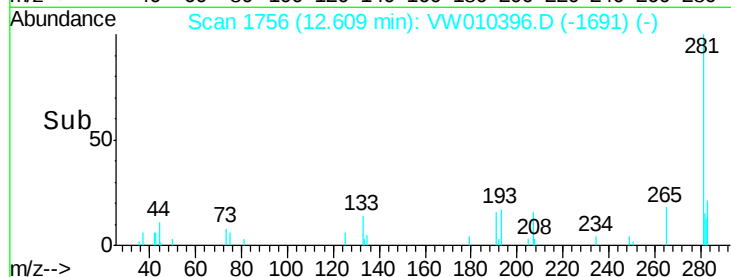
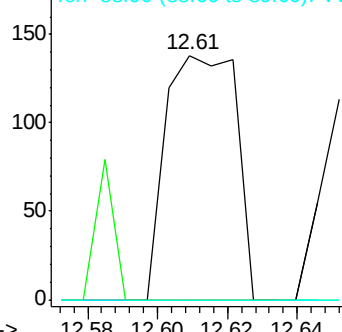
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.334 ug/l

RT: 12.98 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VW010396.D

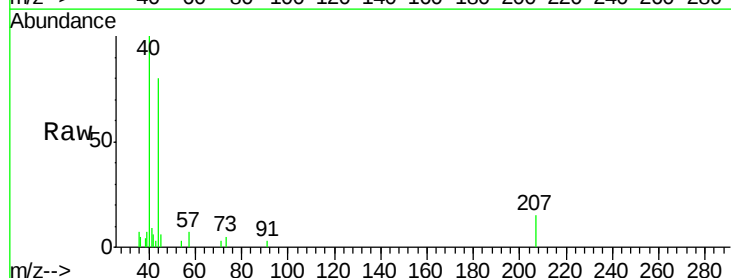
Acq: 11 May 2019 22:19

Tgt Ion: 91 Resp: 21

Ion Ratio Lower Upper

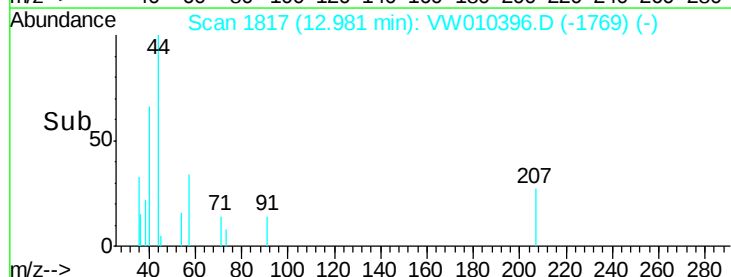
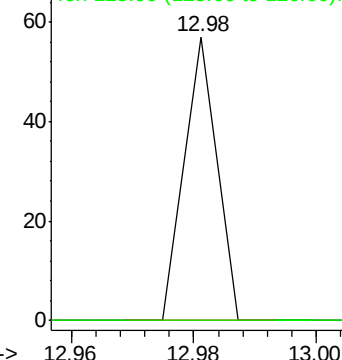
91 100

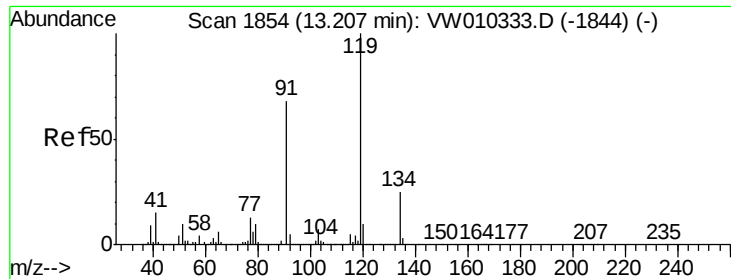
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

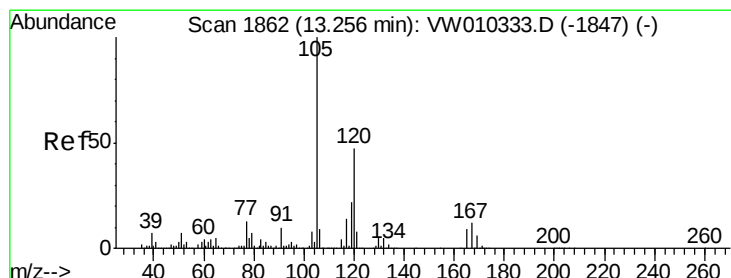
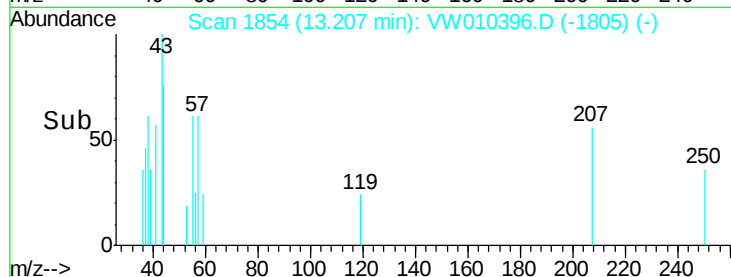
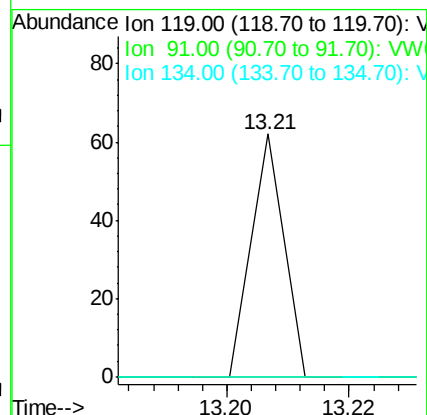
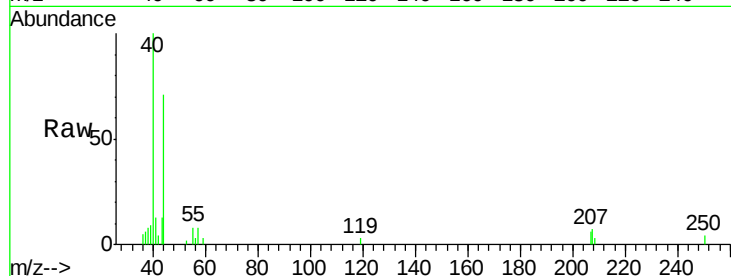




#83
 tert-Butylbenzene
 Concen: 1.532 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

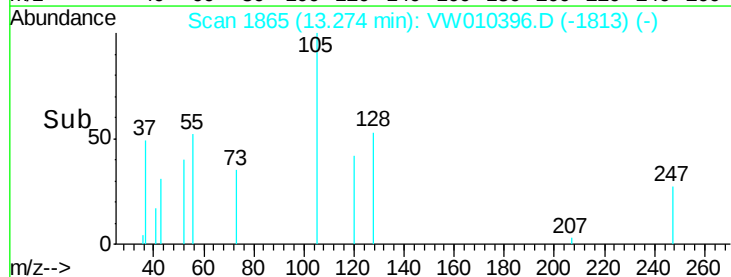
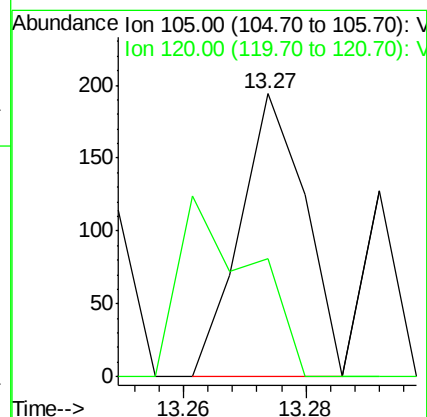
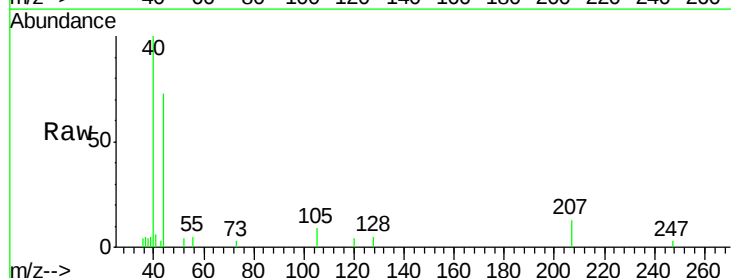
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

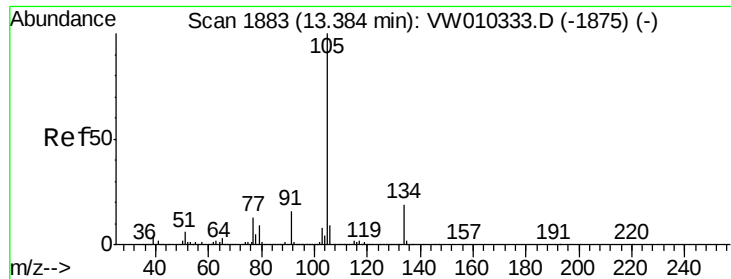
Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.8	104.4#
134	0.0	13.7	41.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 7.937 ug/l
 RT: 13.27 min Scan# 1865
 Delta R.T. 0.02 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	71.1	22.6	67.7#

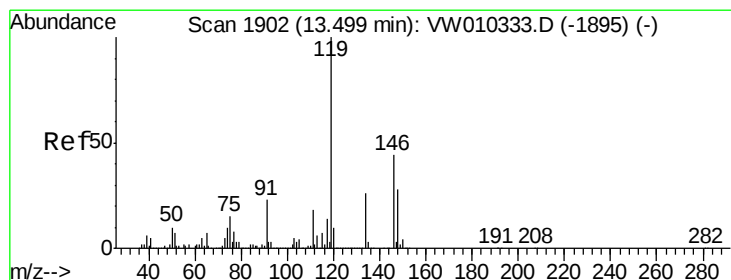
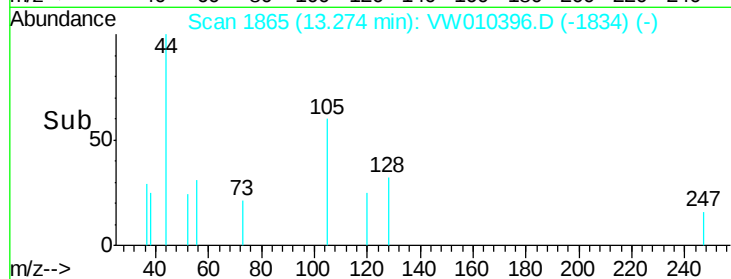
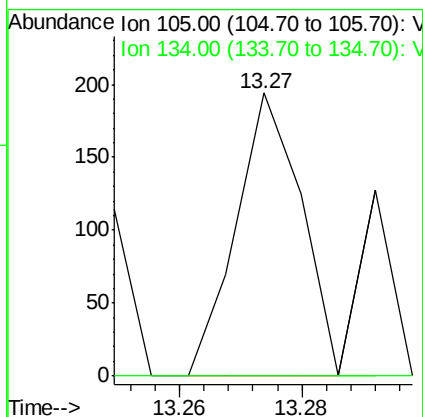
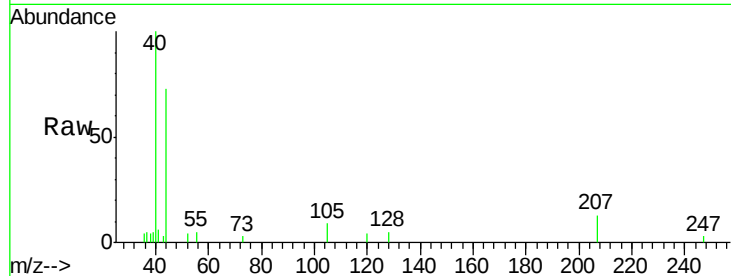




#85
 sec-Butylbenzene
 Concen: 6.405 ug/l
 RT: 13.27 min Scan# 1865
 Delta R.T. -0.11 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

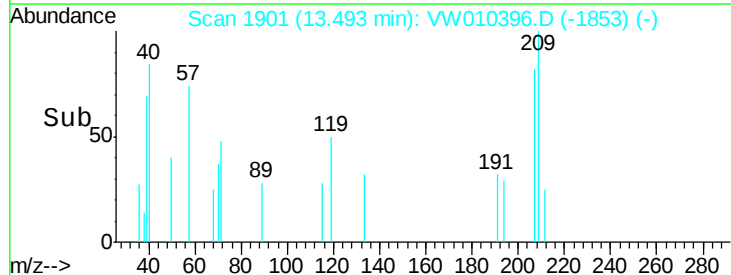
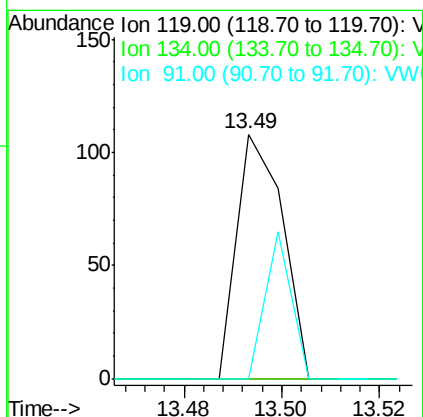
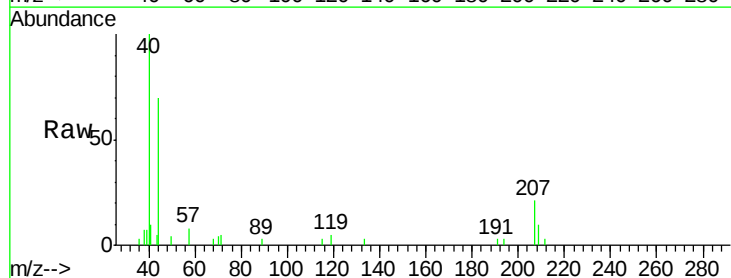
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

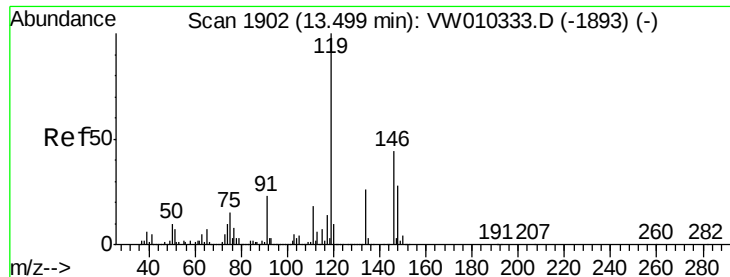
Tot Ion:105 Resp: 142
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 3.556 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW010396.D
 Acq: 11 May 2019 22:19

Tgt Ion:119 Resp: 70
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 38.9#
 91 34.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 24.716 ug/l

RT: 13.59 min Scan# 1917

Delta R.T. 0.09 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

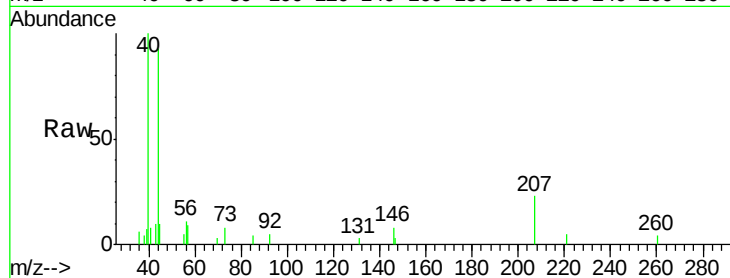
Tot Ion:146 Resp: 238

Ion Ratio Lower Upper

146 100

111 0.0 20.3 61.0#

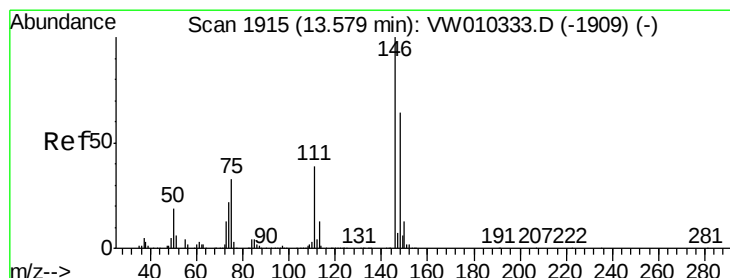
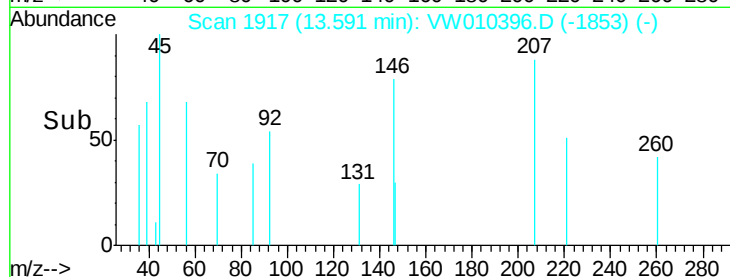
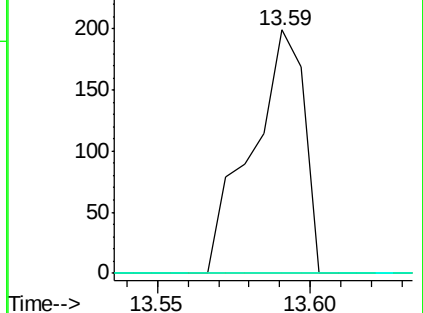
148 0.0 32.0 96.2#



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



#88

1,4-Dichlorobenzene

Concen: 24.906 ug/l

RT: 13.59 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

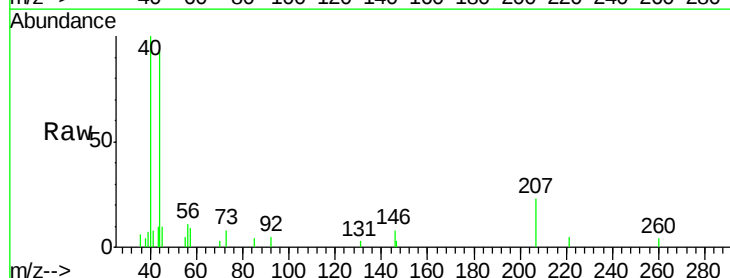
Tgt Ion:146 Resp: 238

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.3#

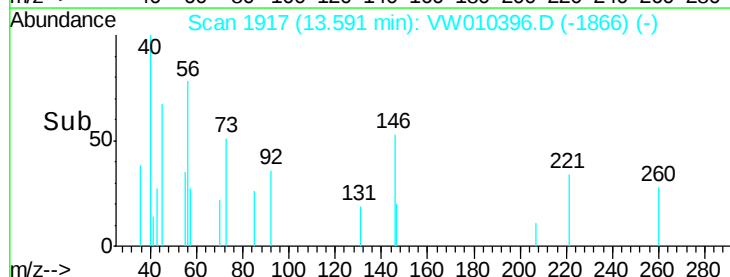
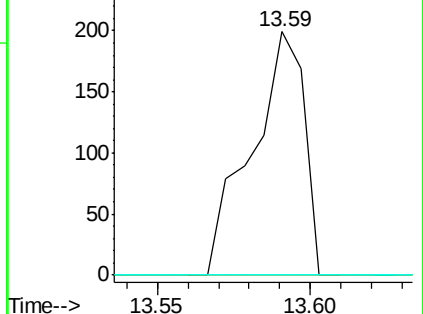
148 0.0 31.8 95.3#

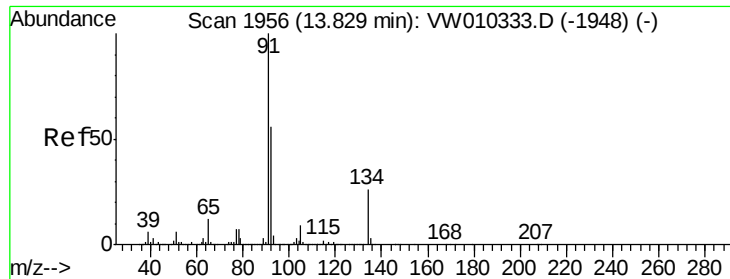


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.013 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

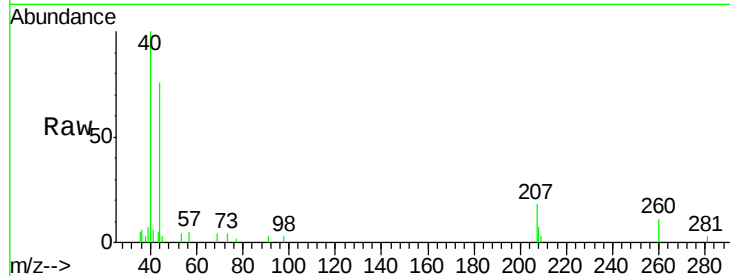
Tot Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.4#

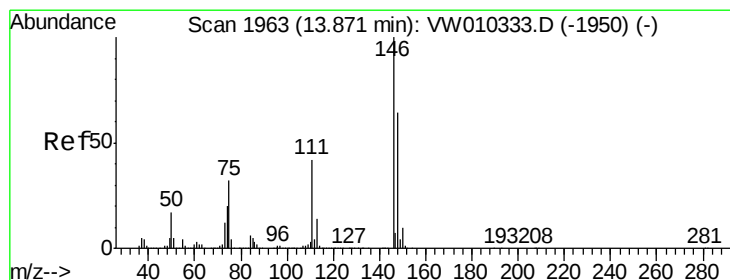
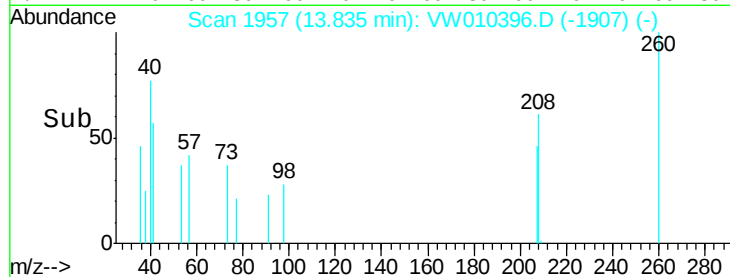
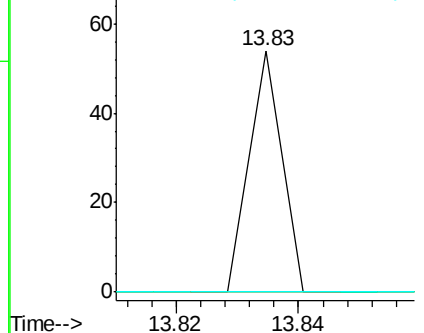
134 0.0 12.4 37.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 14.195 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

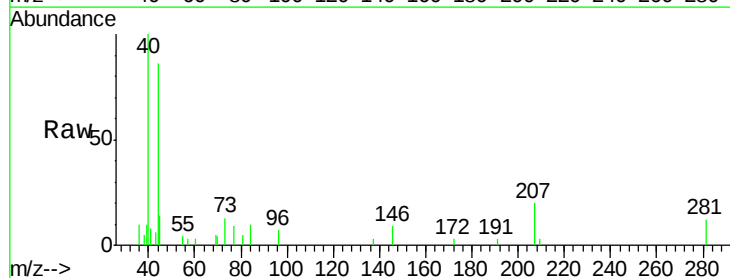
Tgt Ion: 146 Resp: 121

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

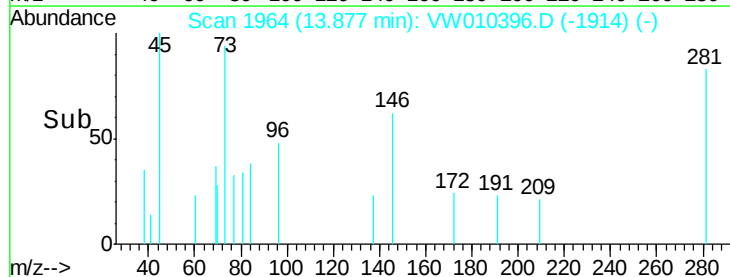
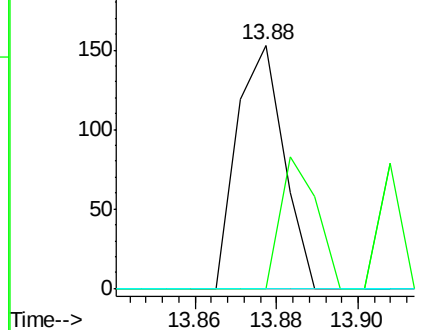
148 0.0 31.9 95.7#

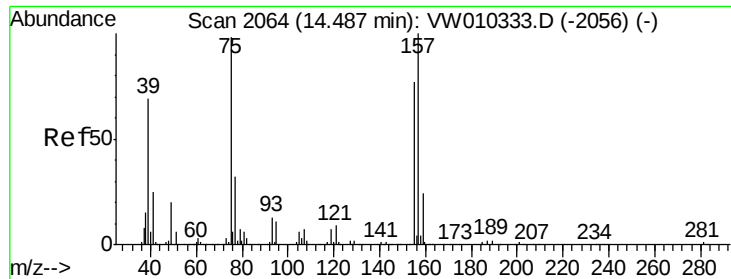


Abundance Ion 145.90 (145.60 to 146.60): V

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: 64.906 ug/l

RT: 14.54 min Scan# 2072

Delta R.T. 0.05 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

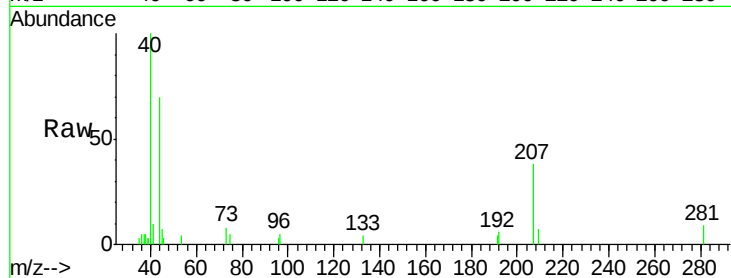
Tot Ion: 75 Resp: 55

Ion Ratio Lower Upper

75 100

155 0.0 37.1 111.5#

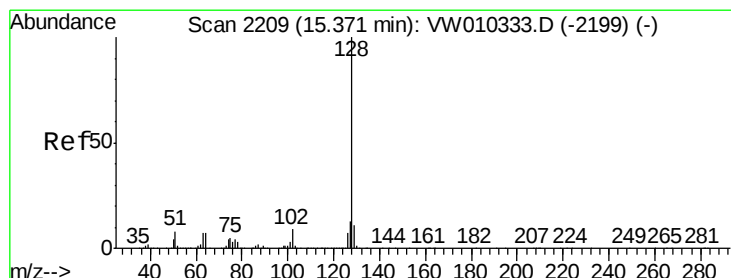
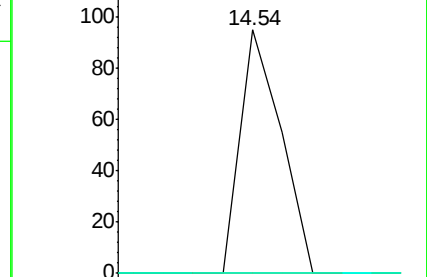
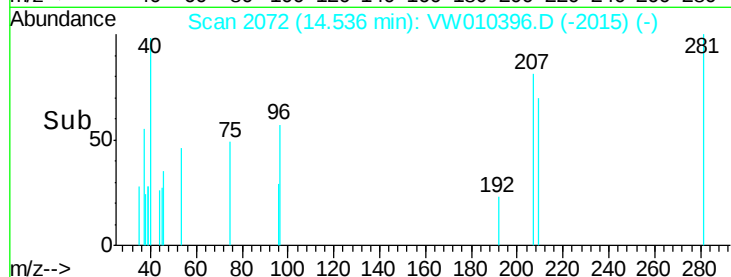
157 0.0 47.3 141.9#



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



#95

Naphthalene

Concen: 45.286 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

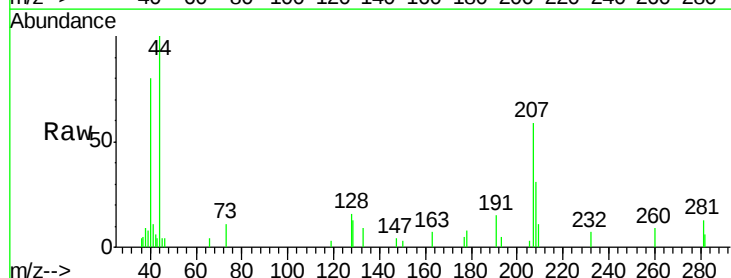
Tgt Ion: 128 Resp: 597

Ion Ratio Lower Upper

128 100

127 3.2 10.6 15.8#

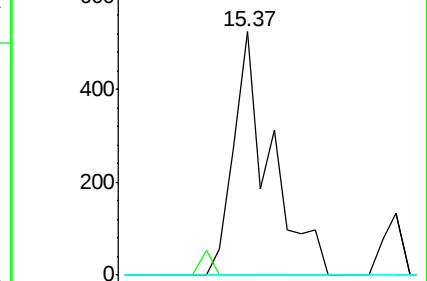
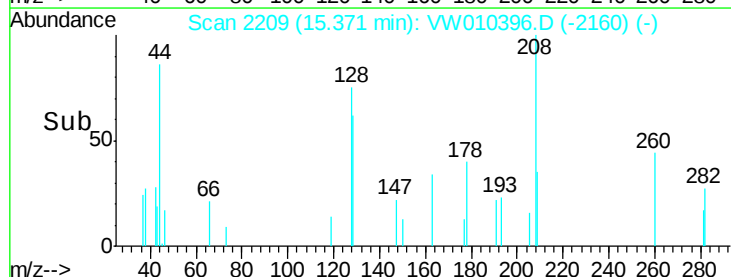
129 0.0 8.7 13.1#

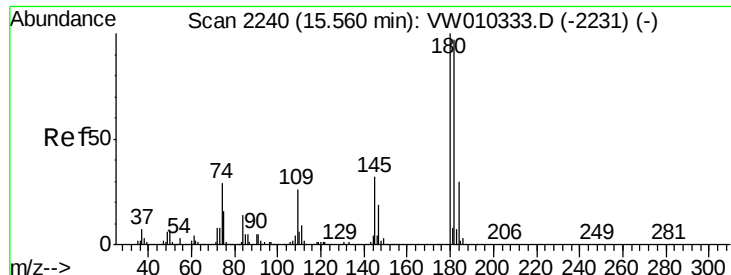


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 5.328 ug/l

RT: 15.55 min Scan# 2238

Delta R.T. -0.01 min

Lab File: VW010396.D

Acq: 11 May 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0612-01

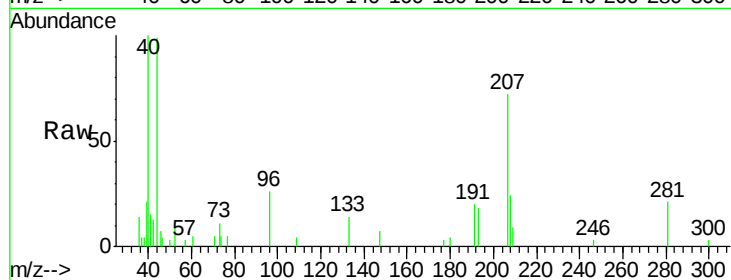
Tot Ion:180 Resp: 28

Ion Ratio Lower Upper

180 100

182 253.6 47.8 143.3#

145 0.0 16.4 49.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

