

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010366.D
 Acq On : 10 May 2019 19:56
 Operator : SY/VA
 Sample : K2718-09MS
 Misc : 4.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Quant Time: May 10 23:20:31 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	124559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102803	77.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.26%	
35) Dibromofluoromethane	7.88	113	80136	78.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.18%	
50) Toluene-d8	10.32	98	206357	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	28206	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72466	75.629	ug/l	90
3) Chloromethane	2.21	50	91813	72.008	ug/l	97
4) Vinyl Chloride	2.36	62	118346	74.685	ug/l	96
5) Bromomethane	2.78	94	40744	44.588	ug/l	100
6) Chloroethane	2.92	64	75338	82.212	ug/l	90
7) Trichlorofluoromethane	3.25	101	117107	147.627	ug/l	99
8) Diethyl Ether	3.67	74	75943	108.899	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	95254	73.282	ug/l	96
10) Methyl Iodide	4.25	142	48162	26.165	ug/l	94
11) Tert butyl alcohol	5.18	59	61816	661.001	ug/l	99
12) 1,1-Dichloroethene	4.03	96	73125	53.838	ug/l	99
13) Acrolein	3.89	56	524	4.244	ug/l	88
14) Allyl chloride	4.66	41	107738	53.139	ug/l	93
15) Acrylonitrile	5.37	53	85823	222.036	ug/l	98
16) Acetone	4.12	43	175838	509.354	ug/l	92
17) Carbon Disulfide	4.36	76	154947	37.719	ug/l	99
18) Methyl Acetate	4.67	43	119685	139.970	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	282009	174.415	ug/l	97
20) Methylene Chloride	4.90	84	107889	74.929	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	60701	41.518	ug/l	96
22) Diisopropyl ether	6.31	45	351343	89.291	ug/l #	98
23) Vinyl Acetate	6.31	43	208008	76.988	ug/l #	77
24) 1,1-Dichloroethane	6.21	63	202486	76.433	ug/l	100
25) 2-Butanone	7.18	43	128232	242.811	ug/l	94
26) 2,2-Dichloropropane	7.16	77	100481	76.233	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	72991	48.546	ug/l	99
28) Bromochloromethane	7.50	49	74324	76.098	ug/l #	18
29) Tetrahydrofuran	7.53	42	154202	451.428	ug/l	98
30) Chloroform	7.67	83	183104	73.854	ug/l	97
31) Cyclohexane	7.95	56	122783	45.266	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	160278	83.461	ug/l	97
36) 1,1-Dichloropropene	8.07	75	83484	43.908	ug/l	99
37) Ethyl Acetate	7.18	43	128232	126.668	ug/l #	1
38) Carbon Tetrachloride	8.06	117	122602	75.222	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67383	28.970	ug/l	93
40) Benzene	8.32	78	346335	66.512	ug/l	98
41) Methacrylonitrile	7.53	41	108462	191.043	ug/l #	53
42) 1,2-Dichloroethane	8.40	62	124077	83.246	ug/l	96
44) Trichloroethene	9.09	130	55497	42.572	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109478	84.582	ug/l	100
46) Dibromomethane	9.46	93	48016	71.809	ug/l	99
47) Bromodichloromethane	9.65	83	122015	76.070	ug/l	97
48) Methyl methacrylate	9.44	41	24673	31.080	ug/l #	88
49) 1,4-Dioxane	9.45	88	25966	2226.746	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	222931	231.563	ug/l	97
52) Toluene	10.38	92	150919	47.419	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	48016	29.554	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	59510	30.928	ug/l #	87
55) 1,1,2-Trichloroethane	10.79	97	78146	82.283	ug/l	97
57) 1,3-Dichloropropane	10.93	76	115823	68.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121850	202.924	ug/l	100
59) 2-Hexanone	10.97	43	44550	65.449	ug/l	98
60) Dibromochloromethane	11.13	129	68657	67.181	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45761	50.193	ug/l	96
64) Tetrachloroethene	10.87	164	45654	66.958	ug/l	90
65) Chlorobenzene	11.66	112	95705	47.393	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	79426	116.370	ug/l	95
67) Ethyl Benzene	11.73	91	172156	46.342	ug/l	99
68) m/p-Xylenes	11.84	106	116933	84.718	ug/l	100
69) o-Xylene	12.16	106	68899	55.182	ug/l	98
70) Styrene	12.18	104	61449	28.245	ug/l	91
71) Bromoform	12.35	173	33993	87.125	ug/l #	98
73) Isopropylbenzene	12.46	105	151741	117.715	ug/l	99
74) N-amyl acetate	12.28	43	462	1.387	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.71	83	91640	322.647	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	79018	383.225	ug/l #	100
77) Bromobenzene	12.75	156	28597	98.250	ug/l	69
78) n-propylbenzene	12.80	91	106334	66.788	ug/l	100
79) 2-Chlorotoluene	12.90	91	77841	85.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	98299	90.453	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6163	67.500	ug/l	95
82) 4-Chlorotoluene	12.99	91	56008	58.957	ug/l	98
83) tert-Butylbenzene	13.21	119	100620	111.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86505	80.104	ug/l	99
85) sec-Butylbenzene	13.38	105	90998	68.004	ug/l	99
86) p-Isopropyltoluene	13.50	119	65233	54.906	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	29883	51.415	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	25645	44.462	ug/l	97
89) n-Butylbenzene	13.83	91	28064	23.558	ug/l	96
90) Hexachloroethane	14.10	117	24885	112.928	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	34625	67.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11059	216.222	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	4624	13.169	ug/l	86
94) Hexachlorobutadiene	15.24	225	6536	29.035	ug/l	99

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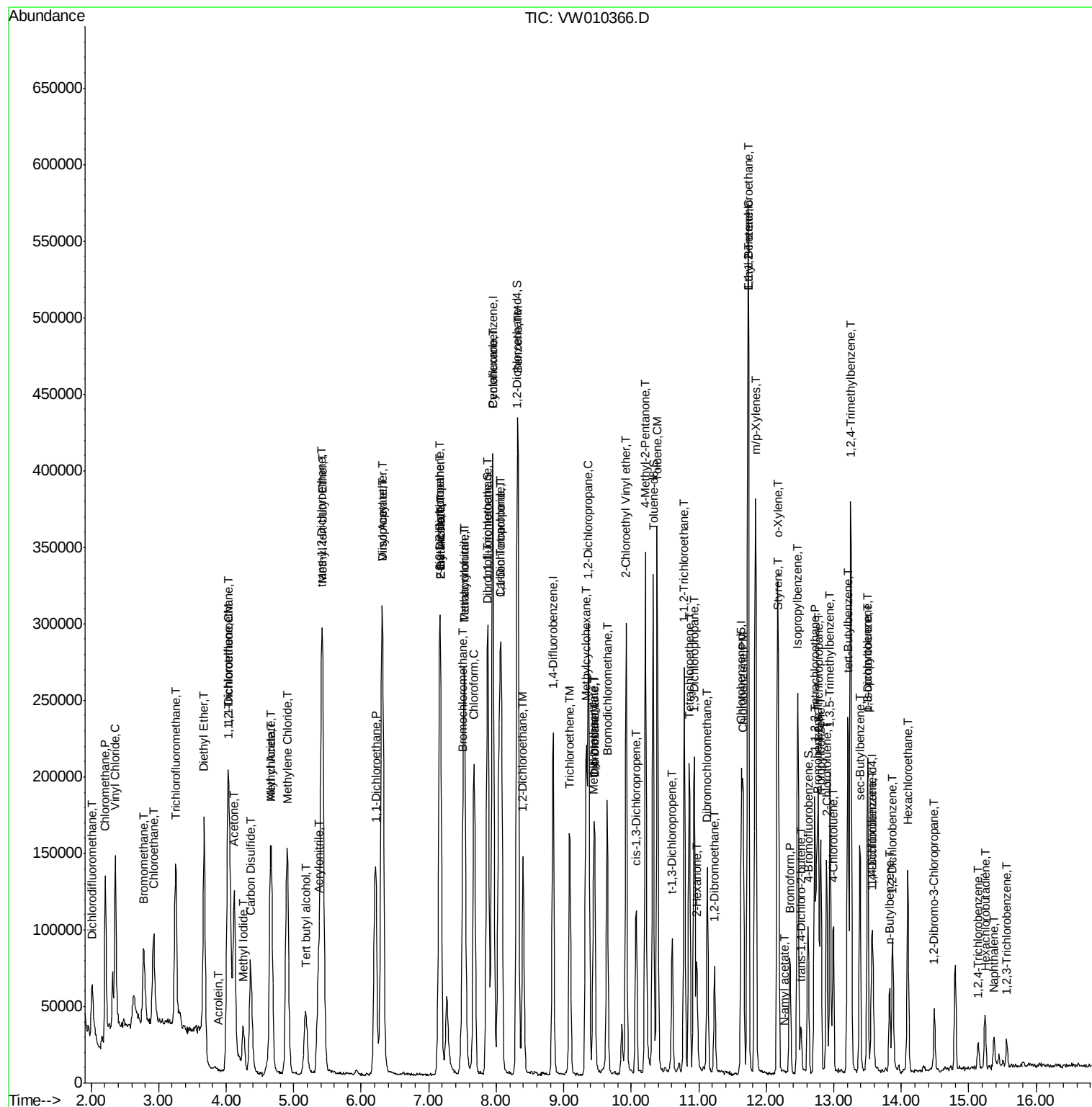
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.37	128	17195	23.489	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	6403	20.185	ug/l	90

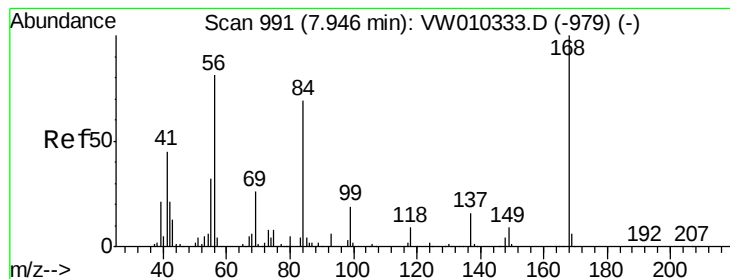
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

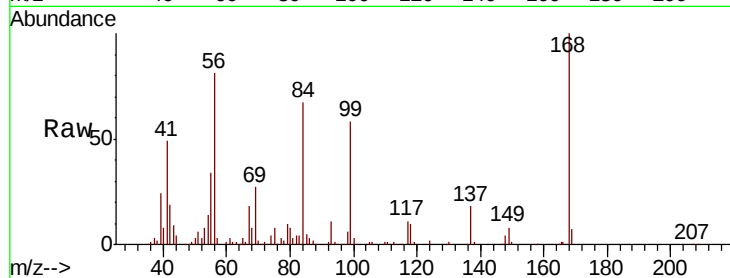
P026-SS006-0002-01MS

Tgt Ion:168 Resp: 124559

Ion Ratio Lower Upper

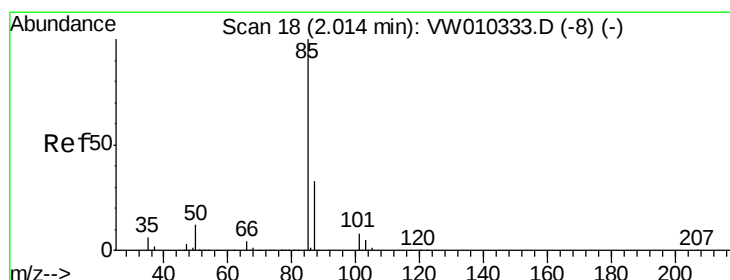
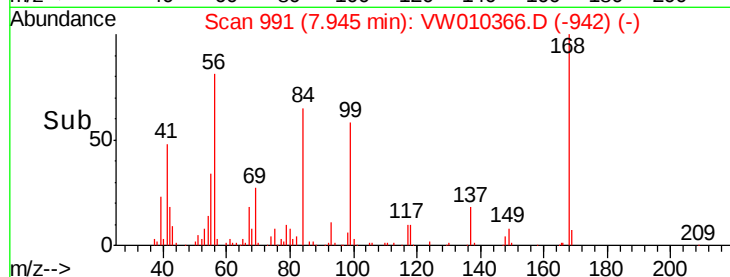
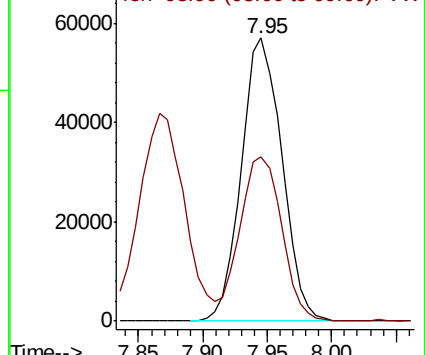
168 100

99 57.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 75.629 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010366.D

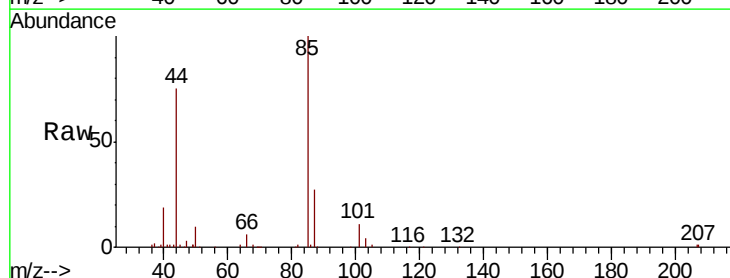
Acq: 10 May 2019 19:56

Tgt Ion: 85 Resp: 72466

Ion Ratio Lower Upper

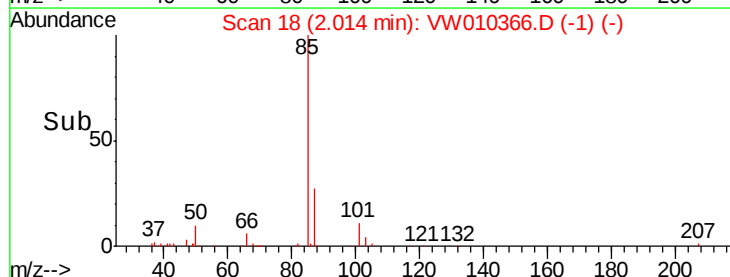
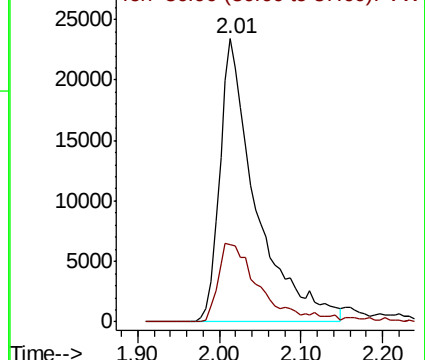
85 100

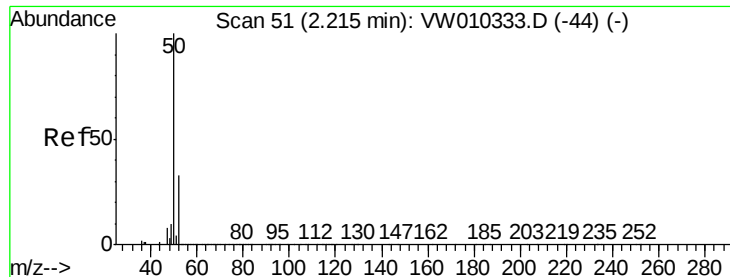
87 27.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 72.008 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

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ClientSampleId :

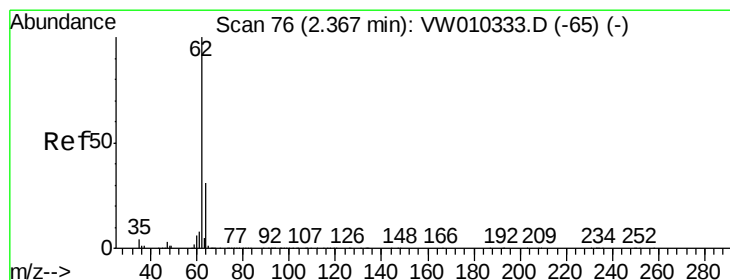
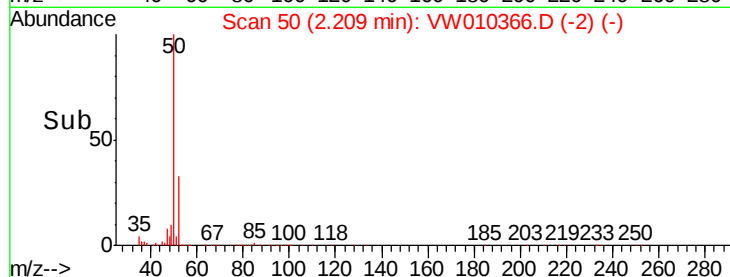
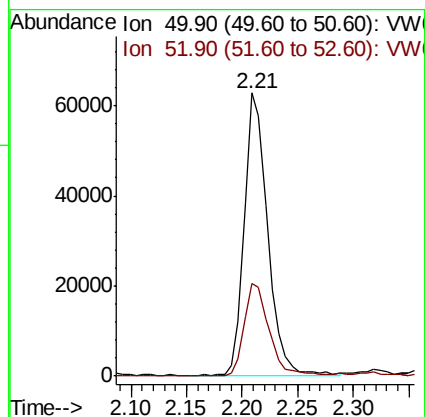
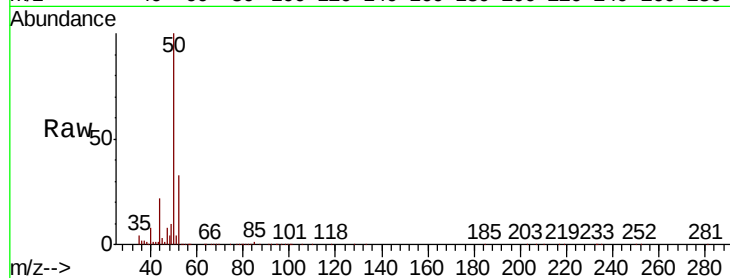
P026-SS006-0002-01MS

Tgt Ion: 50 Resp: 91813

Ion Ratio Lower Upper

50 100

52 32.8 25.0 37.6



#4

Vinyl Chloride

Concen: 74.685 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW010366.D

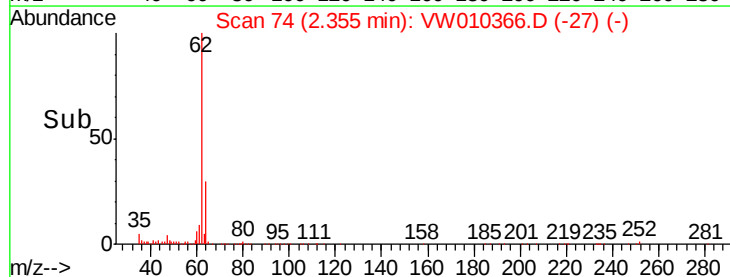
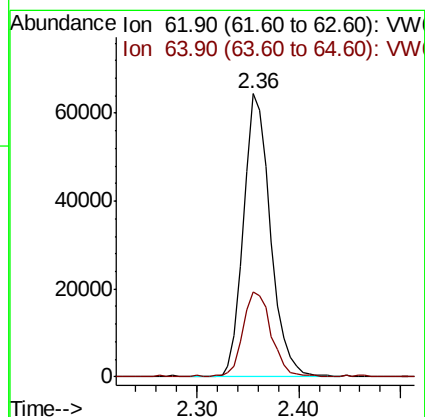
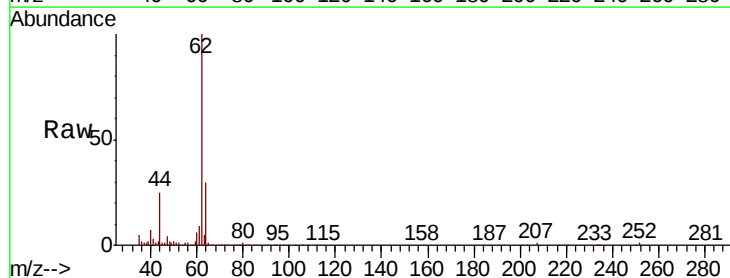
Acq: 10 May 2019 19:56

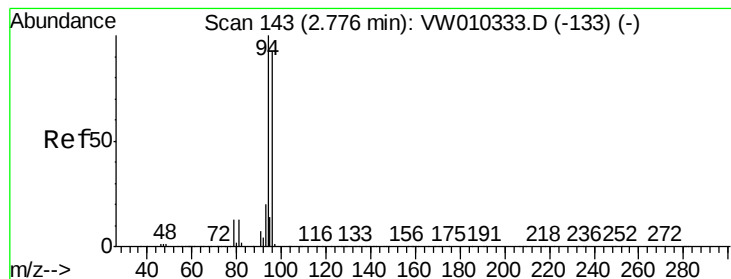
Tgt Ion: 62 Resp: 118346

Ion Ratio Lower Upper

62 100

64 30.0 25.9 38.9





#5

Bromomethane

Concen: 44.588 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

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ClientSampleId :

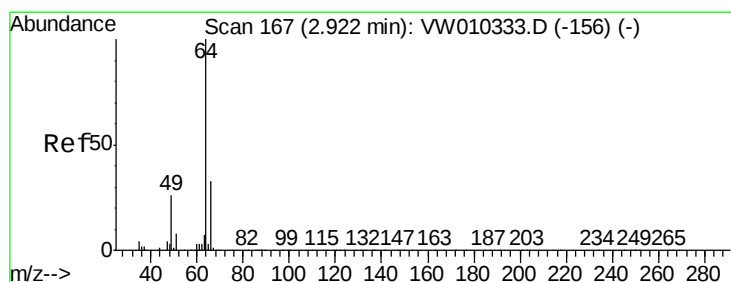
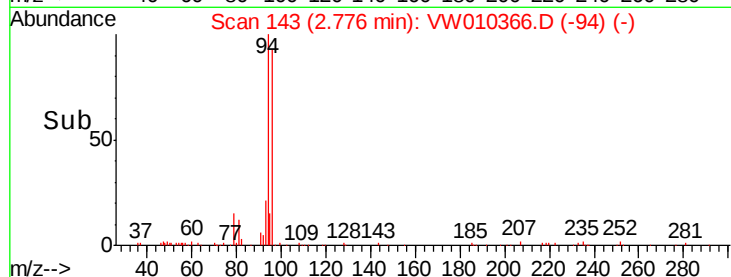
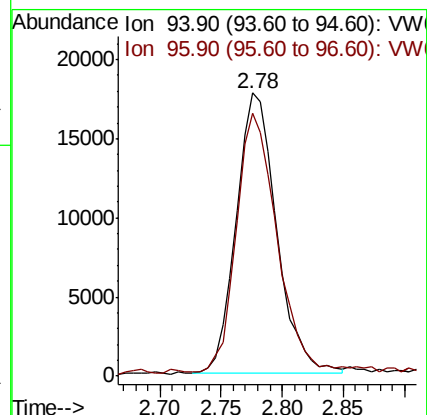
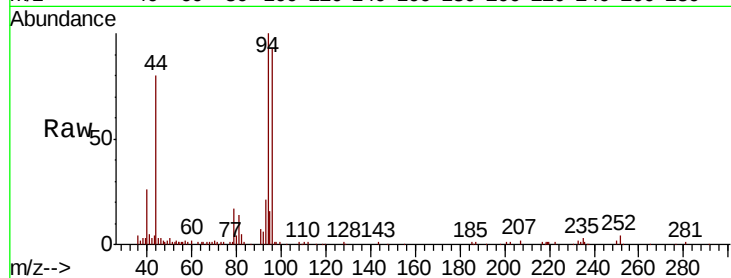
P026-SS006-0002-01MS

Tgt Ion: 94 Resp: 40744

Ion Ratio Lower Upper

94 100

96 92.2 74.2 111.2



#6

Chloroethane

Concen: 82.212 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010366.D

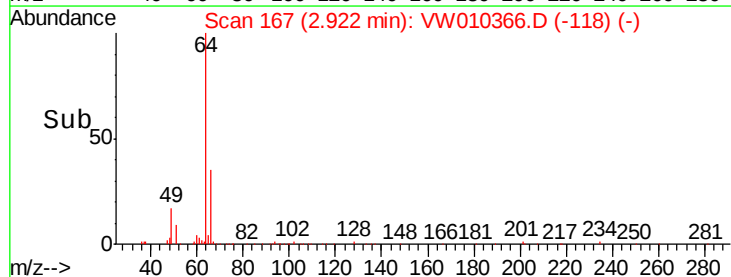
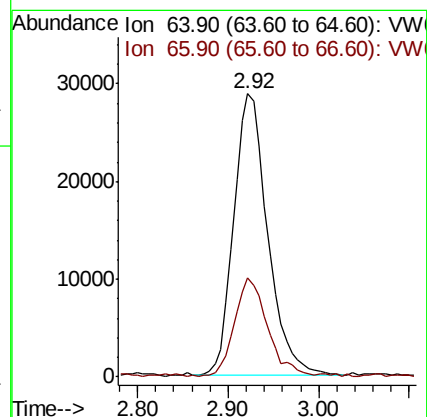
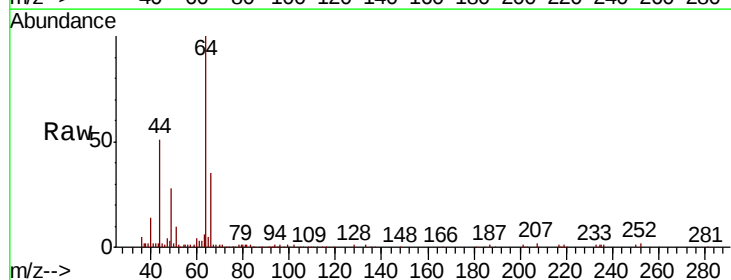
Acq: 10 May 2019 19:56

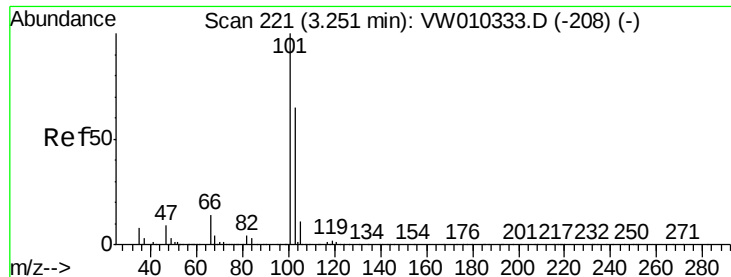
Tgt Ion: 64 Resp: 75338

Ion Ratio Lower Upper

64 100

66 34.6 23.4 35.0



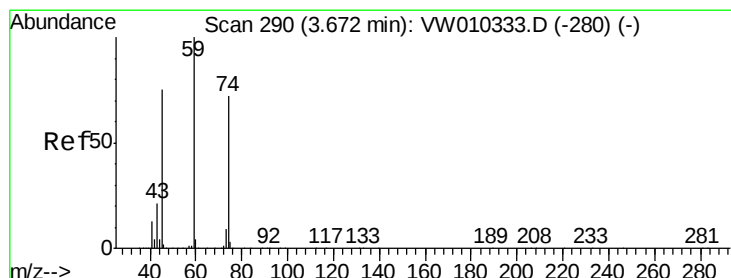
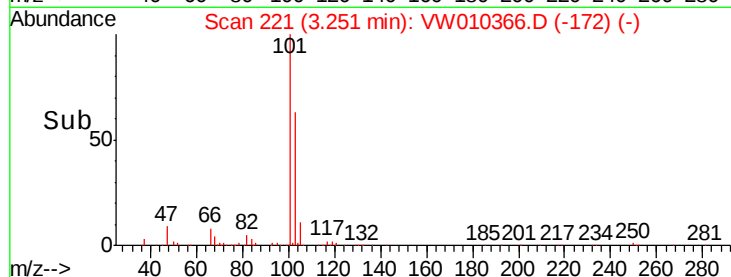
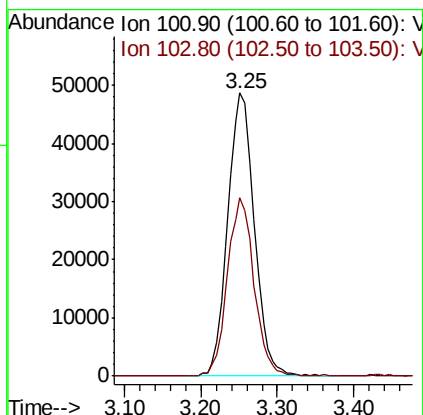
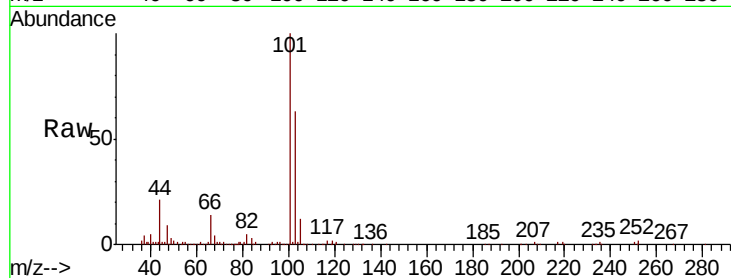


#7

Trichlorofluoromethane
 Concen: 147.627 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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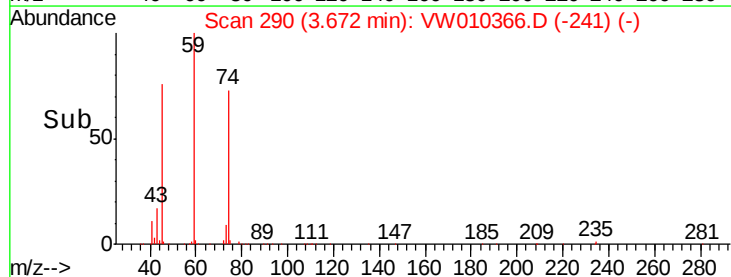
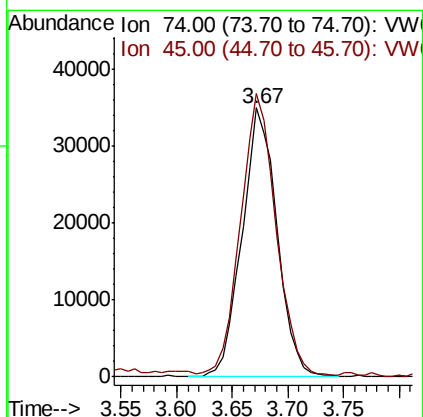
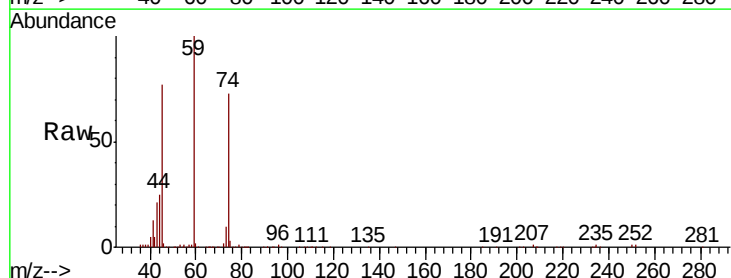
Tgt Ion: 101 Resp: 117107
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.8 74.6

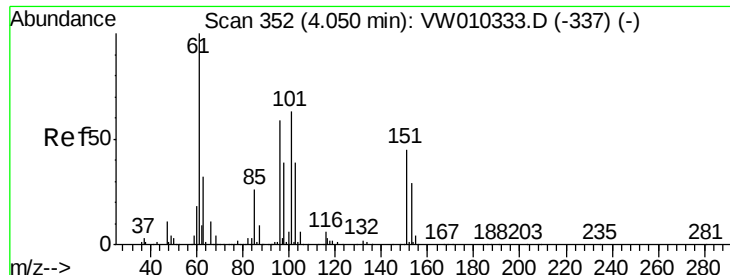


#8

Diethyl Ether
 Concen: 108.899 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW010366.D
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Tgt Ion: 74 Resp: 75943
 Ion Ratio Lower Upper
 74 100
 45 107.1 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.282 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

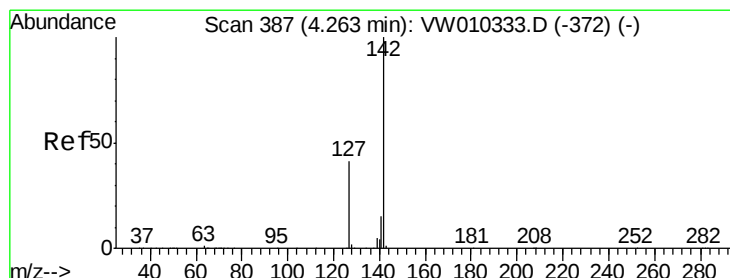
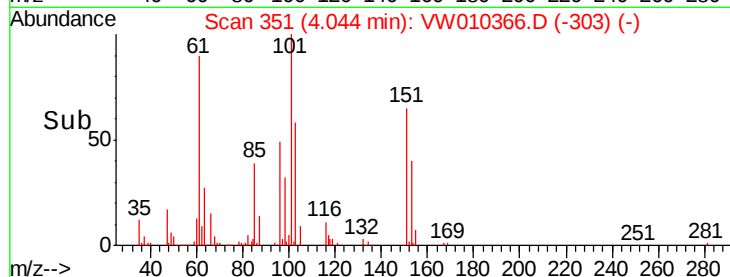
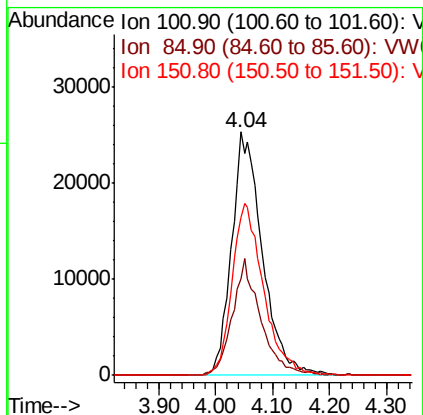
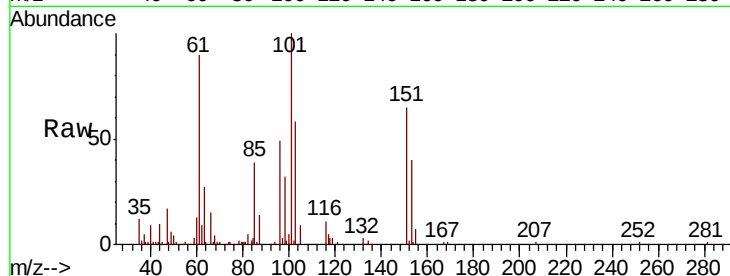
Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tgt Ion:	101	Resp:	95254
Ion	Ratio	Lower	Upper
101	100		
85	43.3	36.3	54.5
151	71.9	60.2	90.2



#10

Methyl Iodide

Concen: 26.165 ug/l

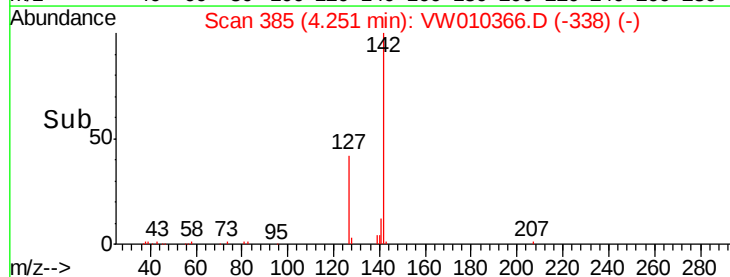
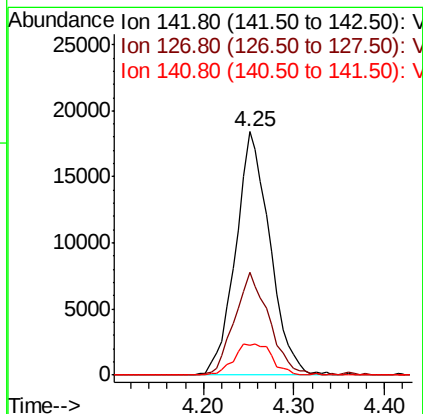
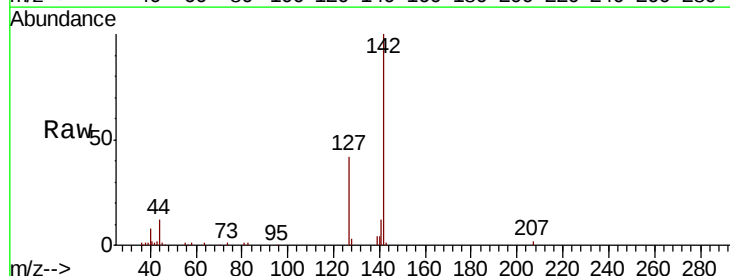
RT: 4.25 min Scan# 385

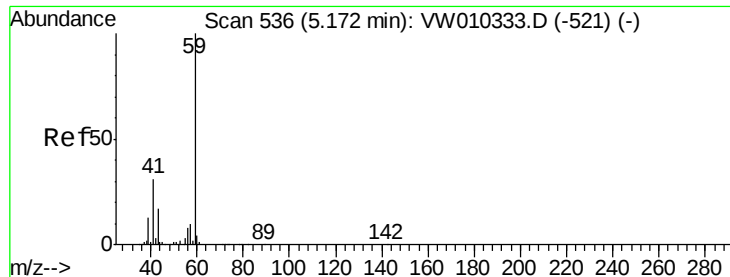
Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	142	Resp:	48162
Ion	Ratio	Lower	Upper
142	100		
127	42.7	38.1	57.1
141	14.3	12.2	18.2

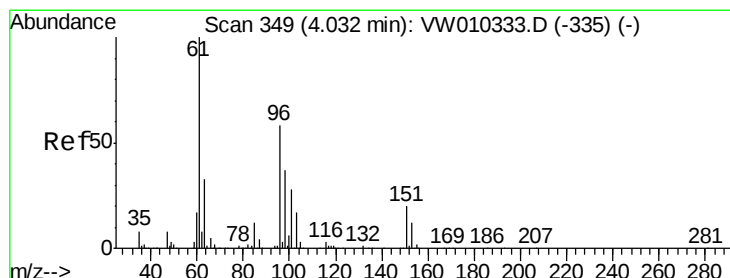
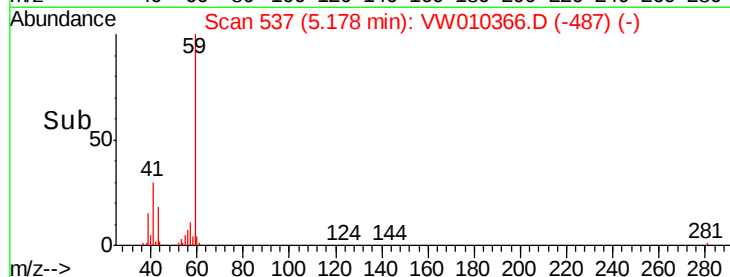
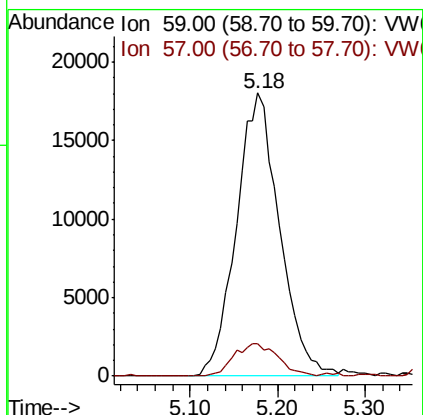
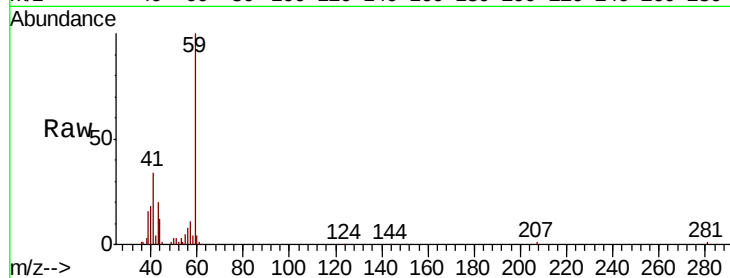




#11
Tert butyl alcohol
Concen: 661.001 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

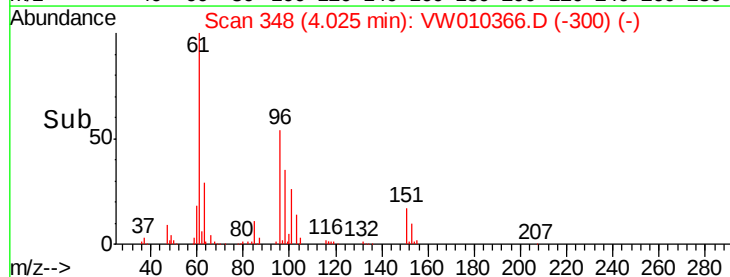
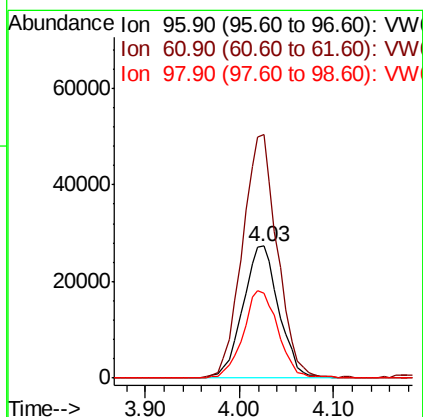
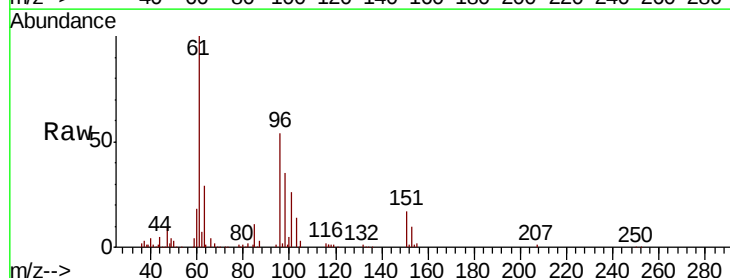
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

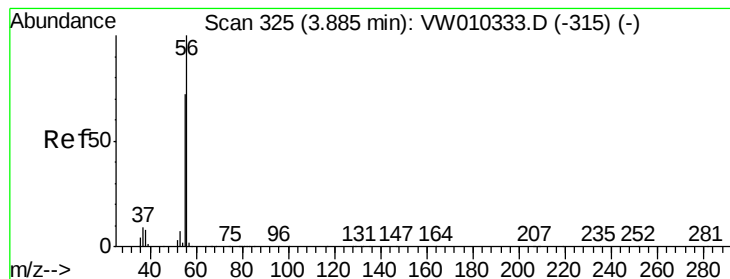
Tgt Ion: 59 Resp: 61816
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 53.838 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 96 Resp: 73125
Ion Ratio Lower Upper
96 100
61 184.7 147.4 221.2
98 64.8 49.7 74.5





#13

Acrolein

Concen: 4.244 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

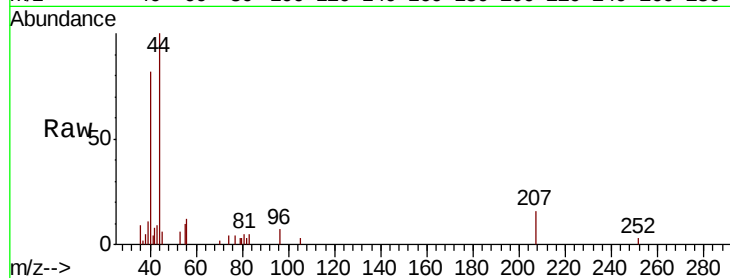
P026-SS006-0002-01MS

Tgt Ion: 56 Resp: 524

Ion Ratio Lower Upper

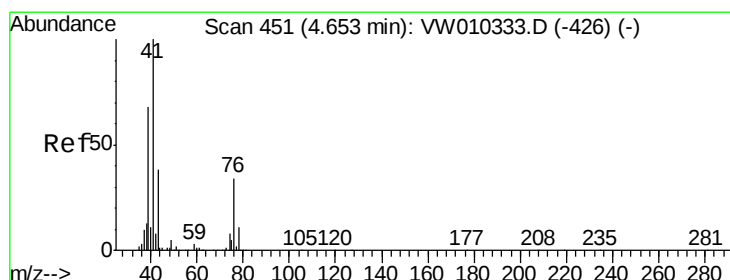
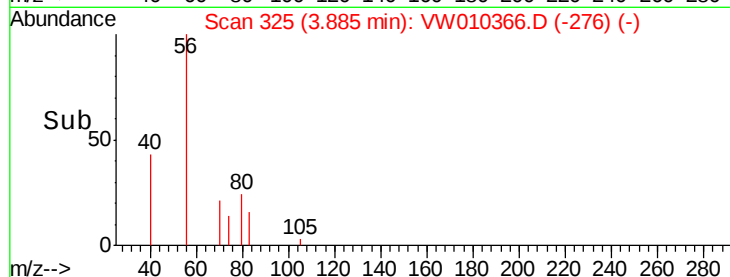
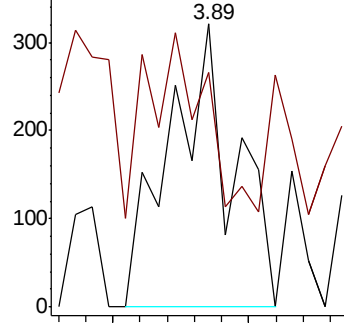
56 100

55 58.0 54.2 81.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 53.139 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

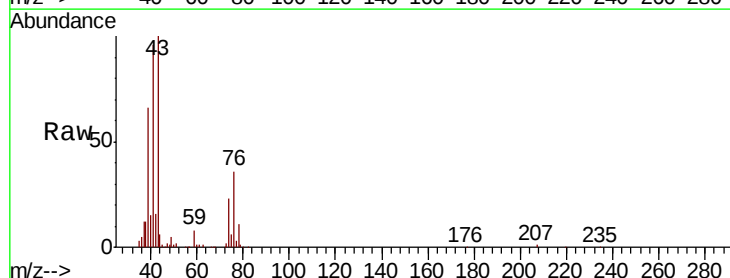
Tgt Ion: 41 Resp: 107738

Ion Ratio Lower Upper

41 100

39 67.8 60.2 90.4

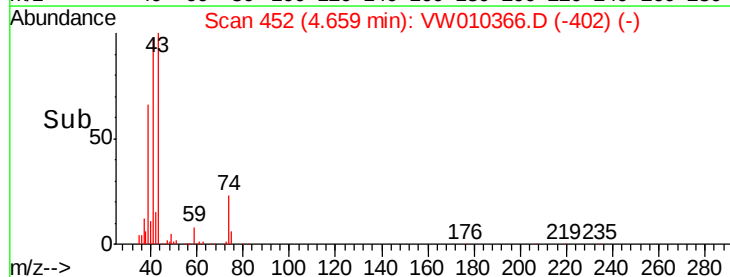
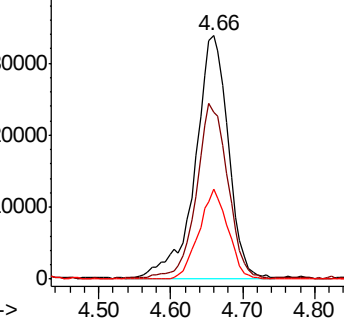
76 32.7 25.0 37.6

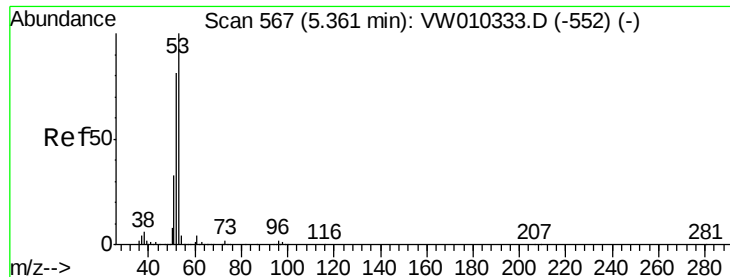


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

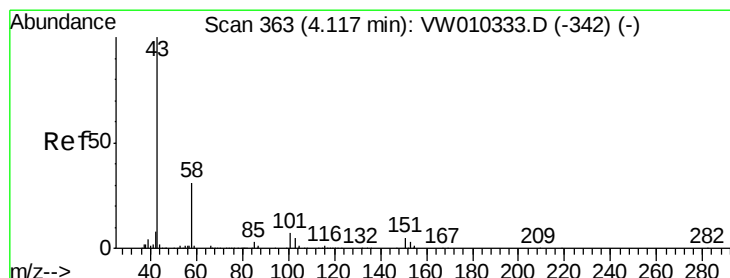
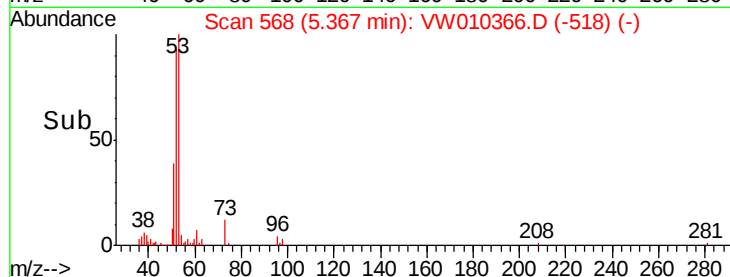
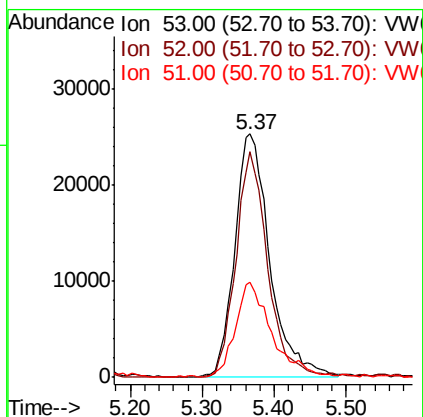
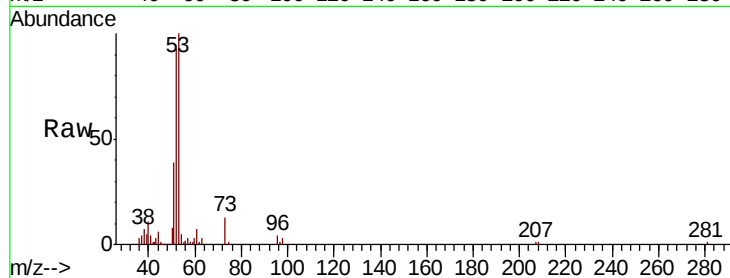




#15
 Acrylonitrile
 Concen: 222.036 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

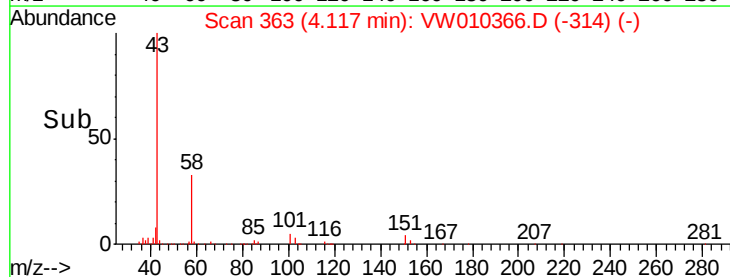
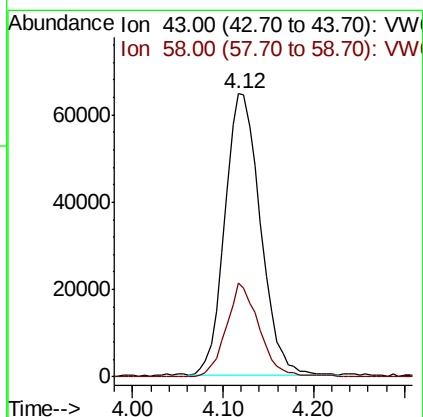
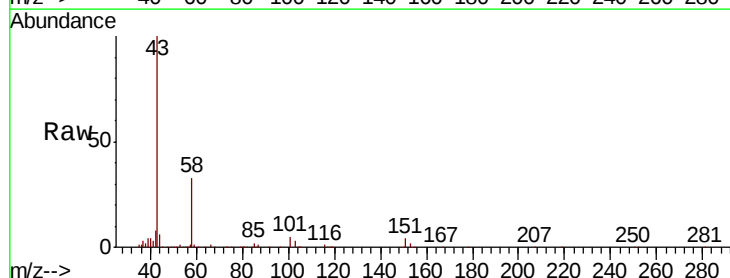
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

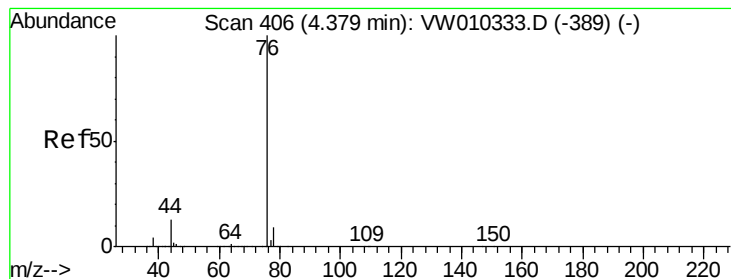
Tgt Ion: 53 Resp: 85823
 Ion Ratio Lower Upper
 53 100
 52 84.4 66.6 100.0
 51 40.4 30.3 45.5



#16
 Acetone
 Concen: 509.354 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion: 43 Resp: 175838
 Ion Ratio Lower Upper
 43 100
 58 32.8 22.7 34.1





#17

Carbon Disulfide

Concen: 37.719 ug/l

RT: 4.36 min Scan# 403

Delta R.T. -0.02 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

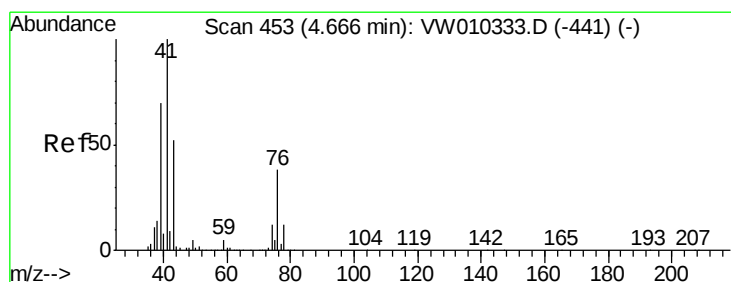
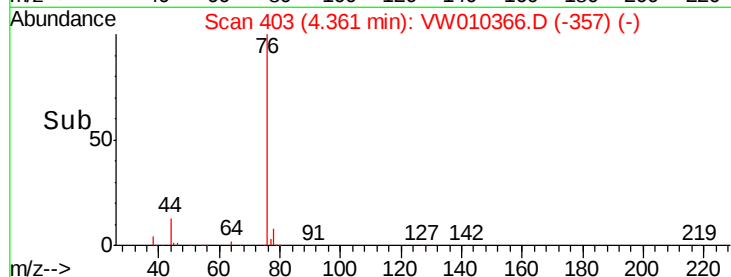
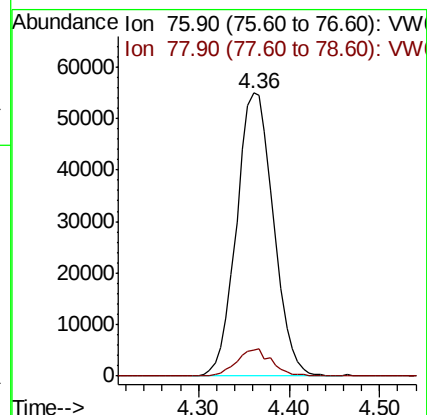
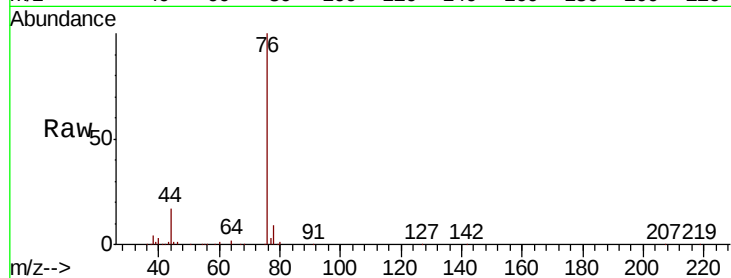
P026-SS006-0002-01MS

Tgt Ion: 76 Resp: 154947

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 139.970 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010366.D

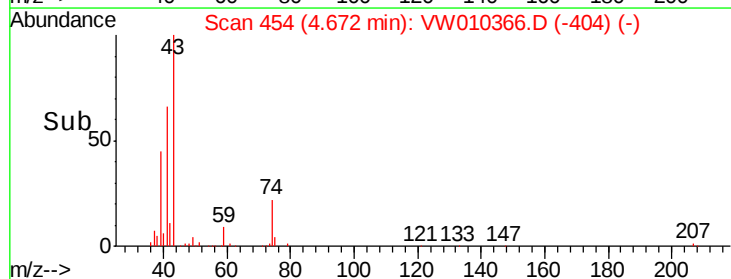
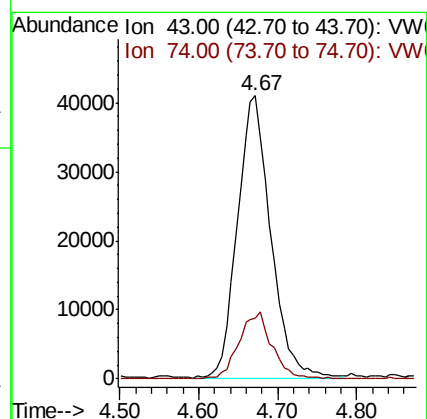
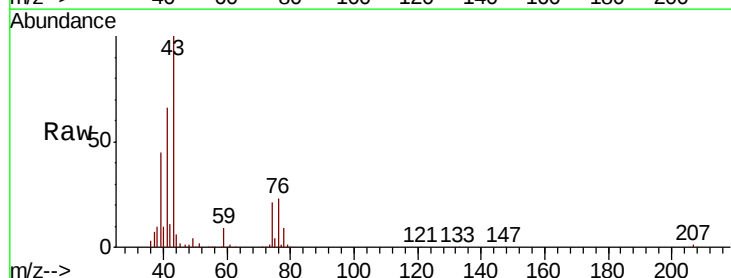
Acq: 10 May 2019 19:56

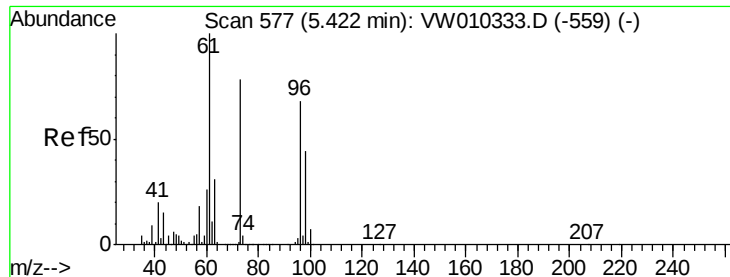
Tgt Ion: 43 Resp: 119685

Ion Ratio Lower Upper

43 100

74 23.5 16.8 25.2



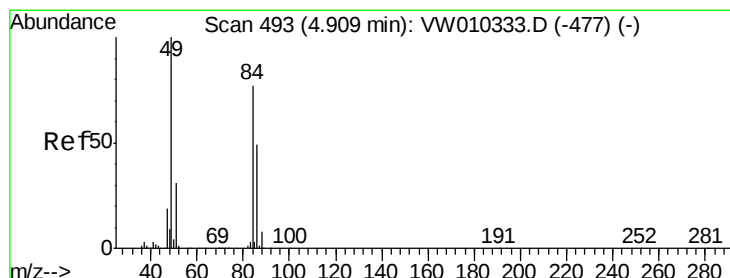
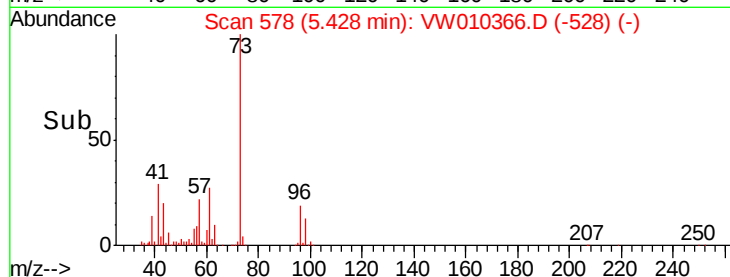
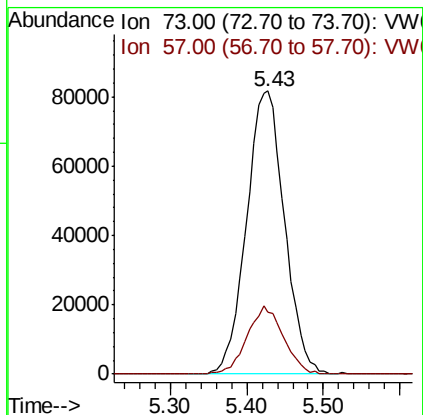
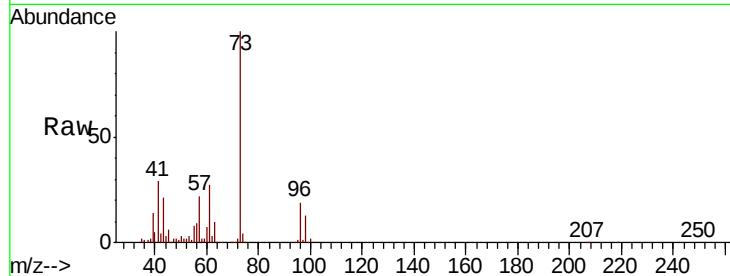


#19

Methyl tert-butyl Ether
 Concen: 174.415 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

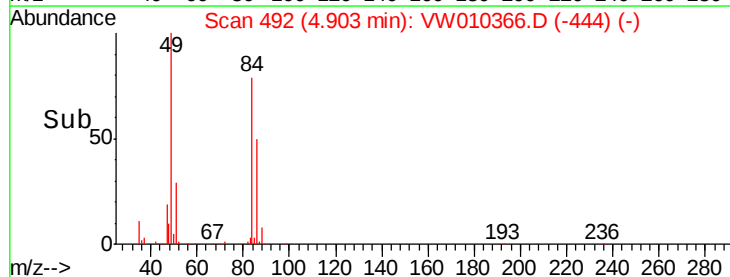
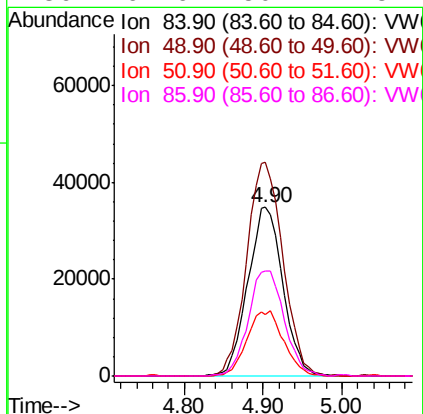
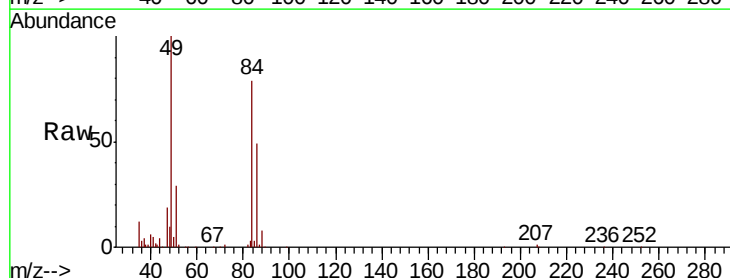
Tgt Ion: 73 Resp: 282009
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.5 27.7

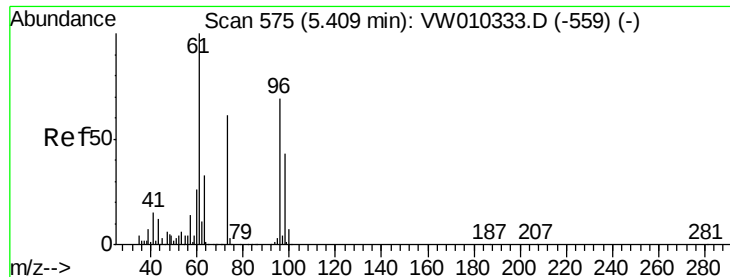


#20

Methylene Chloride
 Concen: 74.929 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion: 84 Resp: 107889
 Ion Ratio Lower Upper
 84 100
 49 126.5 112.3 168.5
 51 36.3 33.9 50.9
 86 62.6 50.2 75.4

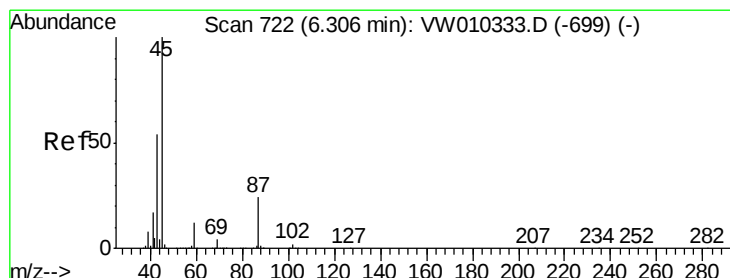
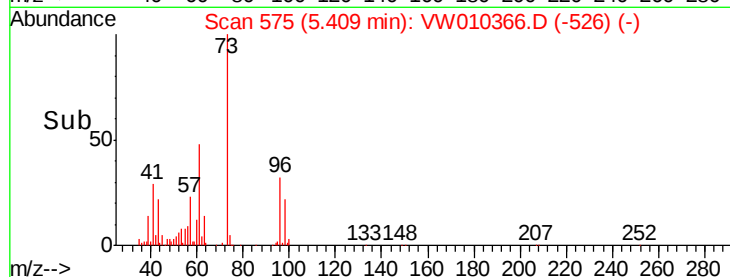
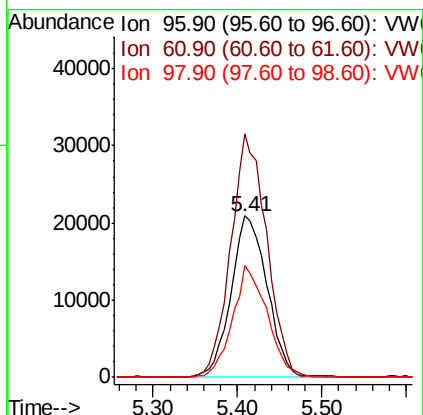
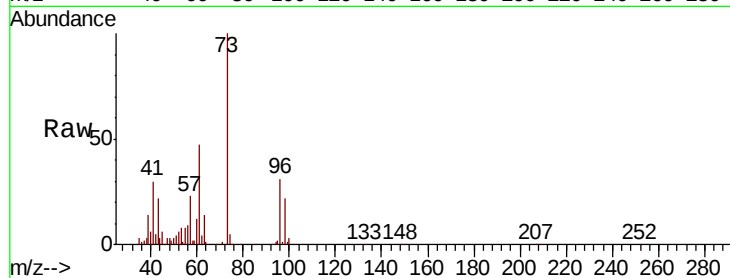




#21
trans-1,2-Dichloroethene
Concen: 41.518 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

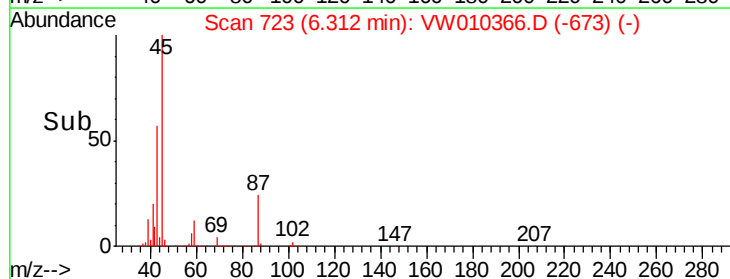
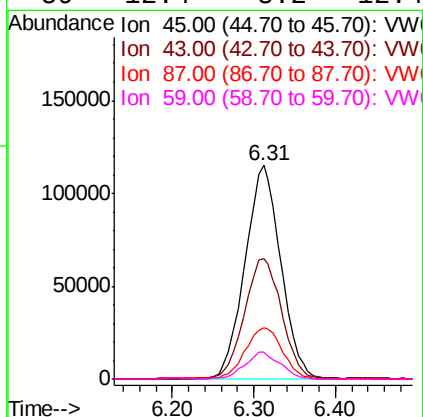
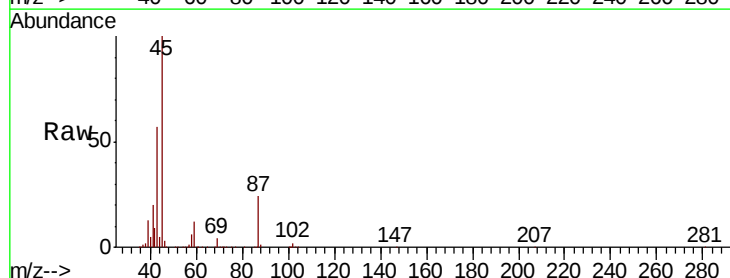
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

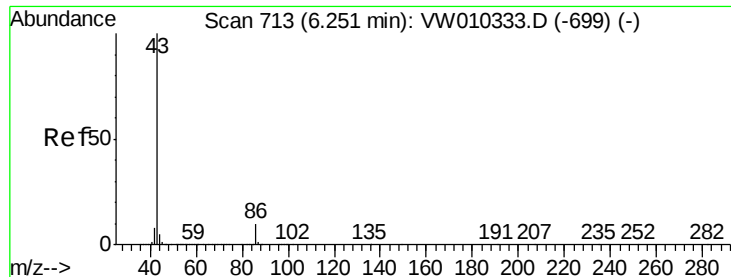
Tgt Ion: 96 Resp: 60701
Ion Ratio Lower Upper
96 100
61 150.8 122.3 183.5
98 69.6 50.5 75.7



#22
Diisopropyl ether
Concen: 89.291 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 45 Resp: 351343
Ion Ratio Lower Upper
45 100
43 56.5 46.1 69.1
87 24.1 18.3 27.5
59 12.4 8.2 12.4#

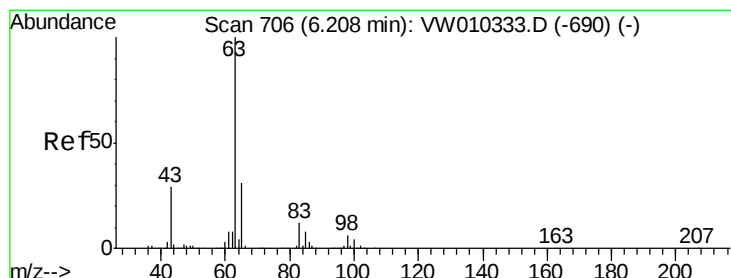
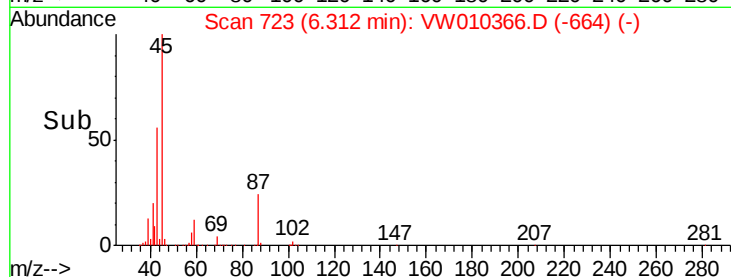
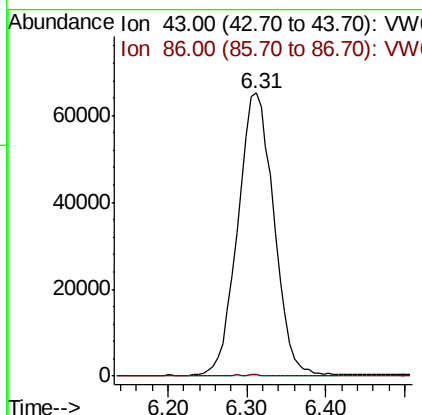
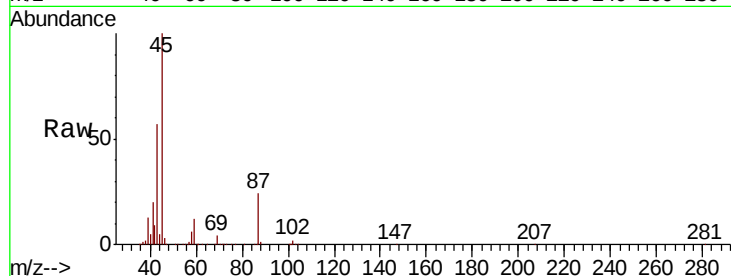




#23
 Vinyl Acetate
 Concen: 76.988 ug/l
 RT: 6.31 min Scan# 723
 Delta R.T. 0.06 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

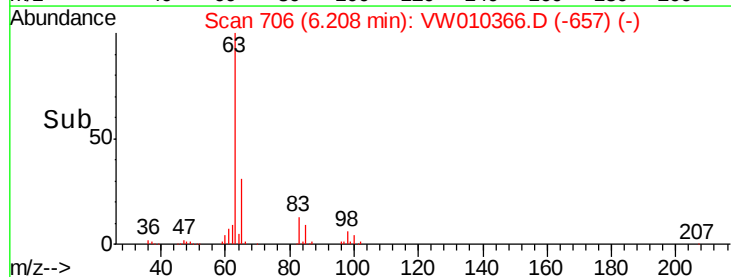
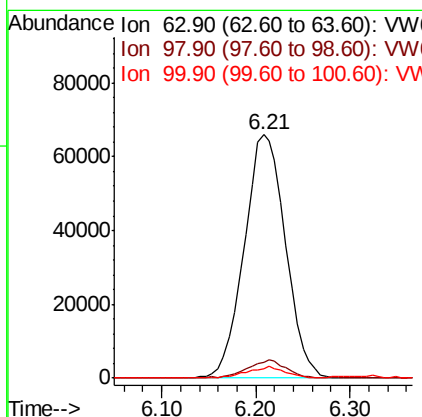
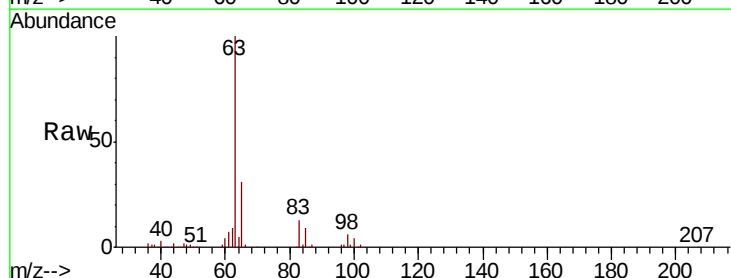
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

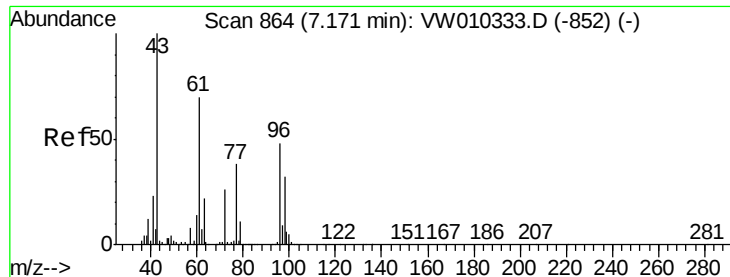
Tgt Ion: 43 Resp: 208008
 Ion Ratio Lower Upper
 43 100
 86 0.7 7.0 10.6#



#24
 1,1-Dichloroethane
 Concen: 76.433 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion: 63 Resp: 202486
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 242.811 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

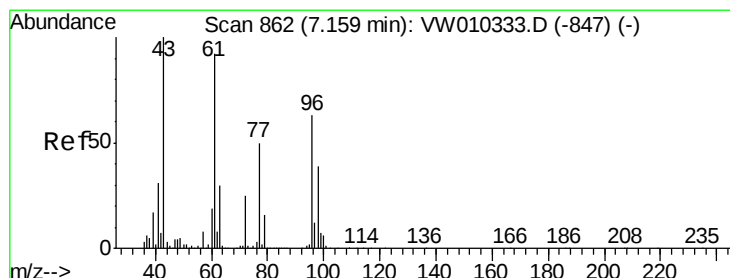
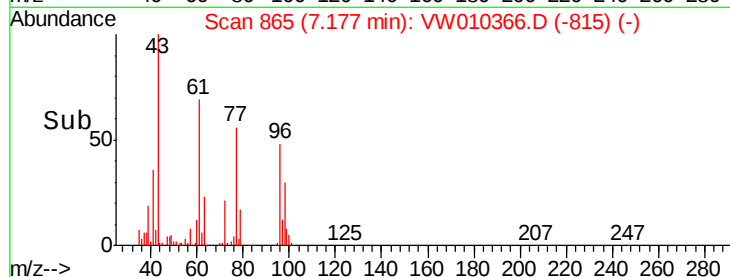
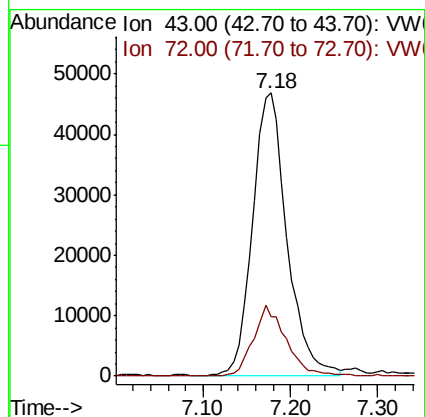
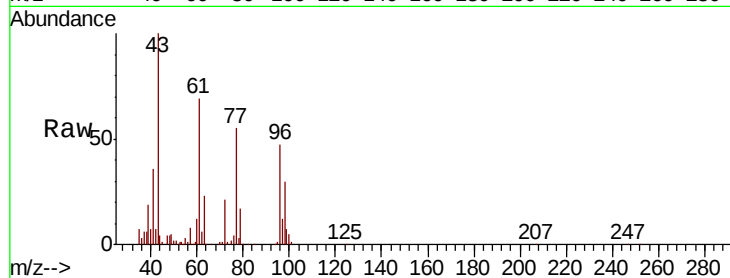
P026-SS006-0002-01MS

Tgt Ion: 43 Resp: 128232

Ion Ratio Lower Upper

43 100

72 20.8 19.1 28.7



#26

2,2-Dichloropropane

Concen: 76.233 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010366.D

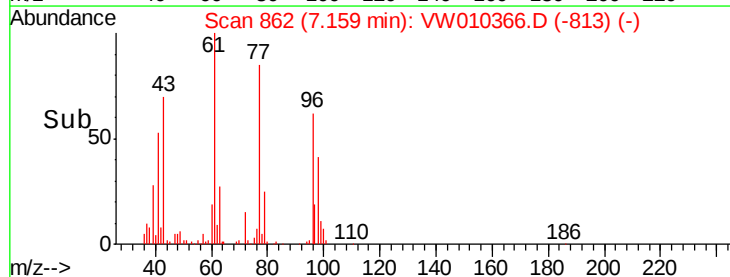
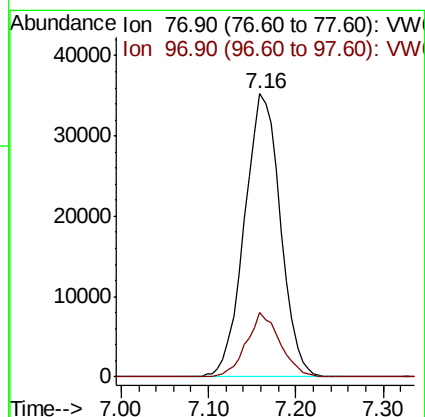
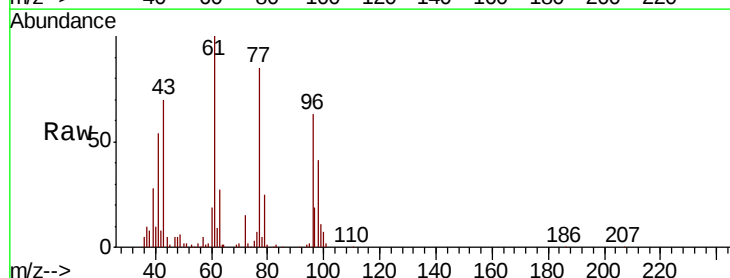
Acq: 10 May 2019 19:56

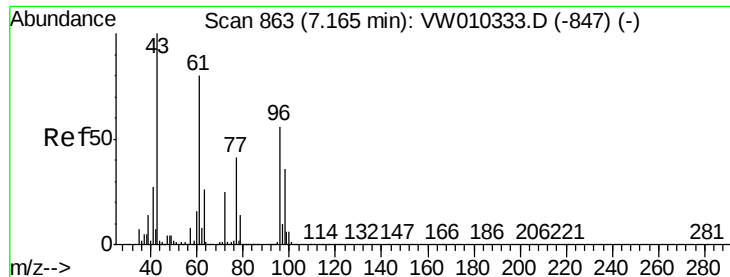
Tgt Ion: 77 Resp: 100481

Ion Ratio Lower Upper

77 100

97 21.2 11.3 33.9



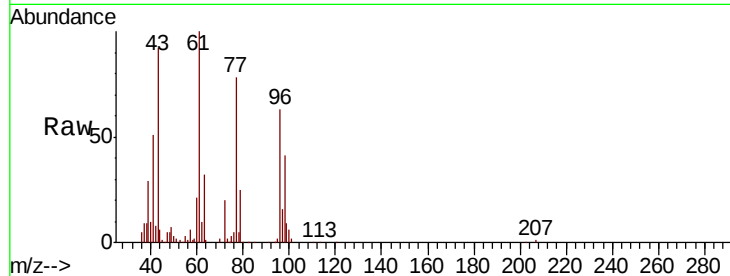


#27

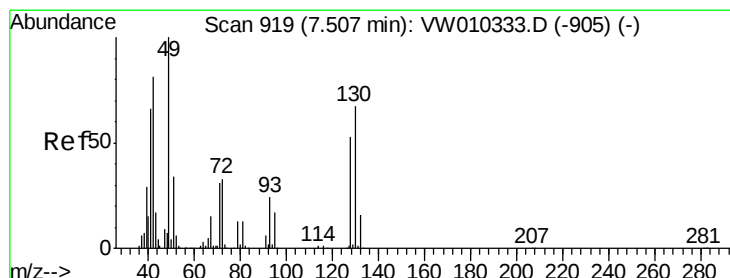
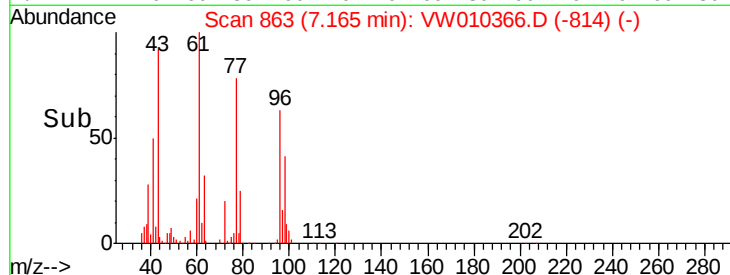
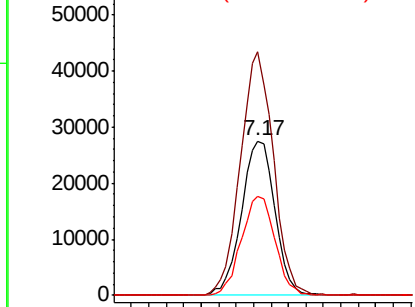
cis-1,2-Dichloroethene
Concen: 48.546 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tgt Ion: 96 Resp: 72991
Ion Ratio Lower Upper
96 100
61 156.4 0.0 309.4
98 64.8 0.0 128.6



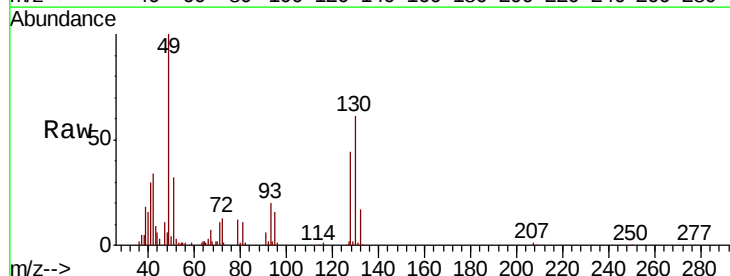
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



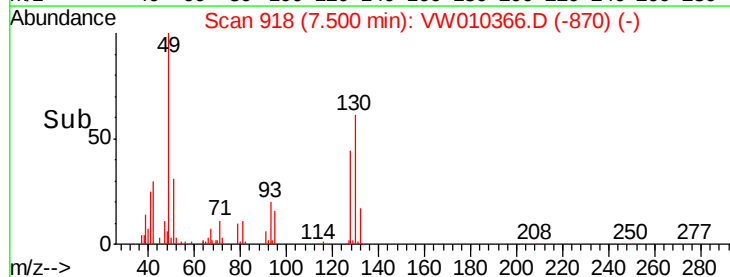
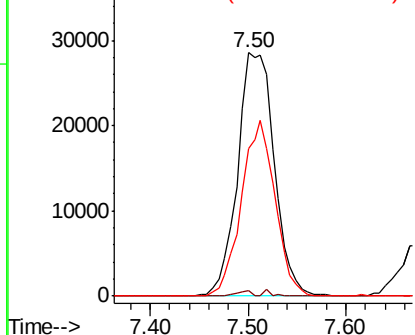
#28

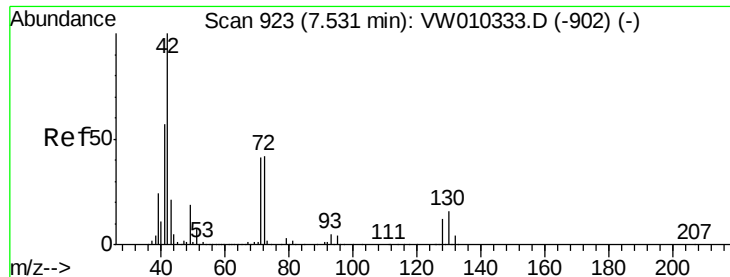
Bromochloromethane
Concen: 76.098 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 49 Resp: 74324
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 0.0 54.6 82.0#



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

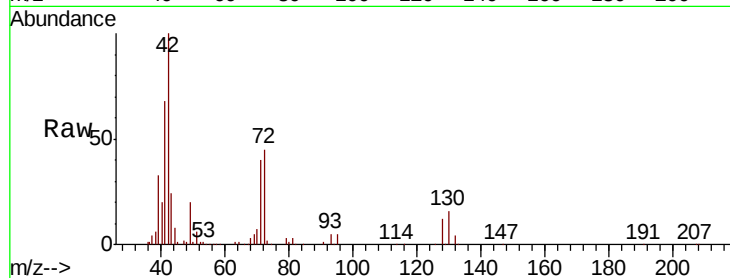




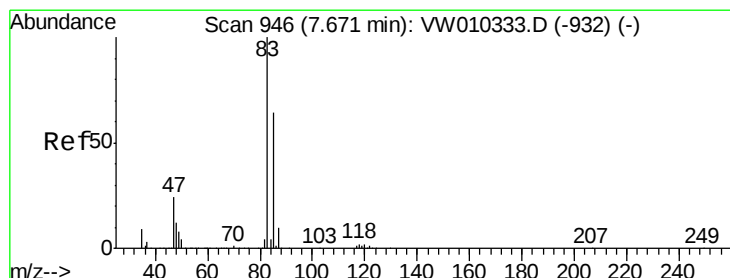
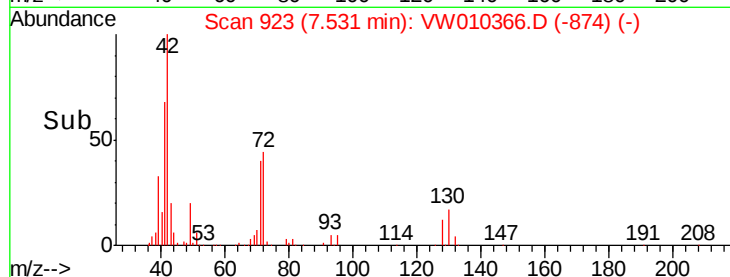
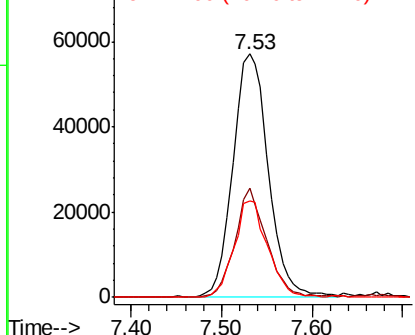
#29
Tetrahydrofuran
Concen: 451.428 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tgt Ion: 42 Resp: 154202
Ion Ratio Lower Upper
42 100
72 40.2 31.0 46.6
71 37.6 29.7 44.5

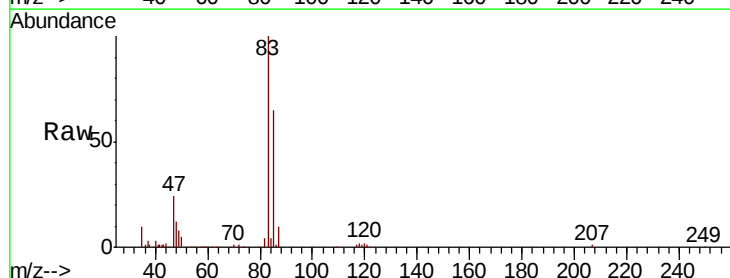


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

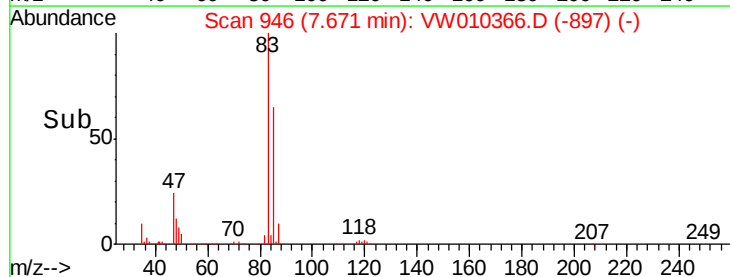
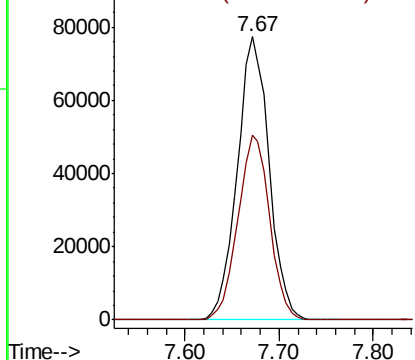


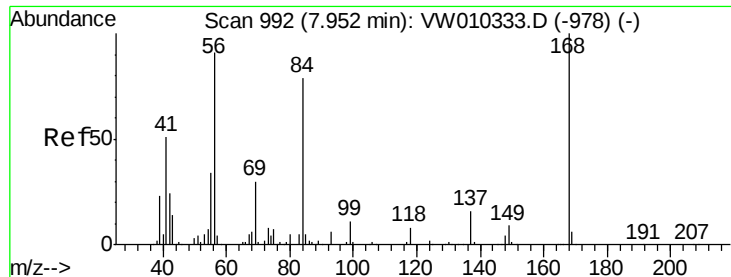
#30
Chloroform
Concen: 73.854 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 83 Resp: 183104
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1



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

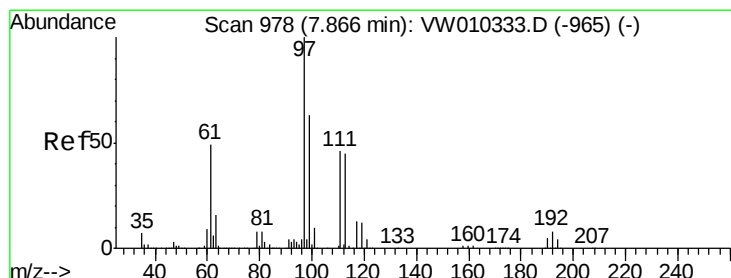
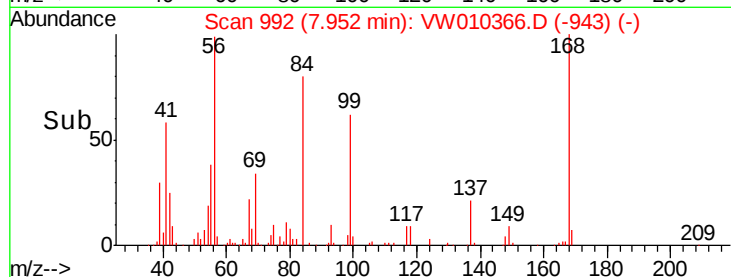
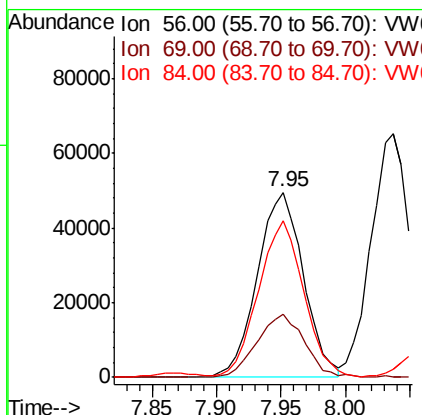
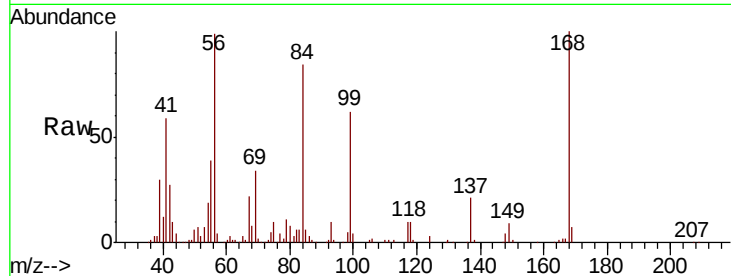




#31
Cyclohexane
Concen: 45.266 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

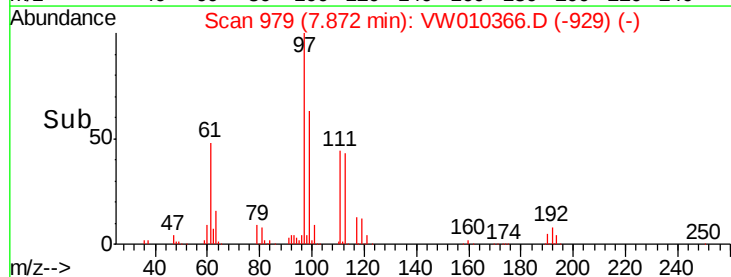
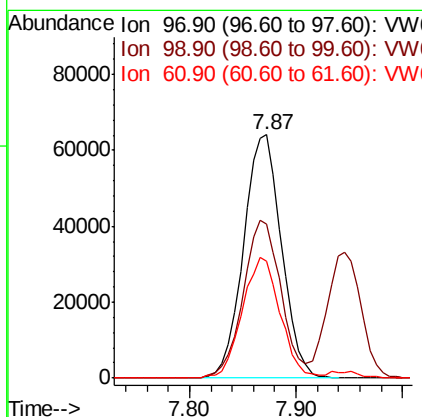
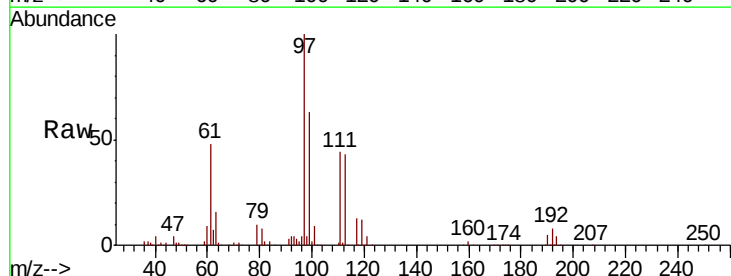
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

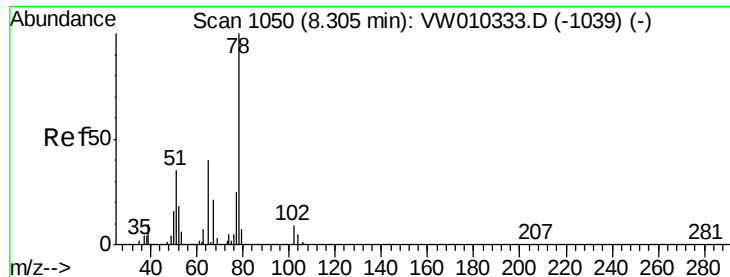
Tgt Ion: 56 Resp: 122783
Ion Ratio Lower Upper
56 100
69 34.3 26.6 40.0
84 83.1 66.2 99.2



#32
1,1,1-Trichloroethane
Concen: 83.461 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 97 Resp: 160278
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 49.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 77.632 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

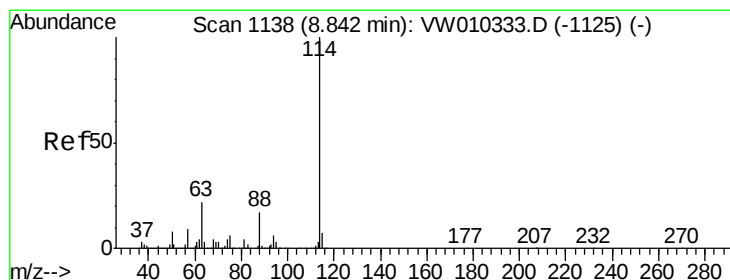
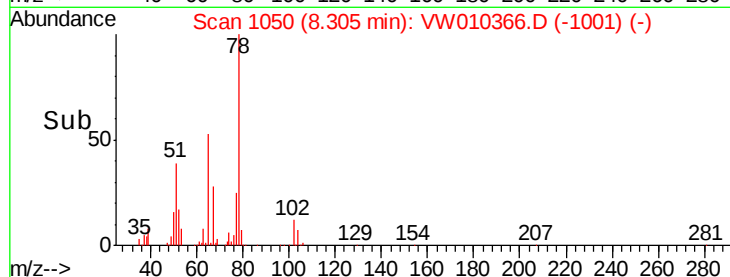
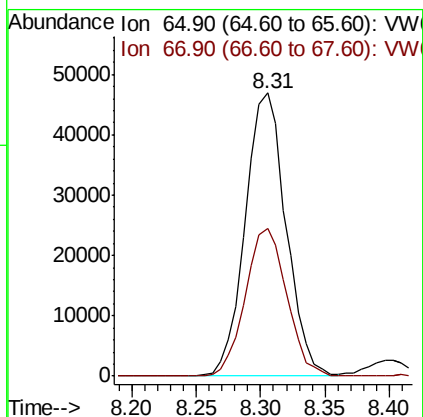
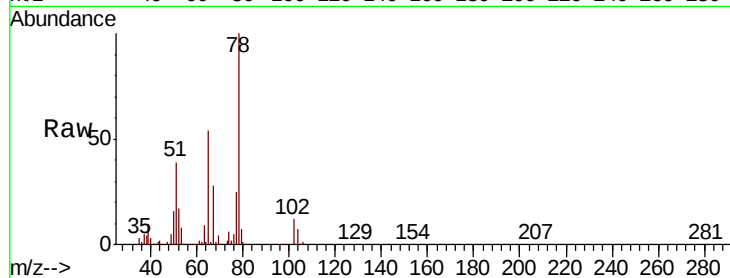
P026-SS006-0002-01MS

Tgt Ion: 65 Resp: 102803

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

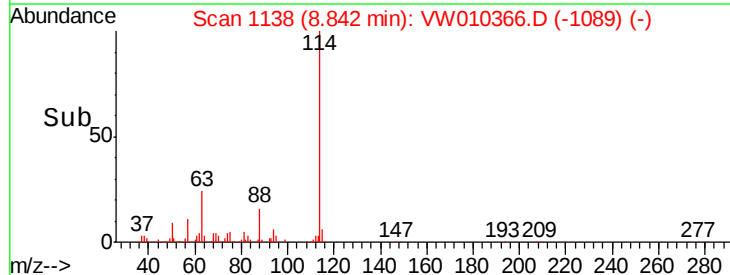
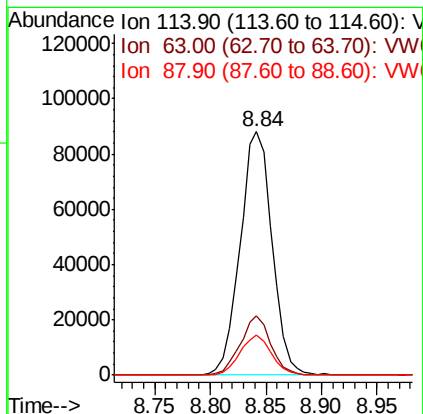
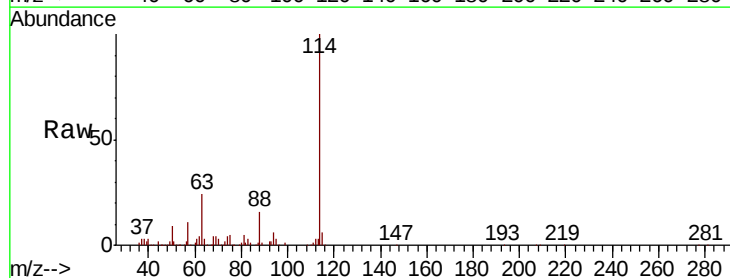
Tgt Ion: 114 Resp: 175357

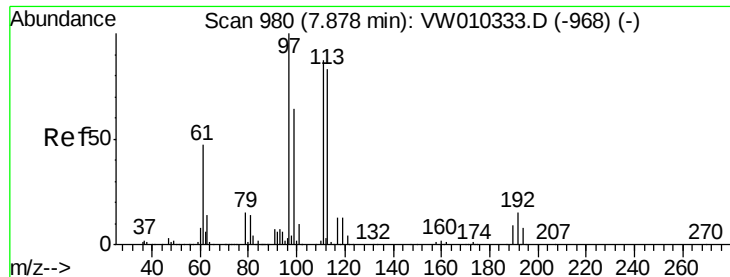
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 78.092 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

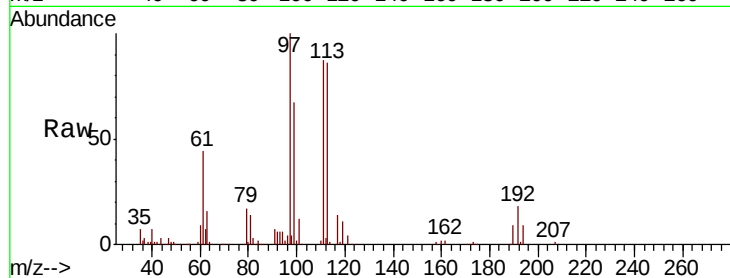
Tgt Ion:113 Resp: 80136

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

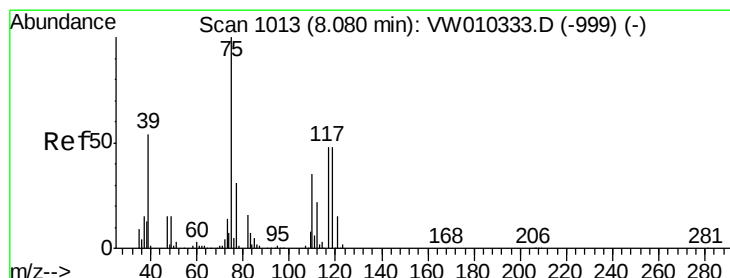
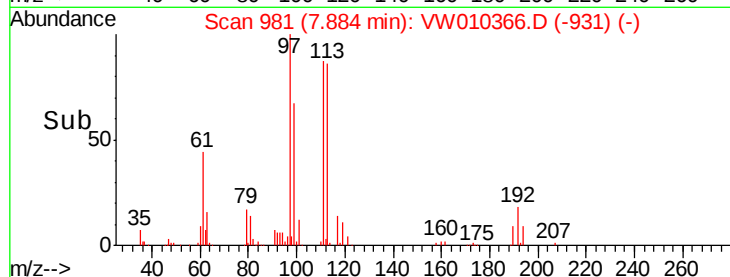
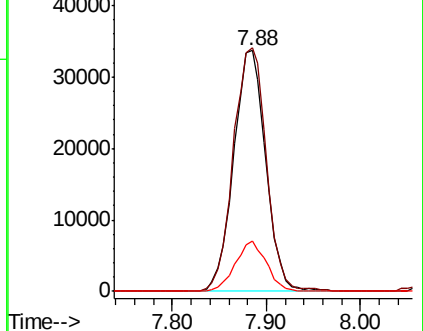
192 20.2 15.4 23.2



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: 43.908 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

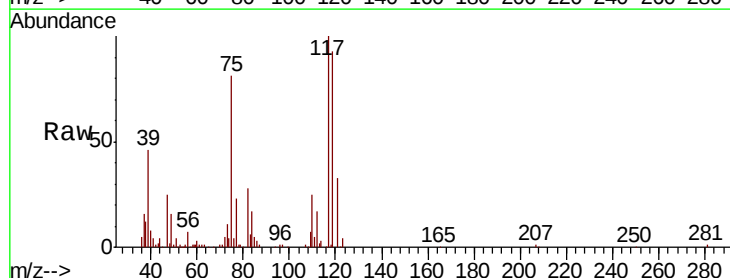
Tgt Ion: 75 Resp: 83484

Ion Ratio Lower Upper

75 100

110 32.4 16.6 49.8

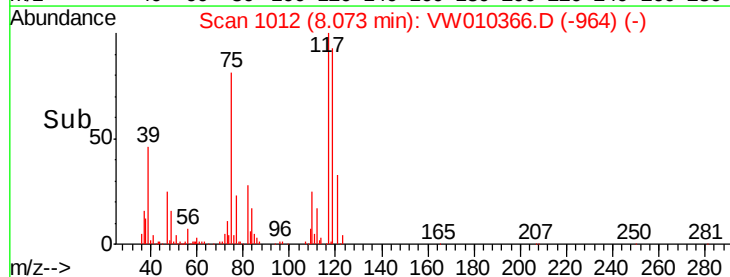
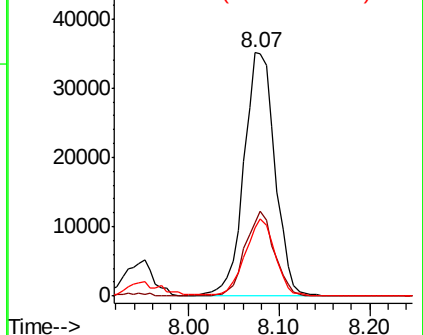
77 30.9 24.8 37.2

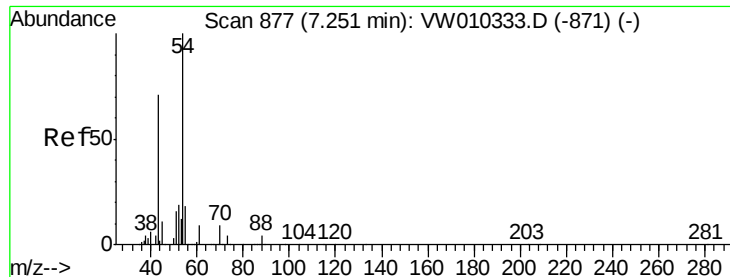


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

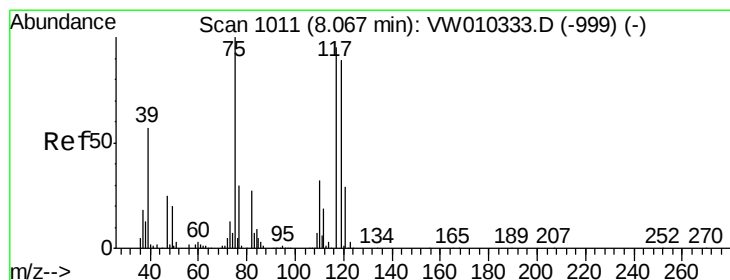
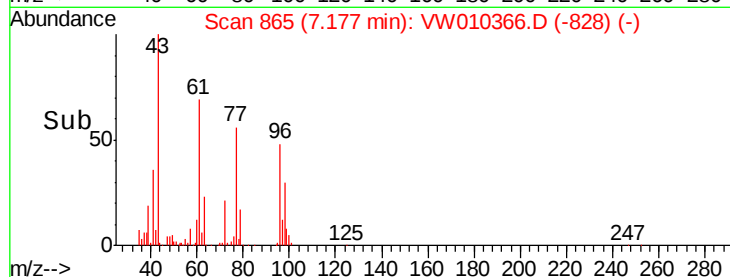
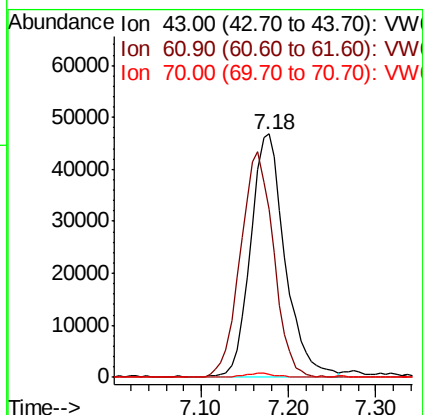
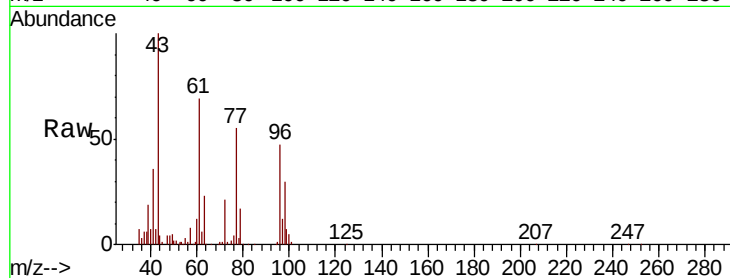




#37
Ethyl Acetate
Concen: 126.668 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

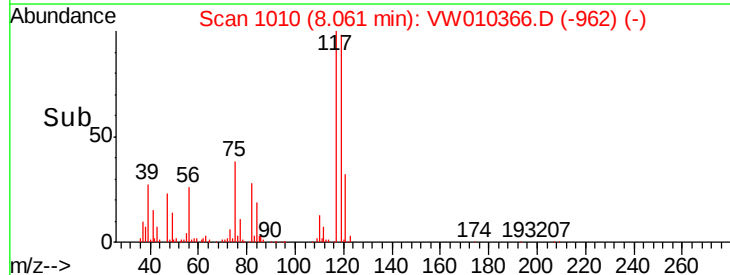
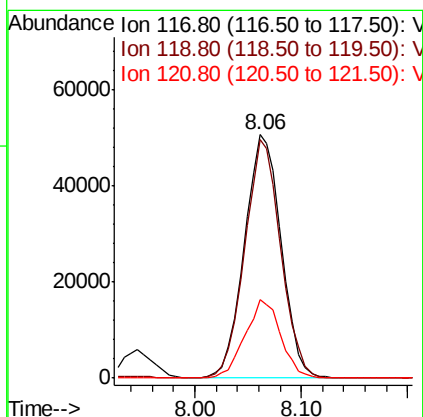
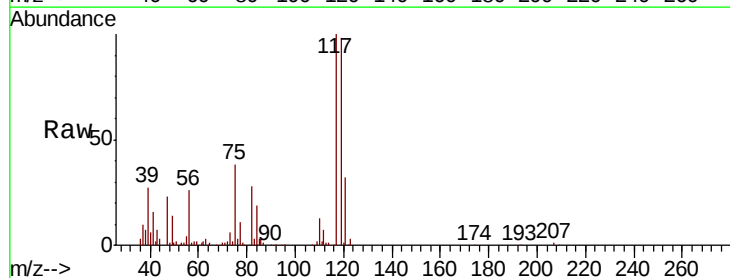
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

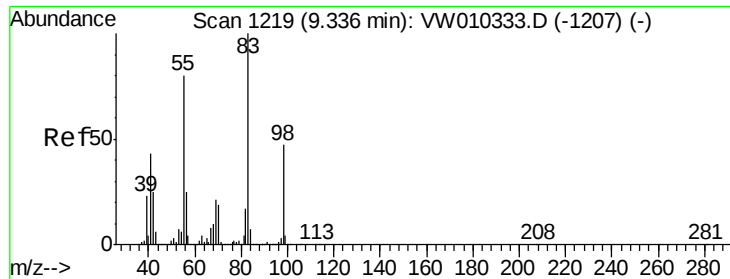
Tgt Ion: 43 Resp: 128232
Ion Ratio Lower Upper
43 100
61 89.0 9.8 14.8#
70 1.6 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 75.222 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 117 Resp: 122602
Ion Ratio Lower Upper
117 100
119 98.0 75.3 112.9
121 32.1 24.4 36.6

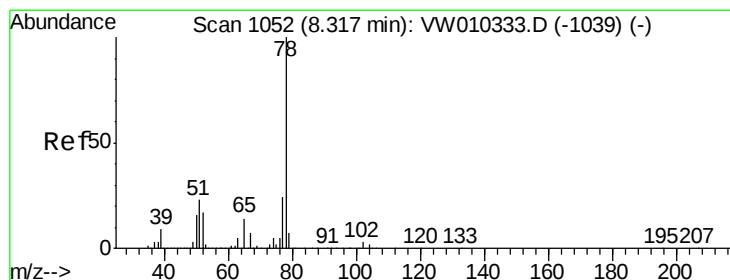
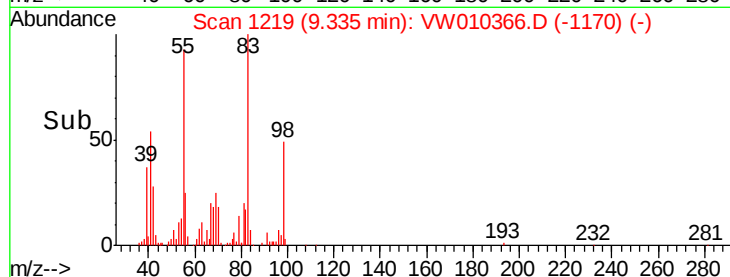
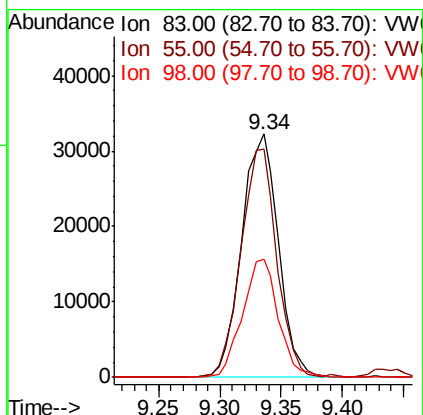
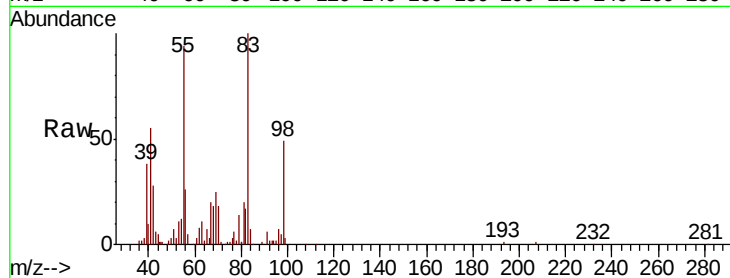




#39
Methylcyclohexane
Concen: 28.970 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

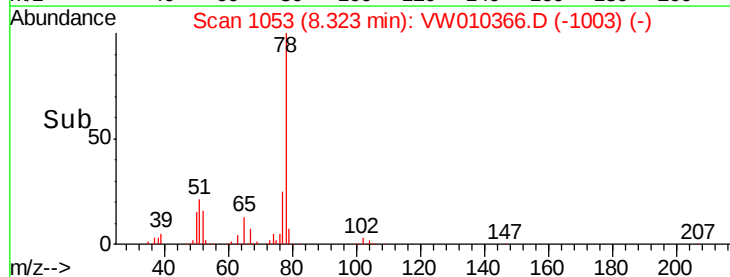
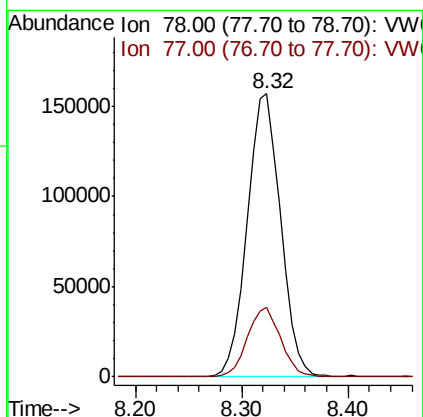
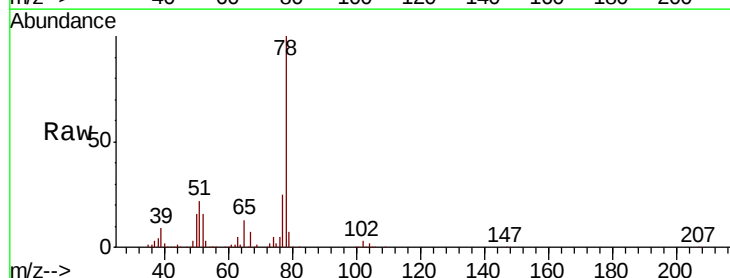
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

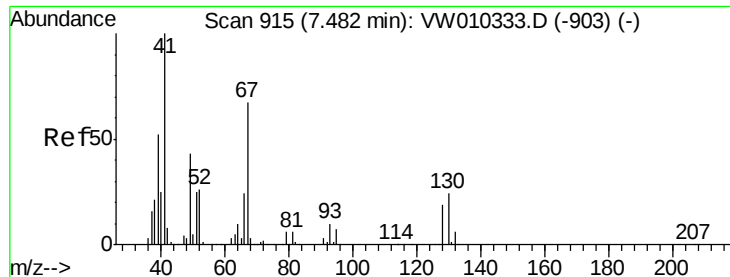
Tgt Ion: 83 Resp: 67383
Ion Ratio Lower Upper
83 100
55 93.6 67.1 100.7
98 48.7 39.2 58.8



#40
Benzene
Concen: 66.512 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 78 Resp: 346335
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

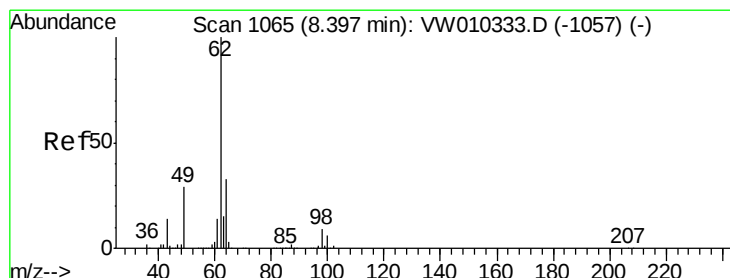
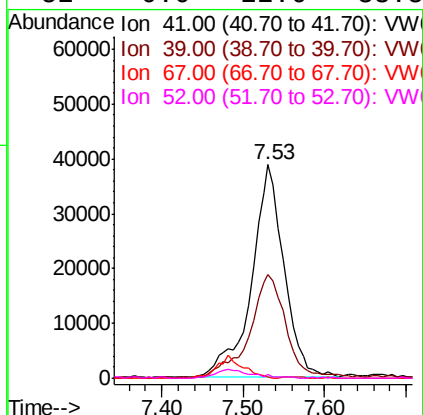
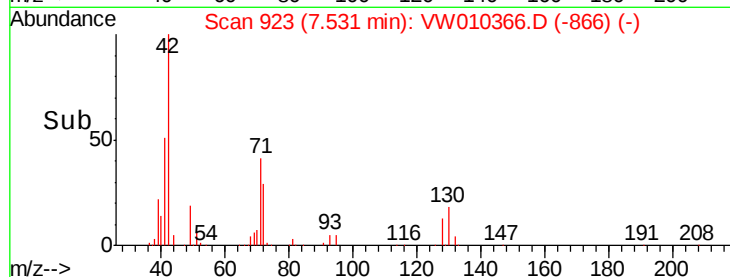
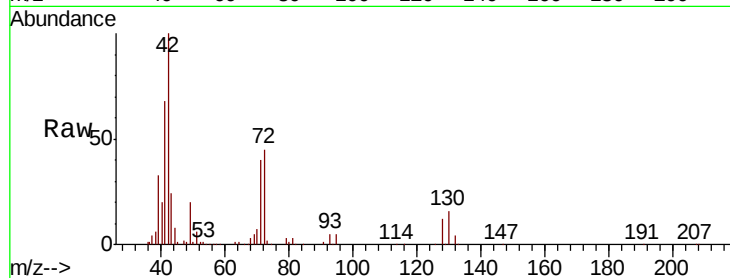




#41
Methacrylonitrile
Concen: 191.043 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

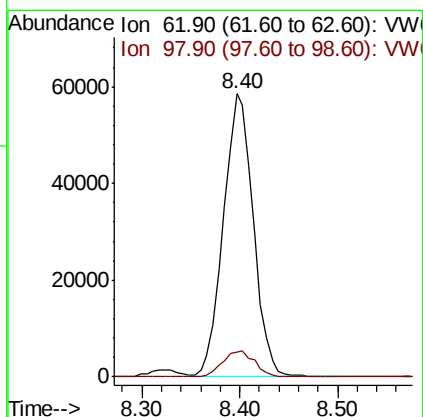
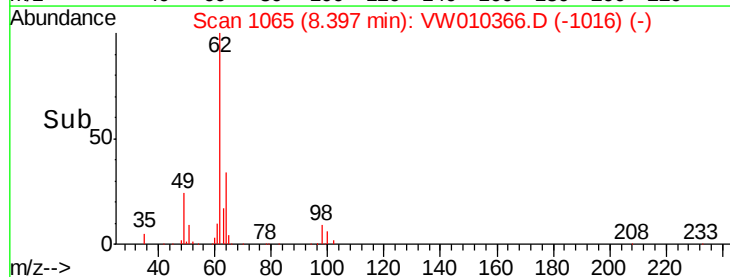
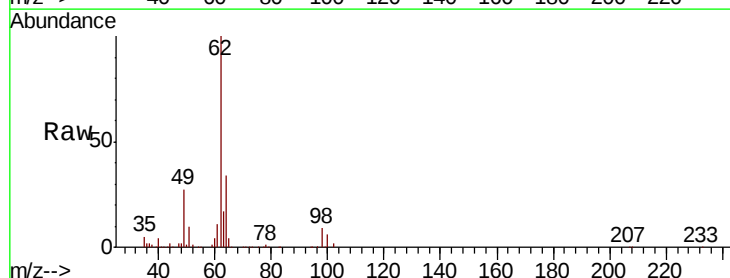
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

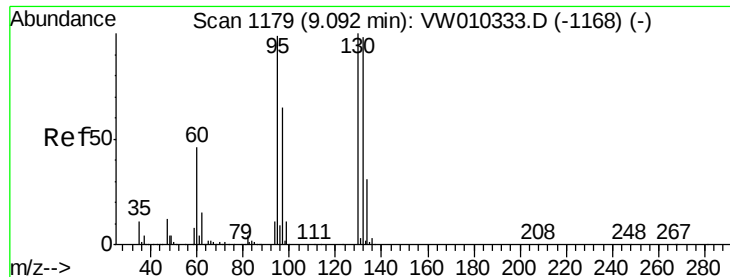
Tgt Ion: 41 Resp: 108462
Ion Ratio Lower Upper
41 100
39 53.3 45.0 67.4
67 0.0 50.7 76.1#
52 0.0 22.6 33.8#



#42
1,2-Dichloroethane
Concen: 83.246 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 62 Resp: 124077
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.6





#44

Trichloroethene

Concen: 42.572 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

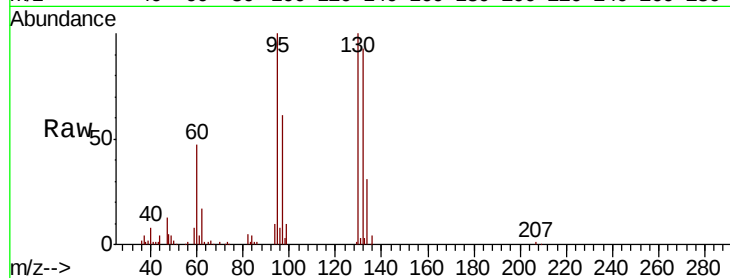
P026-SS006-0002-01MS

Tgt Ion:130 Resp: 55497

Ion Ratio Lower Upper

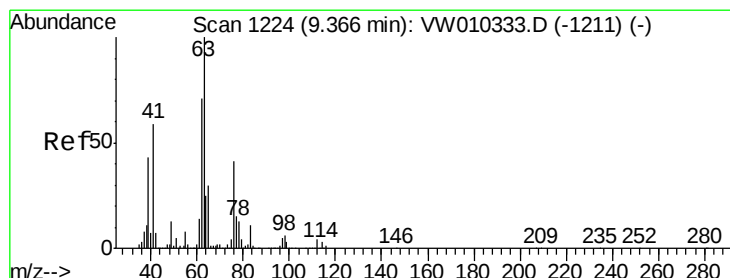
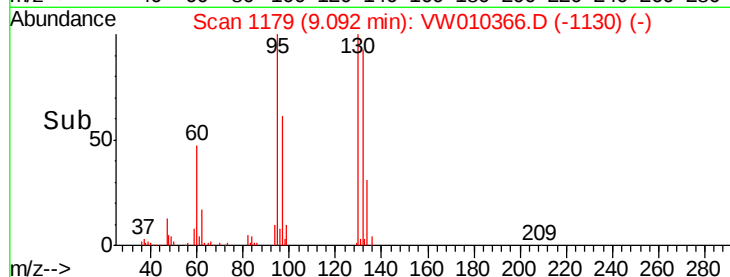
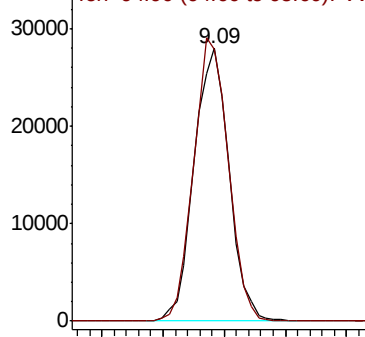
130 100

95 99.6 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 84.582 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010366.D

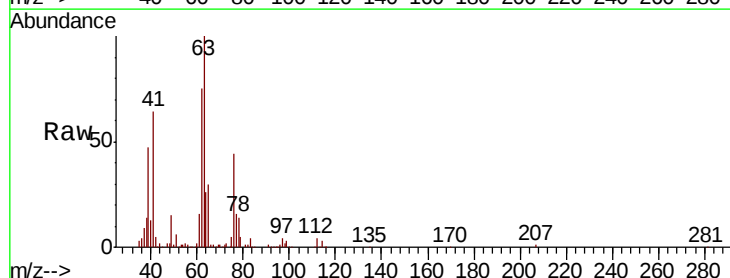
Acq: 10 May 2019 19:56

Tgt Ion: 63 Resp: 109478

Ion Ratio Lower Upper

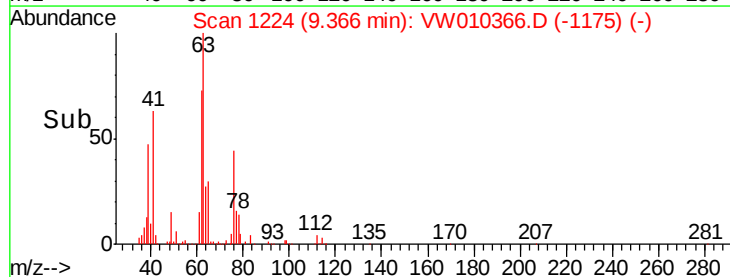
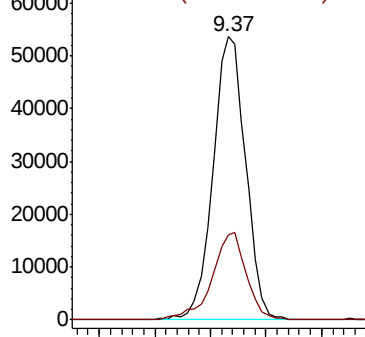
63 100

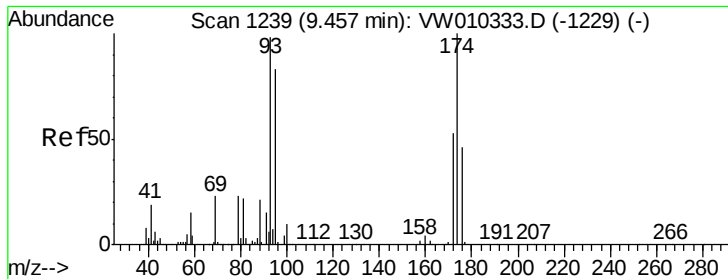
65 29.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 71.809 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

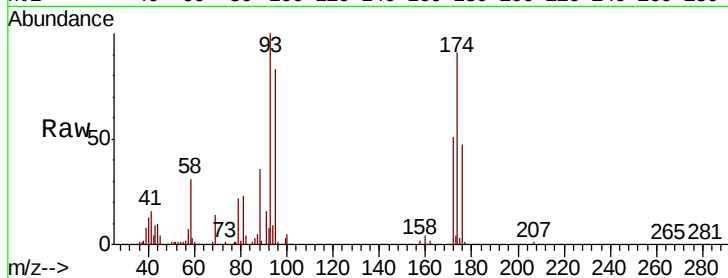
Tgt Ion: 93 Resp: 48016

Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

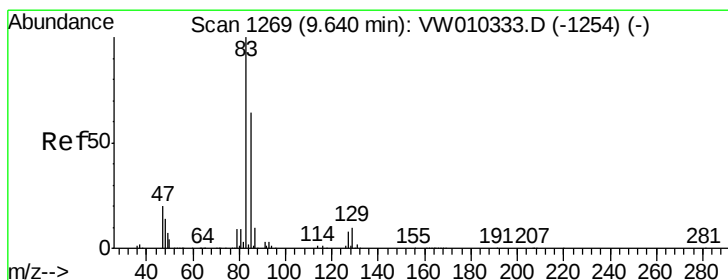
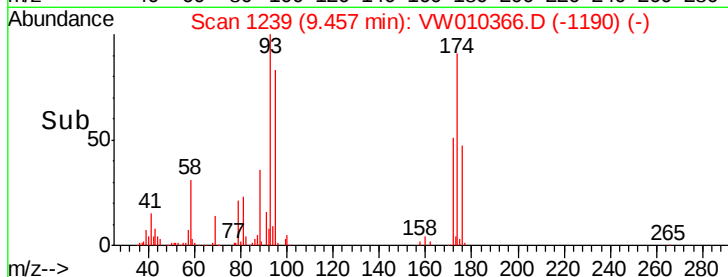
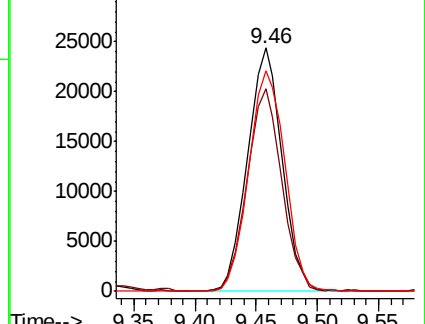
174 94.5 75.5 113.3



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



#47

Bromodichloromethane

Concen: 76.070 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

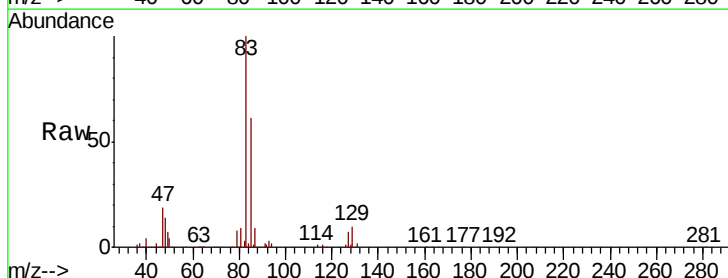
Tgt Ion: 83 Resp: 122015

Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

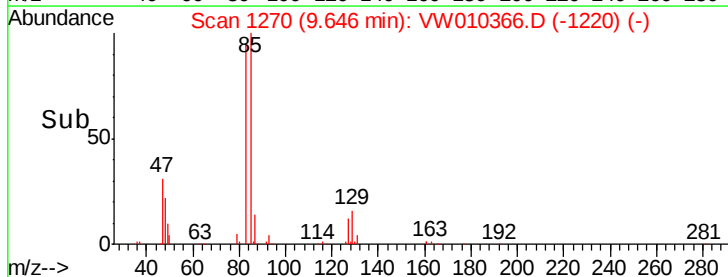
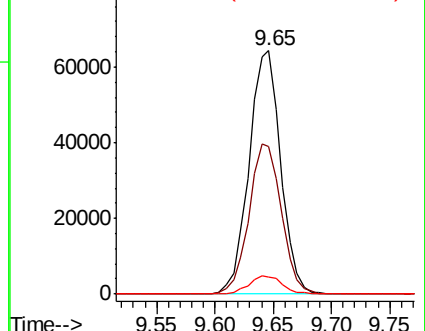
127 7.2 6.6 10.0

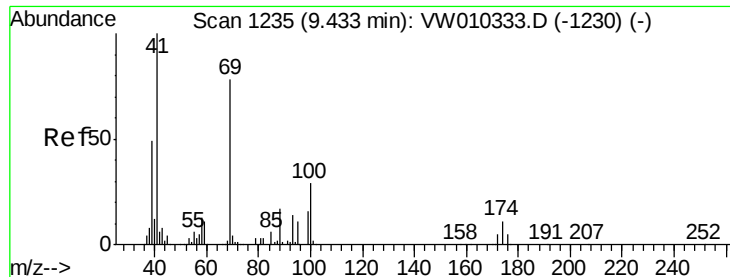


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

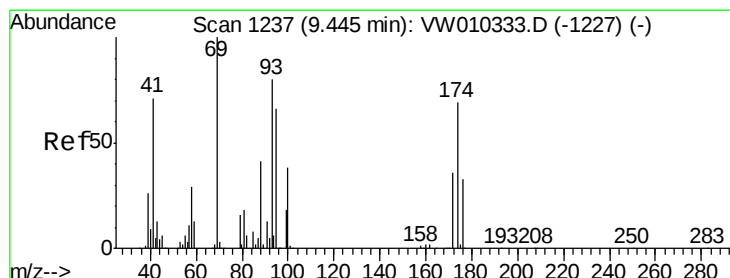
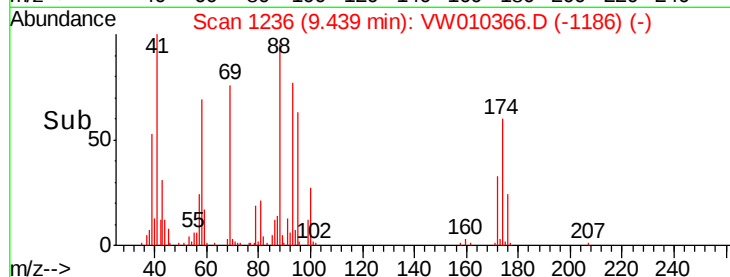
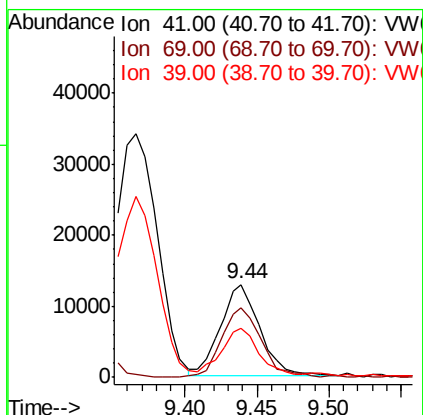
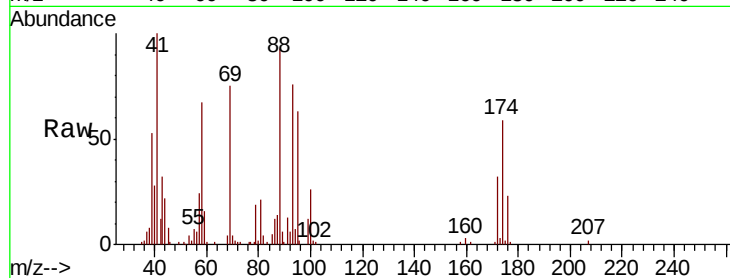




#48
Methyl methacrylate
Concen: 31.080 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

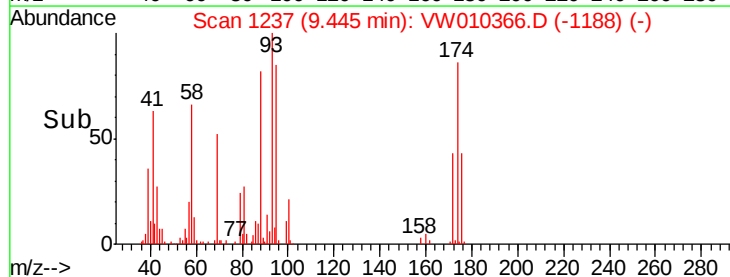
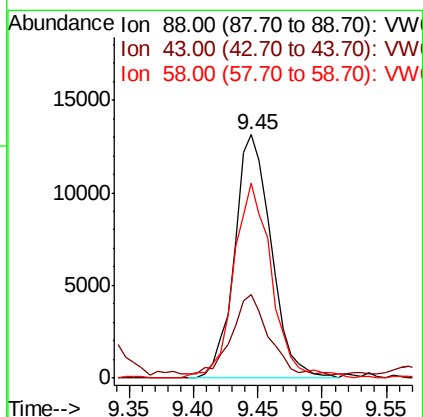
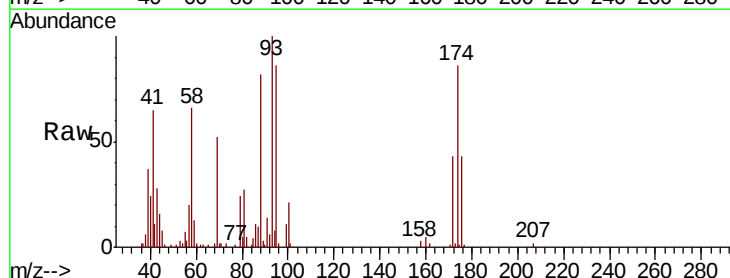
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

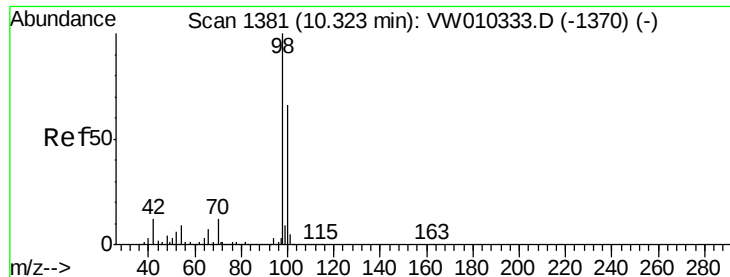
Tgt Ion: 41 Resp: 24673
Ion Ratio Lower Upper
41 100
69 77.9 60.1 90.1
39 46.8 51.0 76.6#



#49
1,4-Dioxane
Concen: 2226.746 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 88 Resp: 25966
Ion Ratio Lower Upper
88 100
43 33.9 31.9 47.9
58 83.3 61.8 92.6





#50

Toluene-d8

Concen: 49.385 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

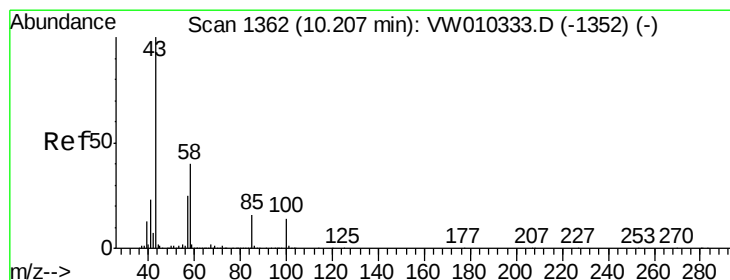
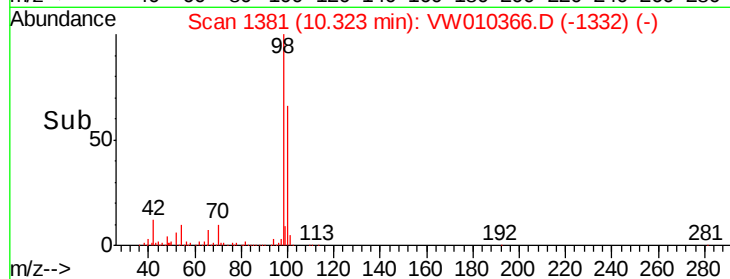
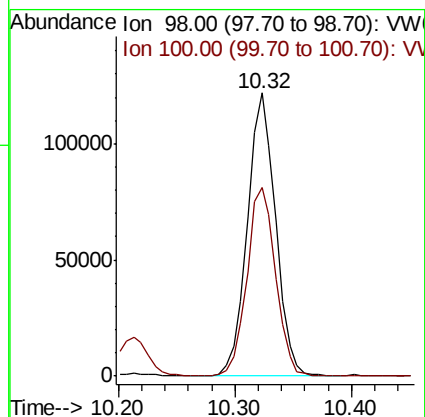
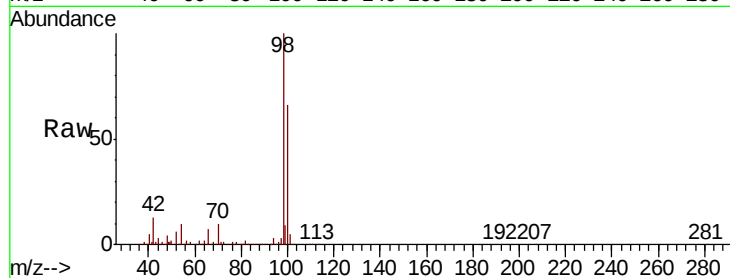
P026-SS006-0002-01MS

Tgt Ion: 98 Resp: 206357

Ion Ratio Lower Upper

98 100

100 67.3 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 231.563 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010366.D

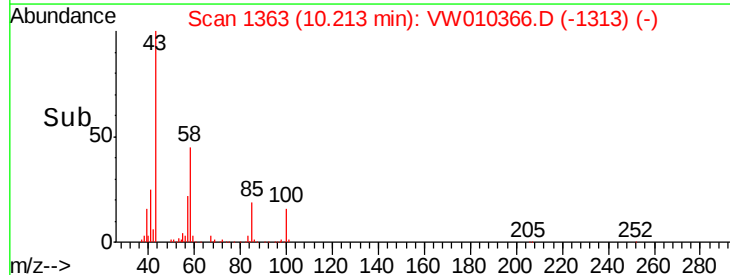
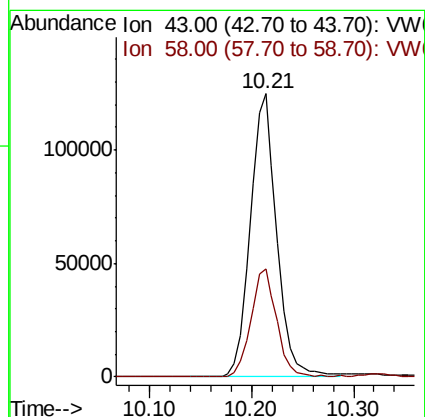
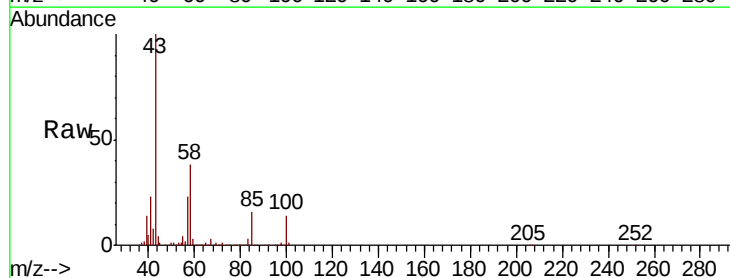
Acq: 10 May 2019 19:56

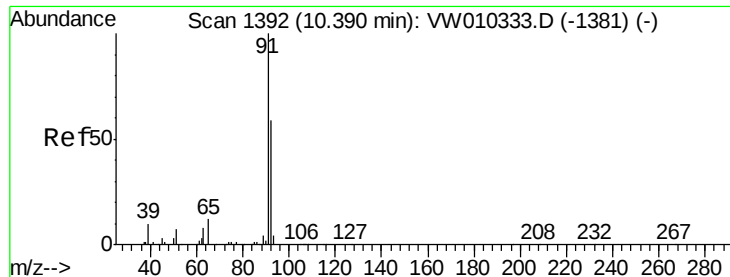
Tgt Ion: 43 Resp: 222931

Ion Ratio Lower Upper

43 100

58 37.7 28.9 43.3





#52

Toluene

Concen: 47.419 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

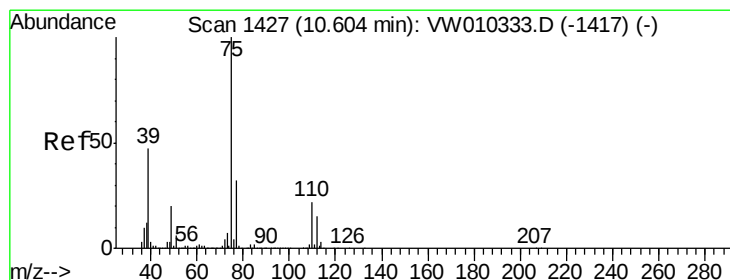
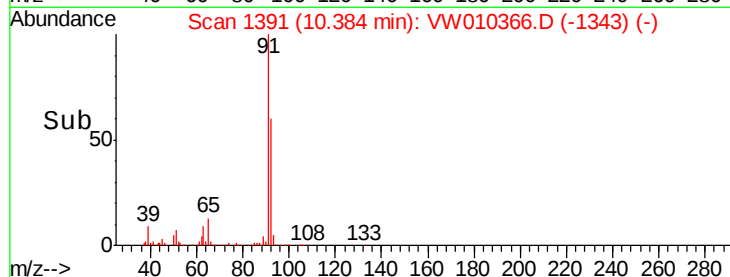
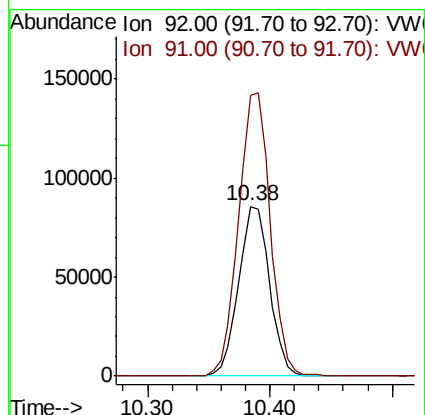
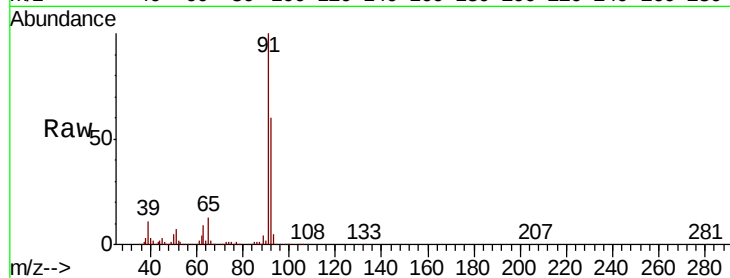
P026-SS006-0002-01MS

Tgt Ion: 92 Resp: 150919

Ion Ratio Lower Upper

92 100

91 170.4 138.5 207.7



#53

t-1,3-Dichloropropene

Concen: 29.554 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010366.D

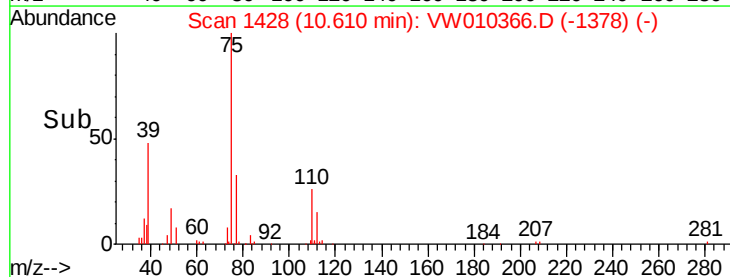
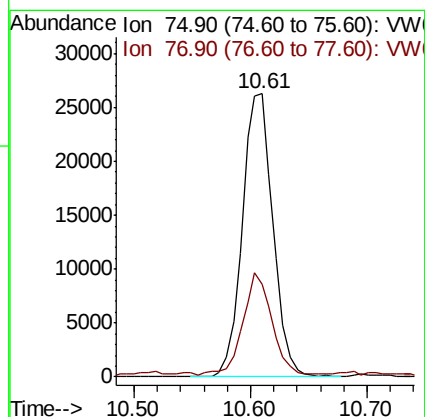
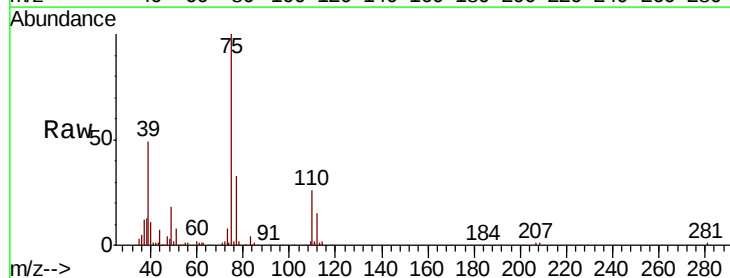
Acq: 10 May 2019 19:56

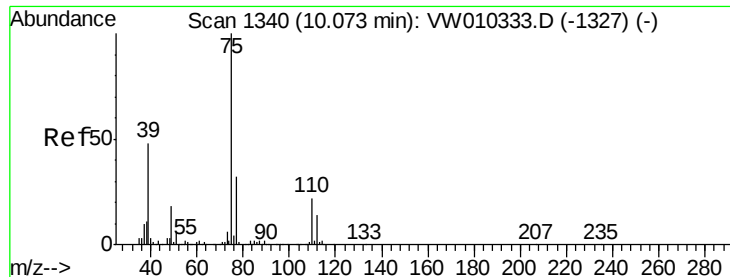
Tgt Ion: 75 Resp: 48016

Ion Ratio Lower Upper

75 100

77 31.3 26.9 40.3





#54

cis-1,3-Dichloropropene

Concen: 30.928 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

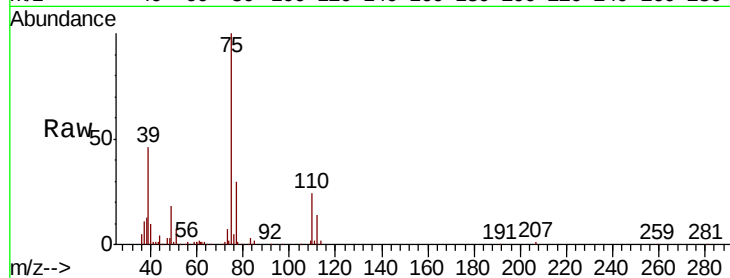
Tgt Ion: 75 Resp: 59510

Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

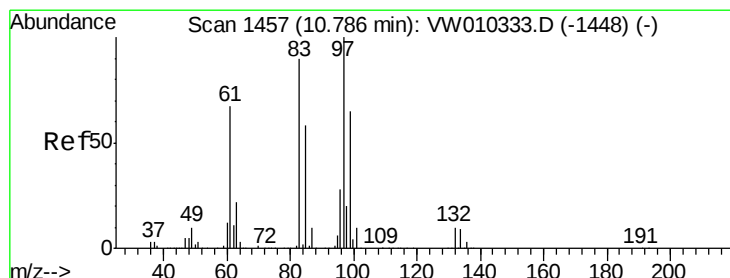
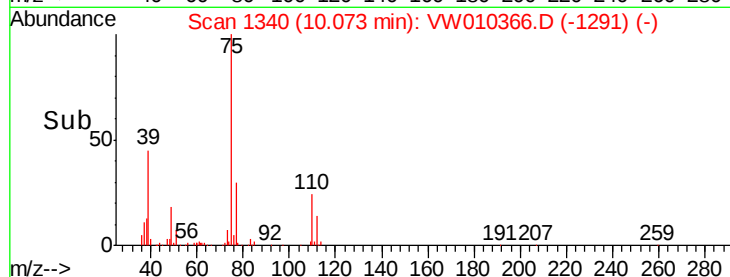
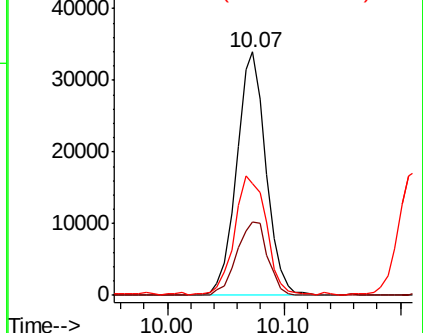
39 45.5 47.8 71.6#



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



#55

1,1,2-Trichloroethane

Concen: 82.283 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion: 97 Resp: 78146

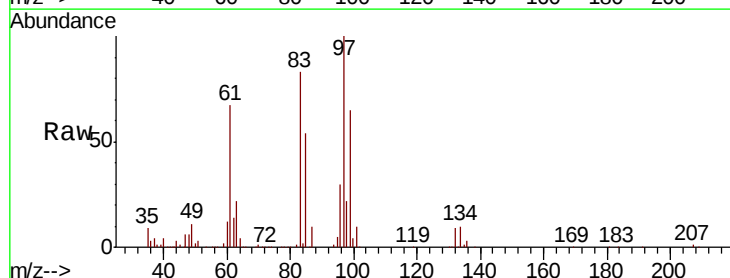
Ion Ratio Lower Upper

97 100

83 83.1 68.9 103.3

85 53.6 42.9 64.3

99 65.2 48.6 72.8

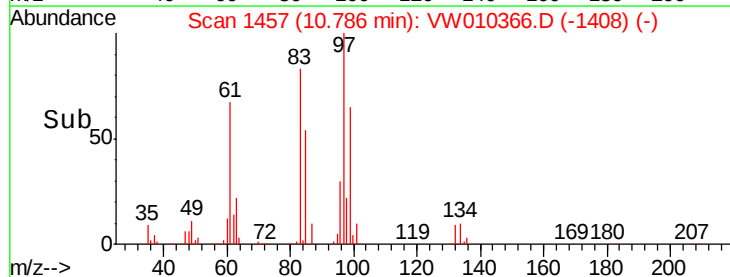
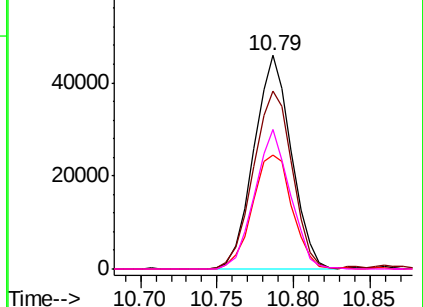


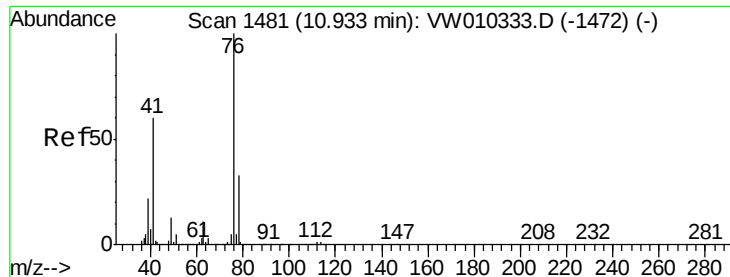
Abundance Ion 96.90 (96.60 to 97.60): VW

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





#57

1,3-Dichloropropane

Concen: 68.218 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

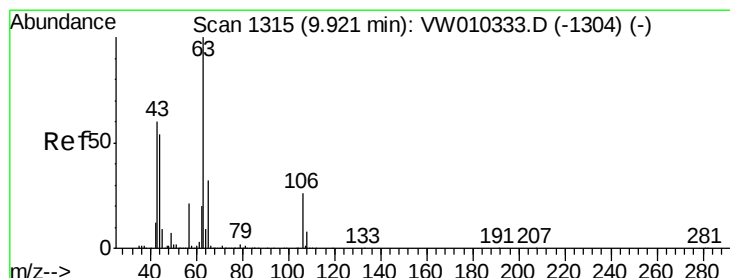
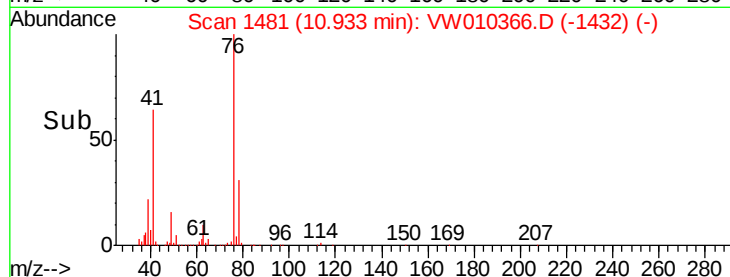
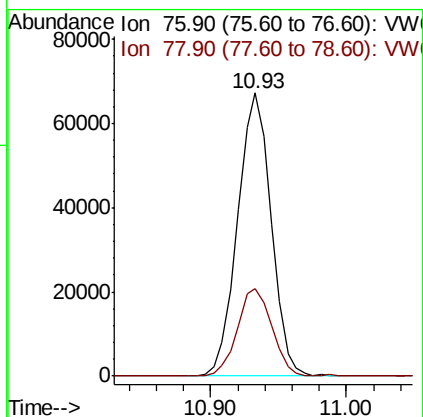
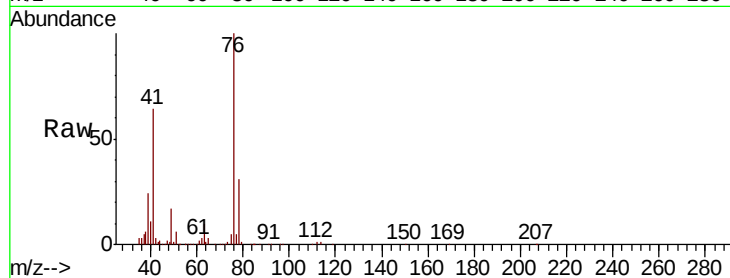
P026-SS006-0002-01MS

Tgt Ion: 76 Resp: 115823

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 202.924 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010366.D

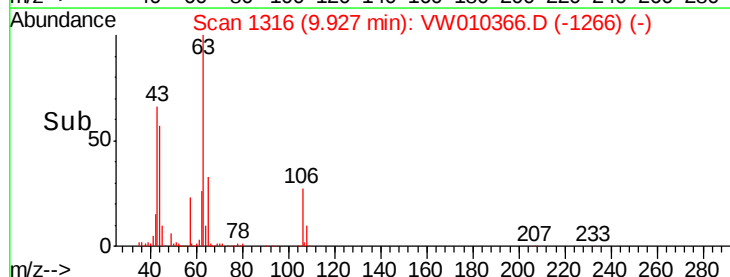
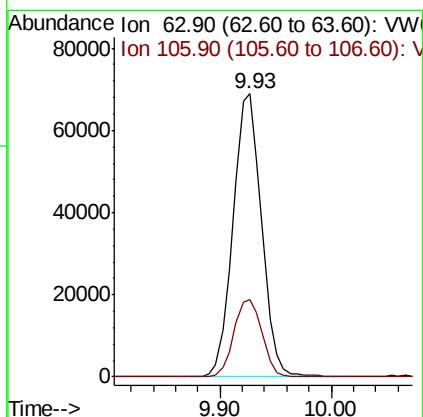
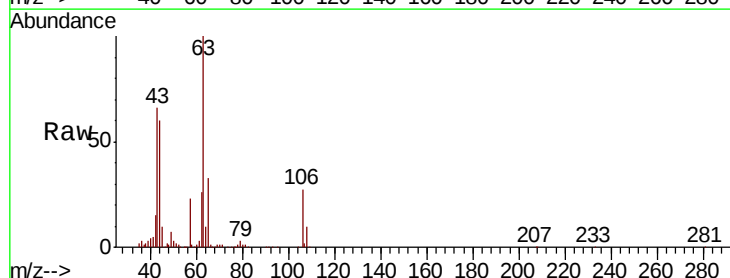
Acq: 10 May 2019 19:56

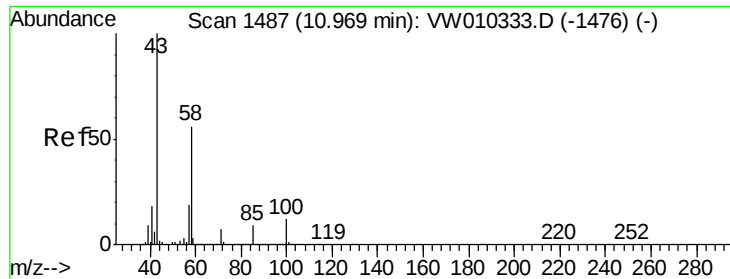
Tgt Ion: 63 Resp: 121850

Ion Ratio Lower Upper

63 100

106 26.8 21.4 32.0





#59

2-Hexanone

Concen: 65.449 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

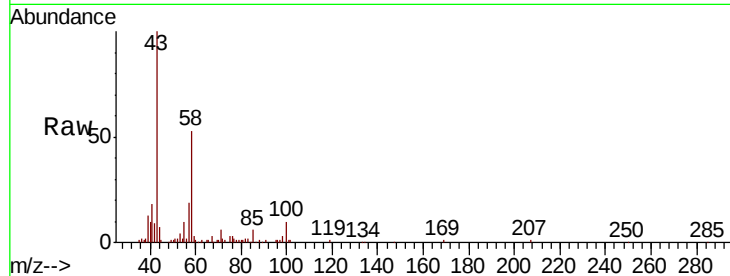
P026-SS006-0002-01MS

Tgt Ion: 43 Resp: 44550

Ion Ratio Lower Upper

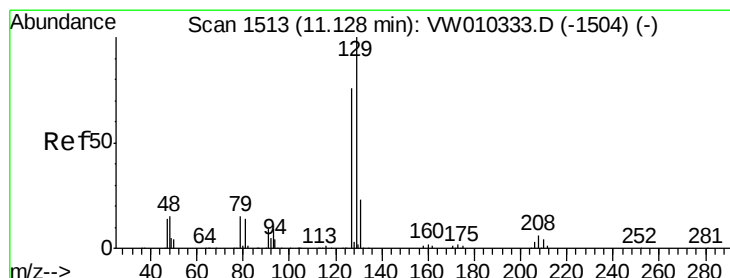
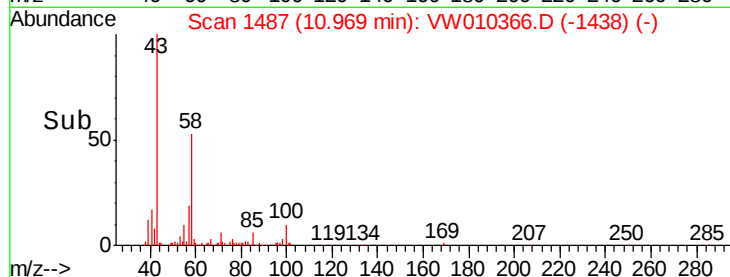
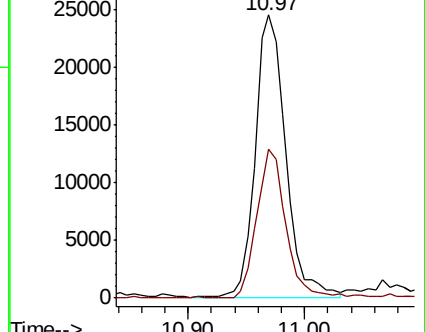
43 100

58 51.1 24.9 74.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 67.181 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010366.D

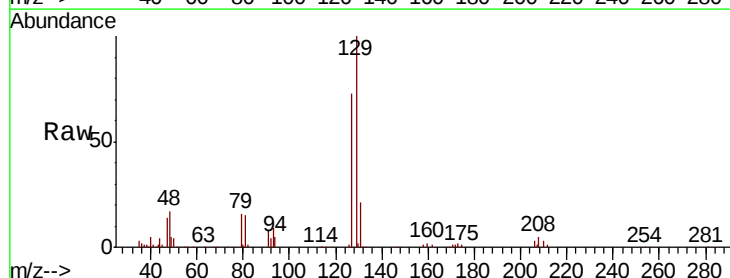
Acq: 10 May 2019 19:56

Tgt Ion: 129 Resp: 68657

Ion Ratio Lower Upper

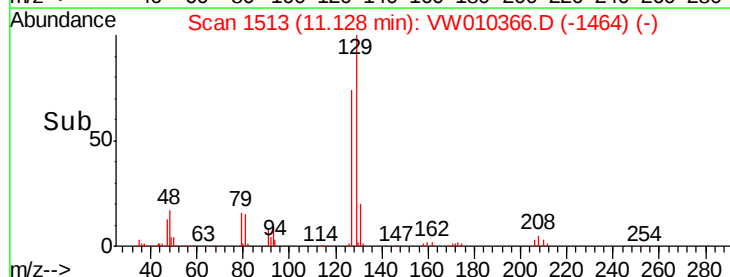
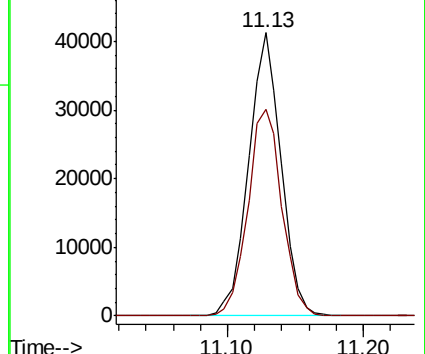
129 100

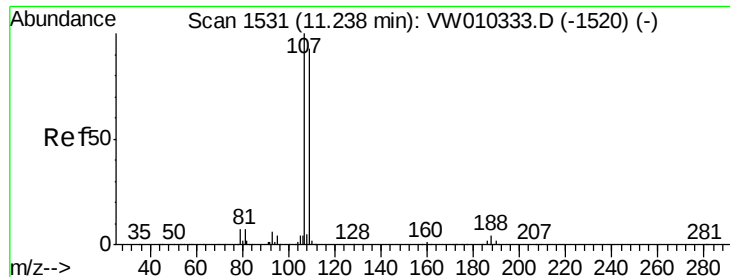
127 76.8 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

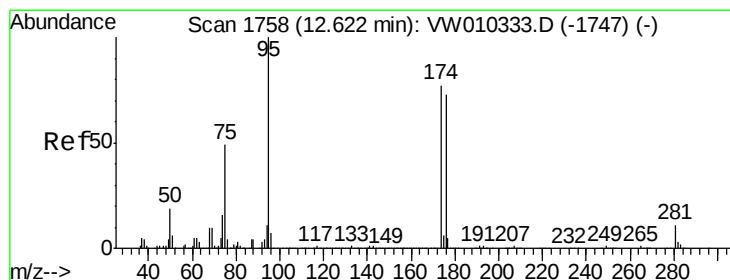
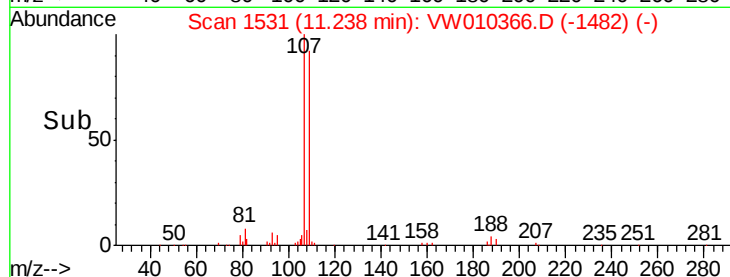
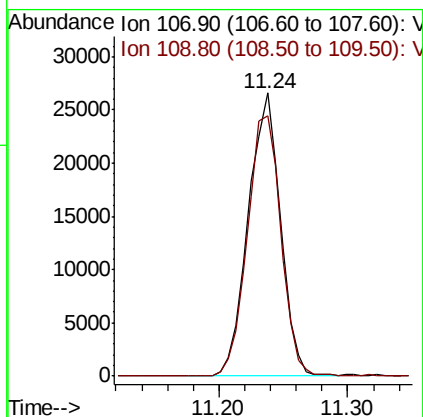
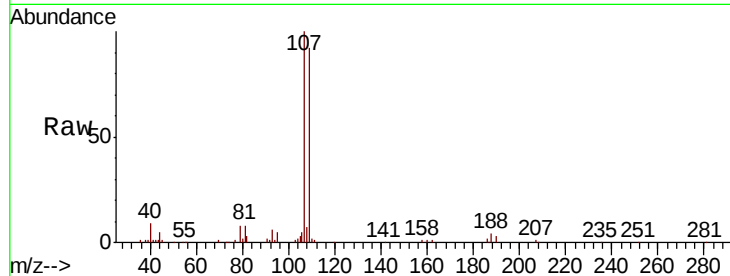




#61
 1,2-Dibromoethane
 Concen: 50.193 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

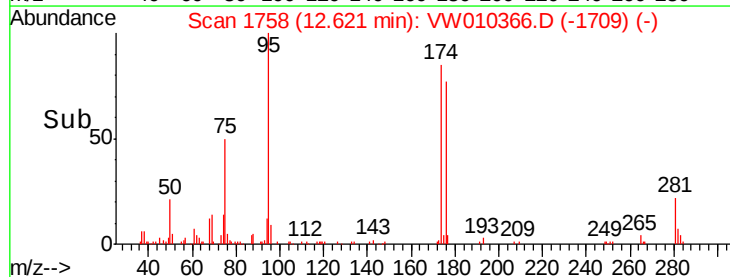
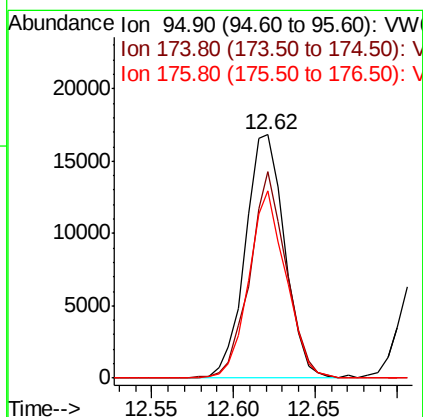
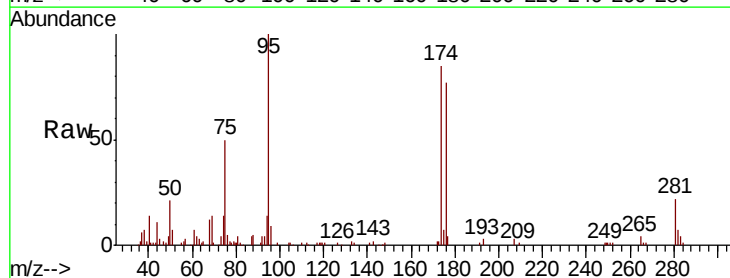
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

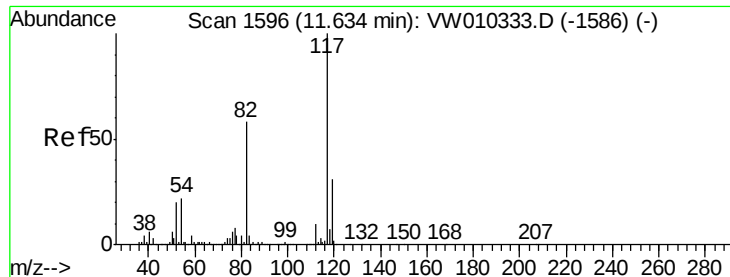
Tgt Ion: 107 Resp: 45761
 Ion Ratio Lower Upper
 107 100
 109 95.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 19.176 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion: 95 Resp: 28206
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 151.4
 176 72.9 0.0 146.2

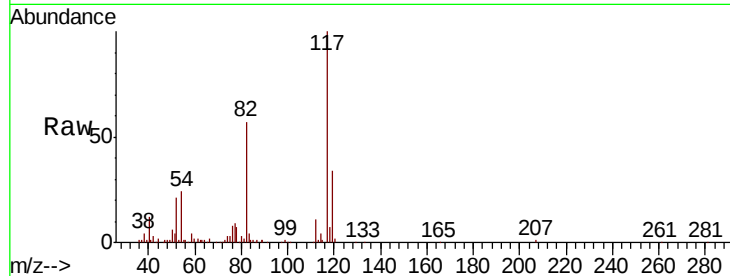




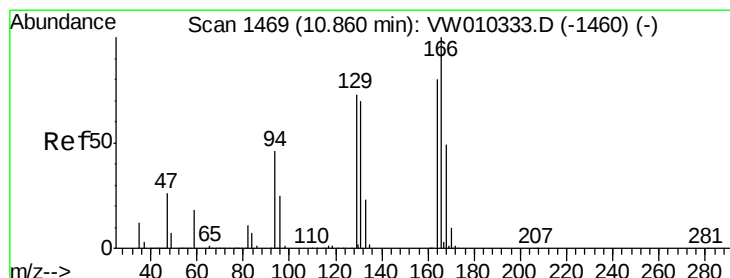
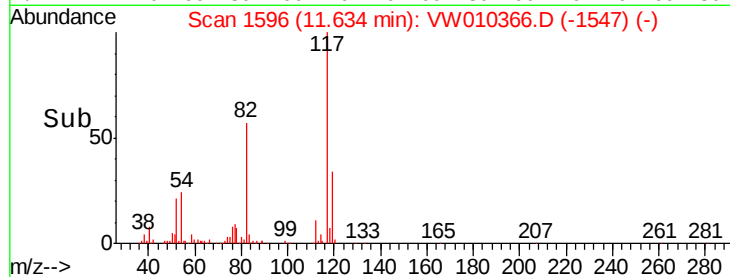
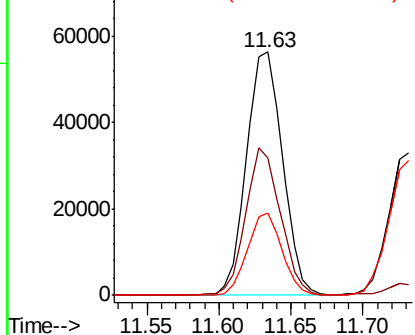
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tgt Ion:117 Resp: 97553
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 34.0 25.4 38.2

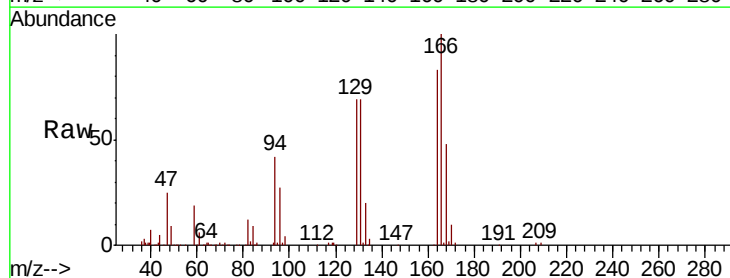


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

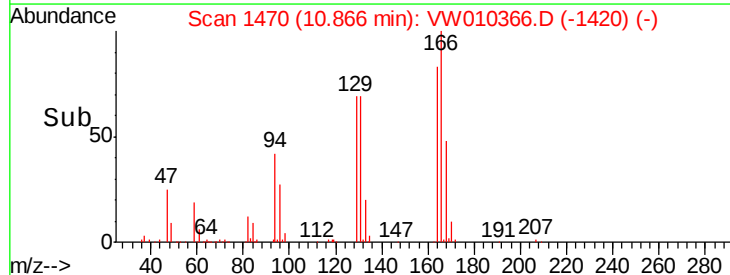
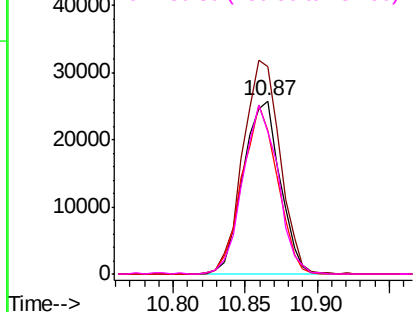


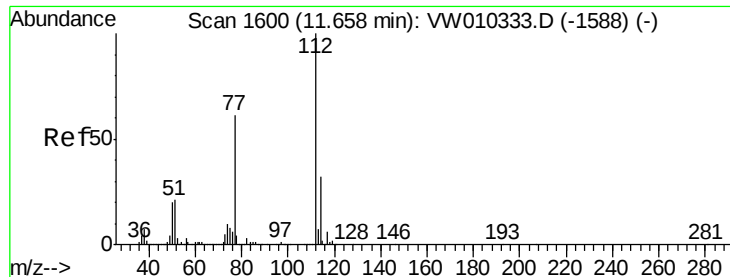
#64
Tetrachloroethene
Concen: 66.958 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:164 Resp: 45654
Ion Ratio Lower Upper
164 100
166 120.0 101.2 151.8
129 83.1 77.8 116.6
131 82.2 73.1 109.7



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

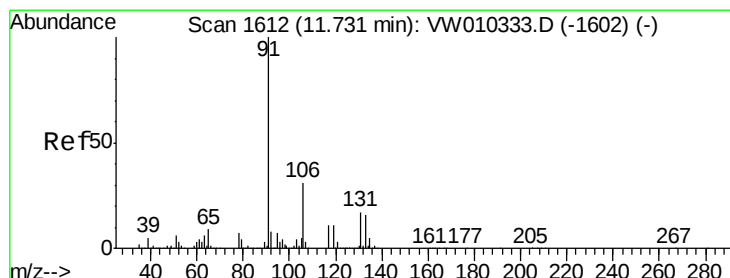
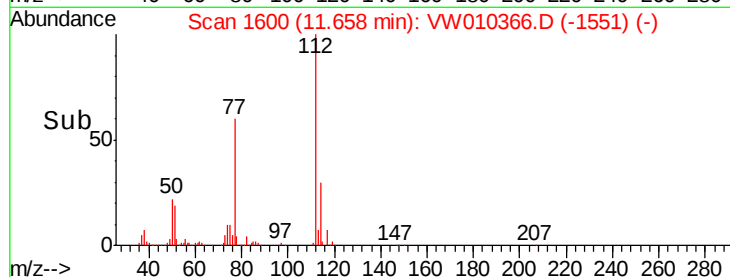
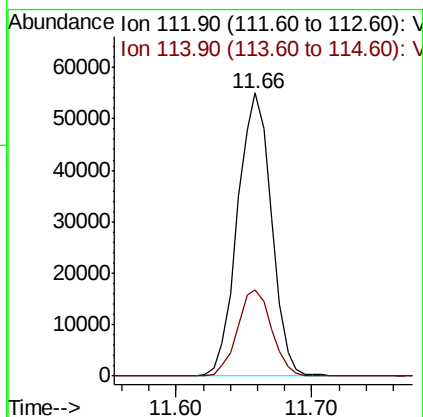
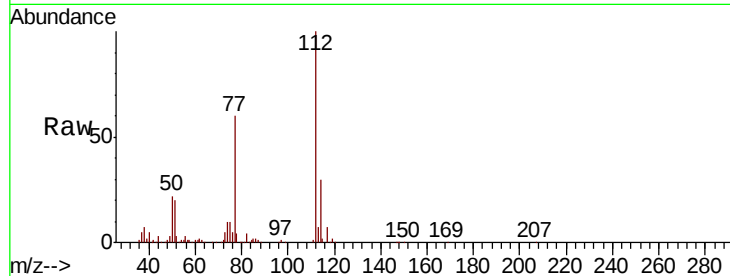




#65
Chlorobenzene
Concen: 47.393 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

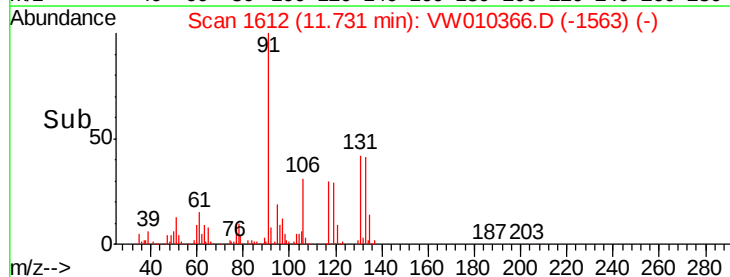
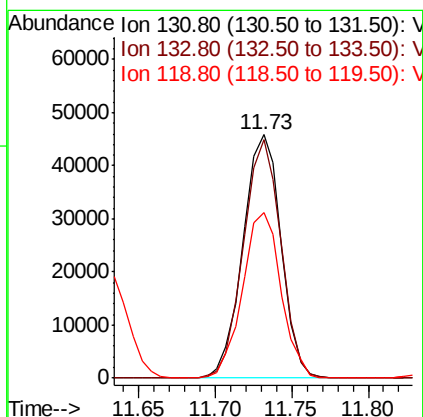
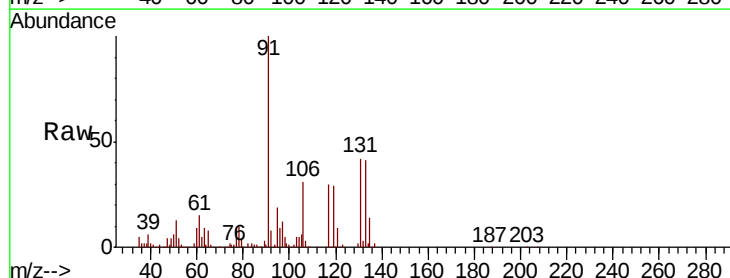
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

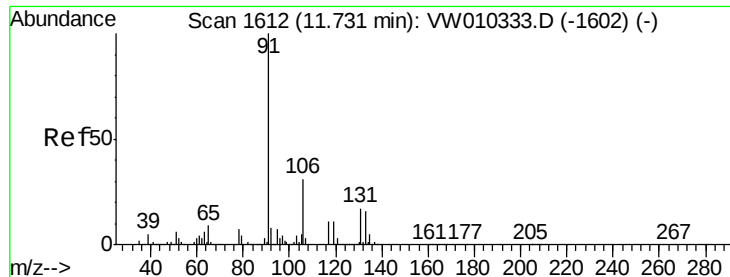
Tgt Ion:112 Resp: 95705
Ion Ratio Lower Upper
112 100
114 30.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 116.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:131 Resp: 79426
Ion Ratio Lower Upper
131 100
133 96.4 46.5 139.5
119 68.7 31.9 95.5

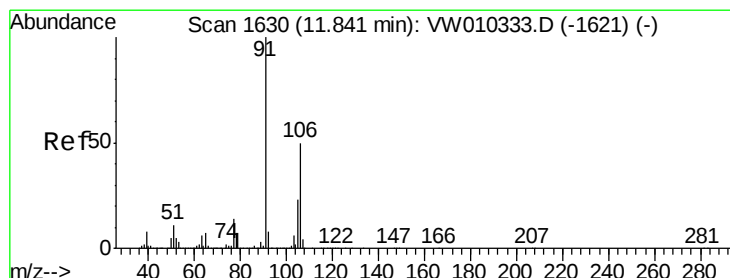
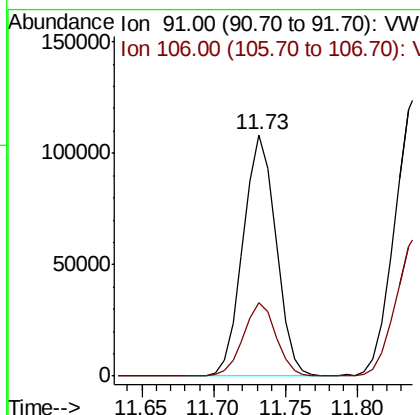
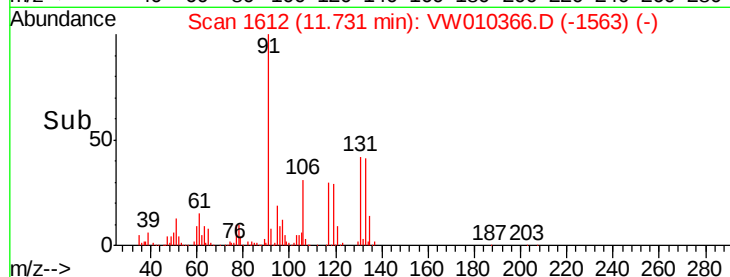
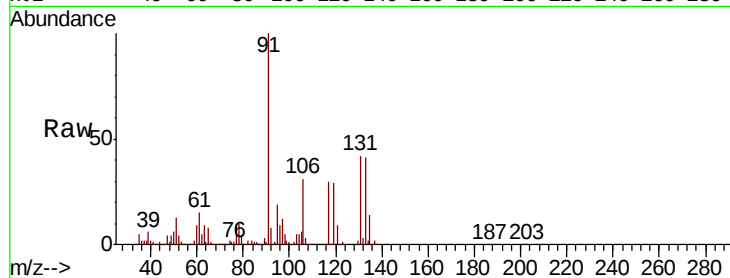




#67
Ethyl Benzene
Concen: 46.342 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

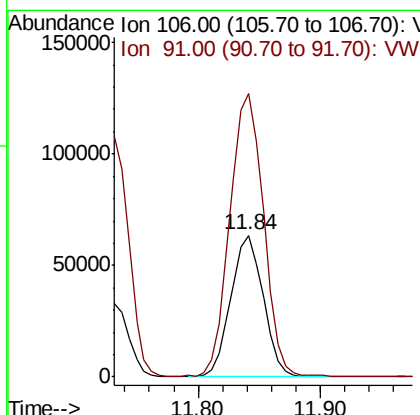
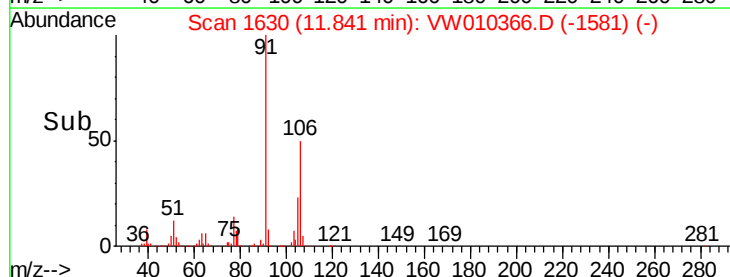
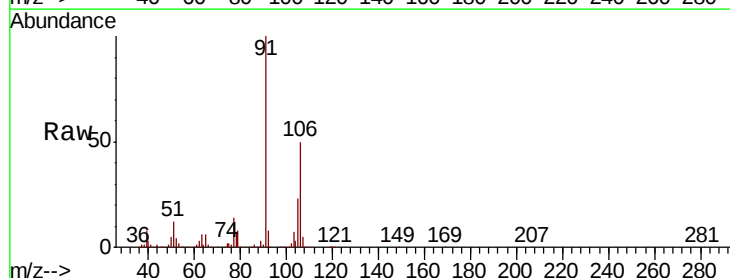
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

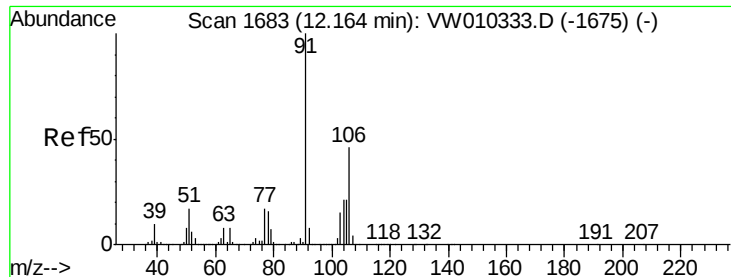
Tgt Ion: 91 Resp: 172156
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 84.718 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion: 106 Resp: 116933
Ion Ratio Lower Upper
106 100
91 207.0 165.0 247.6

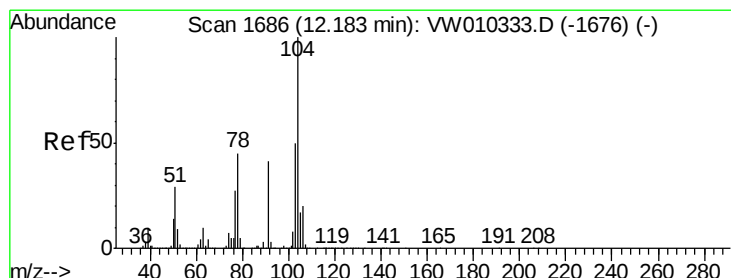
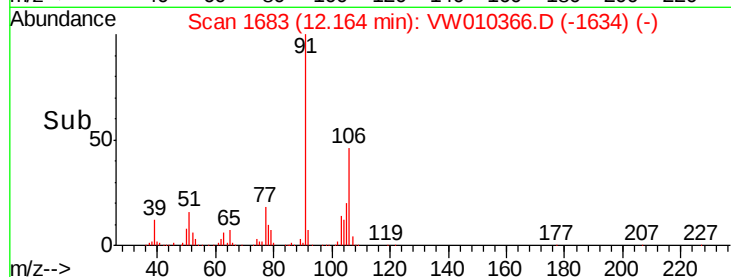
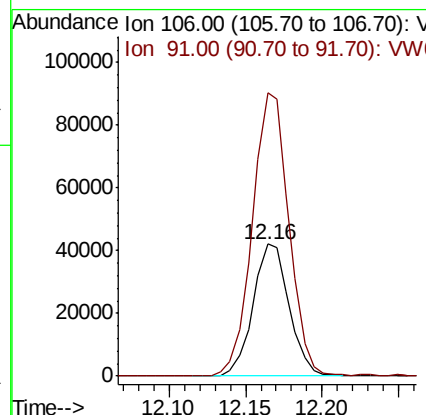
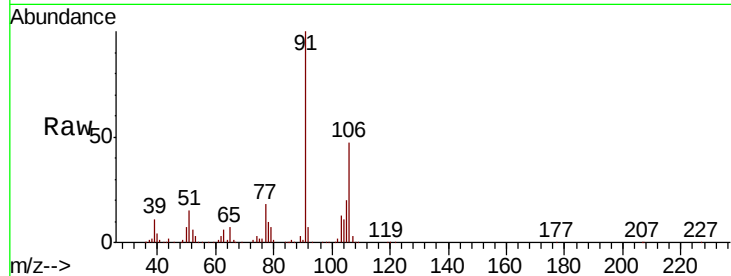




#69
o-Xylene
Concen: 55.182 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

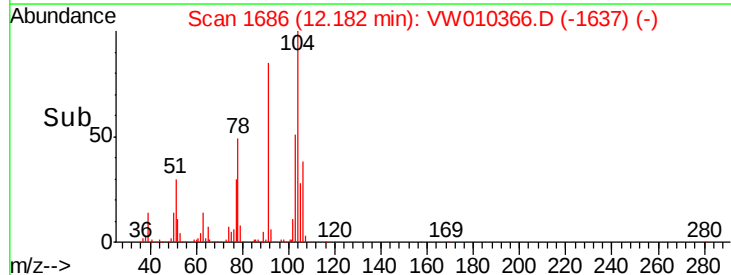
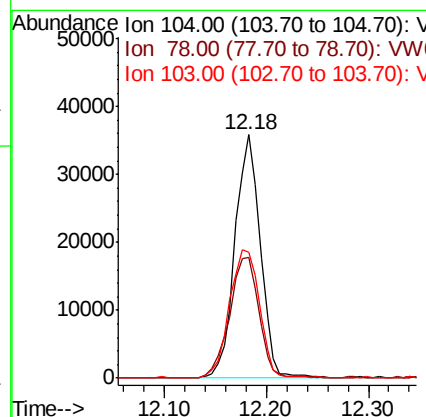
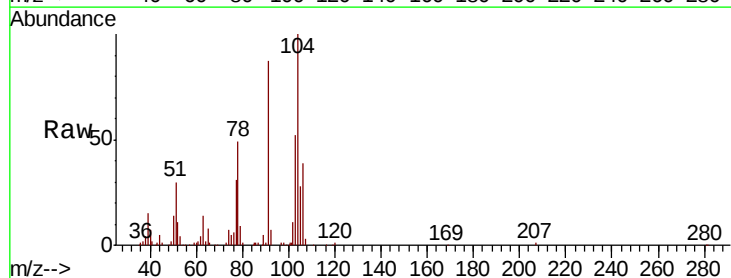
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

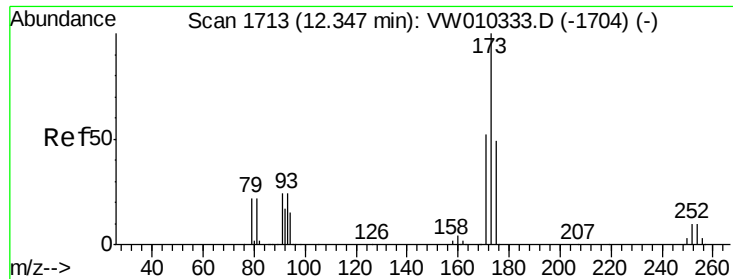
Tgt Ion:106 Resp: 68899
Ion Ratio Lower Upper
106 100
91 217.1 110.5 331.4



#70
Styrene
Concen: 28.245 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:104 Resp: 61449
Ion Ratio Lower Upper
104 100
78 58.3 42.5 63.7
103 62.6 43.6 65.4

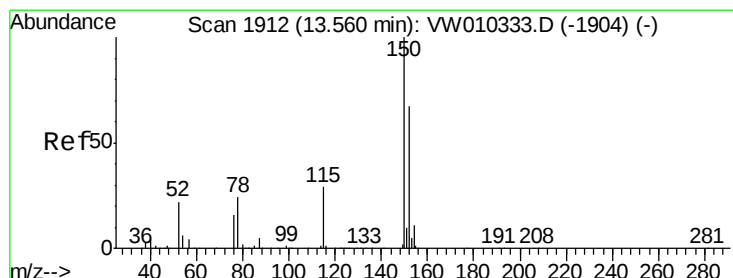
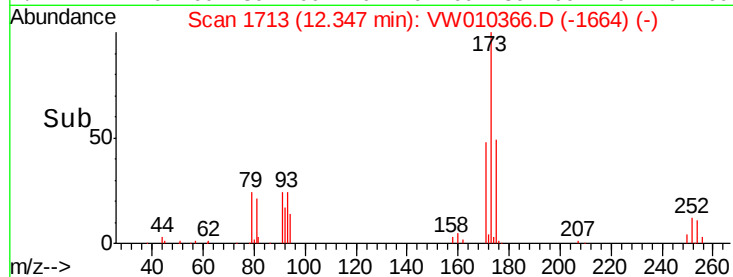
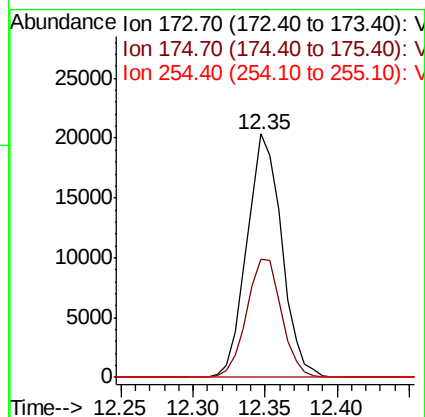
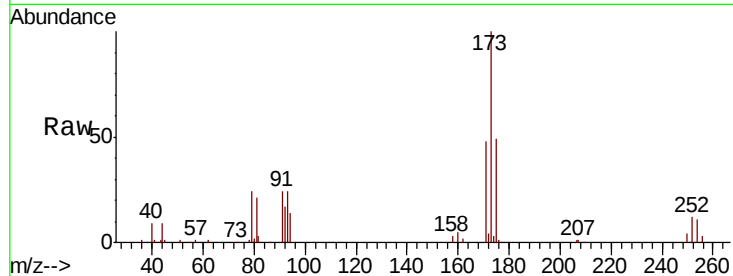




#71
Bromoform
Concen: 87.125 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

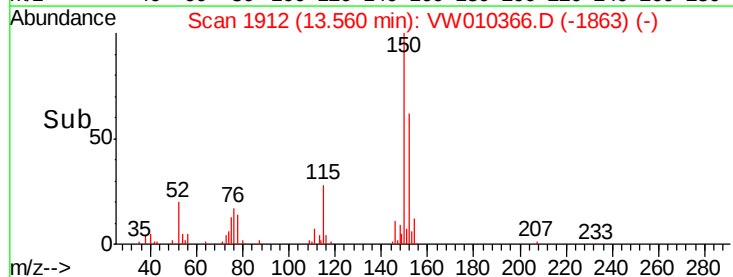
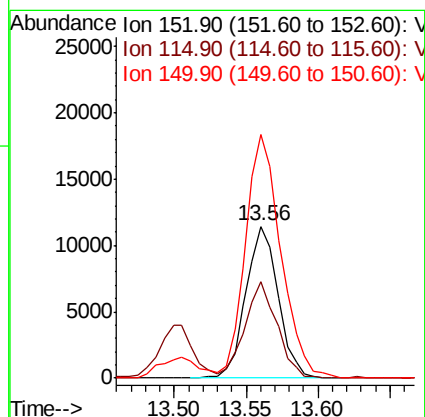
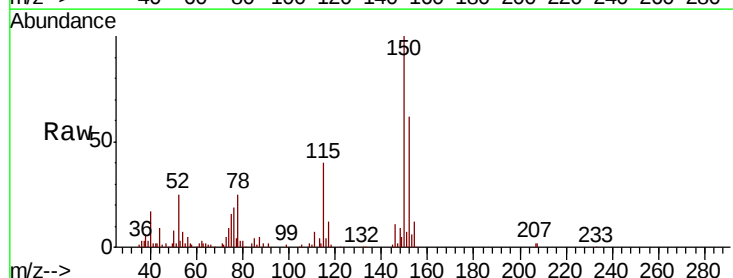
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

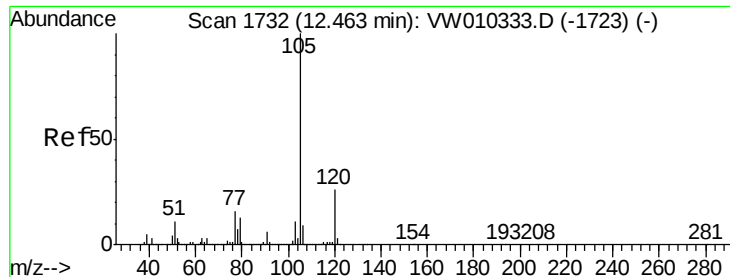
Tgt Ion:173 Resp: 33993
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:152 Resp: 17685
Ion Ratio Lower Upper
152 100
115 63.8 30.4 91.2
150 175.9 0.0 347.0





#73

Isopropylbenzene

Concen: 117.715 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

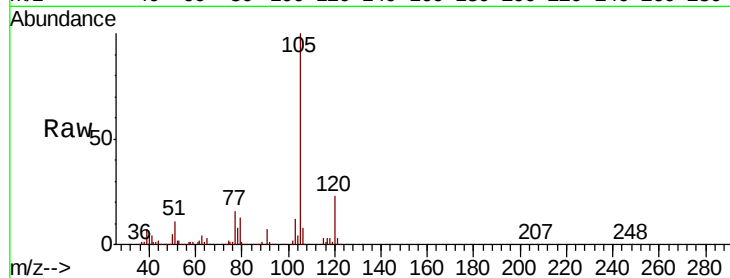
P026-SS006-0002-01MS

Tgt Ion: 105 Resp: 151741

Ion Ratio Lower Upper

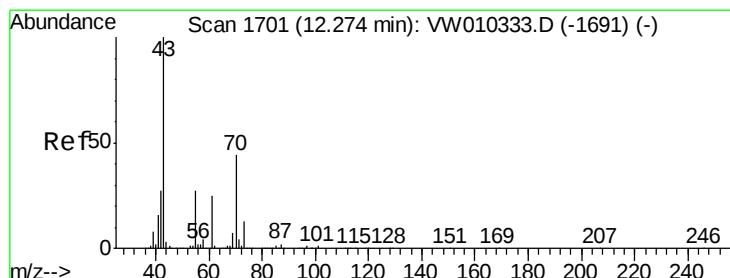
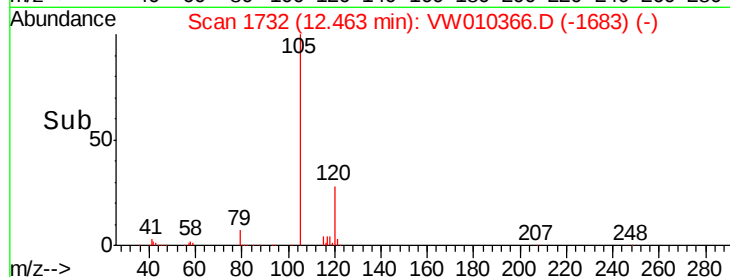
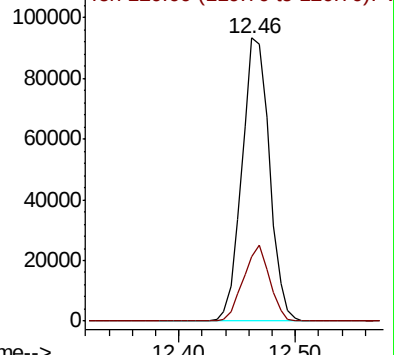
105 100

120 25.5 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-ethyl acetate

Concen: 1.387 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion: 43 Resp: 462

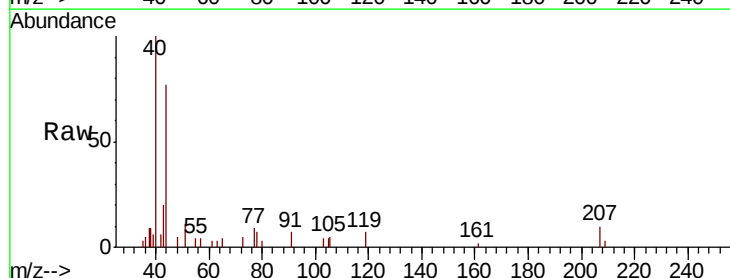
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 14.9 20.0 30.0#

61 20.3 17.8 26.8

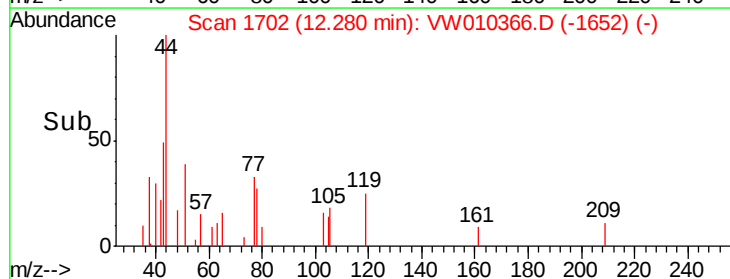
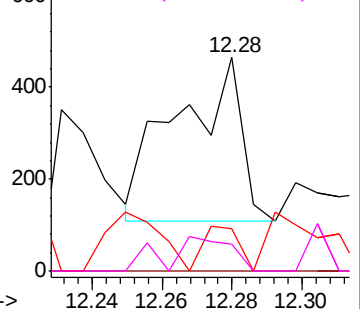


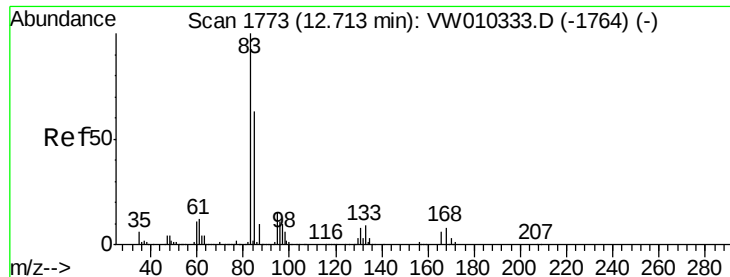
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 322.647 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

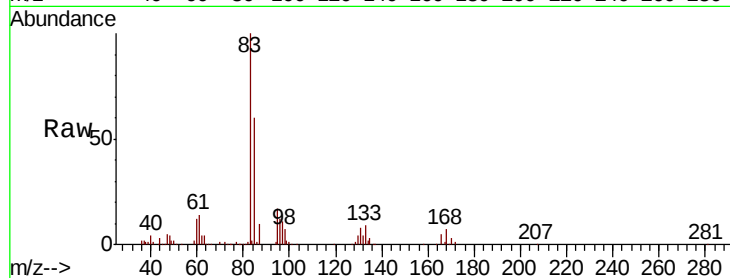
Tgt Ion: 83 Resp: 91640

Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.8

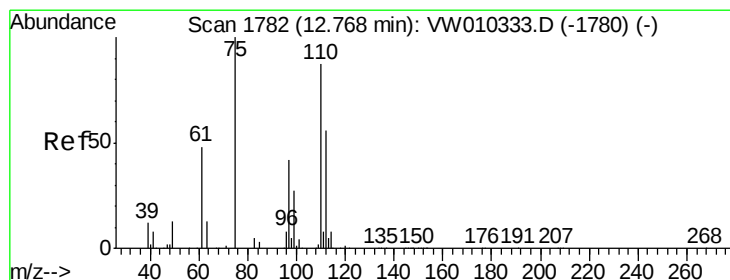
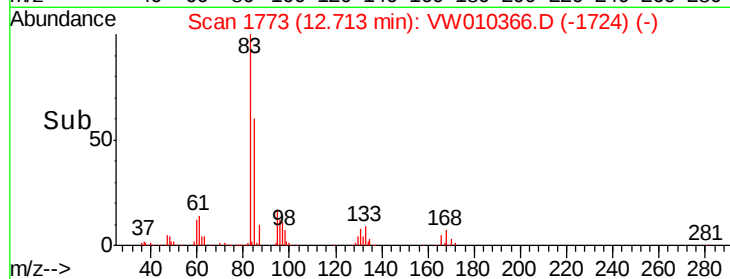
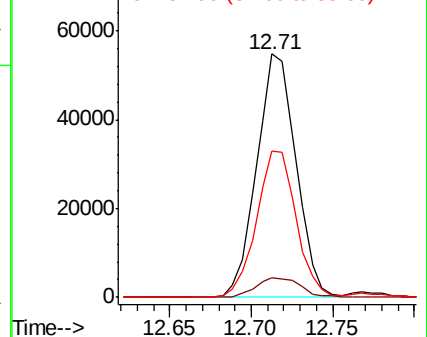
85 60.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 383.225 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010366.D

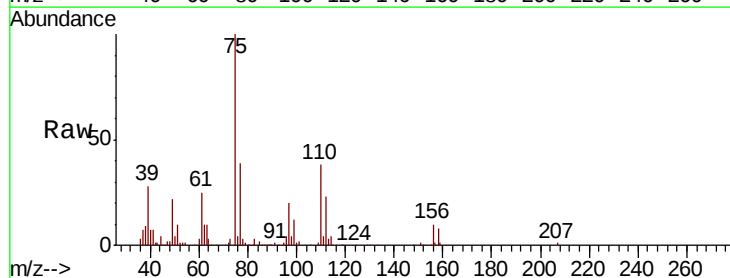
Acq: 10 May 2019 19:56

Tgt Ion: 75 Resp: 79018

Ion Ratio Lower Upper

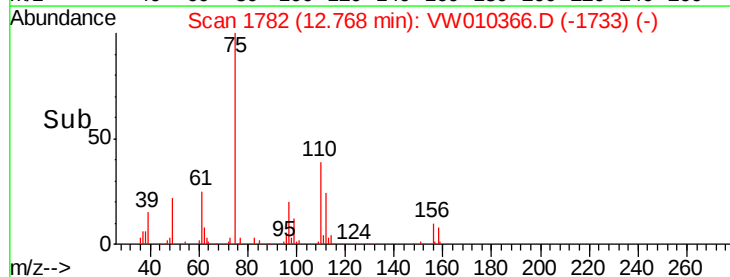
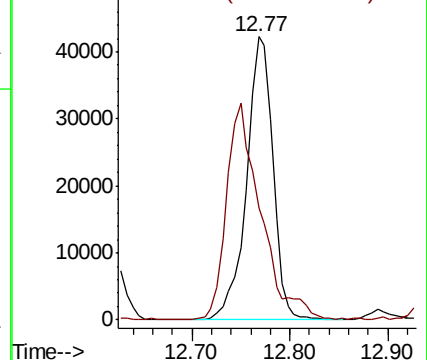
75 100

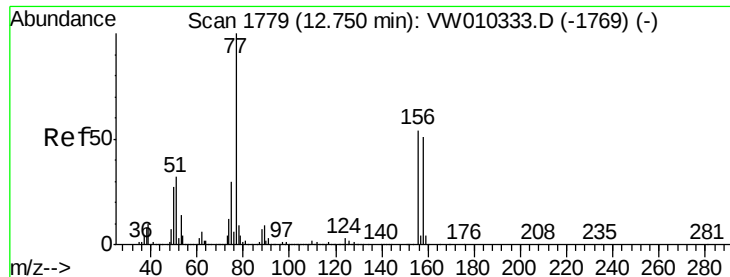
77 99.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 98.250 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

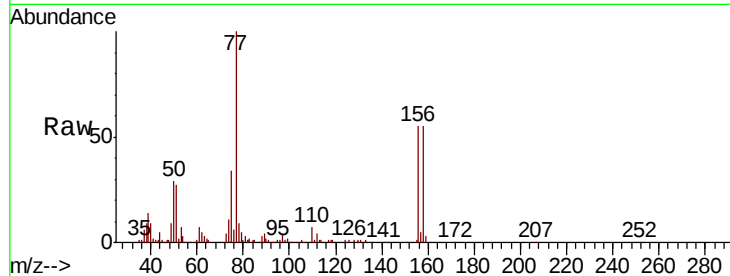
Tgt Ion:156 Resp: 28597

Ion Ratio Lower Upper

156 100

77 275.2 102.5 307.4

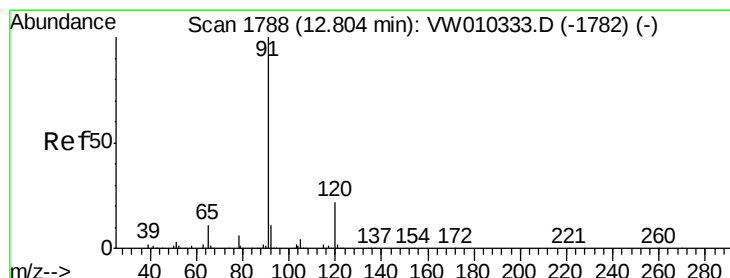
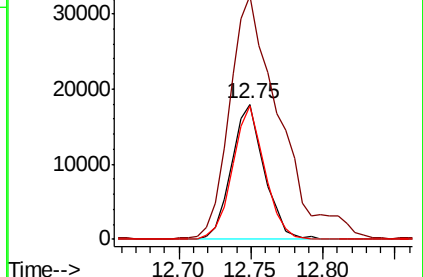
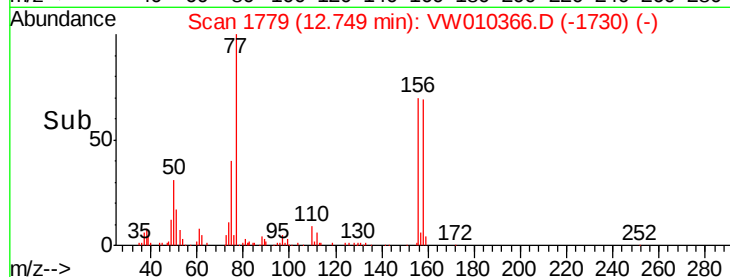
158 96.5 48.8 146.4



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: 66.788 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010366.D

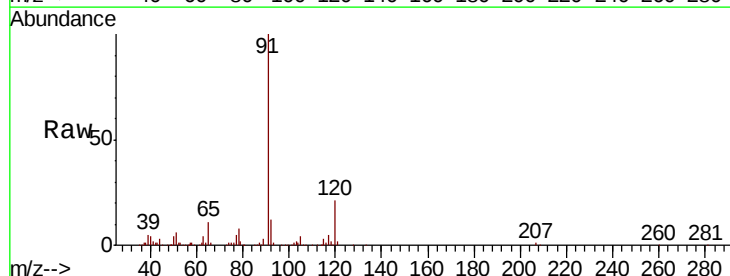
Acq: 10 May 2019 19:56

Tgt Ion: 91 Resp: 106334

Ion Ratio Lower Upper

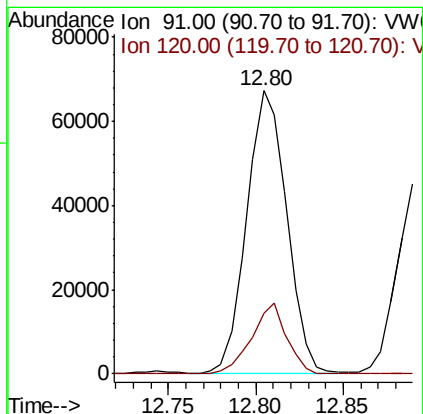
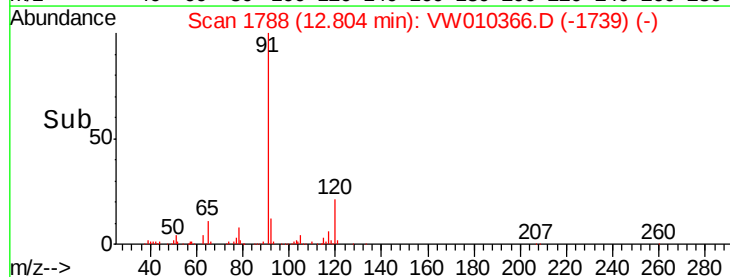
91 100

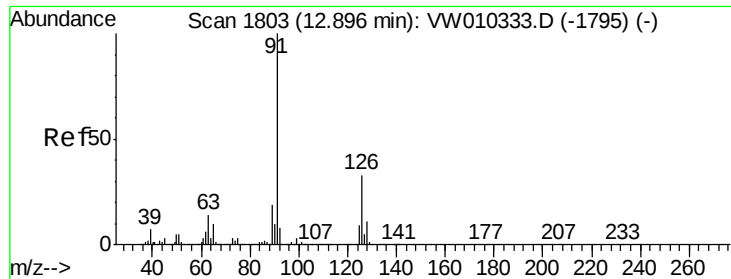
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 85.853 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

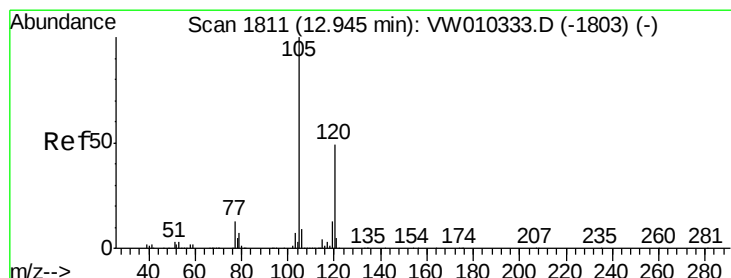
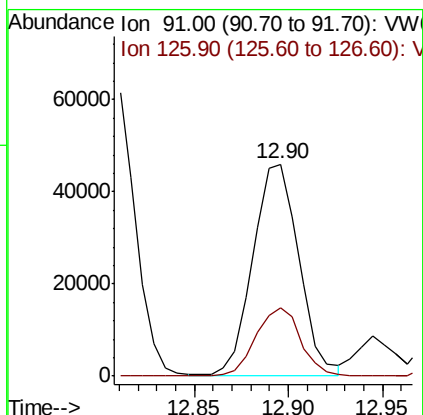
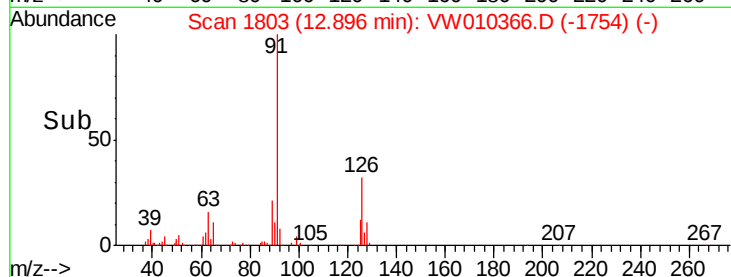
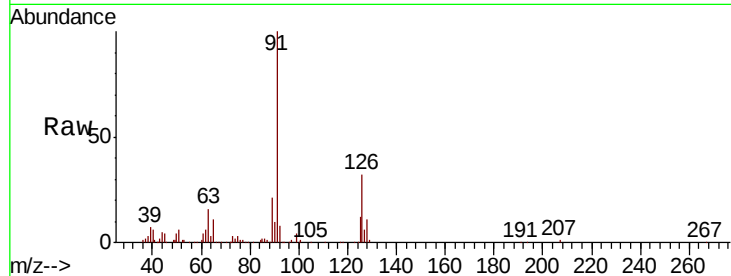
P026-SS006-0002-01MS

Tgt Ion: 91 Resp: 77841

Ion Ratio Lower Upper

91 100

126 31.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 90.453 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010366.D

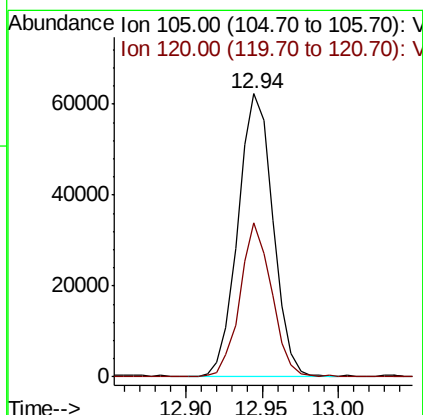
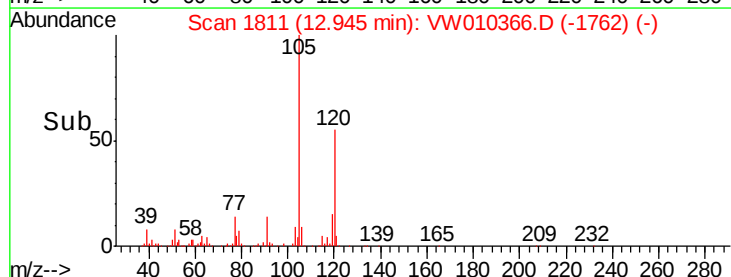
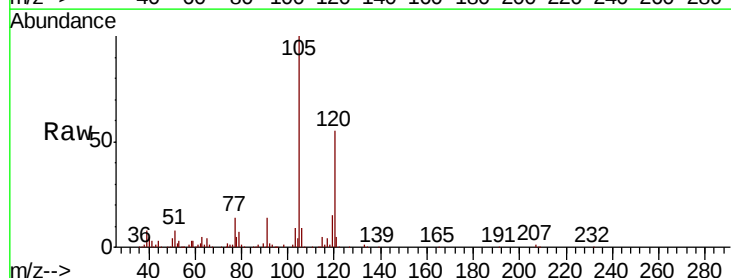
Acq: 10 May 2019 19:56

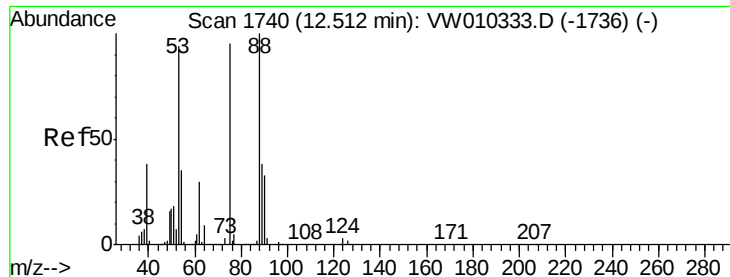
Tgt Ion: 105 Resp: 98299

Ion Ratio Lower Upper

105 100

120 49.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.500 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

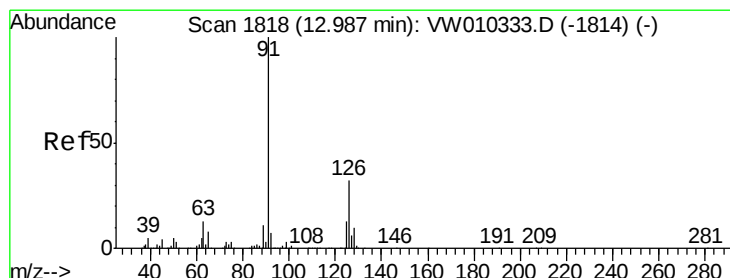
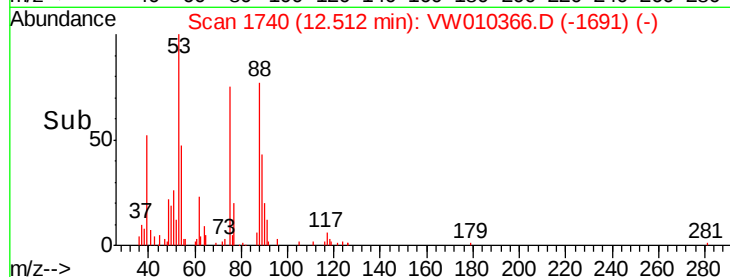
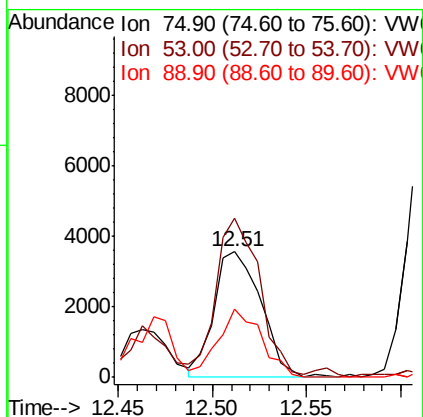
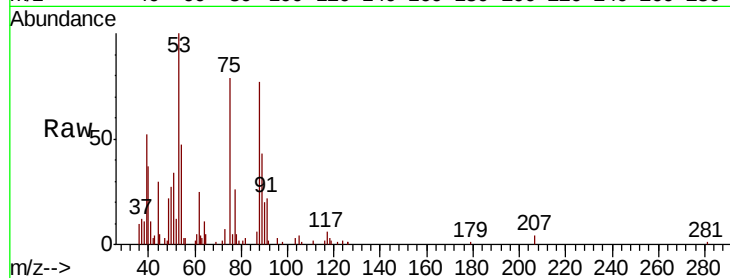
Tgt Ion: 75 Resp: 6163

Ion Ratio Lower Upper

75 100

53 117.7 89.8 134.8

89 49.9 36.6 54.8



#82

4-Chlorotoluene

Concen: 58.957 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010366.D

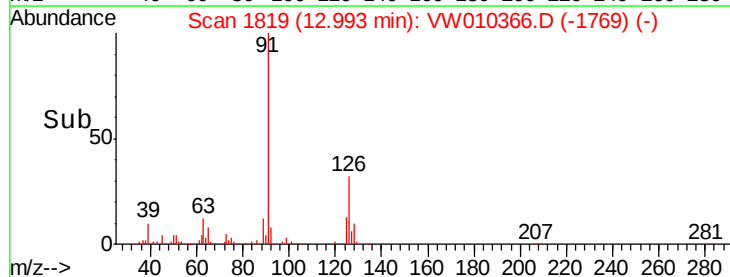
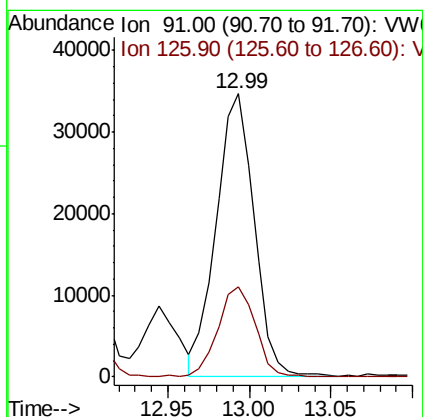
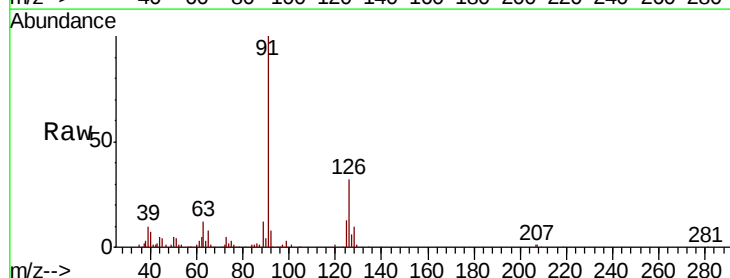
Acq: 10 May 2019 19:56

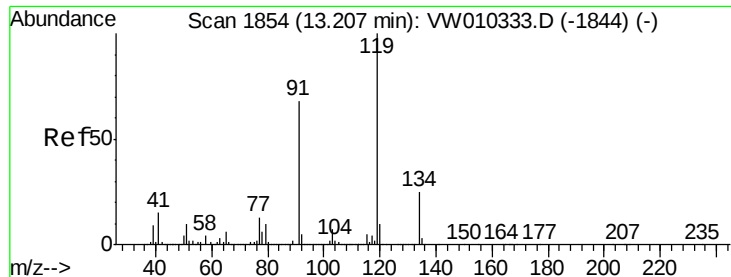
Tgt Ion: 91 Resp: 56008

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.1

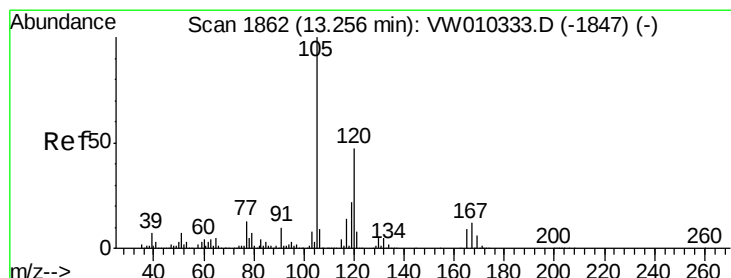
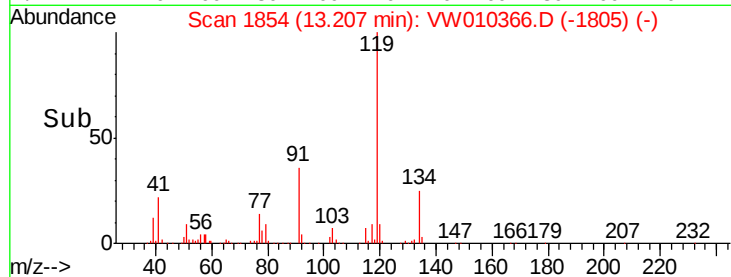
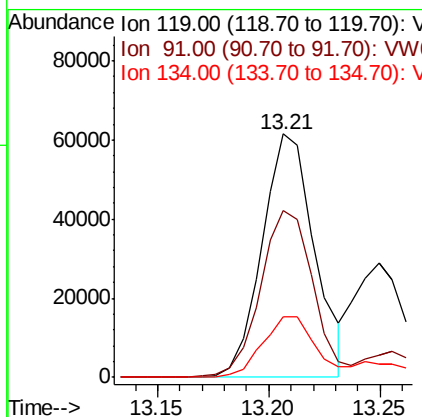
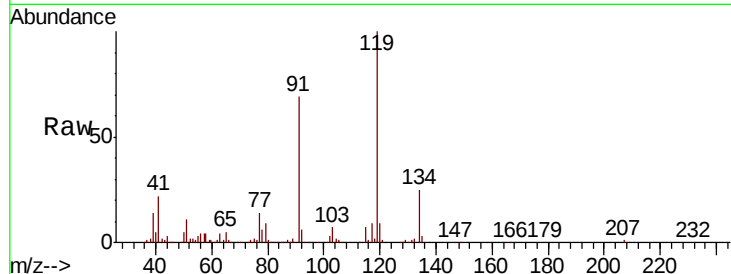




#83
 tert-Butylbenzene
 Concen: 111.005 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

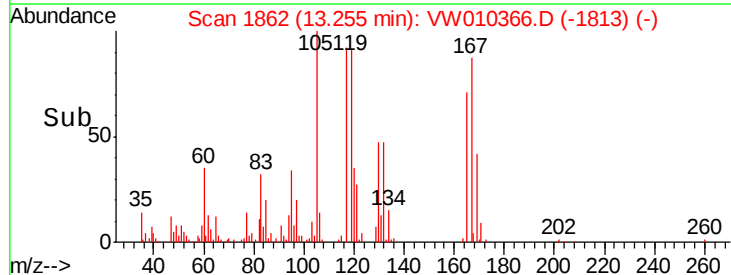
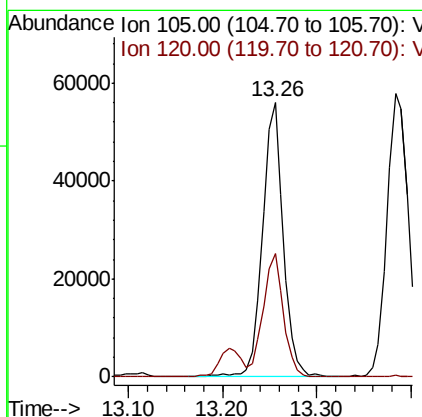
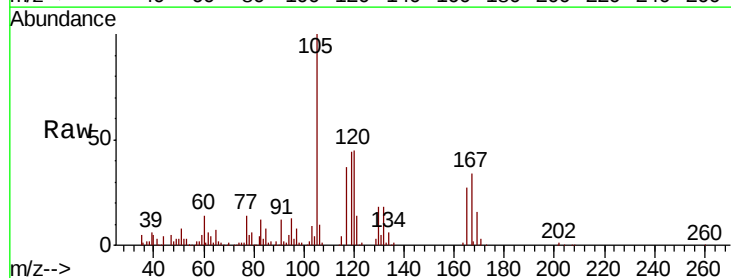
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

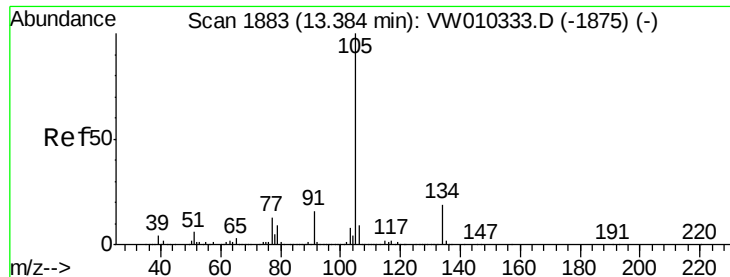
Tgt Ion:119 Resp: 100620
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.4
 134 25.6 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 80.104 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion:105 Resp: 86505
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7

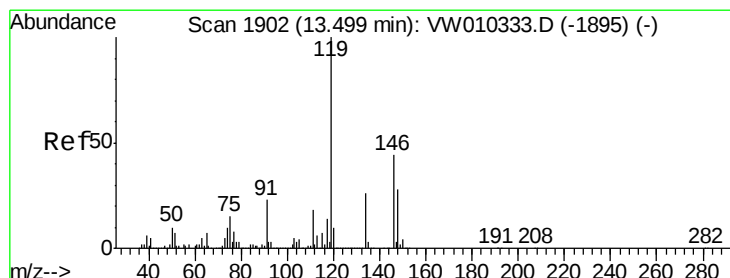
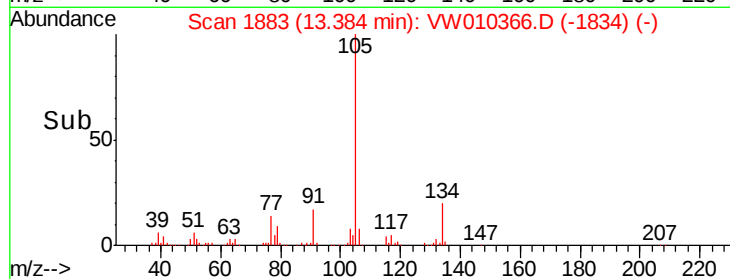
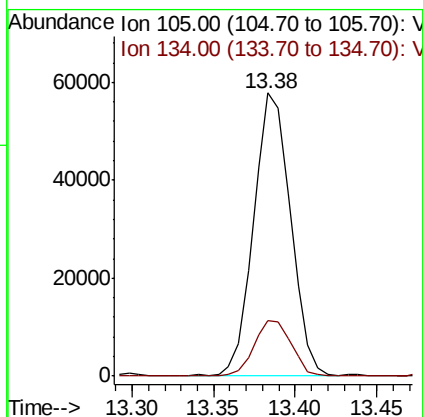
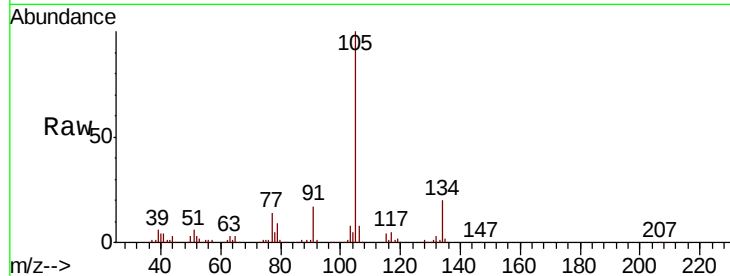




#85
 sec-Butylbenzene
 Concen: 68.004 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

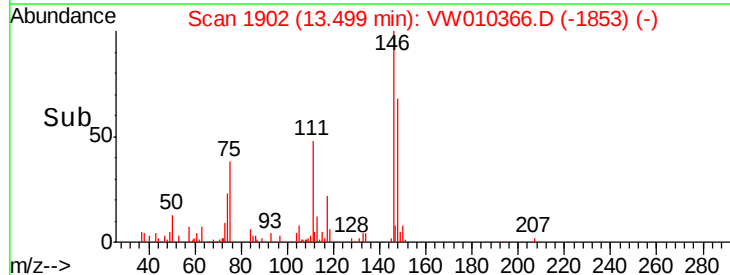
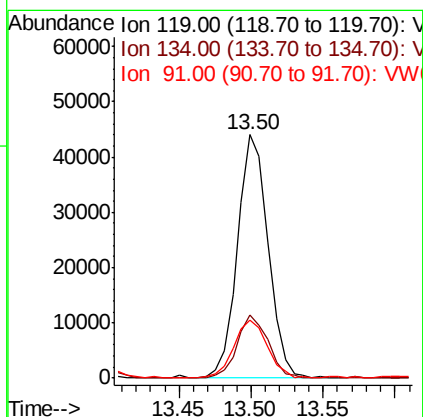
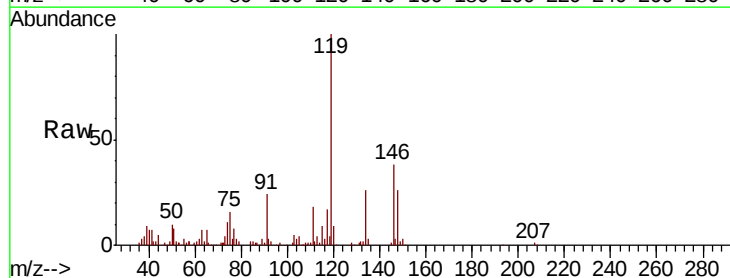
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

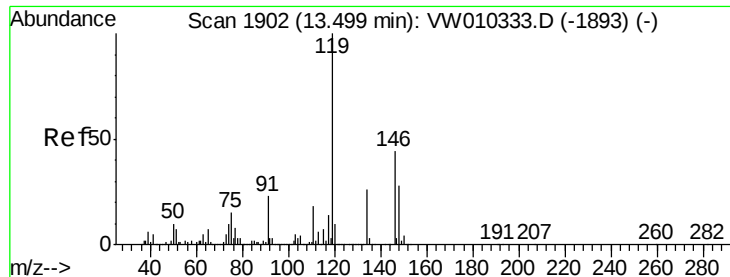
Tgt Ion:105 Resp: 90998
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 54.906 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion:119 Resp: 65233
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 26.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 51.415 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

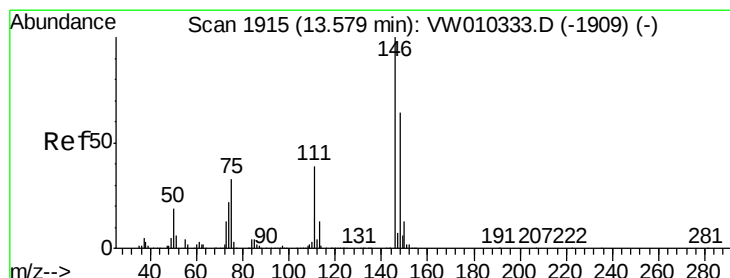
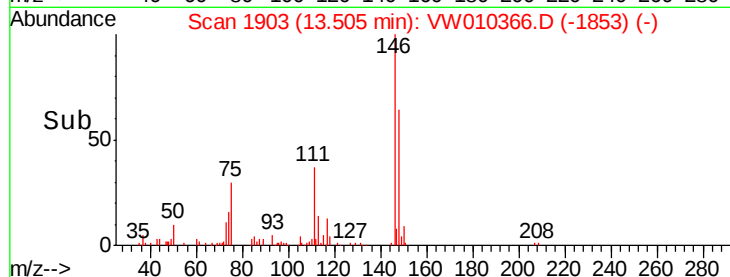
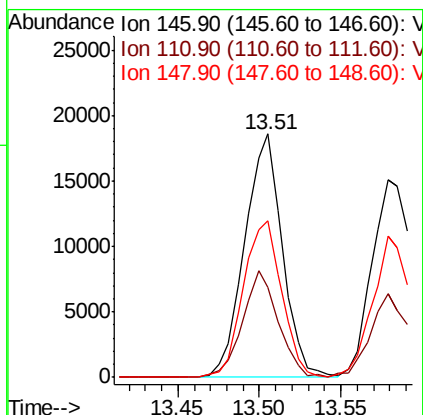
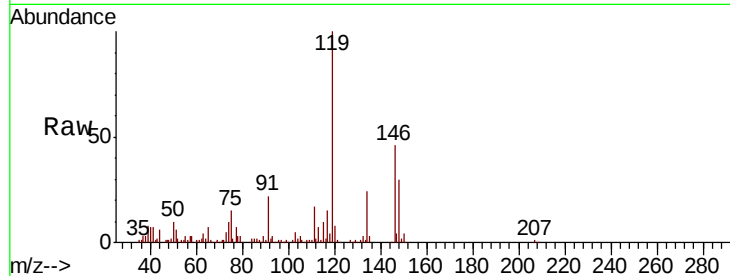
Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tgt Ion:146 Resp: 29883

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	61.0
148	65.3	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 44.462 ug/l

RT: 13.58 min Scan# 1915

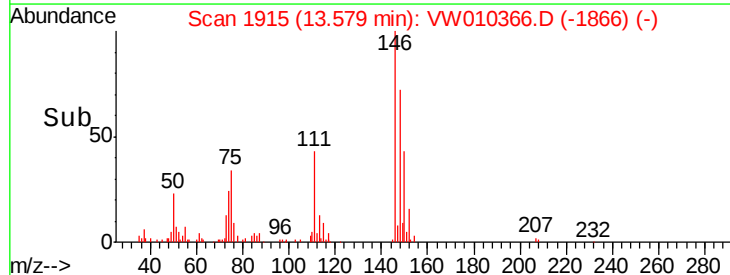
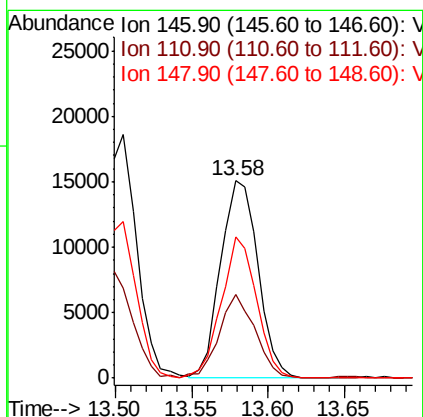
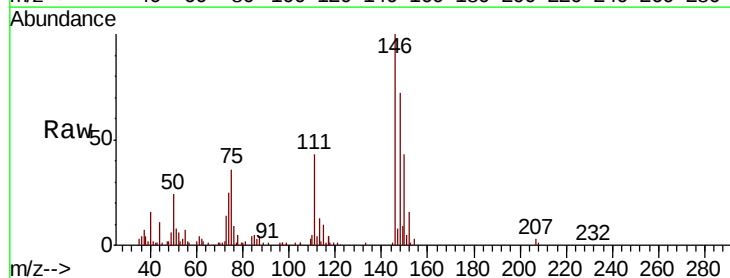
Delta R.T. -0.00 min

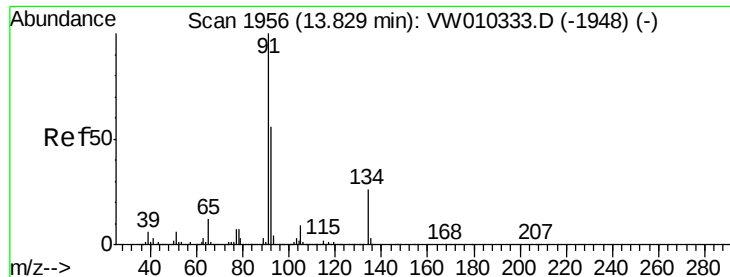
Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:146 Resp: 25645

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	67.2	31.8	95.3





#89

n-Butylbenzene

Concen: 23.558 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

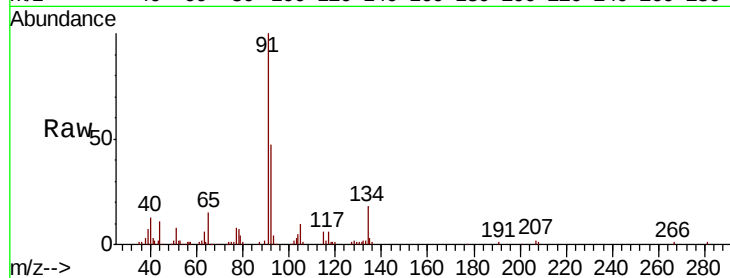
Tgt Ion: 91 Resp: 28064

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.4

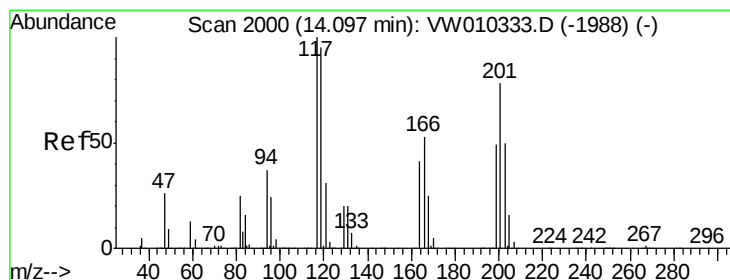
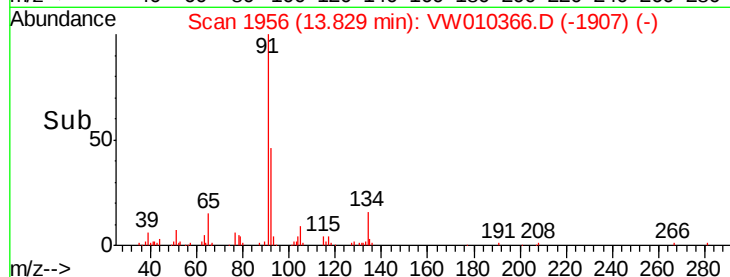
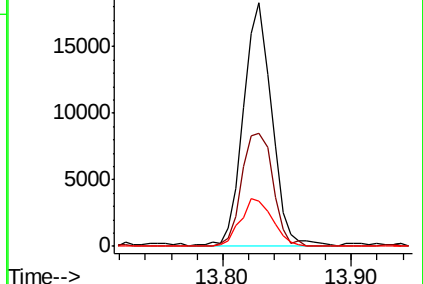
134 21.7 12.4 37.0



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



#90

Hexachloroethane

Concen: 112.928 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010366.D

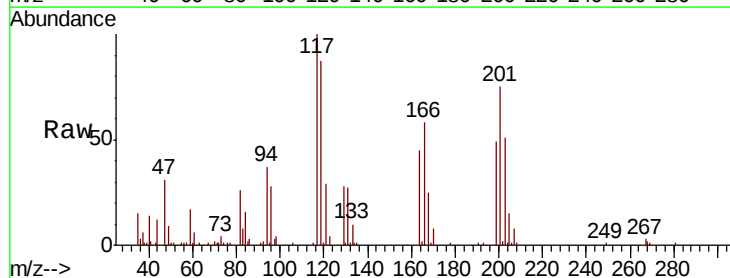
Acq: 10 May 2019 19:56

Tgt Ion: 117 Resp: 24885

Ion Ratio Lower Upper

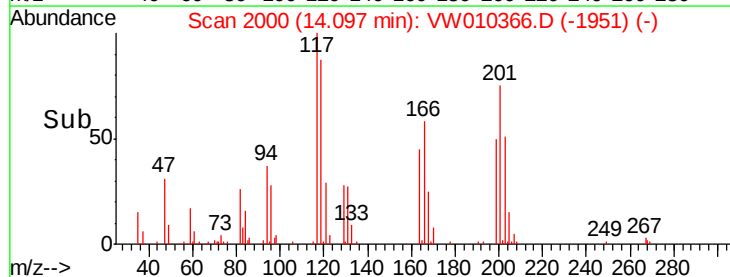
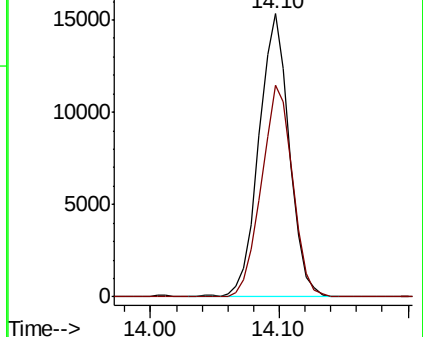
117 100

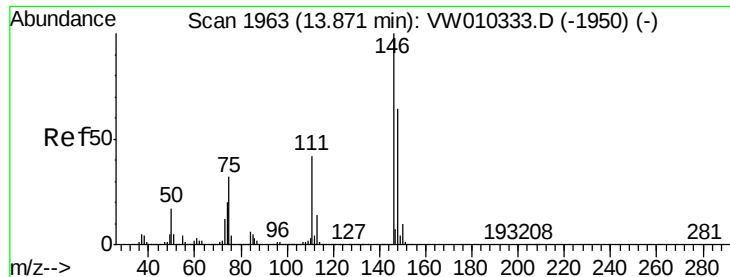
201 77.0 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

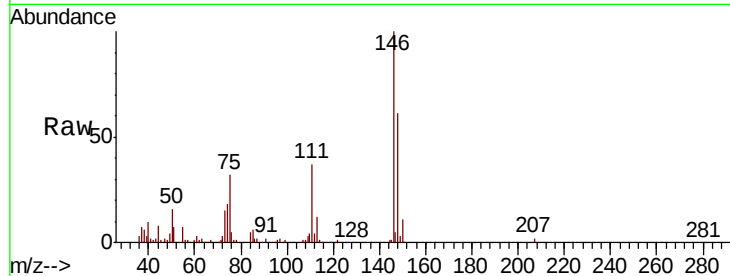




#91
 1,2-Dichlorobenzene
 Concen: 67.299 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.9	62.8
148	63.5	31.9	95.7

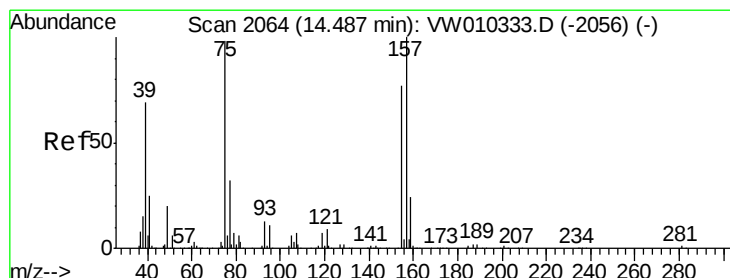
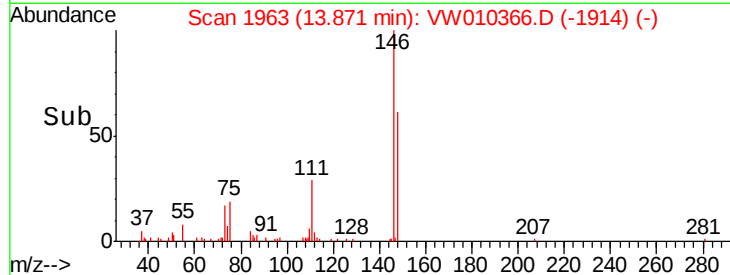
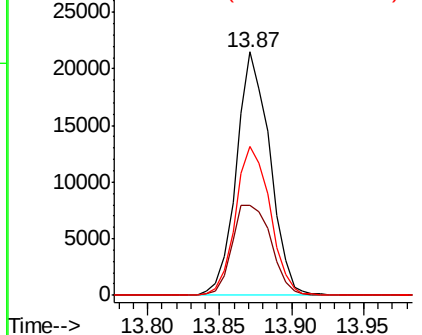


Abundance

Ion 145.90 (145.60 to 146.60): V

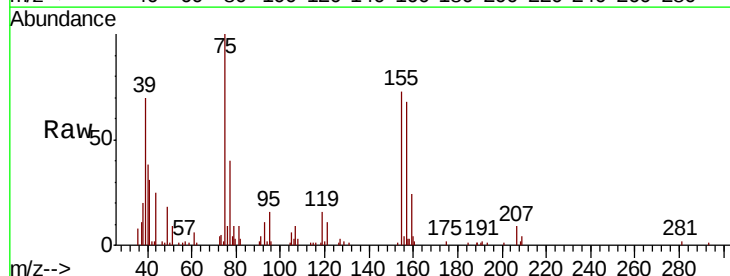
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 216.222 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.7	37.1	111.5
157	88.6	47.3	141.9

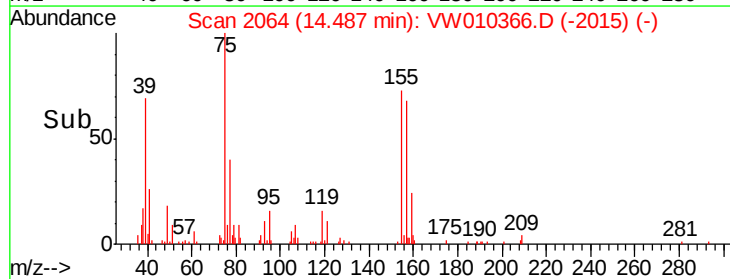
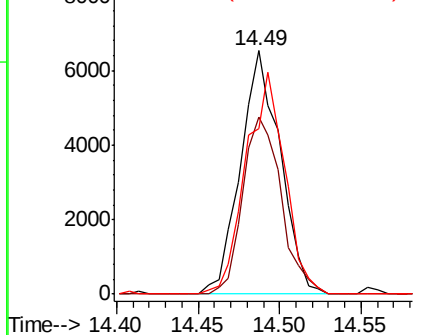


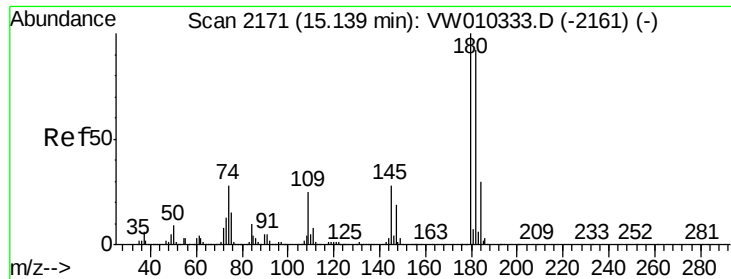
Abundance

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

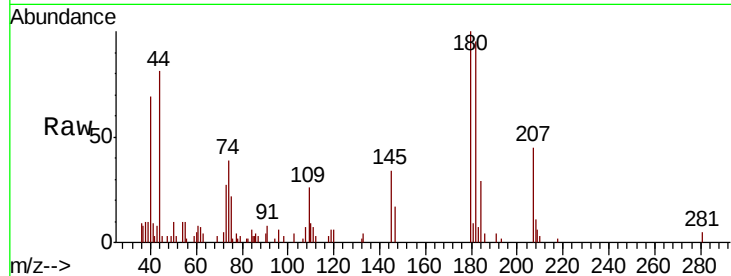




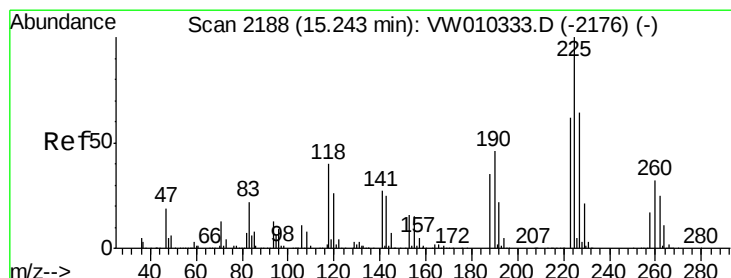
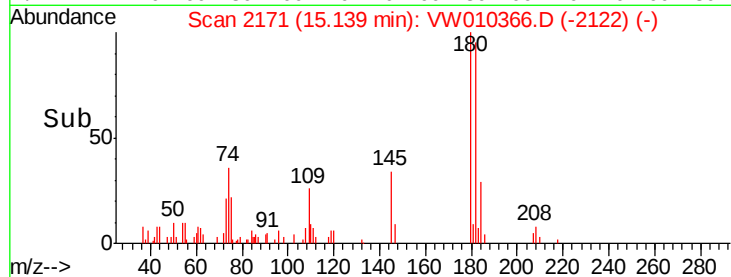
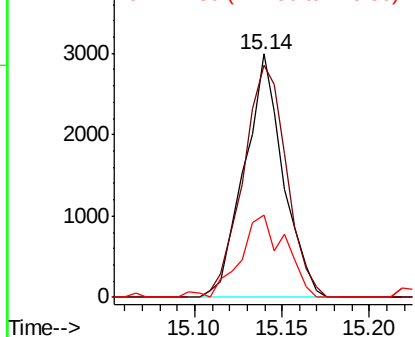
#93
 1,2,4-Trichlorobenzene
 Concen: 13.169 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tgt Ion:180 Resp: 4624
 Ion Ratio Lower Upper
 180 100
 182 106.8 47.1 141.4
 145 39.6 15.2 45.6

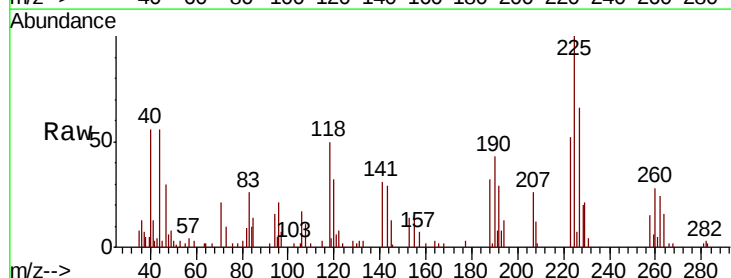


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

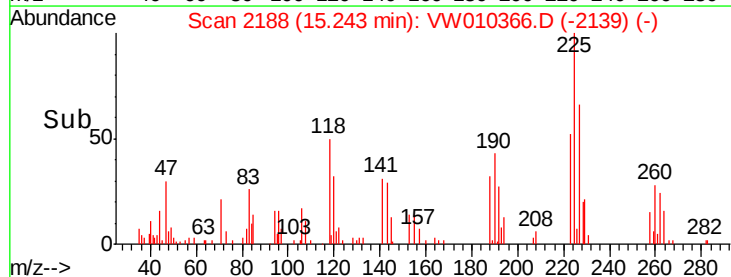
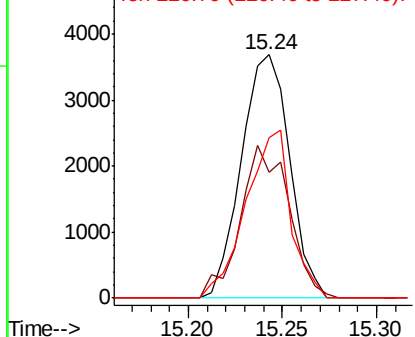


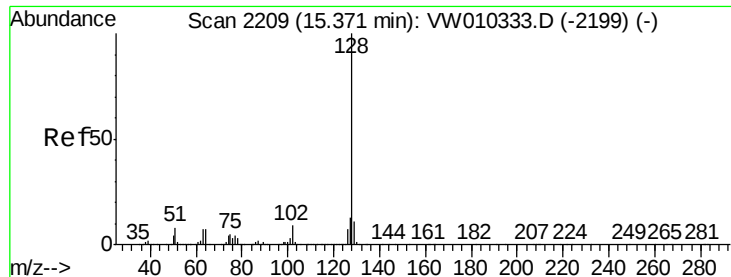
#94
 Hexachlorobutadiene
 Concen: 29.035 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion:225 Resp: 6536
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.5
 227 64.2 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

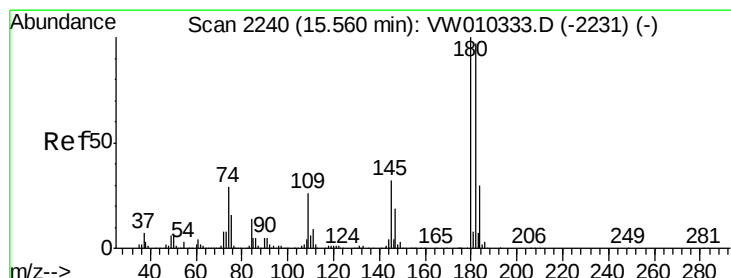
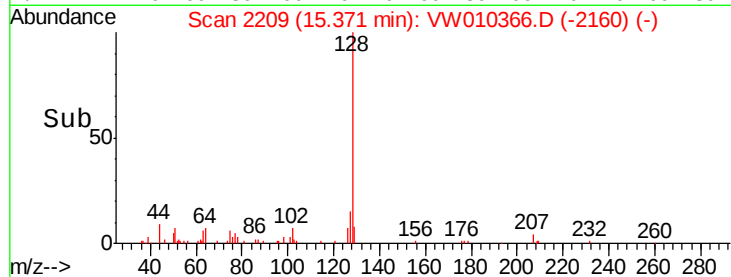
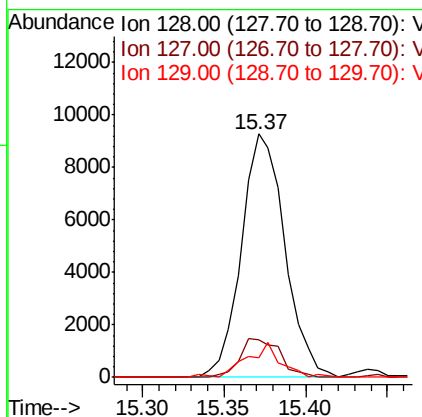
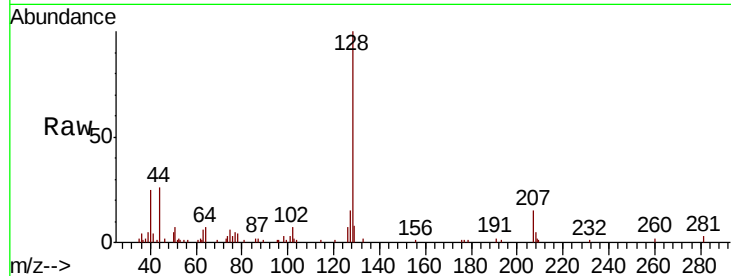




#95
Naphthalene
Concen: 23.489 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tgt Ion:128 Resp: 17195
Ion Ratio Lower Upper
128 100
127 14.4 10.6 15.8
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.185 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:180 Resp: 6403
Ion Ratio Lower Upper
180 100
182 85.5 47.8 143.3
145 28.5 16.4 49.2

