

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005615.D
 Acq On : 25 Sep 2018 17:01
 Operator : VA/AP
 Sample : J5066-05MS
 Misc : 5.13G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Manual Integrations
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 9/26/2018 2:05:05 PM

Quant Time: Sep 26 12:31:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	200701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	344150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121000	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.88	113	104026	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.33	98	409743	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.62	95	414900	142.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53535	43.957	ug/l	98
3) Chloromethane	2.21	50	57031	35.349	ug/l	95
4) Vinyl Chloride	2.37	62	93416	48.440	ug/l	97
5) Bromomethane	2.78	94	59363	45.550	ug/l	99
6) Chloroethane	2.93	64	58132	46.977	ug/l	99
7) Trichlorofluoromethane	3.26	101	71466	47.381	ug/l	97
8) Diethyl Ether	3.68	74	45458	46.137	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79314	41.541	ug/l	99
10) Methyl Iodide	4.27	142	142884	48.662	ug/l	99
11) Tert butyl alcohol	5.24	59	22550	184.091	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	93130	50.950	ug/l	96
13) Acrolein	3.91	56	452	Below Cal		94
14) Allyl chloride	4.67	41	152489	47.802	ug/l	99
15) Acrylonitrile	5.38	53	86214	197.081	ug/l	98
16) Acetone	4.15	43	103240	278.837	ug/l	97
17) Carbon Disulfide	4.38	76	263836	46.197	ug/l	97
18) Methyl Acetate	4.67	43	126326	112.728	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	92790	32.888	ug/l	99
20) Methylene Chloride	4.91	84	105758	53.705	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	97616	48.758	ug/l	98
22) Diisopropyl ether	6.32	45	220060	35.536	ug/l	99
23) Vinyl Acetate	6.26	43	355738m	100.505	ug/l	
24) 1,1-Dichloroethane	6.21	63	179755	46.982	ug/l	99
25) 2-Butanone	7.18	43	108605	189.122	ug/l	94
26) 2,2-Dichloropropane	7.17	77	97907	36.655	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	106915	48.417	ug/l	96
28) Bromochloromethane	7.52	49	65065	42.932	ug/l	95
29) Tetrahydrofuran	7.54	42	72006	200.709	ug/l	97
30) Chloroform	7.68	83	191253	48.418	ug/l	98
31) Cyclohexane	7.96	56	111950	30.541	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	153023	43.853	ug/l	99
36) 1,1-Dichloropropene	8.09	75	141313	45.797	ug/l	100
37) Ethyl Acetate	7.26	43	46259	35.624	ug/l	99
38) Carbon Tetrachloride	8.07	117	147940	44.741	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75520	20.744	ug/l	99
40) Benzene	8.32	78	409155	46.799	ug/l	99
41) Methacrylonitrile	7.49	41	28683	38.817	ug/l	92
42) 1,2-Dichloroethane	8.40	62	132328	47.274	ug/l	100
43) Isopropyl Acetate	8.43	43	100168	39.235	ug/l	95
44) Trichloroethene	9.10	130	103762	46.367	ug/l	94
45) 1,2-Dichloropropane	9.38	63	97631	45.391	ug/l	92
46) Dibromomethane	9.46	93	47555	44.250	ug/l	98
47) Bromodichloromethane	9.65	83	133776	46.338	ug/l	99
48) Methyl methacrylate	9.44	41	56376	46.491	ug/l	97
49) 1,4-Dioxane	9.48	88	12036	704.421	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	285148	221.756	ug/l	100
52) Toluene	10.39	92	252811	46.343	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	139682	48.264	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	157122	48.455	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	84883	55.642	ug/l	97
56) Ethyl methacrylate	10.65	69	101220	53.750	ug/l	97
57) 1,3-Dichloropropane	10.94	76	127550	47.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	204605	239.681	ug/l	96
59) 2-Hexanone	10.98	43	188585m	215.890	ug/l	
60) Dibromochloromethane	11.13	129	90290	48.985	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67397	47.385	ug/l	91
64) Tetrachloroethene	10.87	164	82848	43.045	ug/l	97
65) Chlorobenzene	11.66	112	278391	48.358	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	101654	49.062	ug/l	98
67) Ethyl Benzene	11.74	91	407353	39.865	ug/l	100
68) m/p-Xylenes	11.85	106	263346	68.215	ug/l	98
69) o-Xylene	12.17	106	162616	44.977	ug/l	85
70) Styrene	12.19	104	271449	44.613	ug/l	92
71) Bromoform	12.35	173	51196	46.550	ug/l #	100
73) Isopropylbenzene	12.48	105	274248	11.491	ug/l	99
74) N-amyl acetate	12.27	43	5253987	972.211	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.71	83	621393	156.752	ug/l #	31
76) 1,2,3-Trichloropropane	12.77	75	59665m	20.338	ug/l	
77) Bromobenzene	12.76	156	114771	20.518	ug/l	85
78) n-propylbenzene	12.81	91	335835	11.623	ug/l	85
79) 2-Chlorotoluene	12.90	91	401378	24.010	ug/l	89
80) 1,3,5-Trimethylbenzene	12.96	105	360299	17.362	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	25063	19.242	ug/l #	1
82) 4-Chlorotoluene	13.00	91	352063m	19.933	ug/l	
83) tert-Butylbenzene	13.22	119	917938	52.650	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	216469	10.337	ug/l	93
85) sec-Butylbenzene	13.40	105	169523	6.704	ug/l	99
86) p-Isopropyltoluene	13.51	119	398865	17.599	ug/l	93
87) 1,3-Dichlorobenzene	13.51	146	174692	15.273	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	181132	15.923	ug/l #	1
89) n-Butylbenzene	13.83	91	134059m	6.271	ug/l	
90) Hexachloroethane	14.12	117	1073544	261.340	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	163664	16.209	ug/l #	73
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34253	45.352	ug/l #	42

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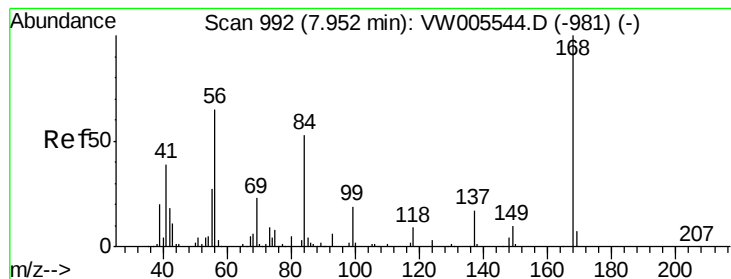
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81195	11.273	ug/l #	1
94) Hexachlorobutadiene	15.25	225	20265	4.343	ug/l	98
95) Naphthalene	15.38	128	109877	9.069	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.57	180	73217	11.535	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion:168 Resp: 200701

Ion Ratio Lower Upper

168 100

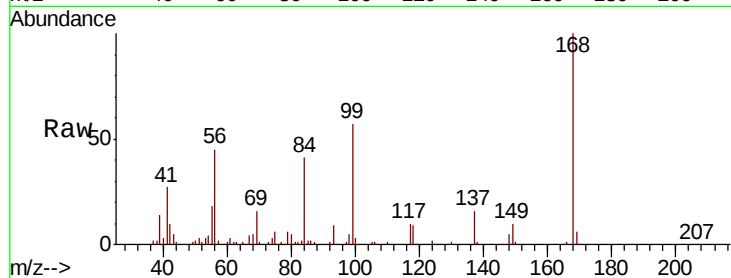
99 56.6 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

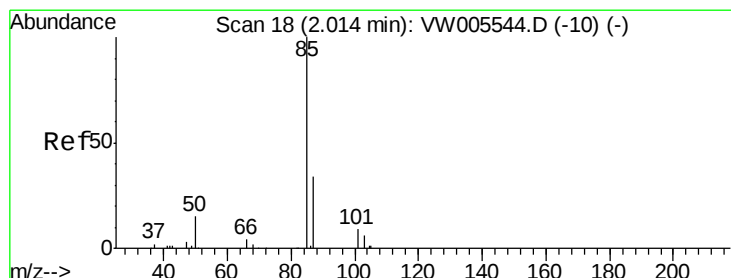
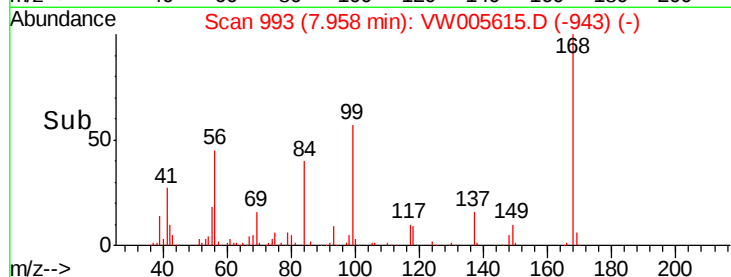
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.957 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005615.D

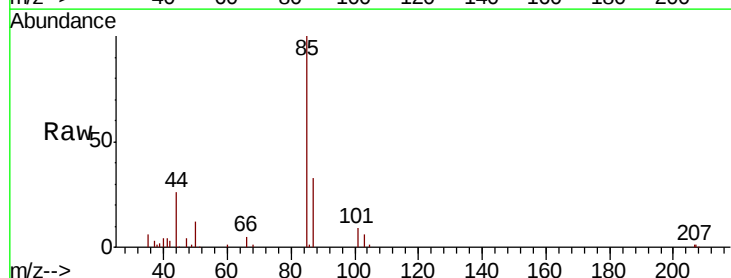
Acq: 25 Sep 2018 17:01

Tgt Ion: 85 Resp: 53535

Ion Ratio Lower Upper

85 100

87 32.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

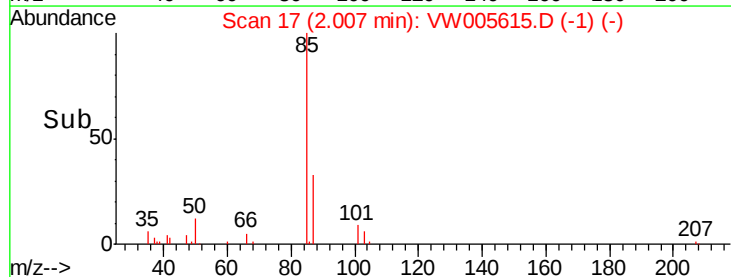
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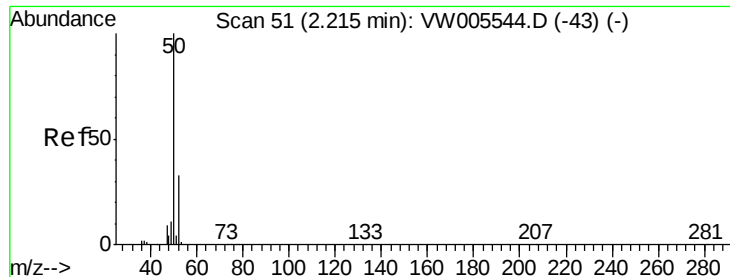
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 35.349 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 50 Resp: 57031

Ion Ratio Lower Upper

50 100

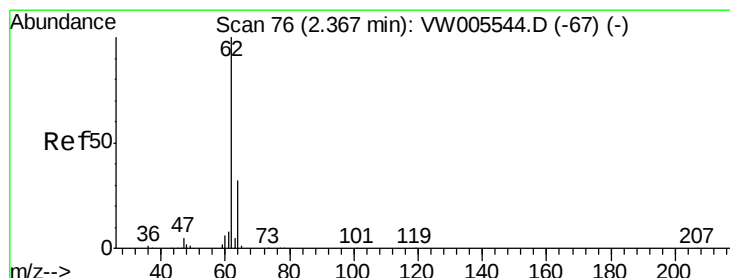
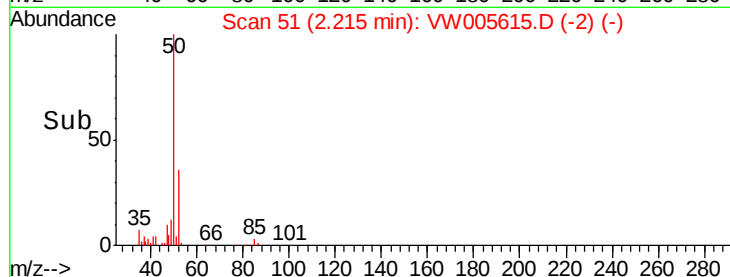
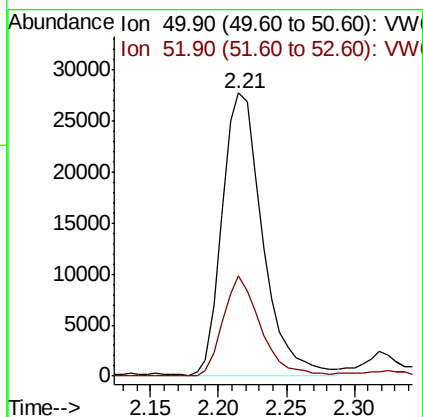
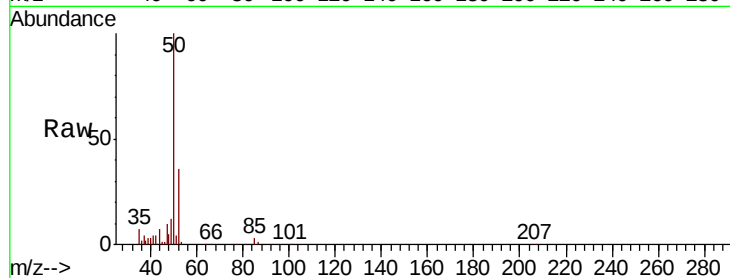
52 35.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.440 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005615.D

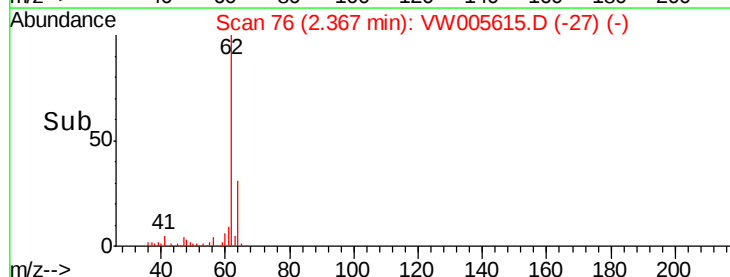
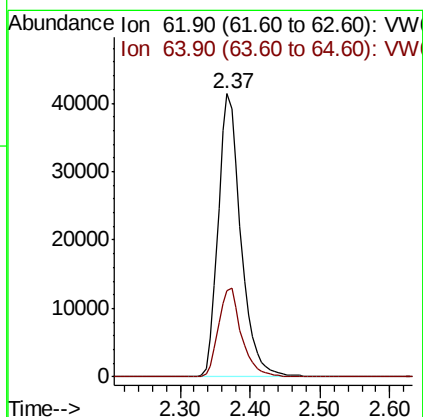
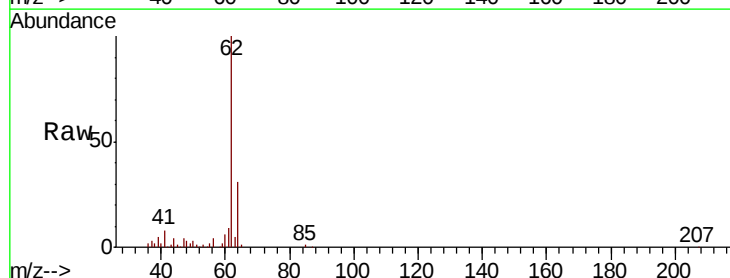
Acq: 25 Sep 2018 17:01

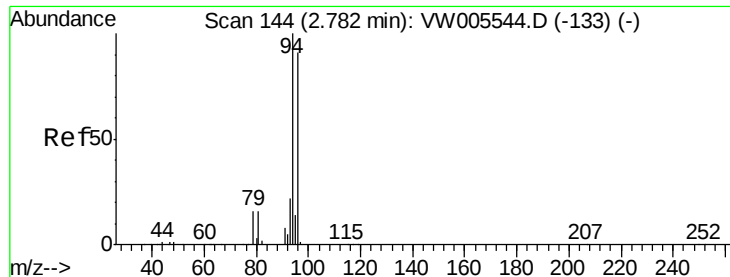
Tgt Ion: 62 Resp: 93416

Ion Ratio Lower Upper

62 100

64 30.6 25.7 38.5





#5

Bromomethane

Concen: 45.550 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

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Tot Ion: 94 Resp: 59363

Ion Ratio Lower Upper

94 100

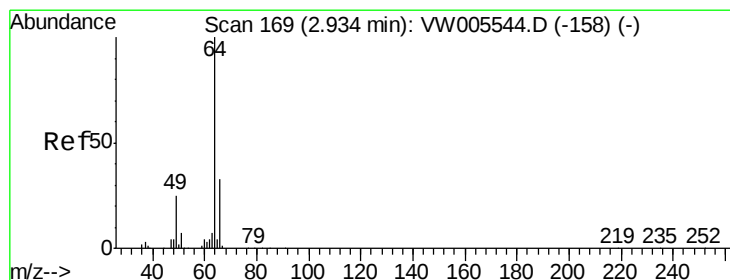
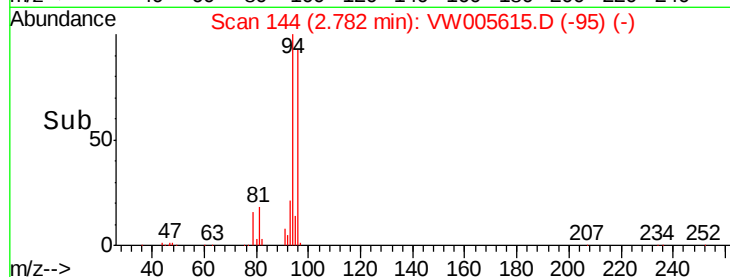
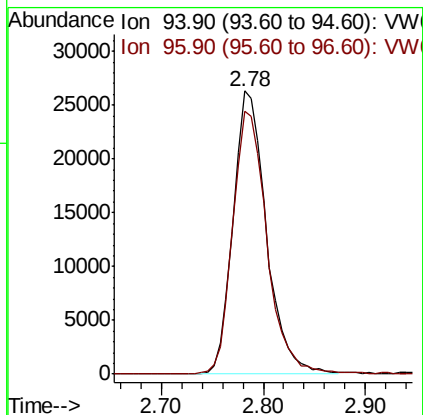
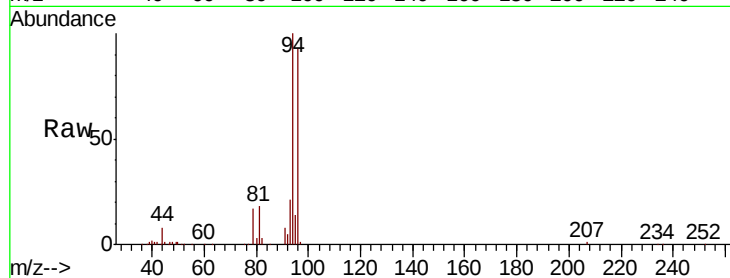
96 92.7 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 46.977 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005615.D

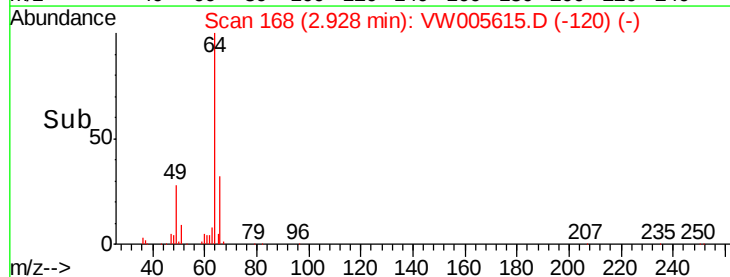
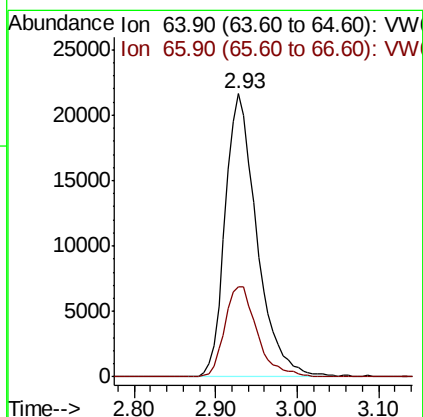
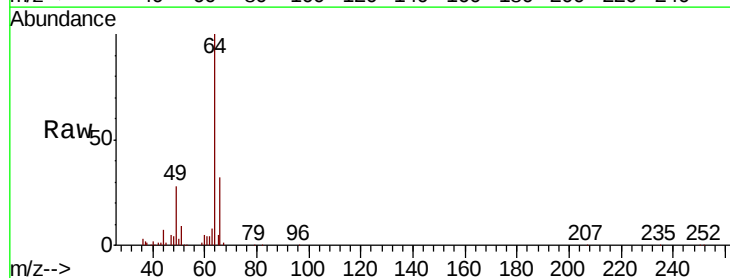
Acq: 25 Sep 2018 17:01

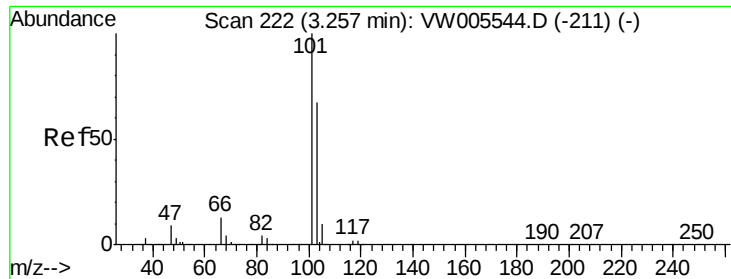
Tgt Ion: 64 Resp: 58132

Ion Ratio Lower Upper

64 100

66 31.9 26.0 39.0





#7

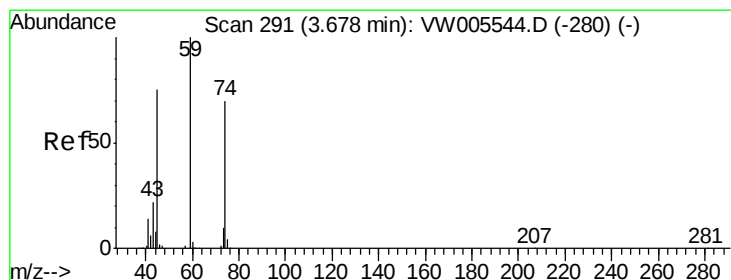
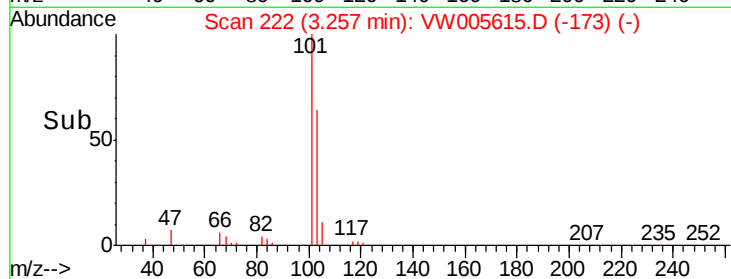
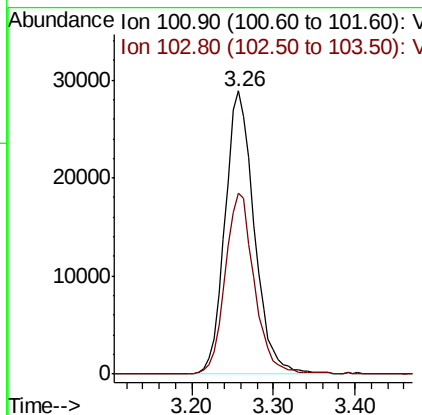
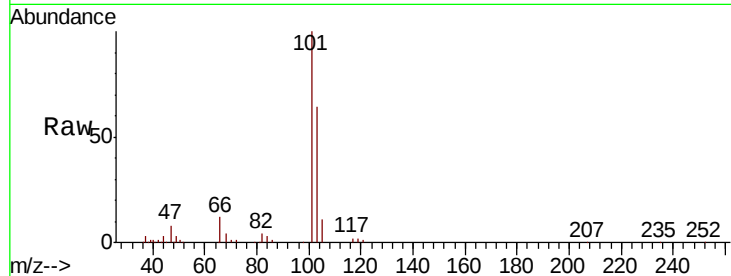
Trichlorofluoromethane
 Concen: 47.381 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005615.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.2	79.8

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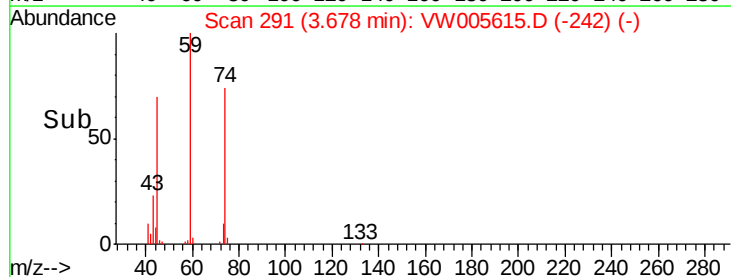
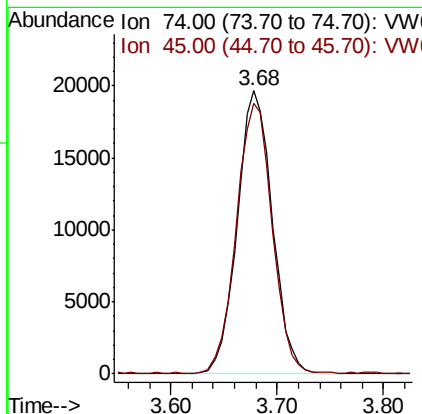
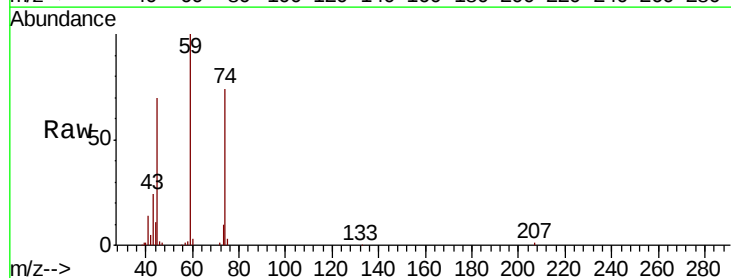
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 9/26/2018 2:05:05 PM

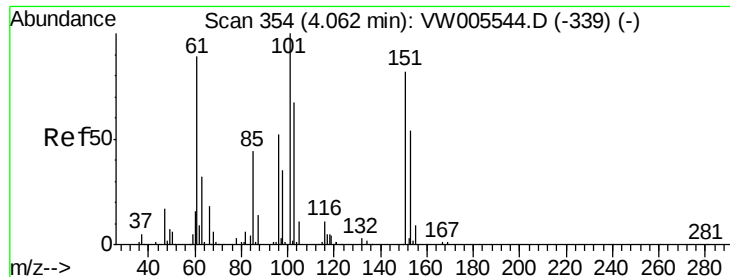


#8

Diethyl Ether
 Concen: 46.137 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.541 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

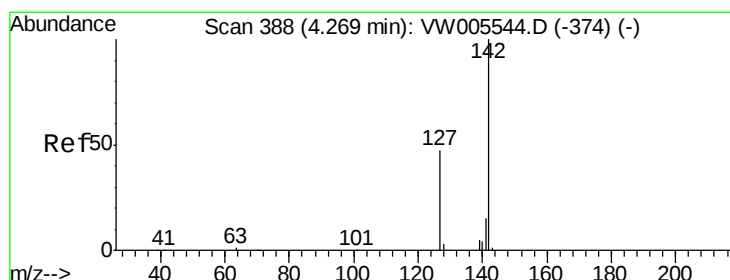
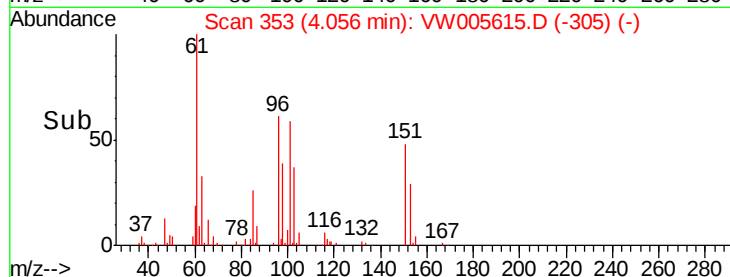
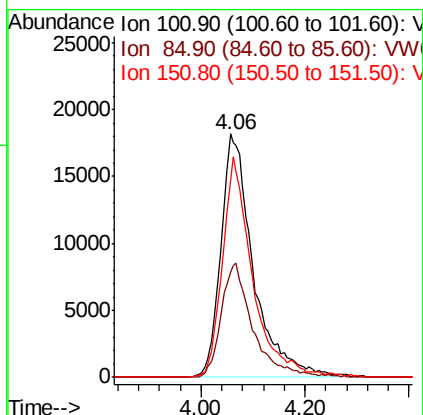
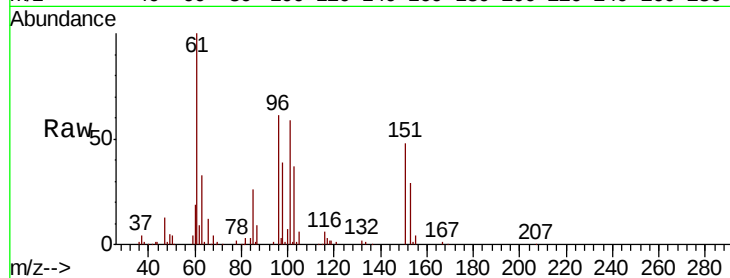
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	101	Resp:	79314
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.4	54.6
151	83.8	65.8	98.6

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#10

Methyl Iodide

Concen: 48.662 ug/l

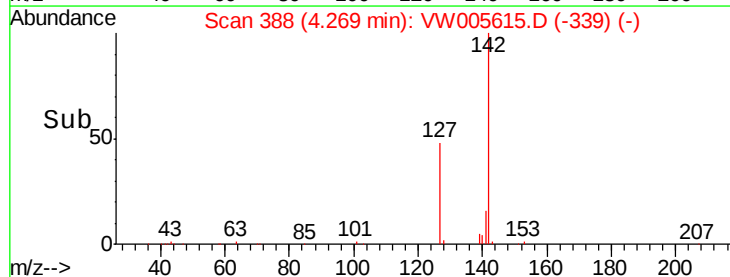
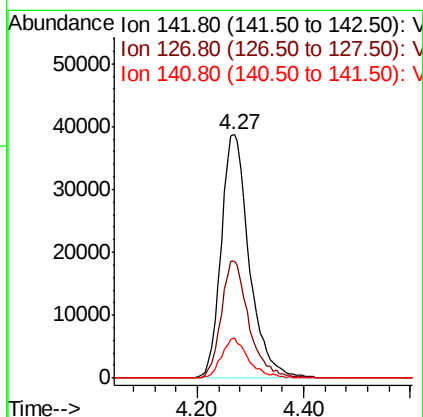
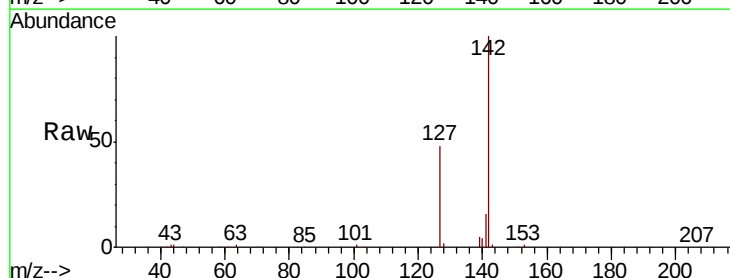
RT: 4.27 min Scan# 388

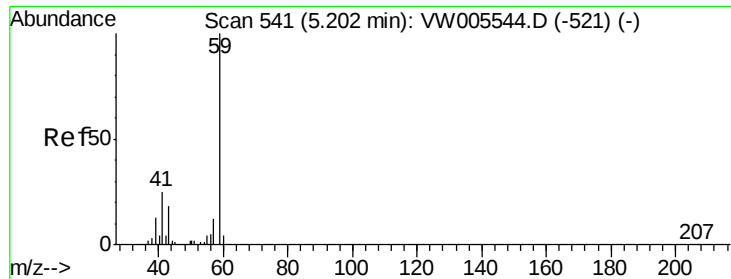
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	142	Resp:	142884
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.4	56.0
141	15.8	11.9	17.9





#11

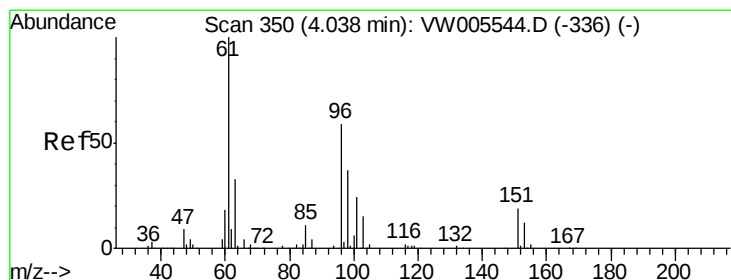
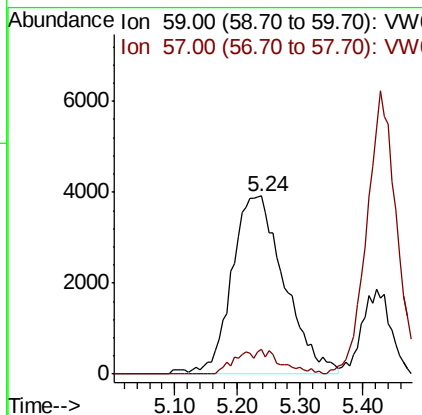
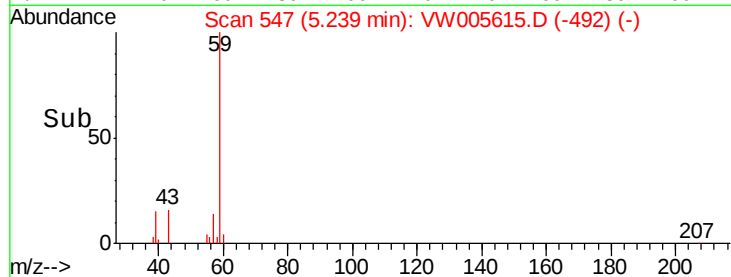
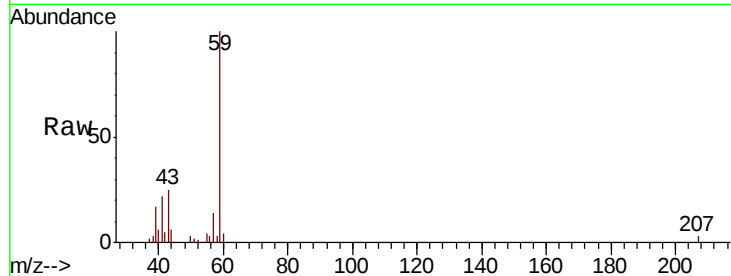
Tert butyl alcohol
Concen: 184.091 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.04 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

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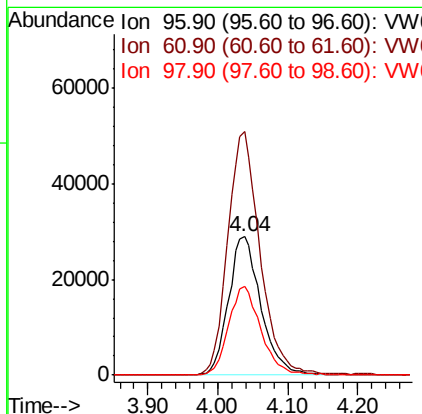
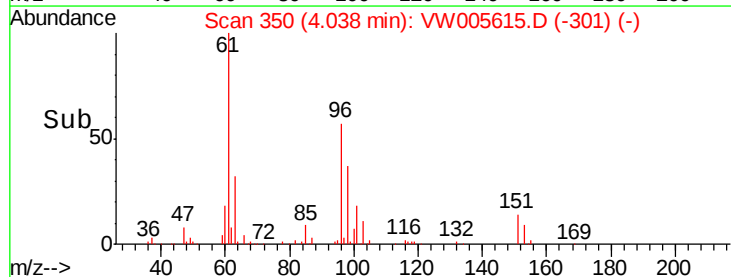
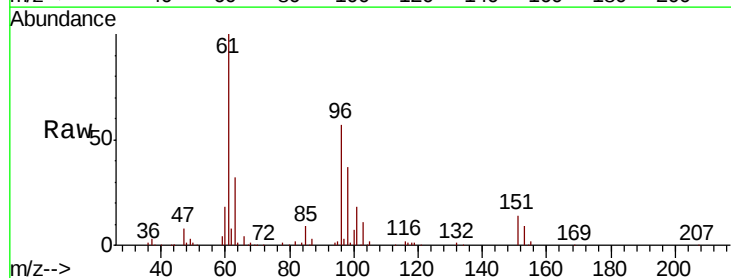
apatel
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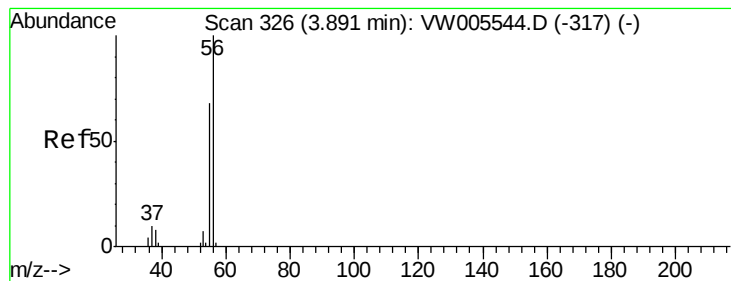


#12

1,1-Dichloroethene
Concen: 50.950 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	135.0	202.6
98	64.2	50.6	76.0





#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 56 Resp: 452

Ion Ratio Lower Upper

56 100

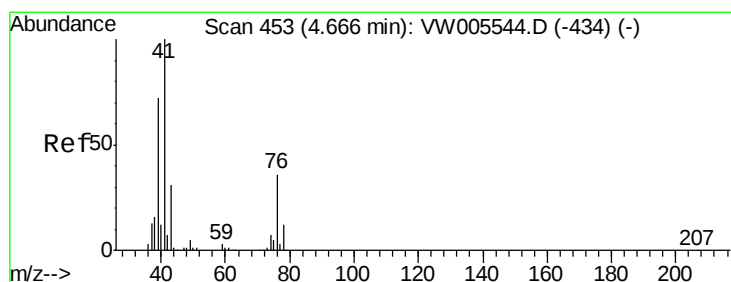
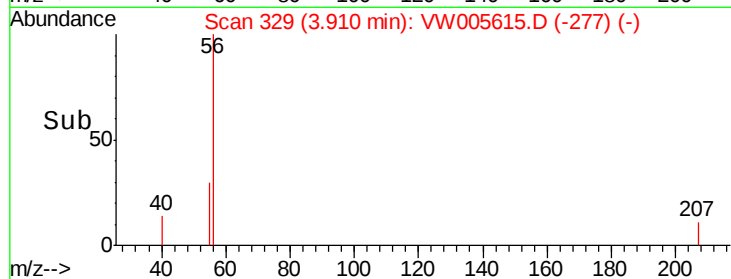
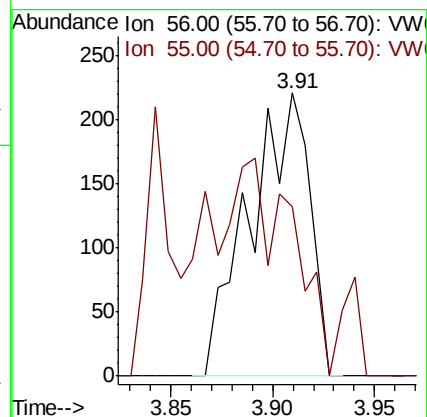
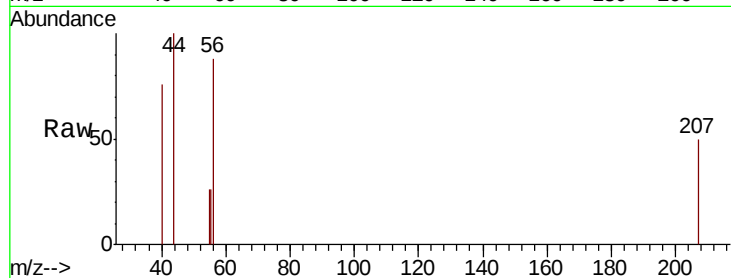
55 77.4 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.802 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

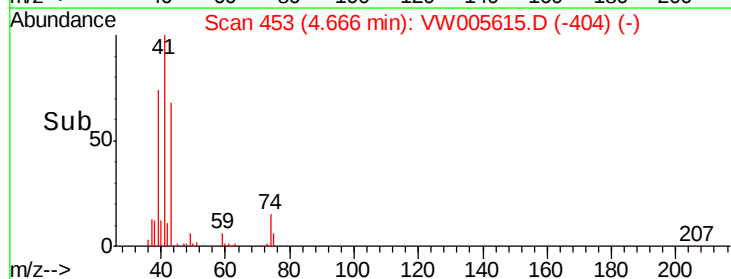
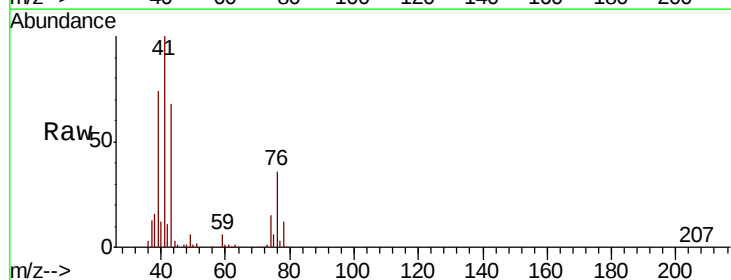
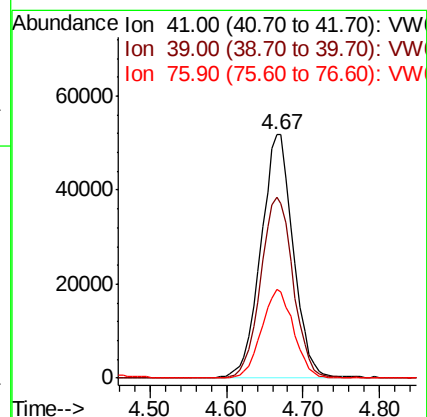
Tgt Ion: 41 Resp: 152489

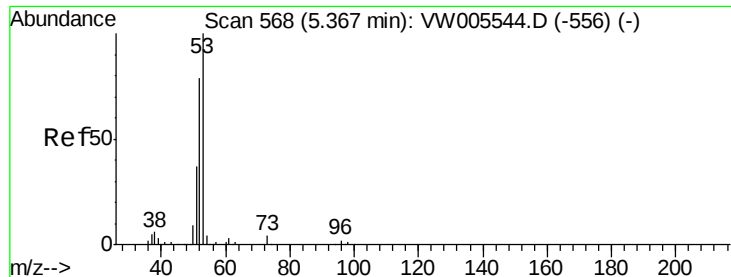
Ion Ratio Lower Upper

41 100

39 75.0 59.6 89.4

76 36.2 27.7 41.5





#15

Acrylonitrile

Concen: 197.081 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

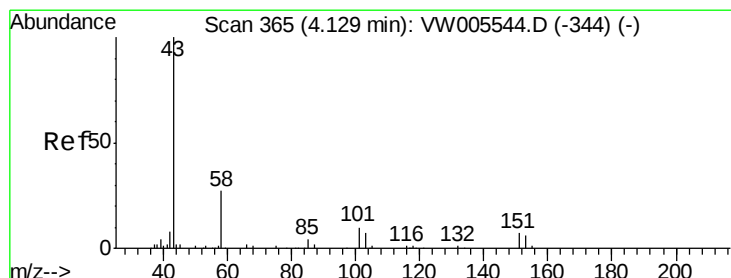
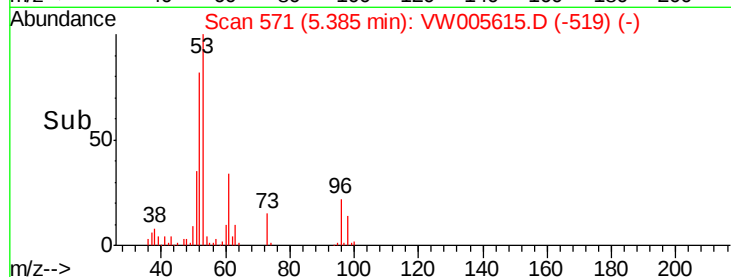
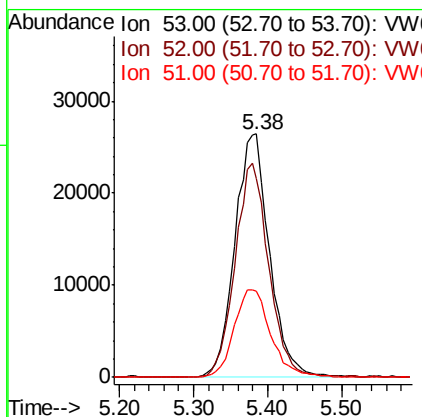
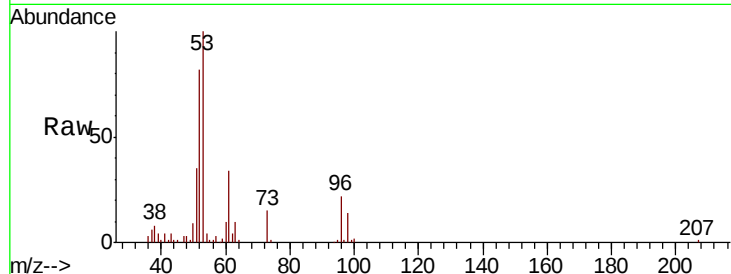
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	53	Resp:	86214
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.5	99.7
51	38.3	30.6	46.0

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#16

Acetone

Concen: 278.837 ug/l

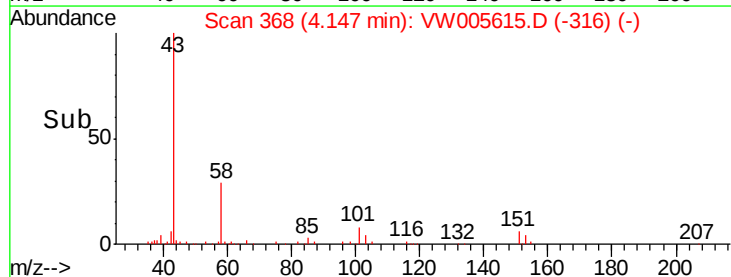
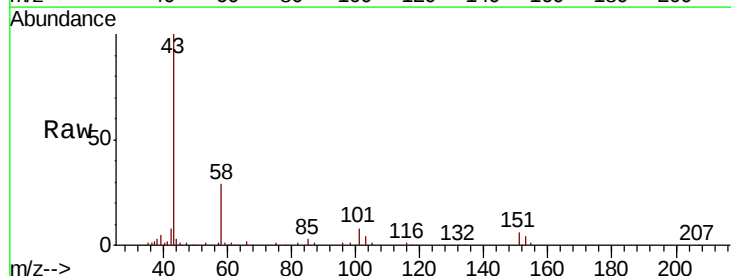
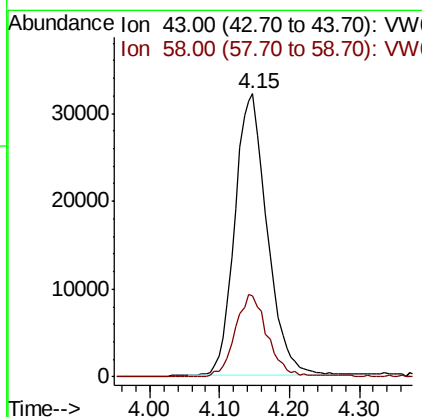
RT: 4.15 min Scan# 368

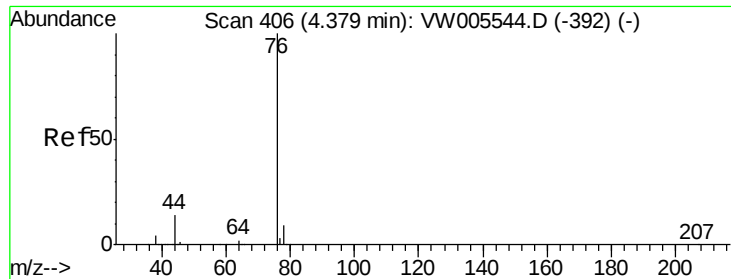
Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	43	Resp:	103240
Ion	Ratio	Lower	Upper
43	100		
58	28.8	21.8	32.8





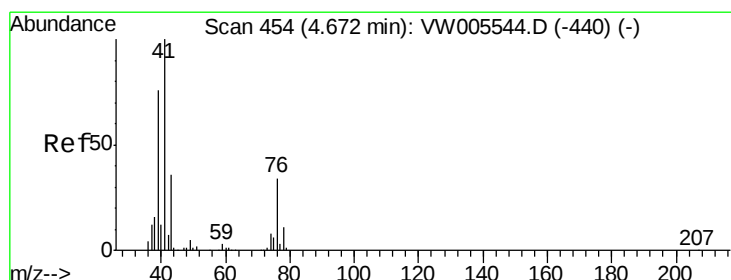
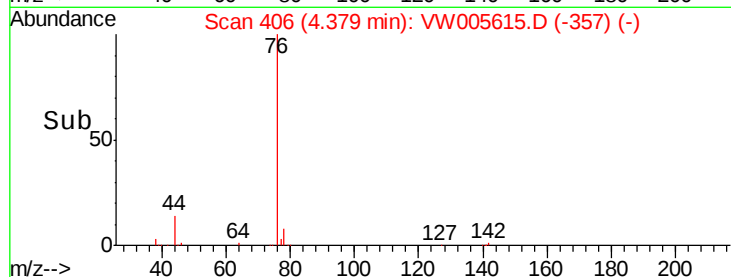
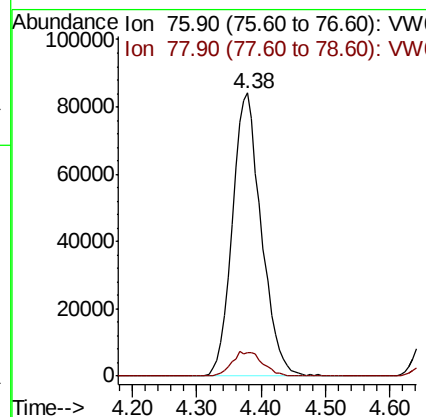
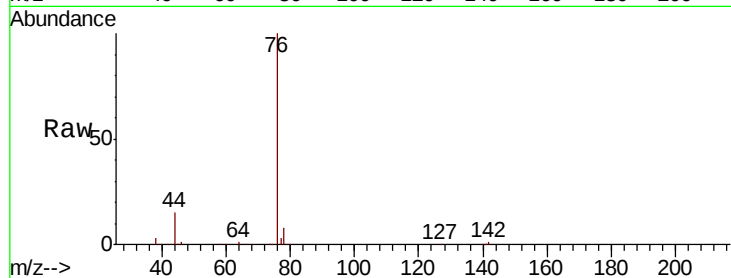
#17
Carbon Disulfide
Concen: 46.197 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0

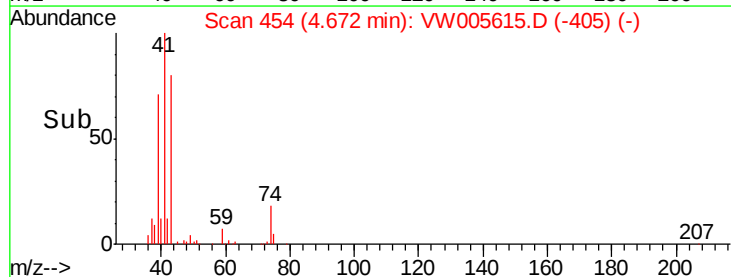
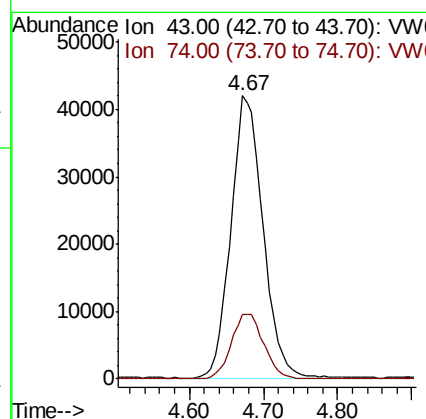
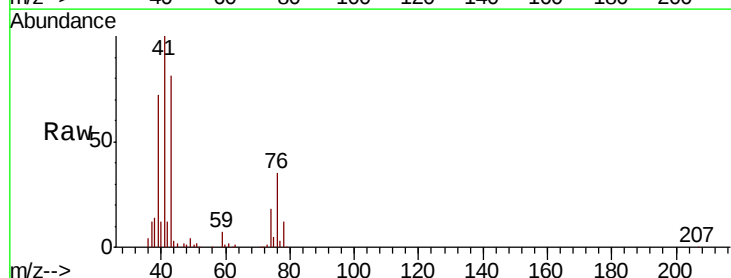
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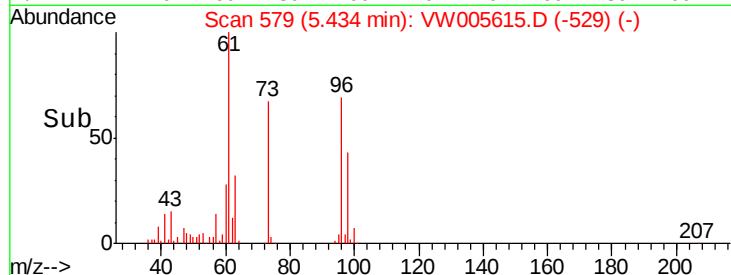
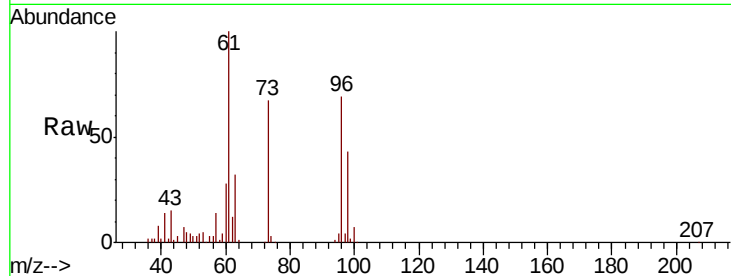
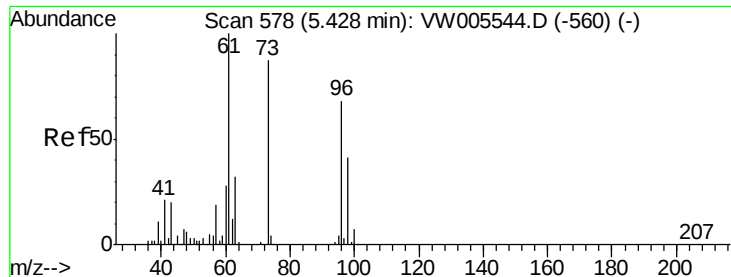
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#18
Methyl Acetate
Concen: 112.728 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.2	28.8





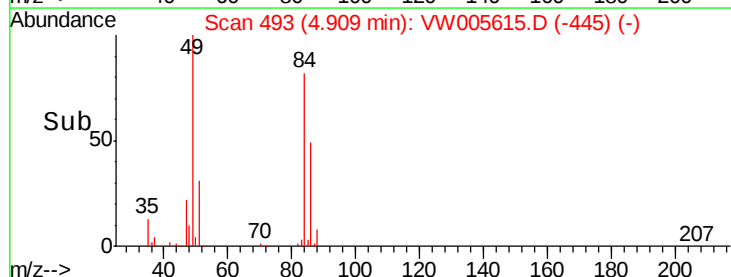
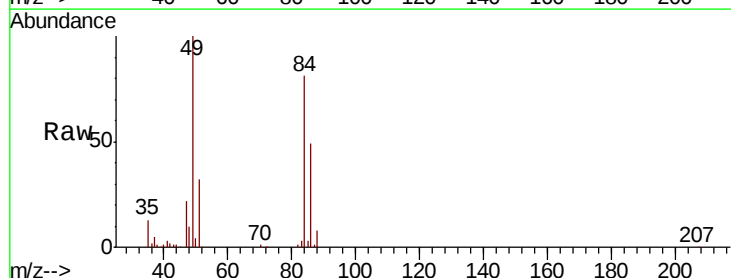
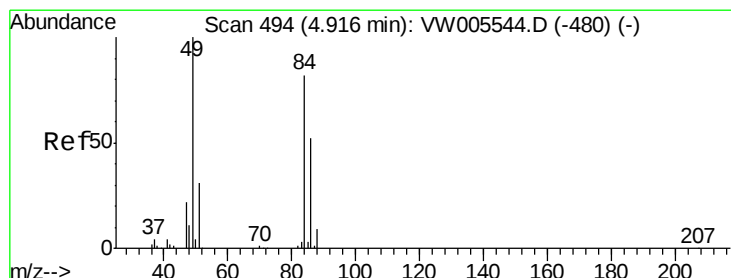
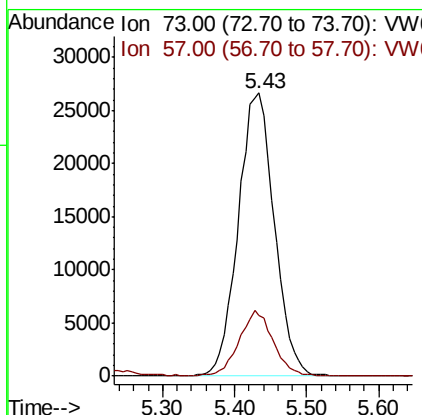
#19
Methyl tert-butyl Ether
Concen: 32.888 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

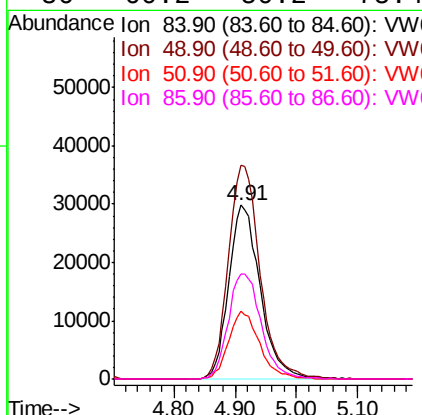
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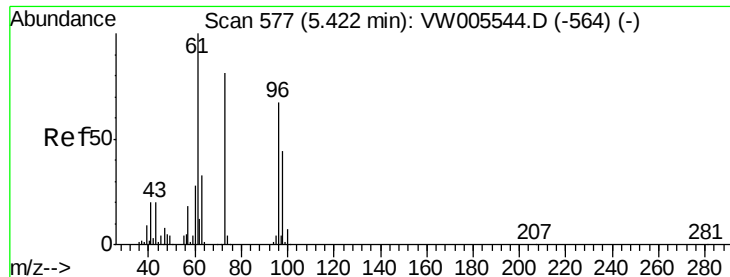
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#20
Methylene Chloride
Concen: 53.705 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	97.0	145.6
51	38.9	30.2	45.2
86	60.2	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 48.758 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

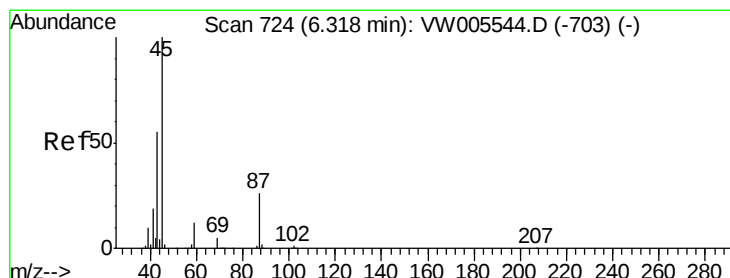
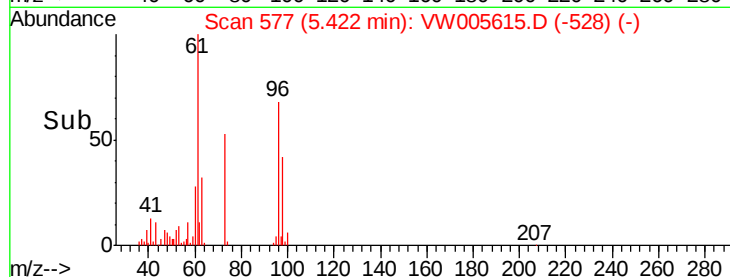
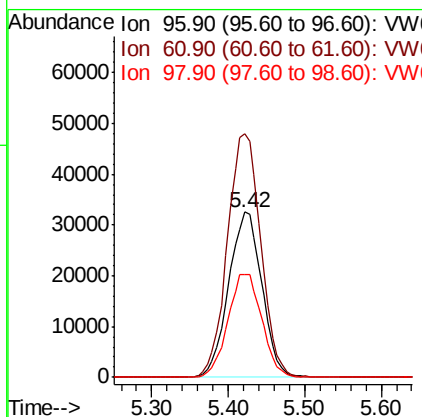
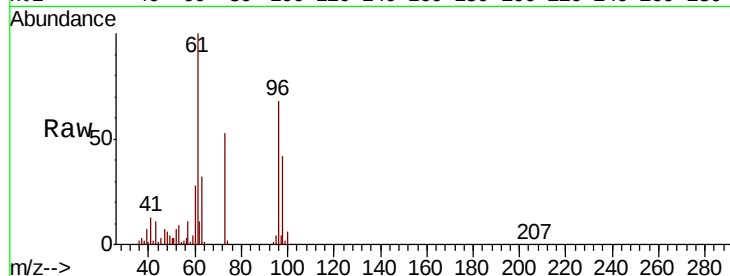
EP1-Q1-G3MS

Tot Ion:	96	Resp:	97616
Ion	Ratio	Lower	Upper
96	100		
61	147.3	118.9	178.3
98	62.5	52.1	78.1

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#22

Diisopropyl ether

Concen: 35.536 ug/l

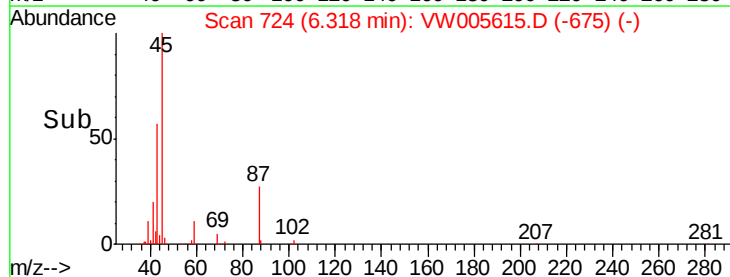
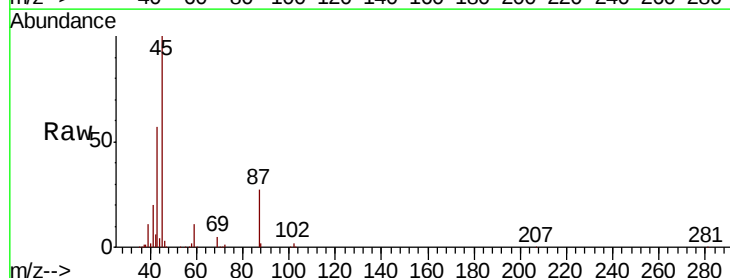
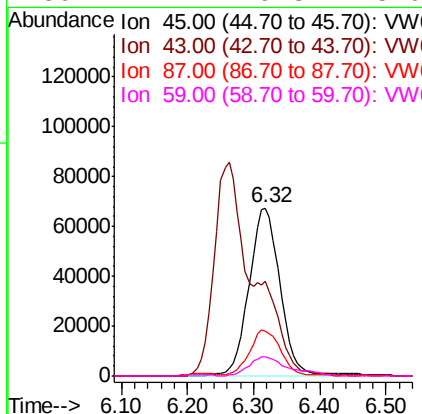
RT: 6.32 min Scan# 724

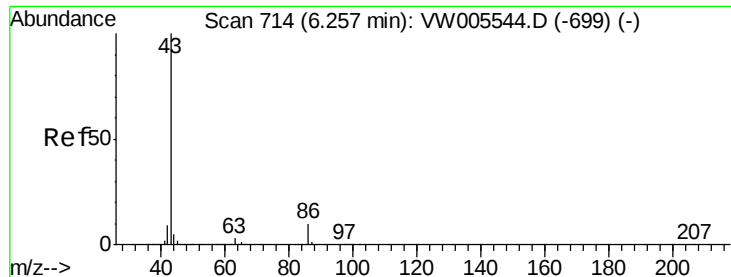
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	45	Resp:	220060
Ion	Ratio	Lower	Upper
45	100		
43	56.1	44.2	66.4
87	26.6	21.4	32.2
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 100.505 ug/l m

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 43 Resp: 355738

Ion Ratio Lower Upper

43 100

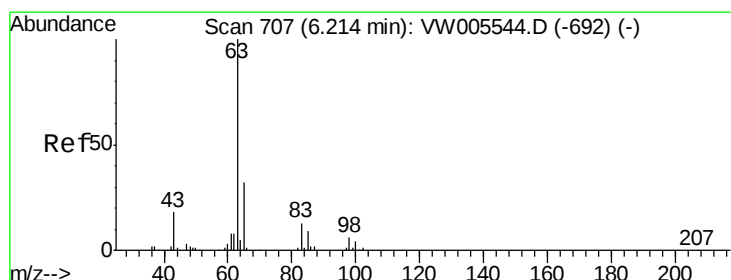
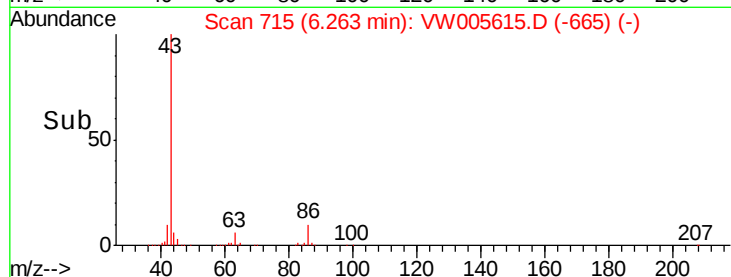
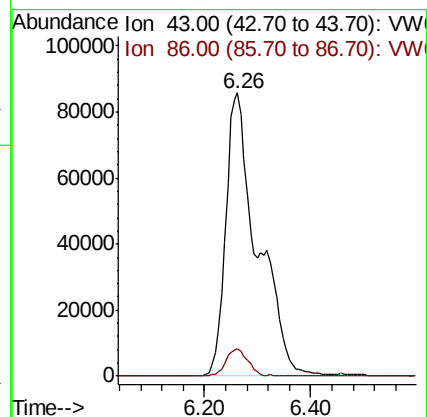
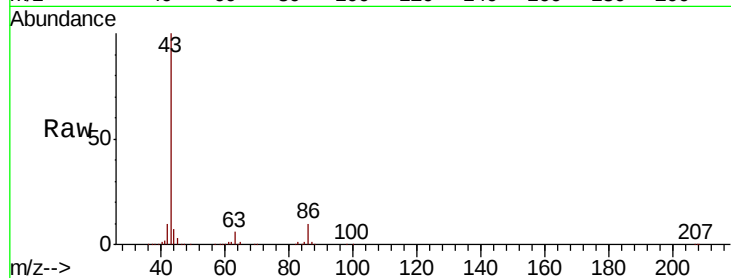
86 9.6 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 46.982 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

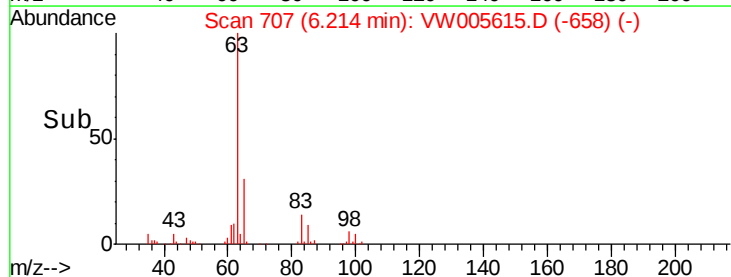
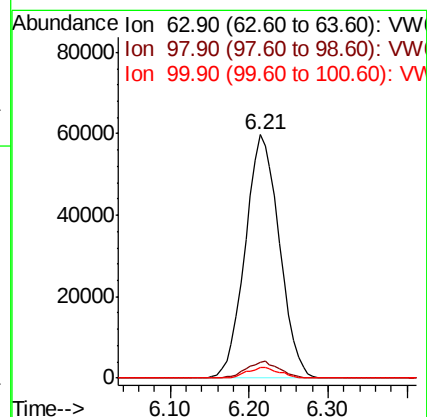
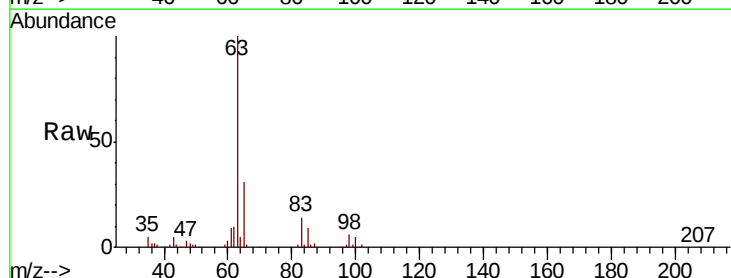
Tgt Ion: 63 Resp: 179755

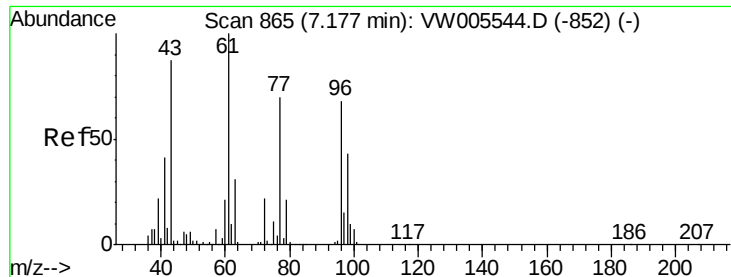
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 189.122 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 43 Resp: 108605

Ion Ratio Lower Upper

43 100

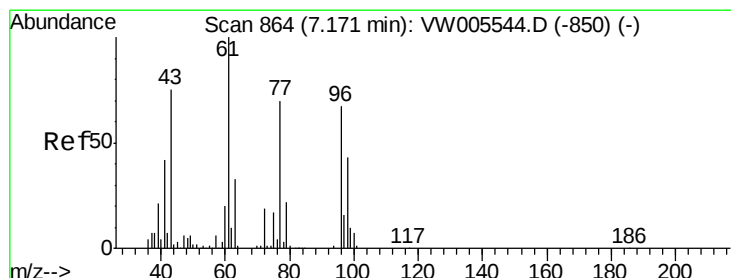
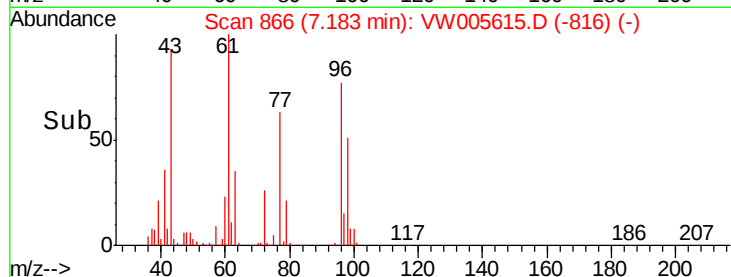
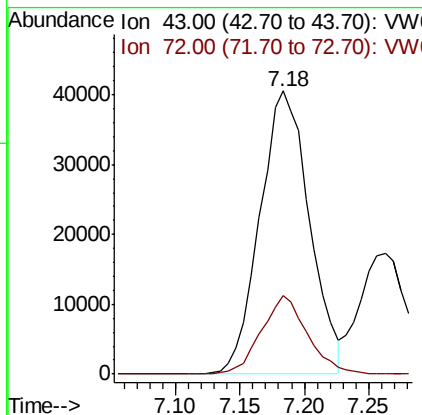
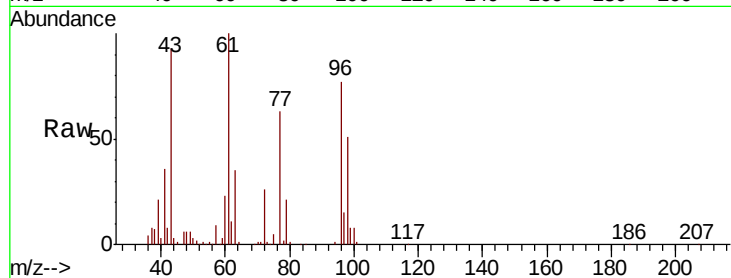
72 27.8 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.655 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005615.D

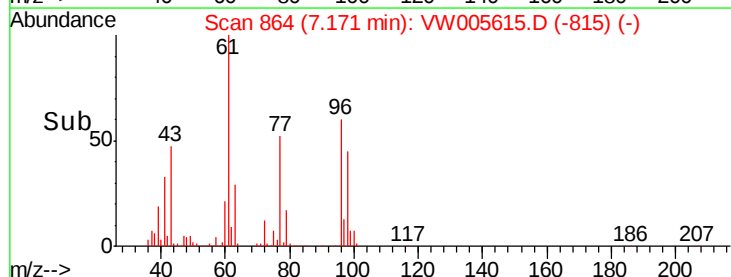
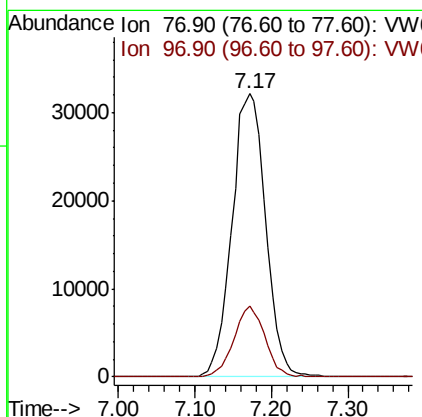
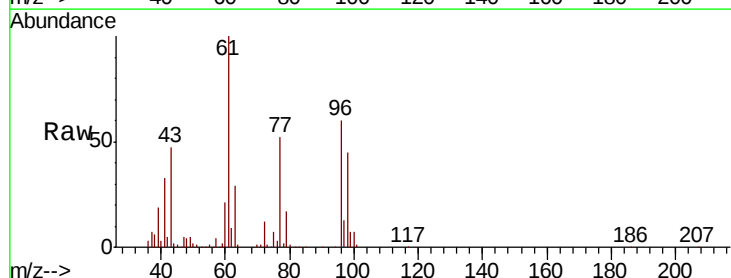
Acq: 25 Sep 2018 17:01

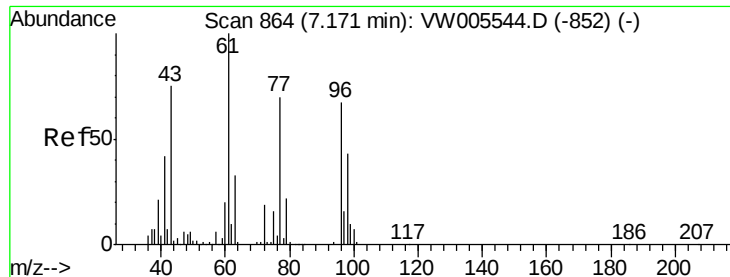
Tgt Ion: 77 Resp: 97907

Ion Ratio Lower Upper

77 100

97 23.1 11.0 33.0





#27

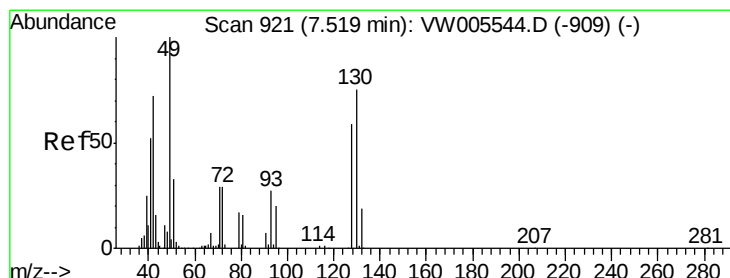
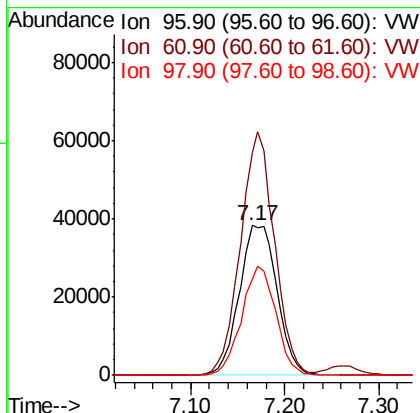
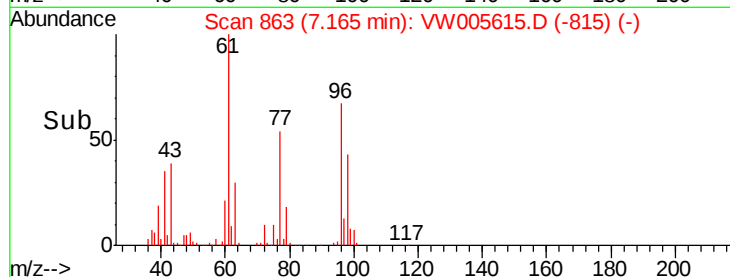
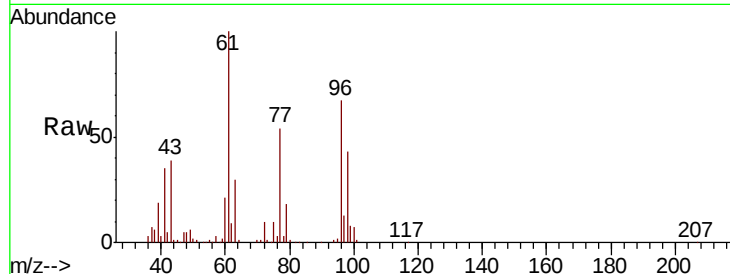
cis-1,2-Dichloroethene
Concen: 48.417 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	146.8	0.0	303.4
98	66.1	0.0	127.2

Manual Integrations
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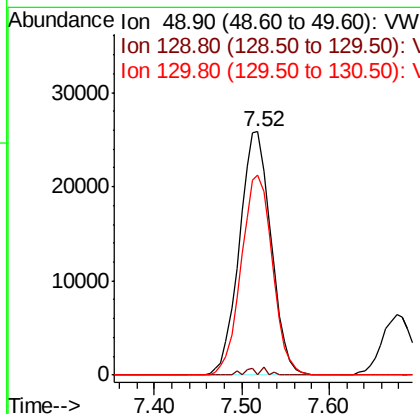
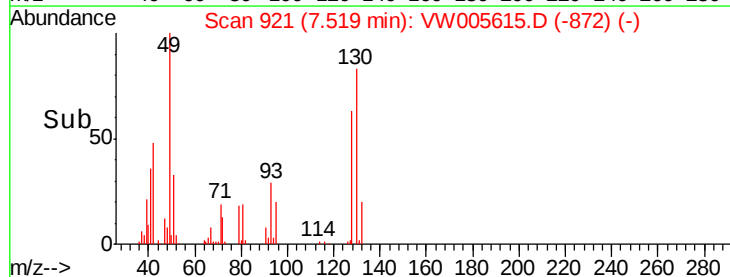
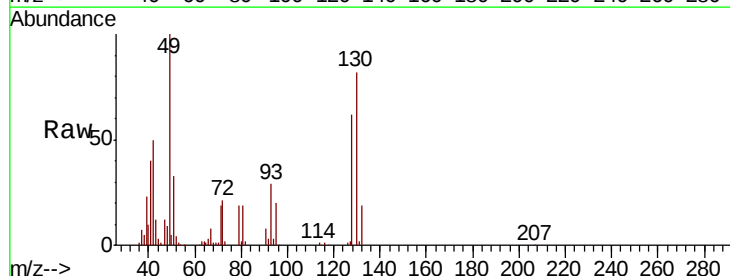
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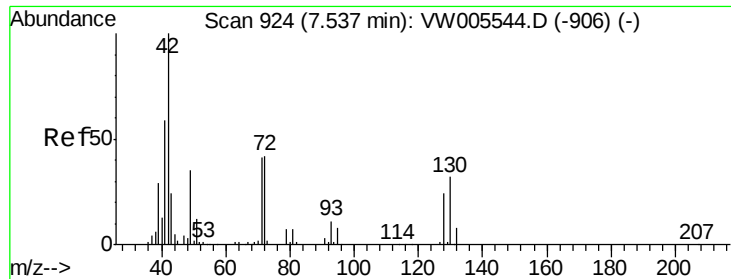


#28

Bromochloromethane
Concen: 42.932 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.0	0.0	1.4
130	81.1	61.3	91.9





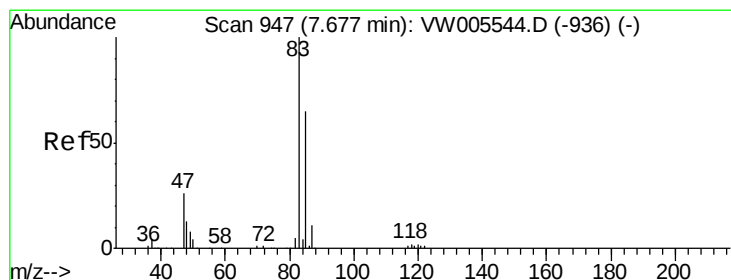
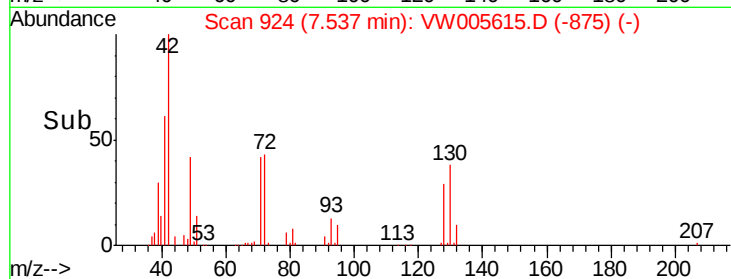
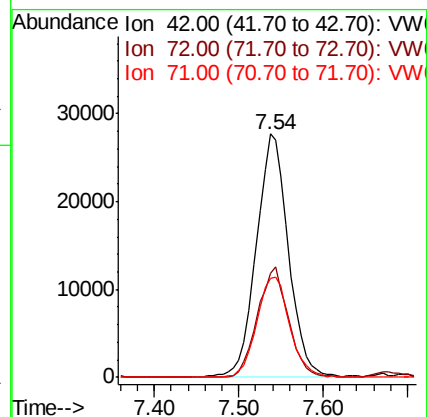
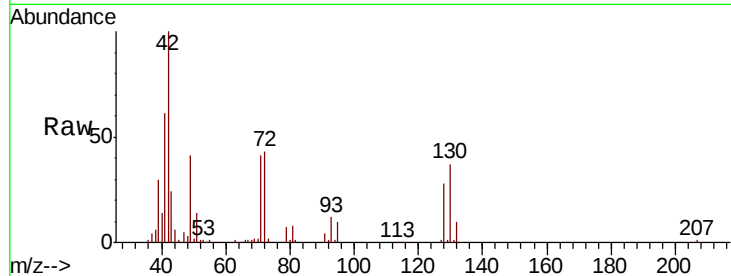
#29
Tetrahydrofuran
Concen: 200.709 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.6	50.4
71	42.2	31.8	47.6

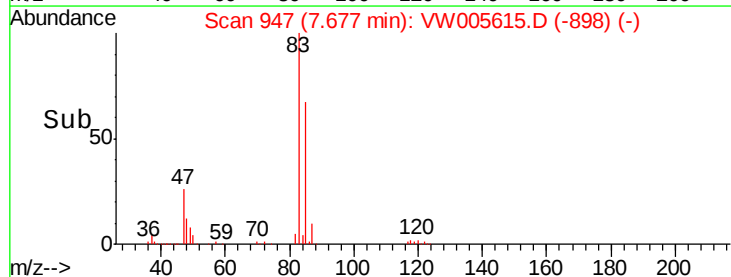
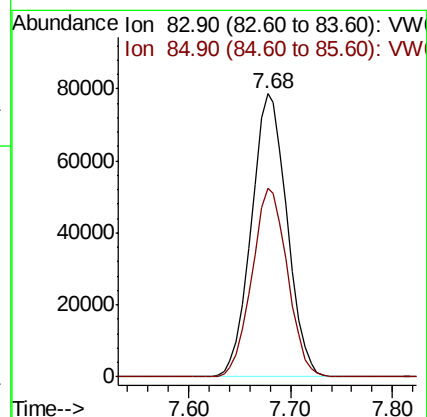
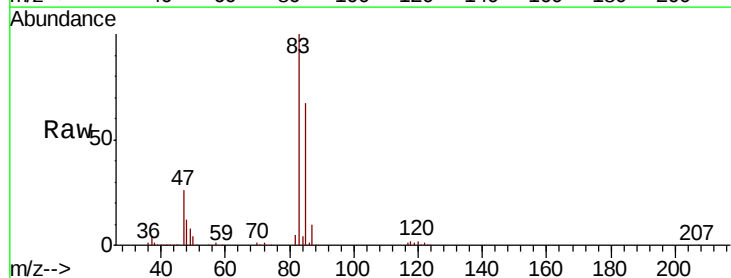
Manual Integrations
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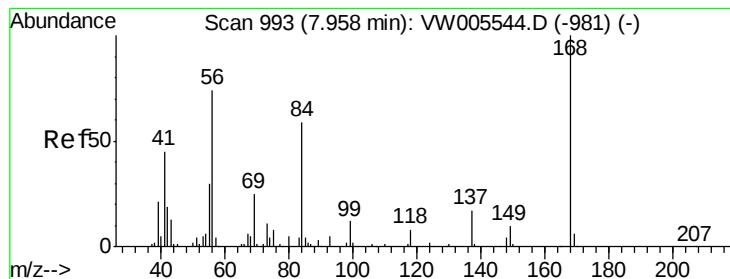
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#30
Chloroform
Concen: 48.418 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.6





#31

Cvclohexane

Concen: 30.541 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

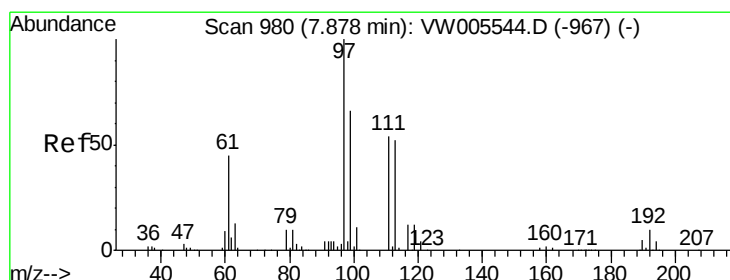
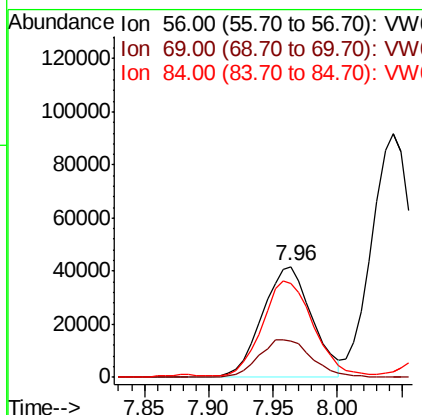
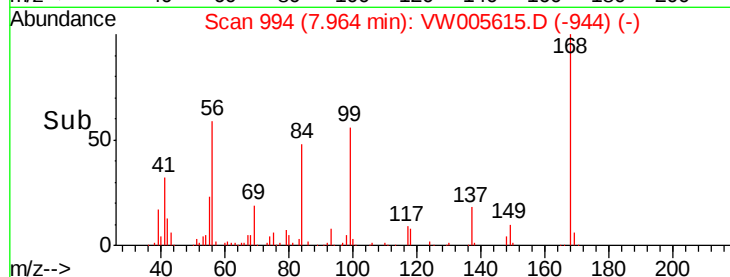
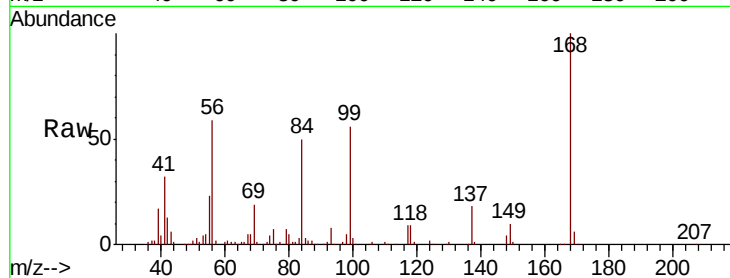
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	56	Resp:	111950
Ion Ratio	Lower	Upper	
56	100		
69	32.7	27.0	40.4
84	82.1	64.2	96.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 43.853 ug/l

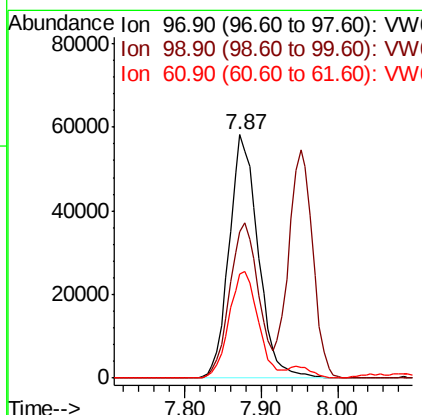
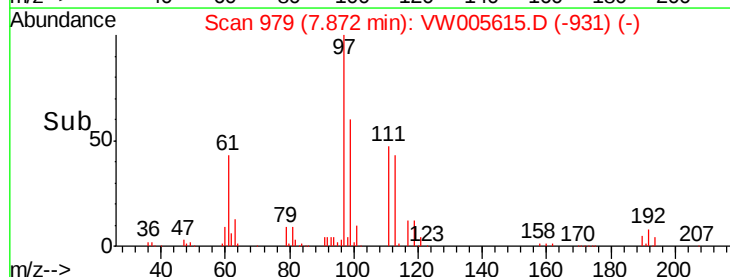
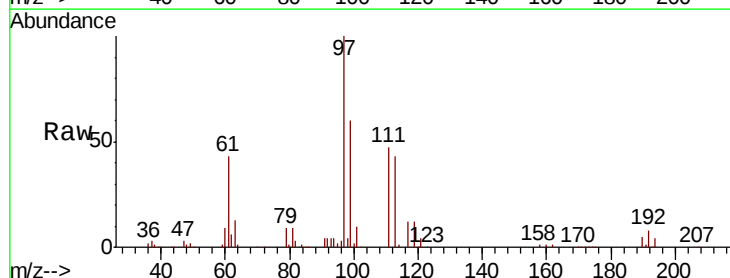
RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	97	Resp:	153023
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.0	76.6
61	44.5	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 51.176 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 65 Resp: 121000

Ion Ratio Lower Upper

65 100

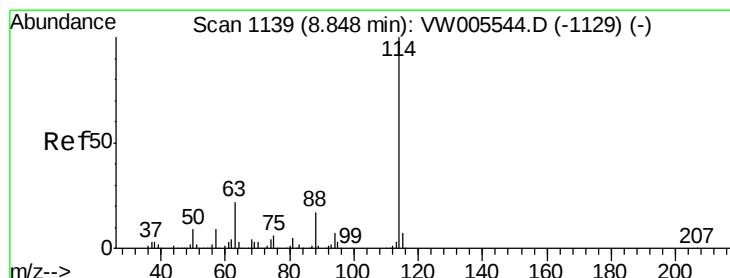
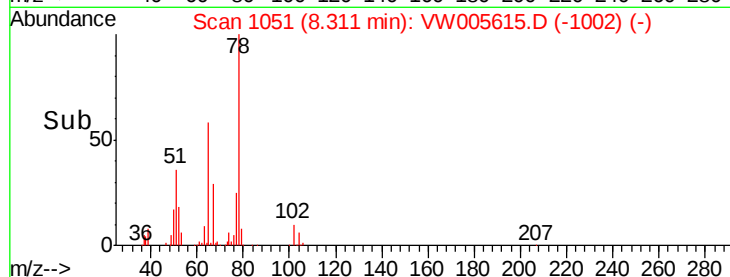
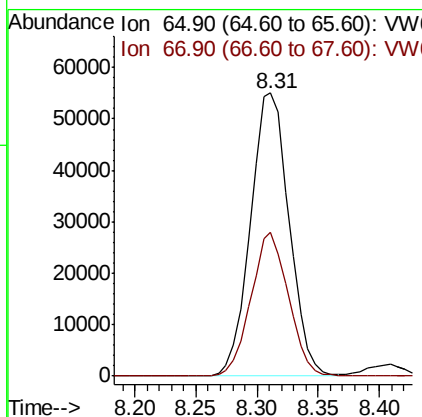
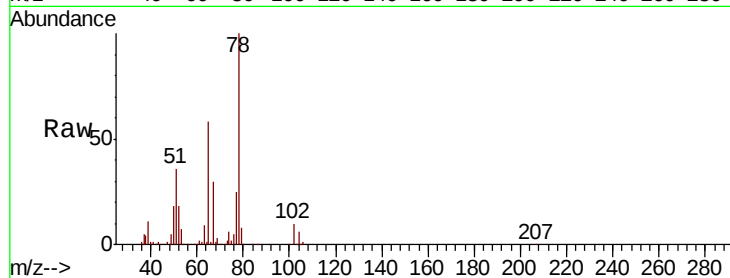
67 49.4 0.0 100.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

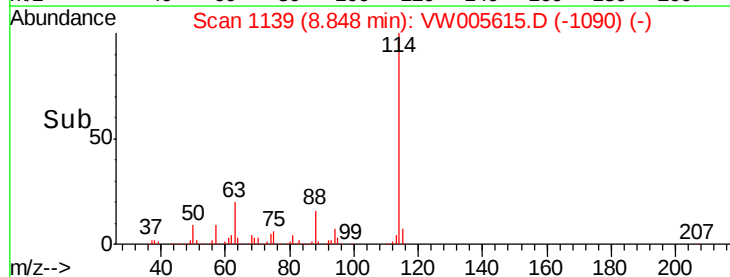
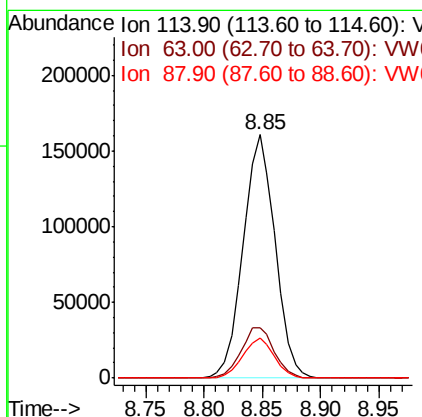
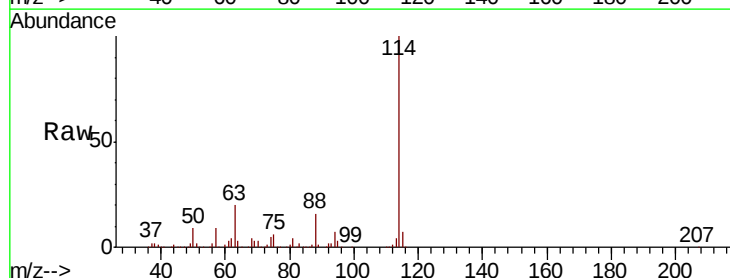
Tgt Ion: 114 Resp: 306526

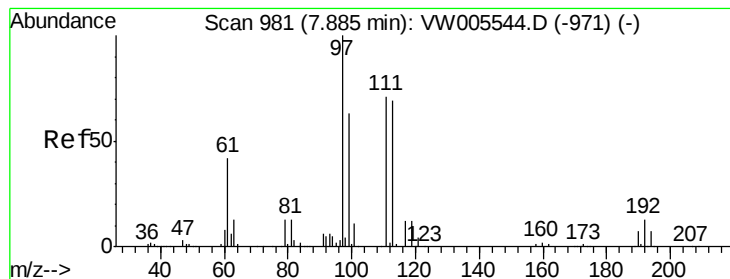
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.966 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005615.D

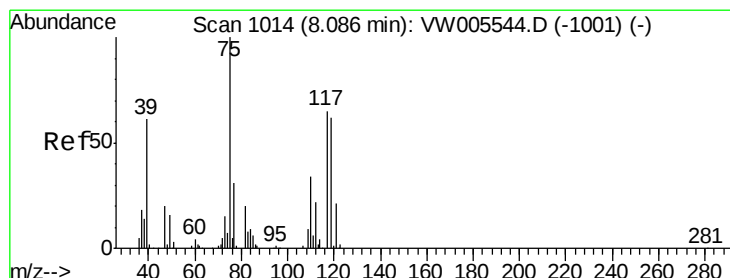
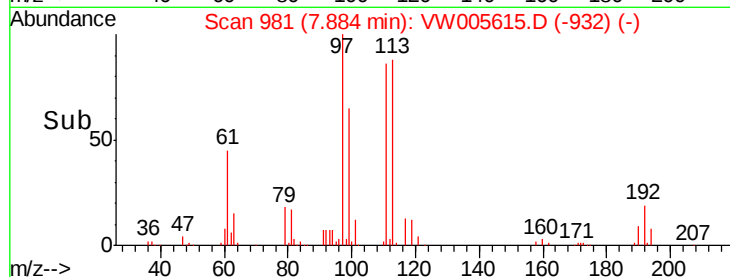
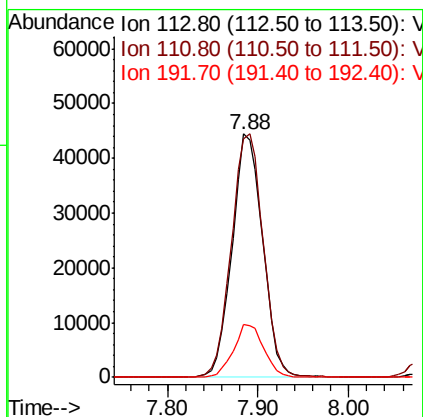
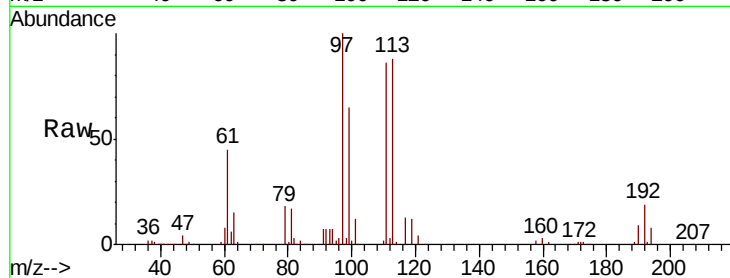
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion:	113	Resp:	104026
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.6	123.8
192	21.4	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.797 ug/l

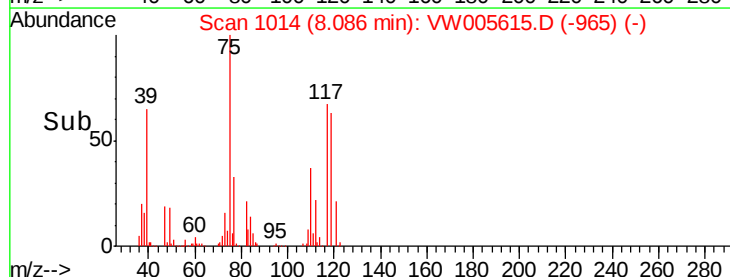
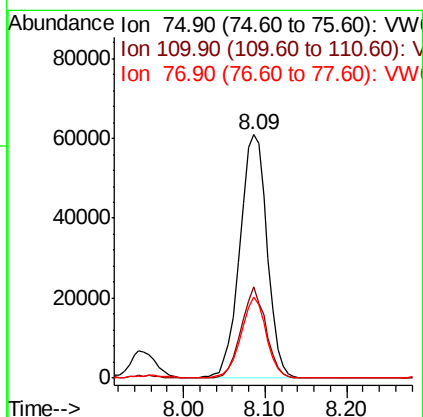
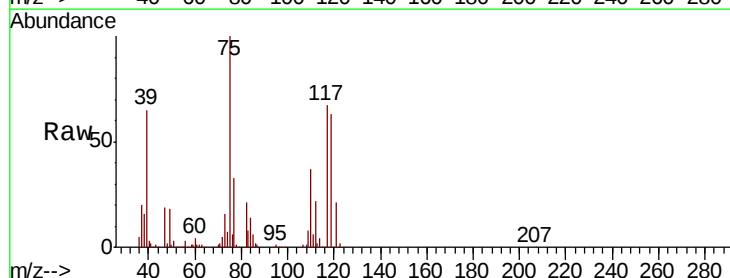
RT: 8.09 min Scan# 1014

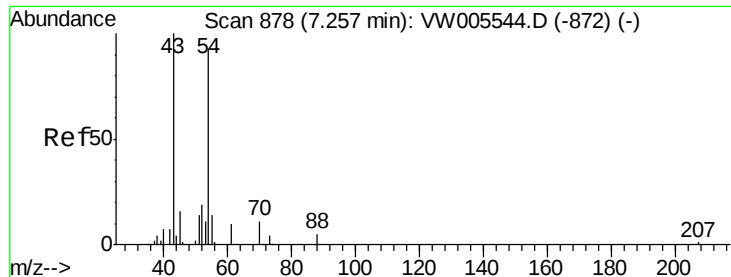
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	75	Resp:	141313
Ion Ratio	Lower	Upper	
75	100		
110	33.7	17.0	50.9
77	30.9	24.8	37.2





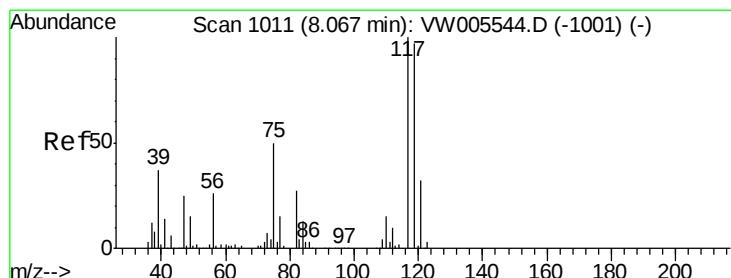
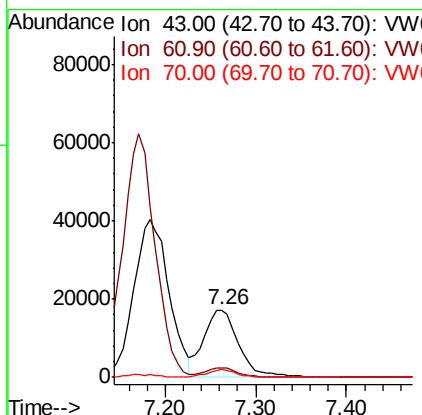
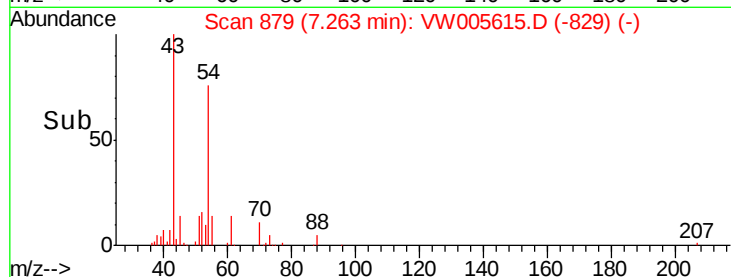
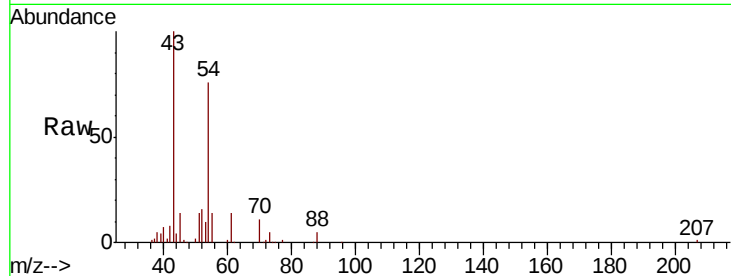
#37
Ethyl Acetate
Concen: 35.624 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.6	8.2	12.2

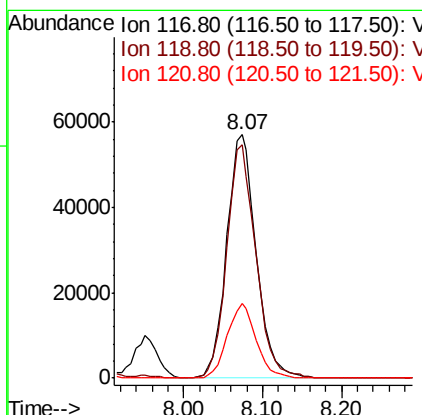
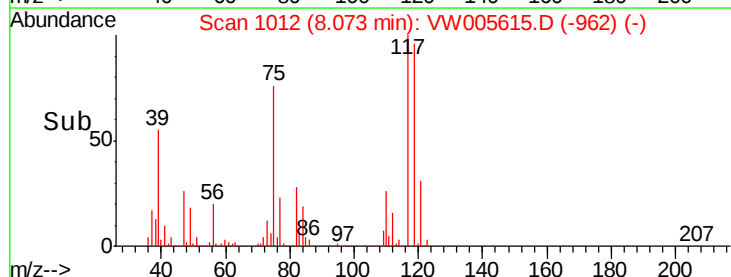
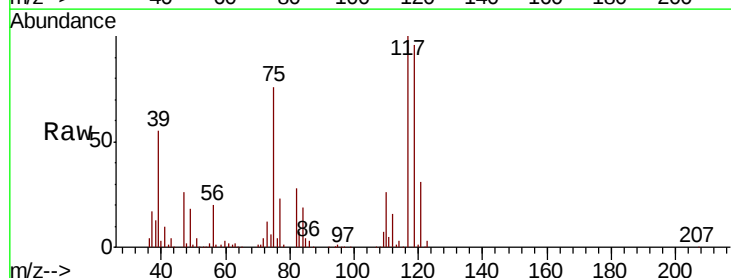
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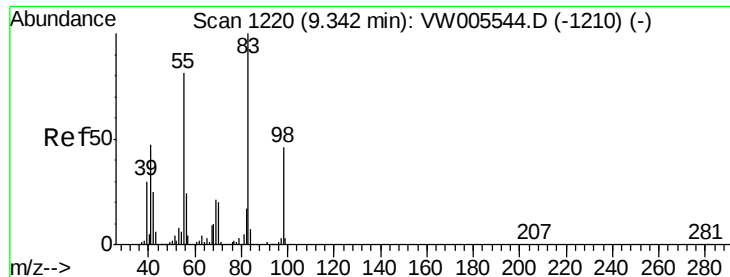
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#38
Carbon Tetrachloride
Concen: 44.741 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.6	116.4
121	30.7	25.7	38.5





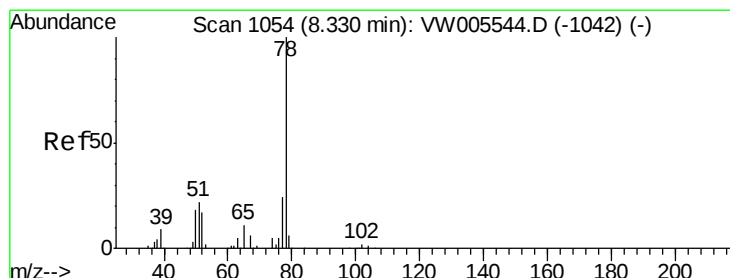
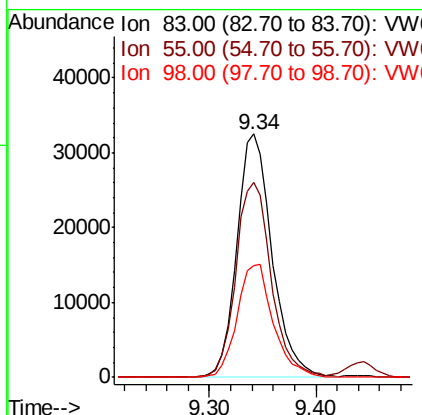
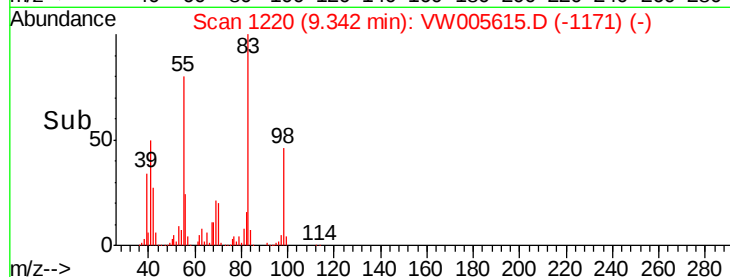
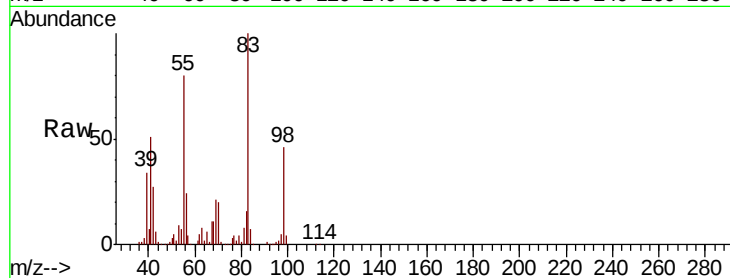
#39
Methvlcvclohexane
Concen: 20.744 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.6	97.0
98	46.0	37.0	55.6

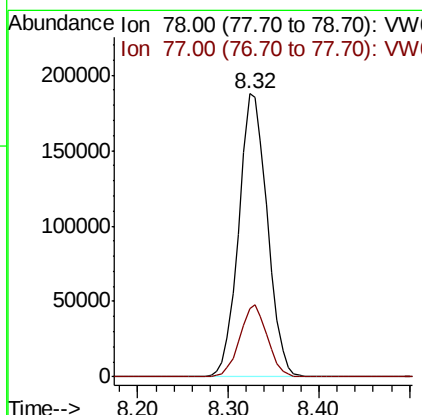
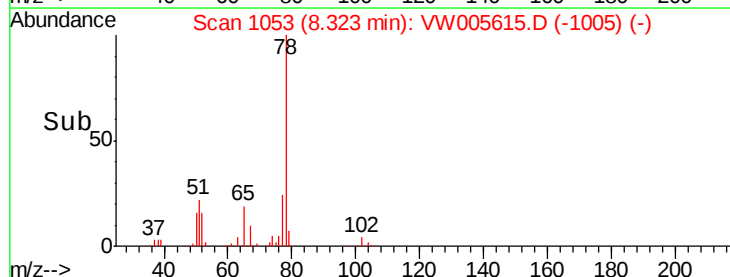
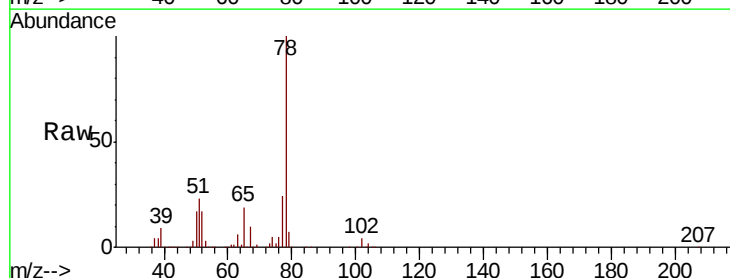
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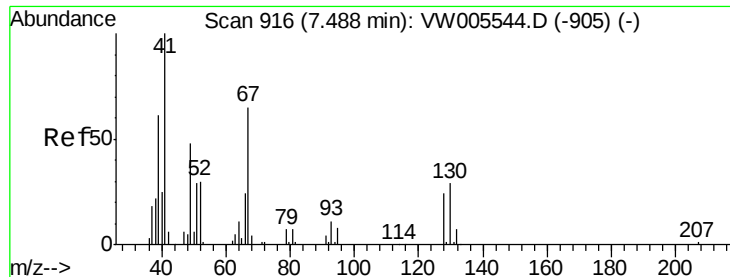
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#40
Benzene
Concen: 46.799 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





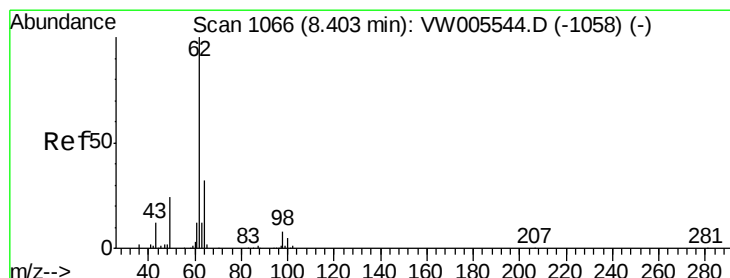
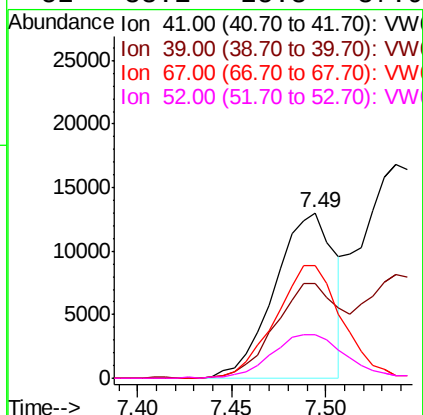
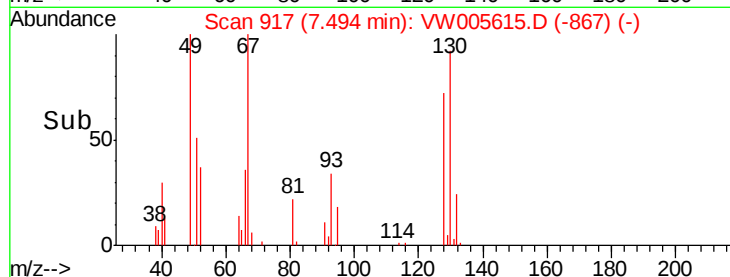
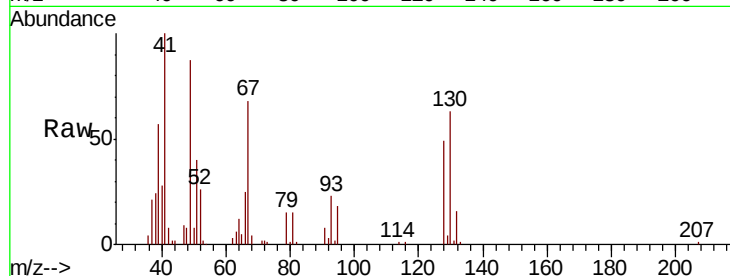
#41
Methacrylonitrile
Concen: 38.817 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28683		
39	64.1	45.4	68.2		
67	76.0	55.2	82.8		
52	33.1	25.3	37.9		

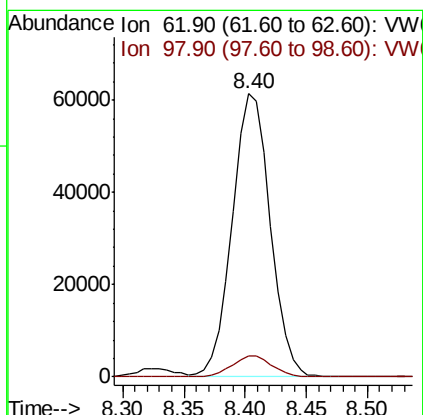
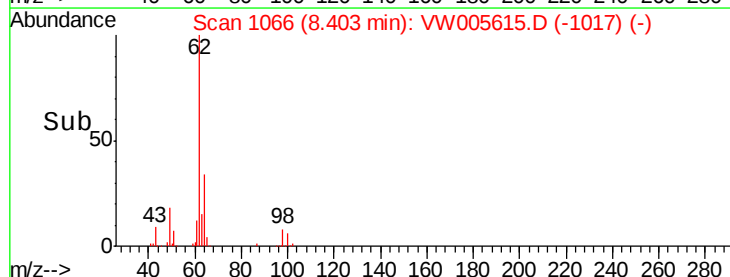
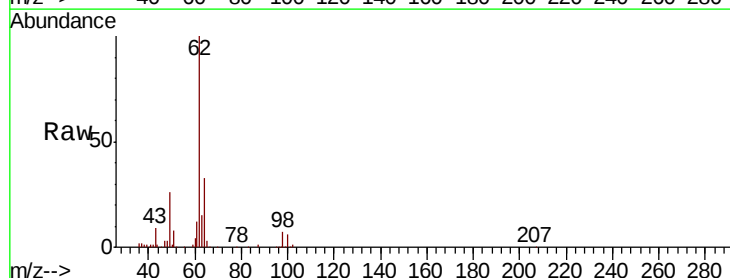
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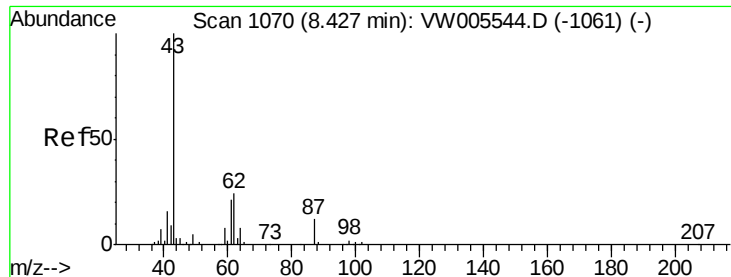
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#42
1,2-Dichloroethane
Concen: 47.274 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		132328		
98	7.7	0.0	15.6		





#43

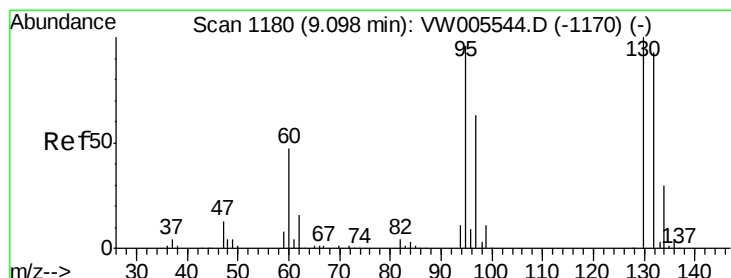
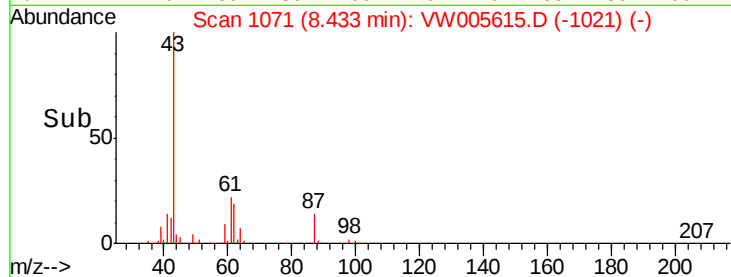
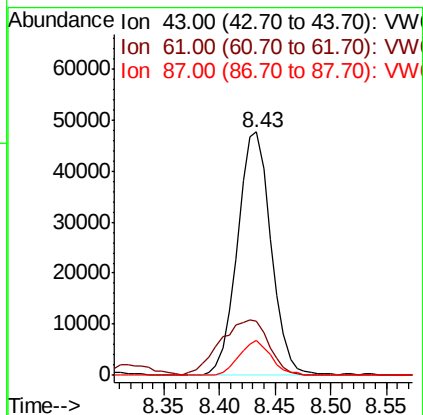
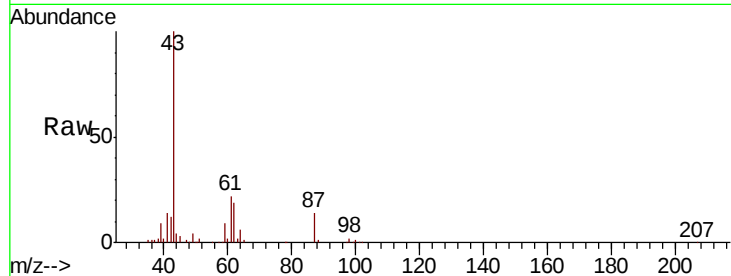
Isopropyl Acetate
 Concen: 39.235 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Tot Ion	43	Resp	100168
Ion Ratio	Lower	Upper	
43	100		
61	32.9	24.1	36.1
87	13.5	9.8	14.8

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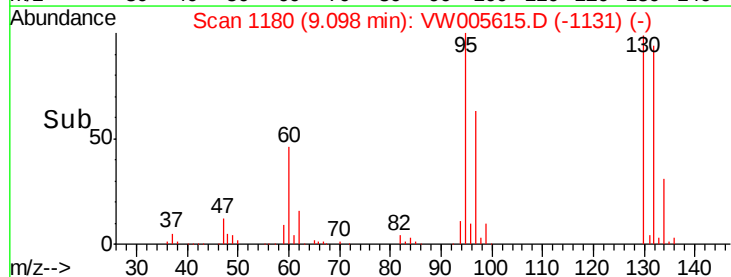
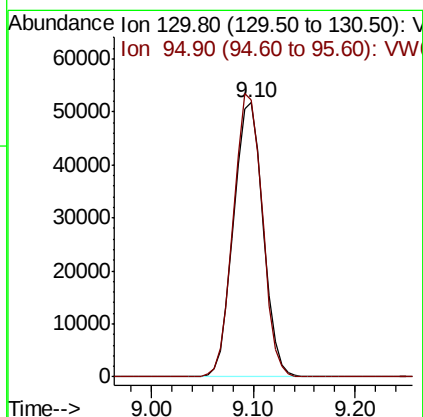
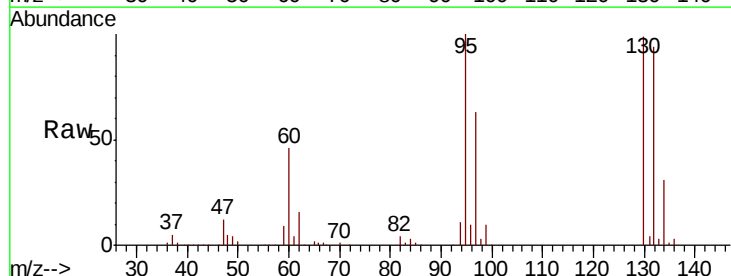
apatel
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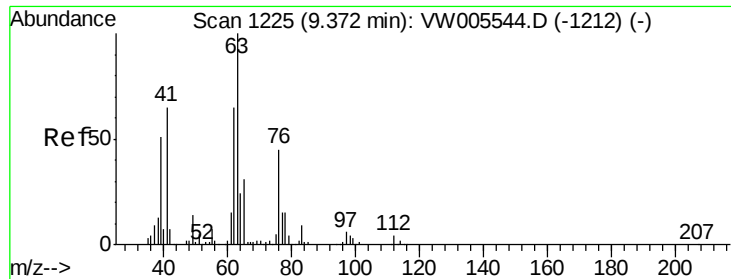


#44

Trichloroethene
 Concen: 46.367 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	130	Resp	103762
Ion Ratio	Lower	Upper	
130	100		
95	101.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 45.391 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 63 Resp: 97631

Ion Ratio Lower Upper

63 100

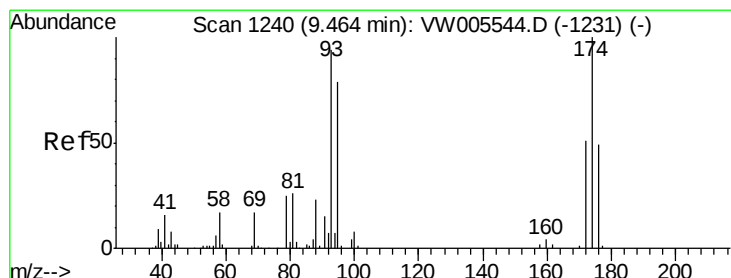
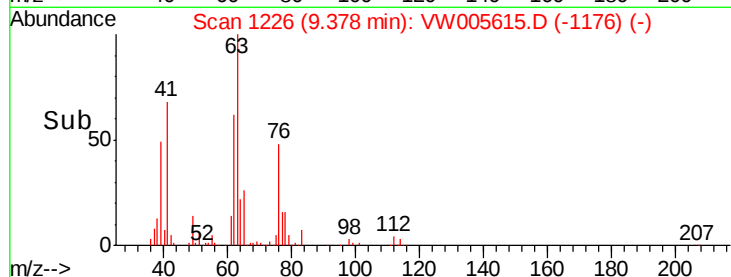
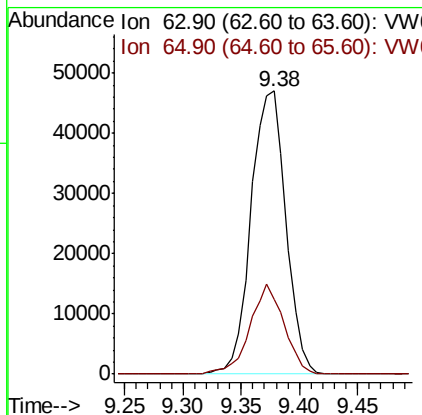
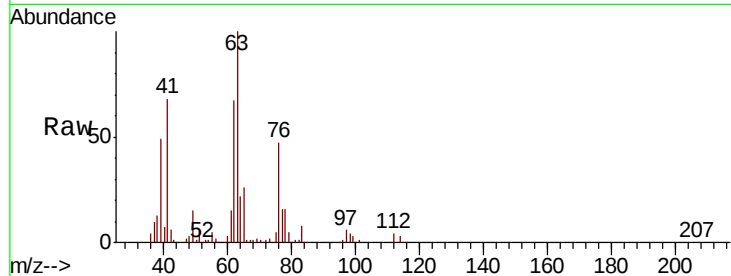
65 26.3 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 44.250 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

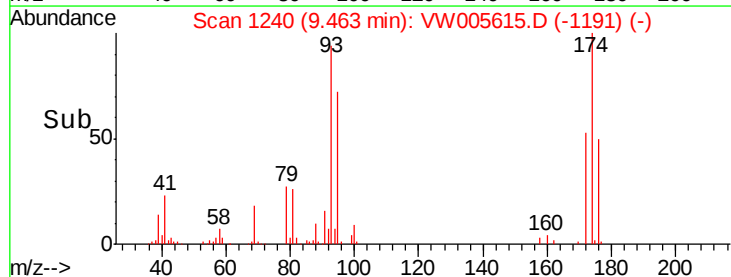
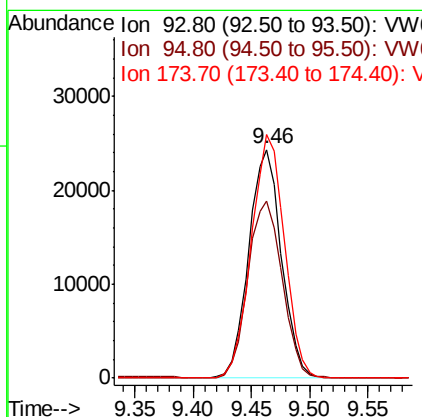
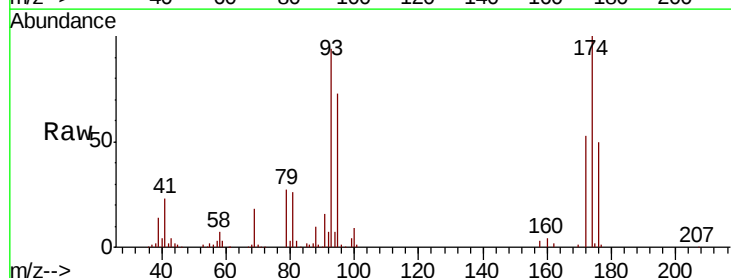
Tgt Ion: 93 Resp: 47555

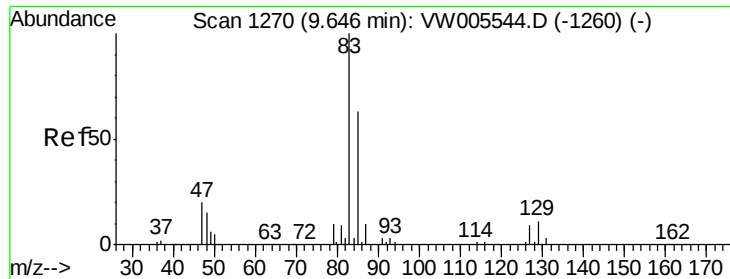
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.8

174 107.6 84.0 126.0





#47

Bromodichloromethane

Concen: 46.338 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

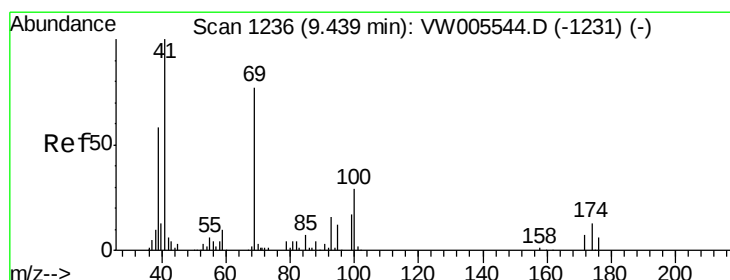
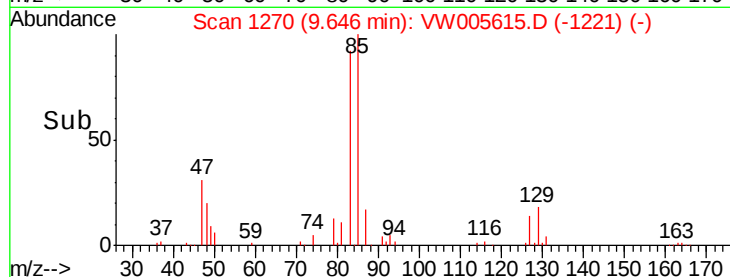
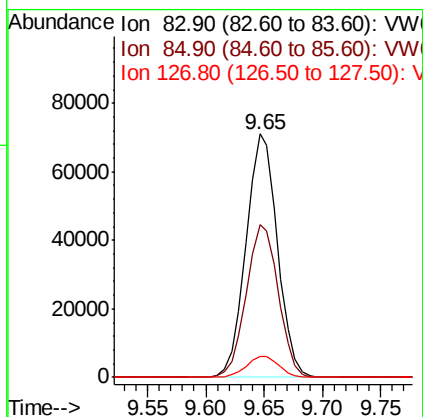
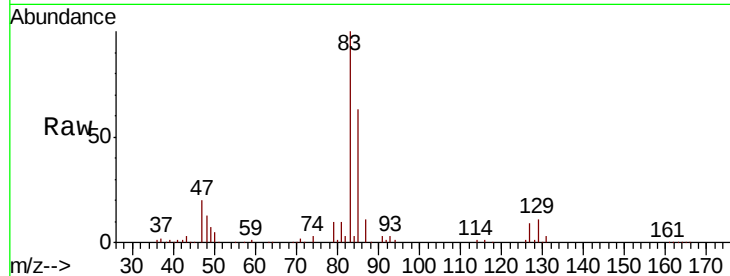
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	83	Resp:	133776
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.5	75.7
127	8.7	7.0	10.6

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#48

Methyl methacrylate

Concen: 46.491 ug/l

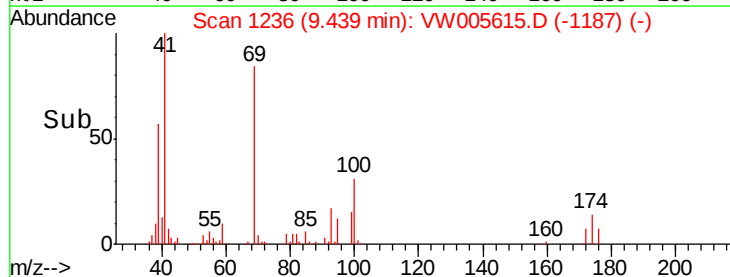
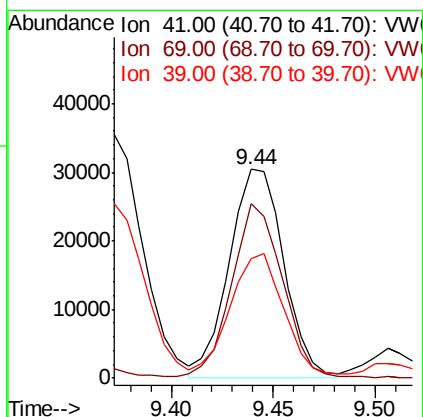
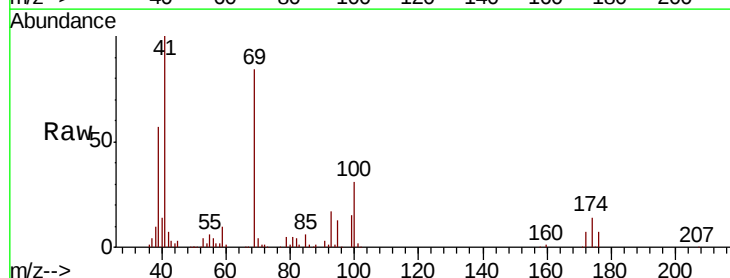
RT: 9.44 min Scan# 1236

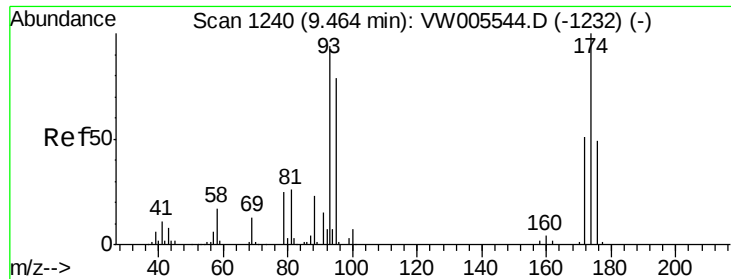
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	41	Resp:	56376
Ion Ratio	Lower	Upper	
41	100		
69	78.8	64.7	97.1
39	59.6	50.5	75.7





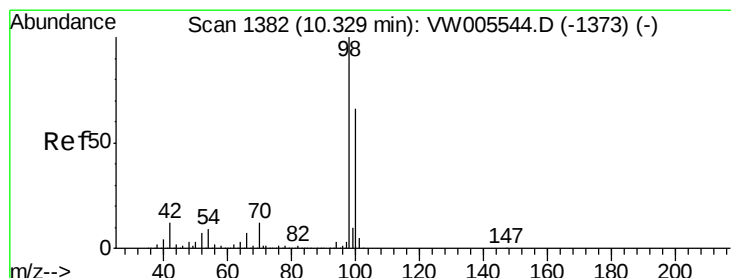
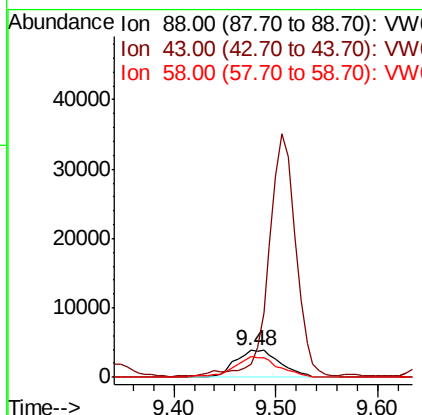
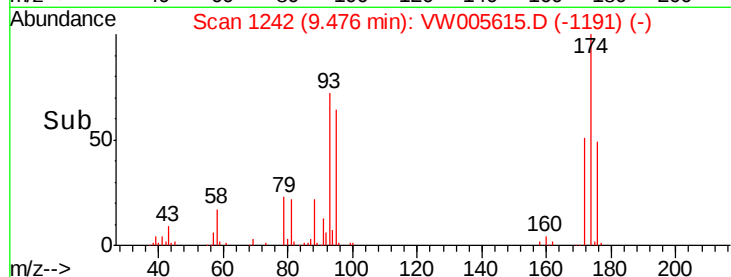
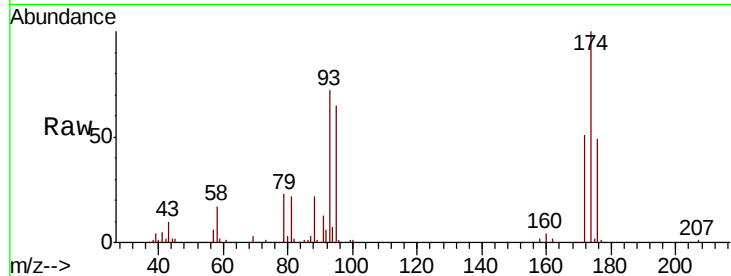
#49
1,4-Dioxane
Concen: 704.421 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	88	Resp	12036
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	76.1	61.2	91.8

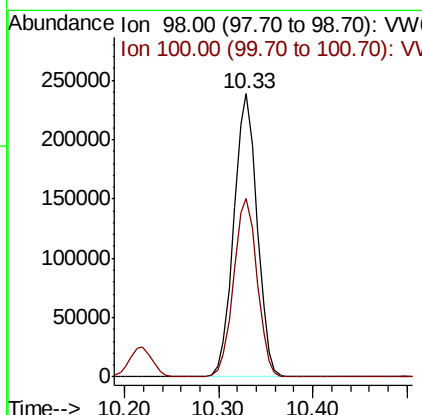
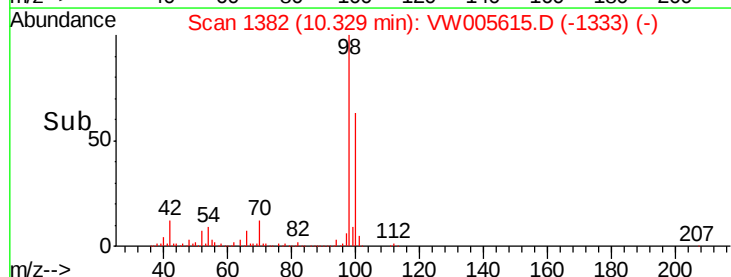
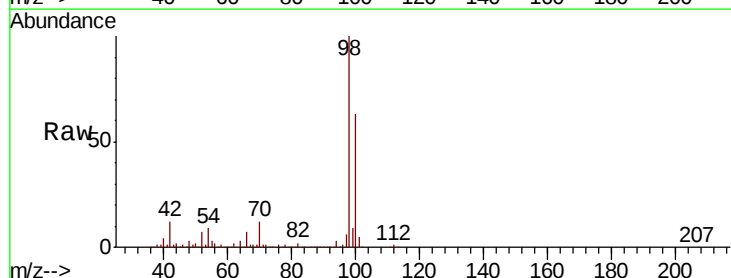
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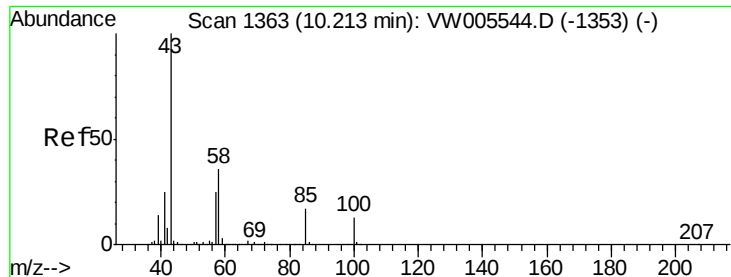
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#50
Toluene-d8
Concen: 52.204 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	98	Resp	409743
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.6	77.4





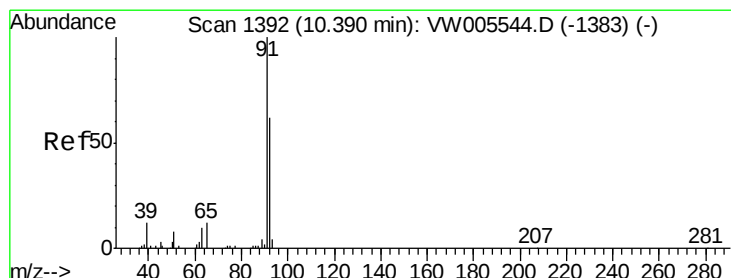
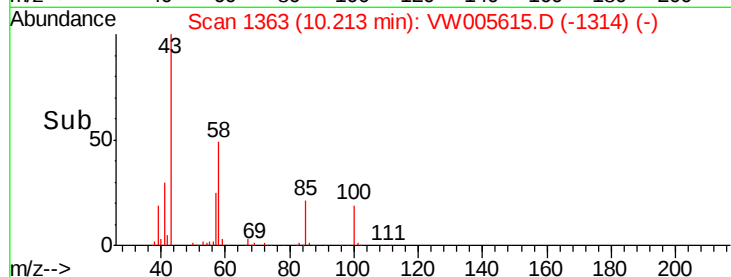
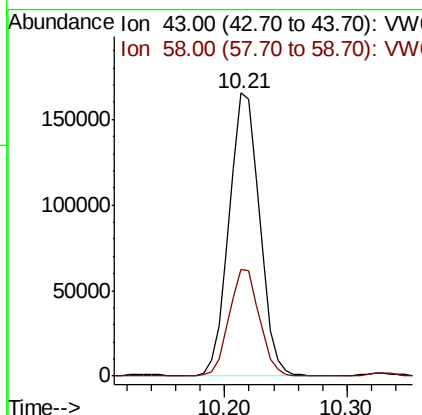
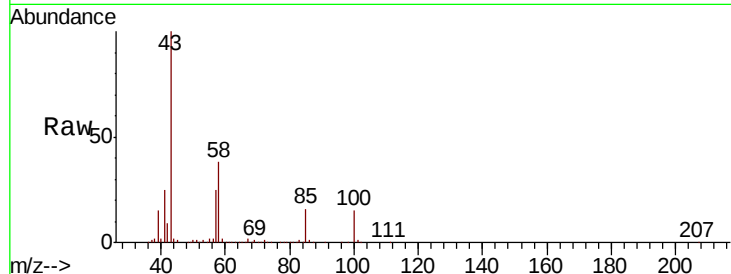
#51
4-Methyl-2-Pentanone
Concen: 221.756 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	43	Resp	285148
Ion Ratio	100	Lower	Upper
43	100		
58	37.5	30.0	45.0

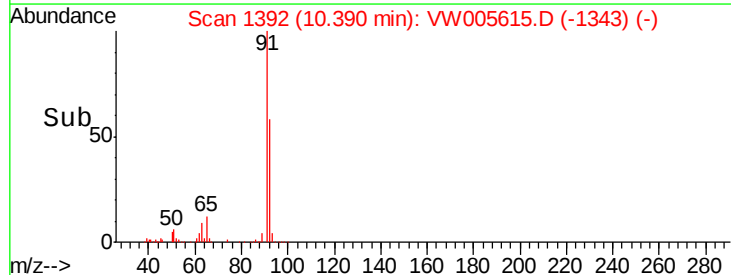
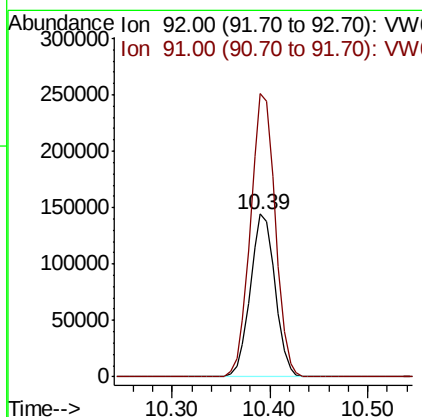
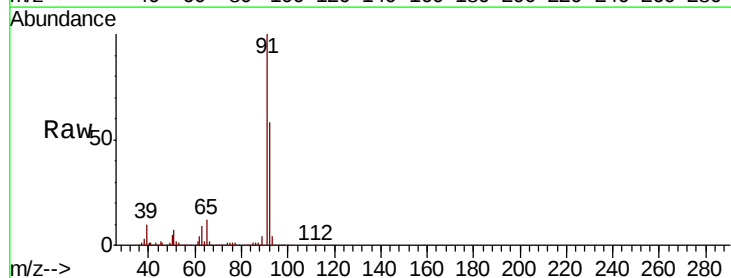
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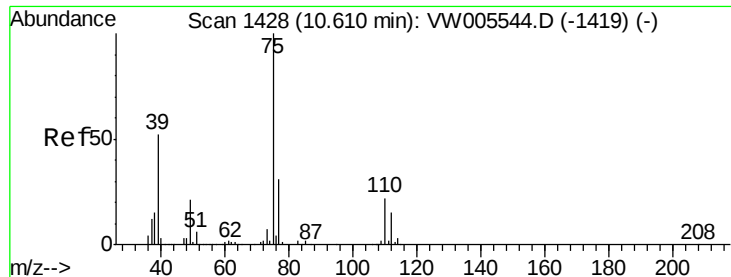
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#52
Toluene
Concen: 46.343 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	92	Resp	252811
Ion Ratio	100	Lower	Upper
92	100		
91	174.3	137.1	205.7





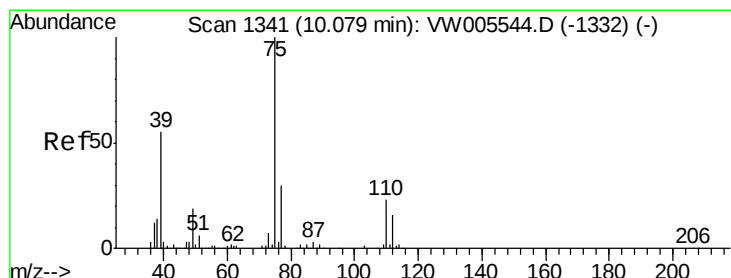
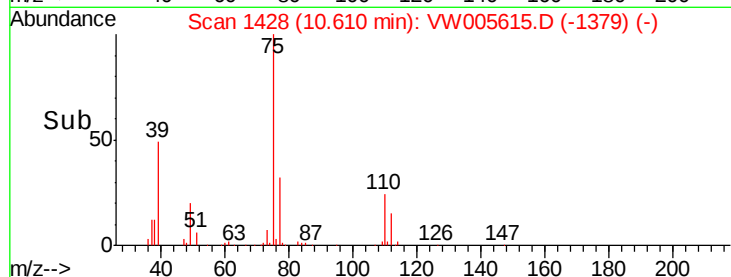
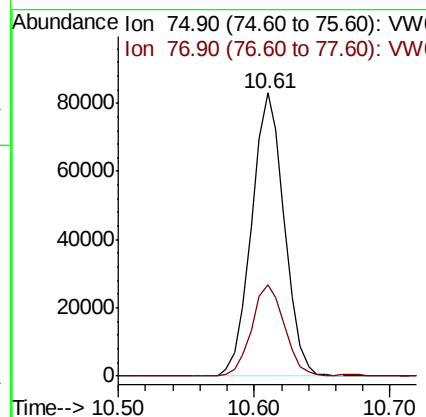
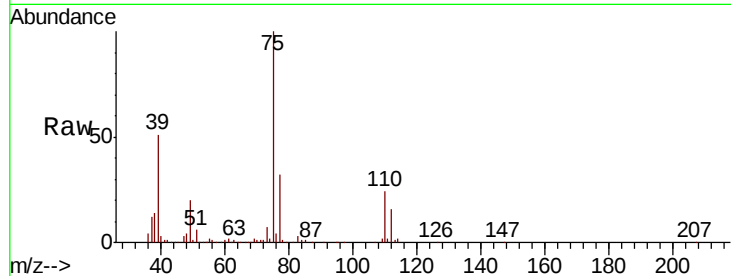
#53
t-1,3-Dichloropropene
Concen: 48.264 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion: 75 Resp: 139682
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

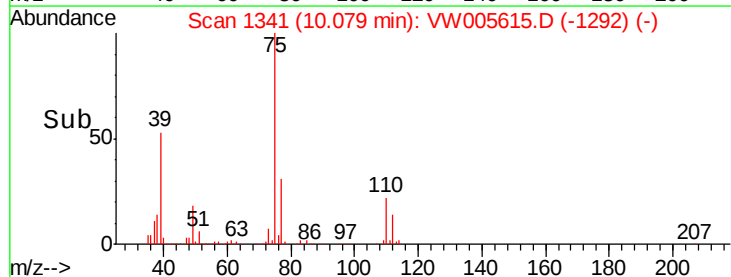
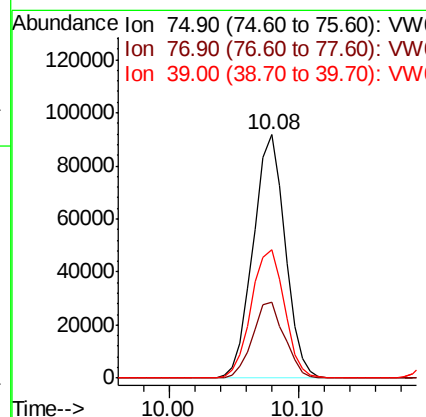
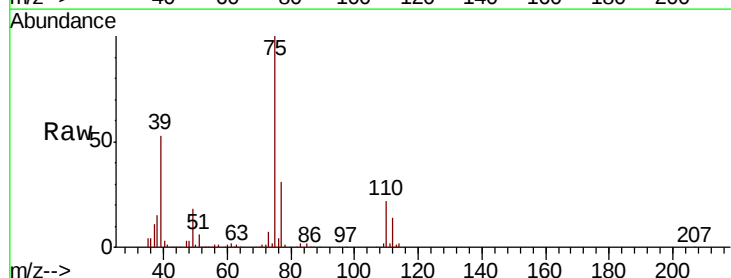
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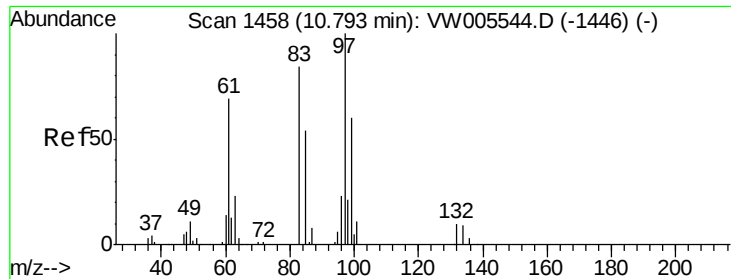
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#54
cis-1,3-Dichloropropene
Concen: 48.455 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 75 Resp: 157122
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5
39 52.8 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 55.642 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

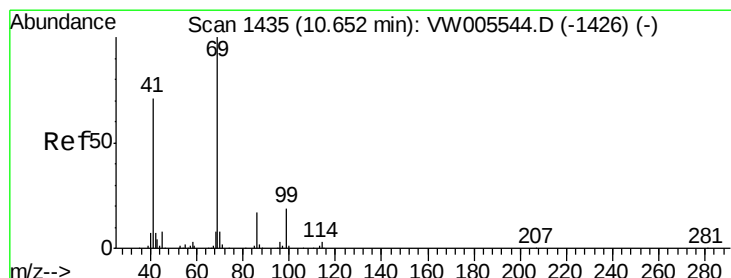
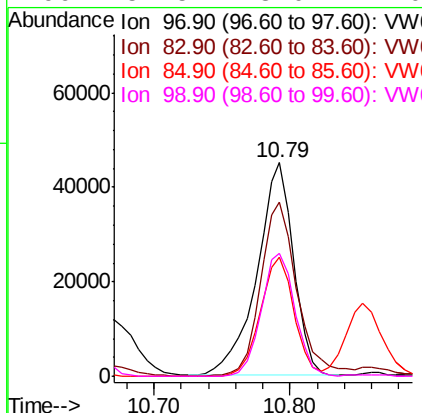
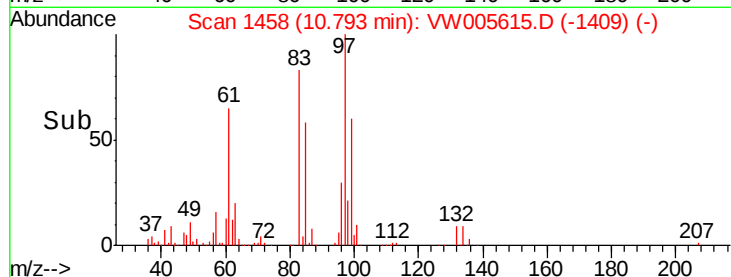
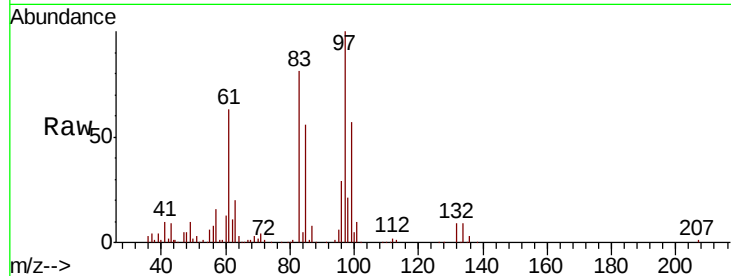
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	97	Resp:	84883
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.4	101.2
85	55.7	43.3	64.9
99	57.5	48.0	72.0

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#56

Ethyl methacrylate

Concen: 53.750 ug/l

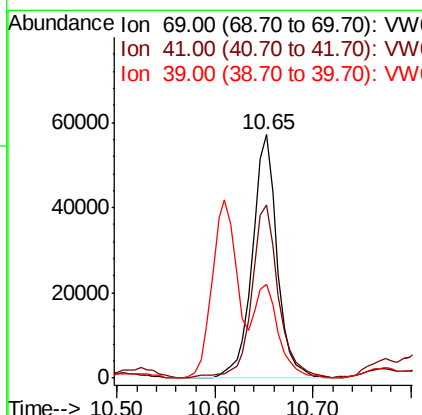
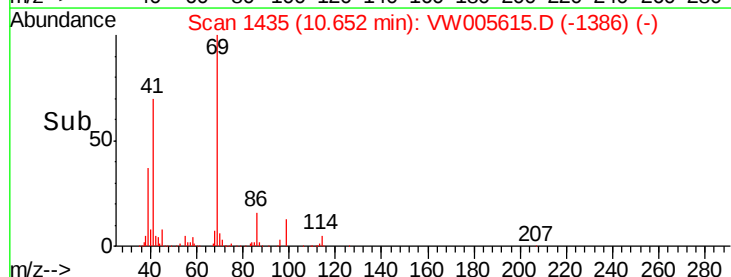
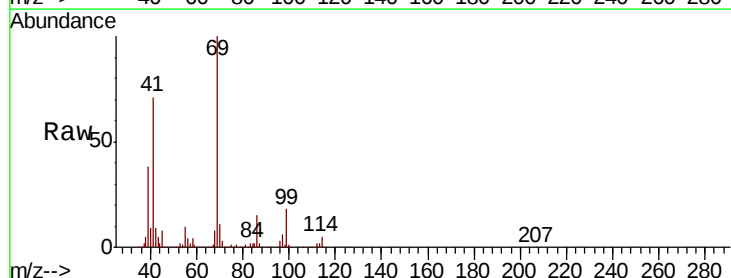
RT: 10.65 min Scan# 1435

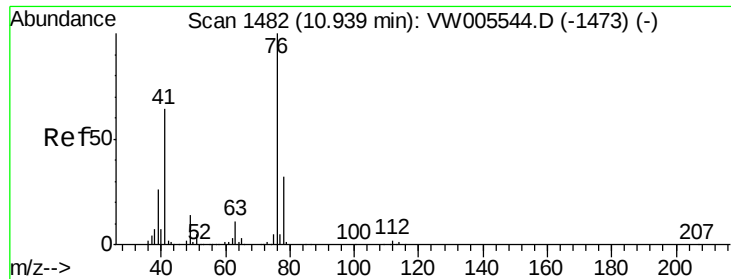
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	69	Resp:	101220
Ion	Ratio	Lower	Upper
69	100		
41	75.1	57.3	85.9
39	36.0	29.2	43.8





#57

1,3-Dichloropropane

Concen: 47.176 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 76 Resp: 127550

Ion Ratio Lower Upper

76 100

78 32.4

25.6

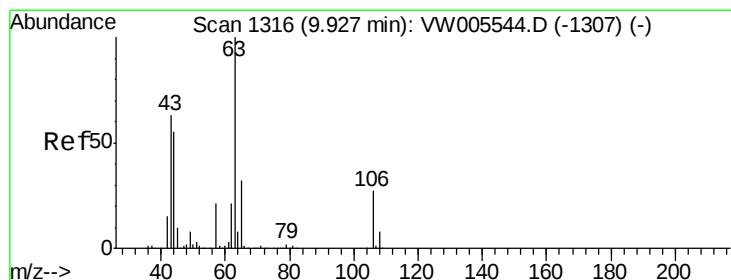
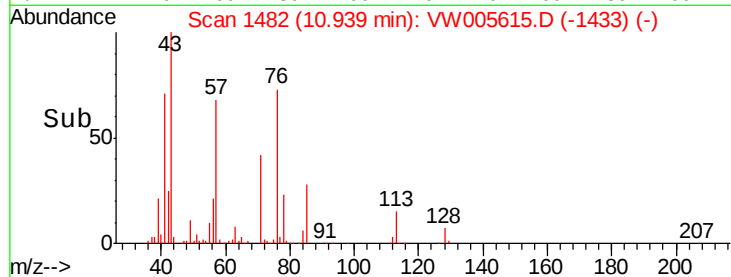
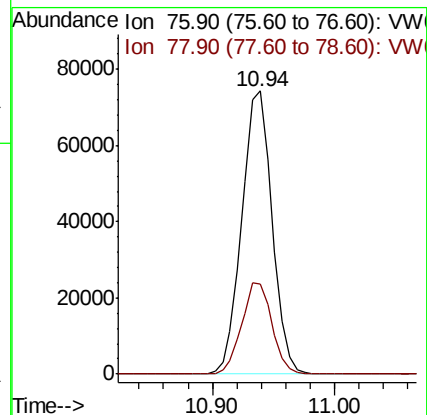
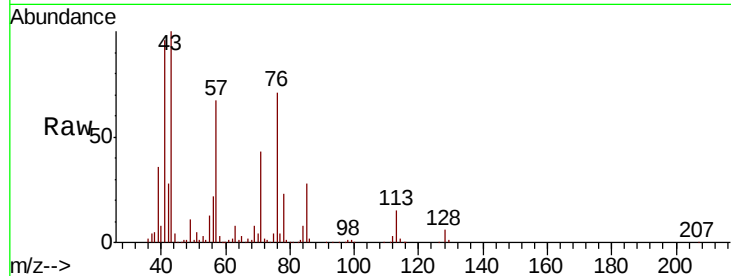
38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 239.681 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion: 63 Resp: 204605

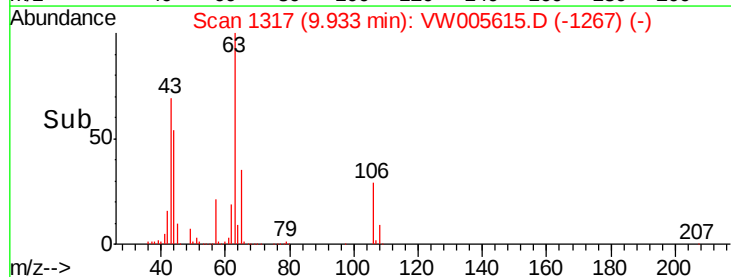
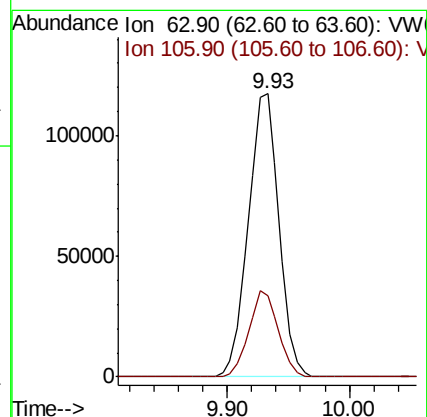
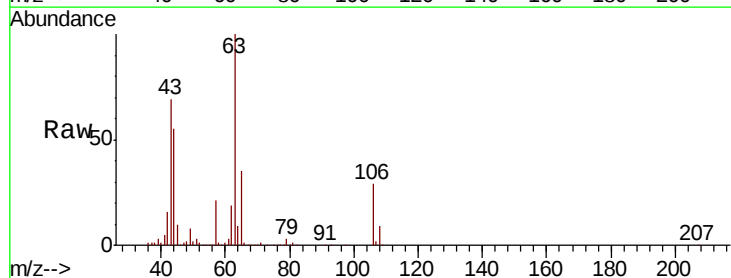
Ion Ratio Lower Upper

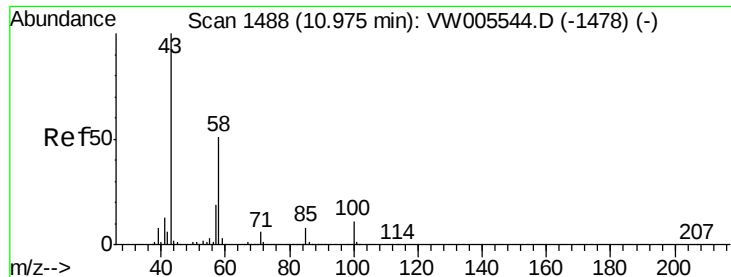
63 100

106 29.0

21.6

32.4





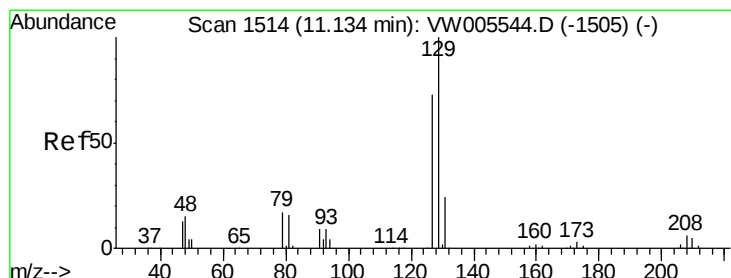
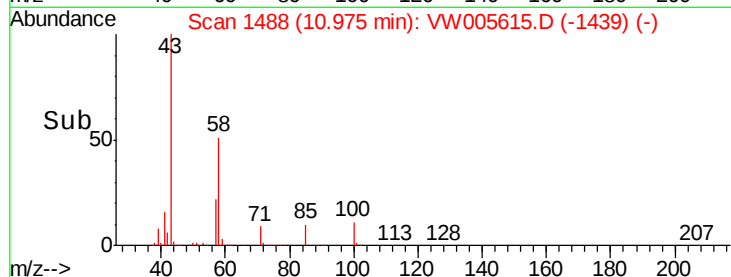
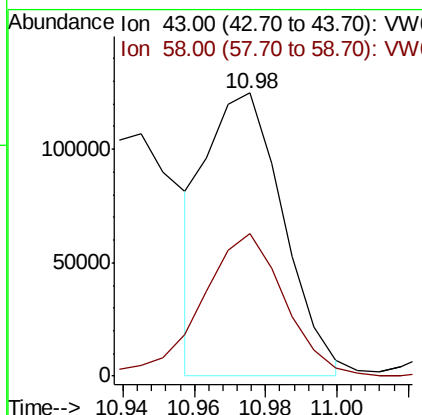
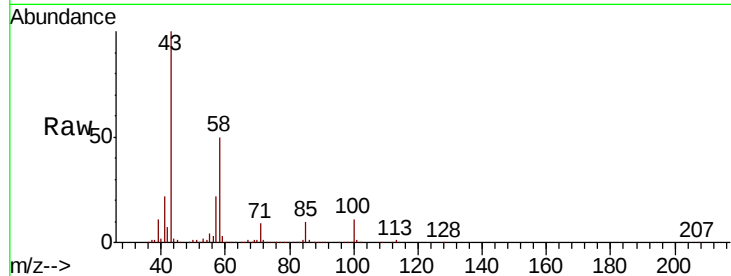
#59
2-Hexanone
Concen: 215.890 ug/l m
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion: 43 Resp: 188585
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9

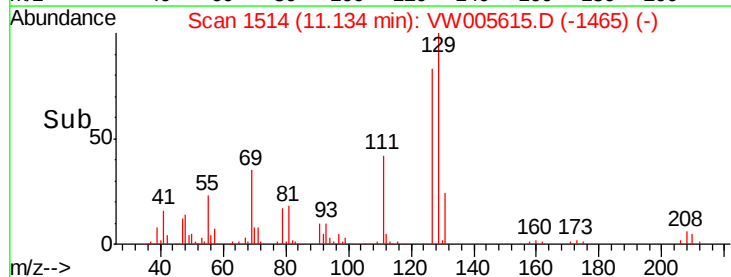
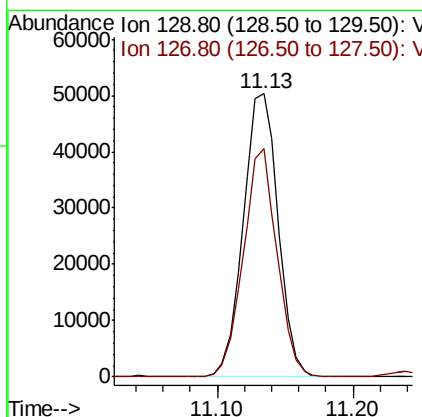
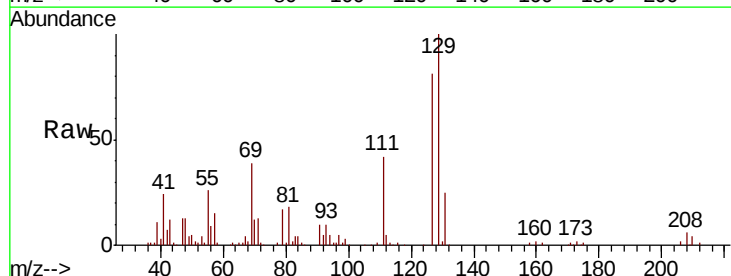
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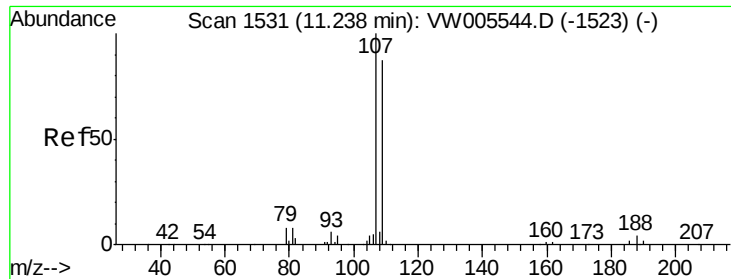
apatel
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#60
Dibromochloromethane
Concen: 48.985 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 129 Resp: 90290
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.385 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 107 Resp: 67397

Ion Ratio Lower Upper

107 100

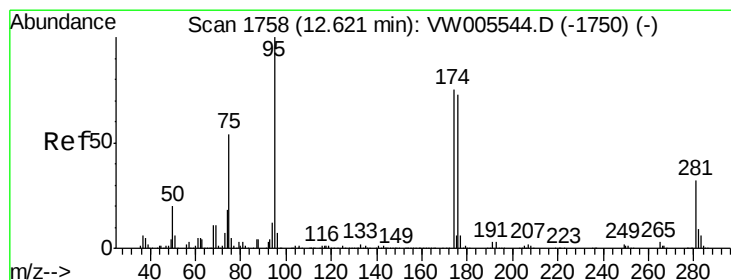
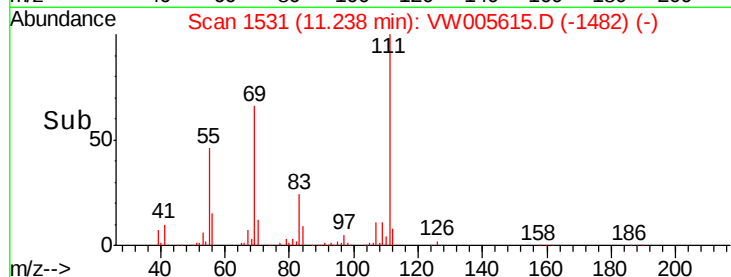
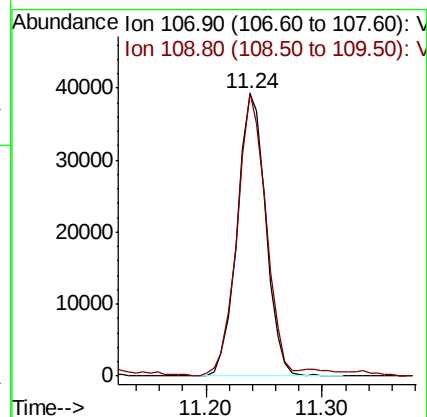
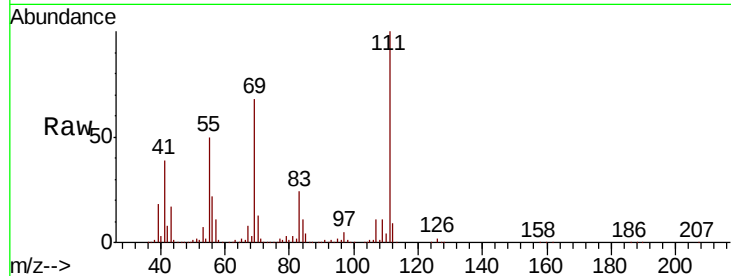
109 100.2 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 142.859 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

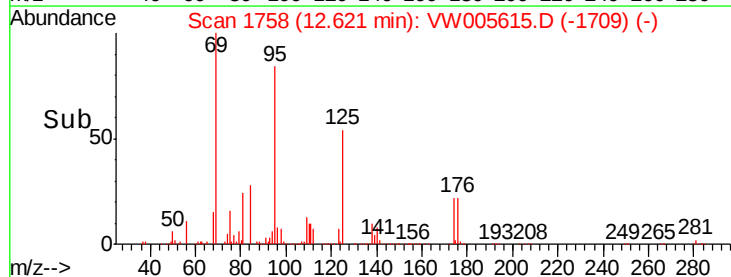
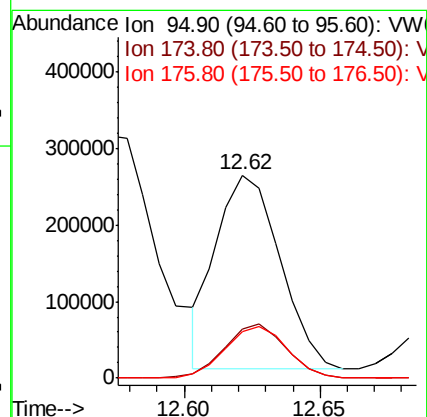
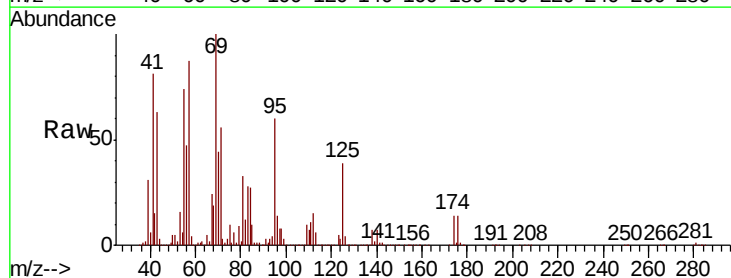
Tgt Ion: 95 Resp: 414900

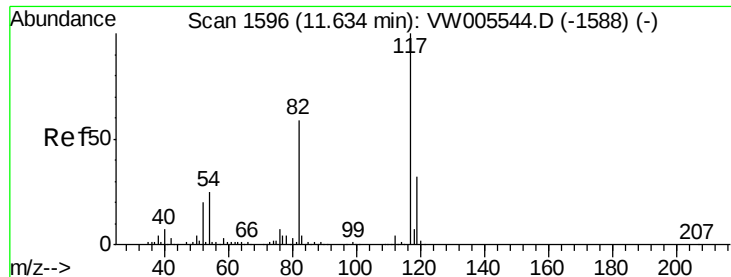
Ion Ratio Lower Upper

95 100

174 26.8 0.0 163.8

176 26.1 0.0 158.0





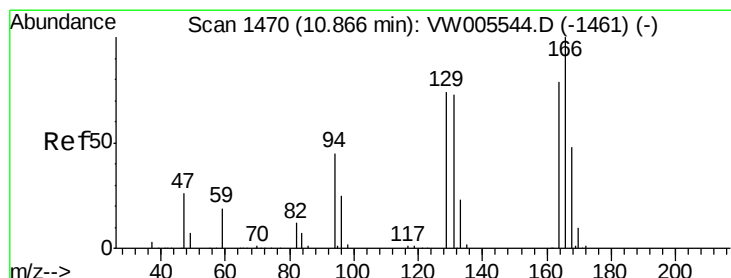
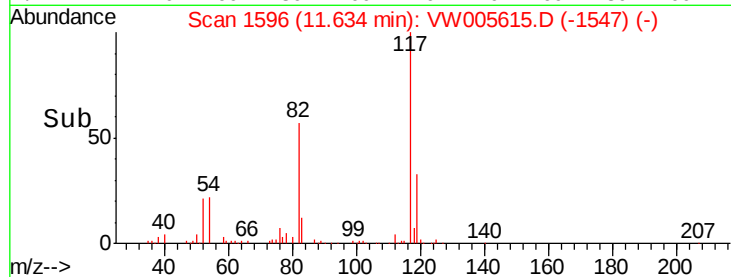
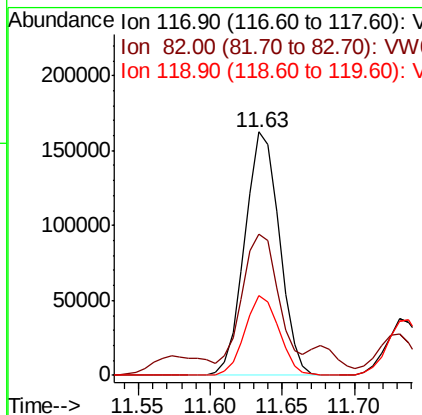
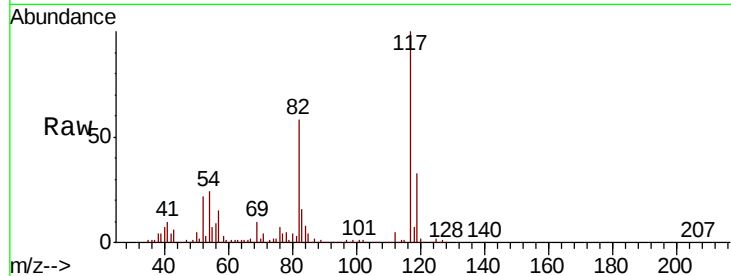
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	271180		
82	51.7	46.9	70.3	
119	32.6	25.7	38.5	

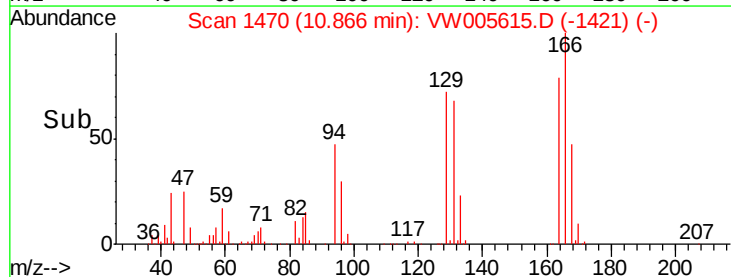
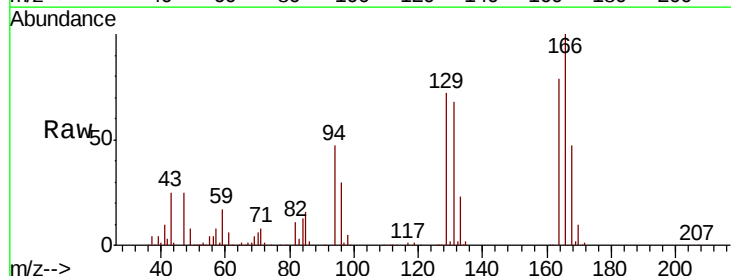
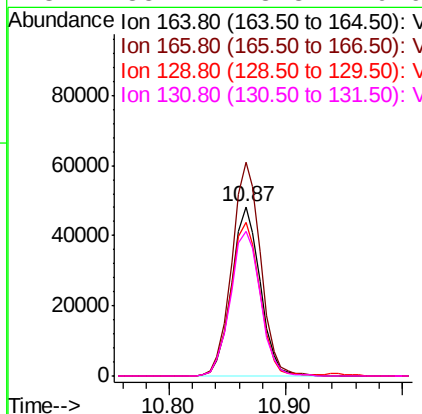
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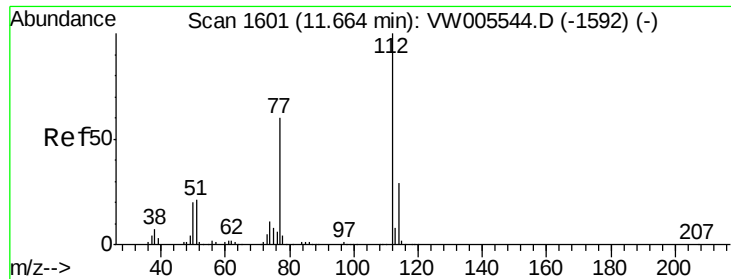
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#64
Tetrachloroethene
Concen: 43.045 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82848		
166	126.2	101.1	151.7	
129	90.5	74.4	111.6	
131	85.4	73.8	110.6	





#65

Chlorobenzene

Concen: 48.358 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion:112 Resp: 278391

Ion Ratio Lower Upper

112 100

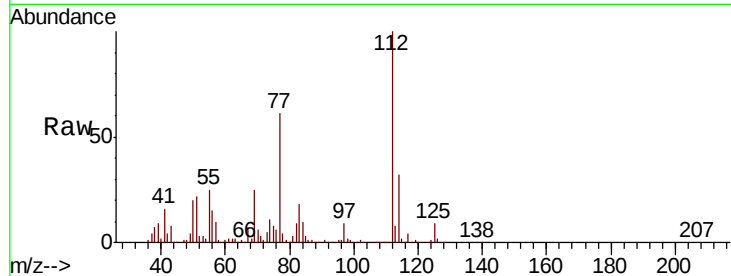
114 32.0 22.9 34.3

Manual Integrations

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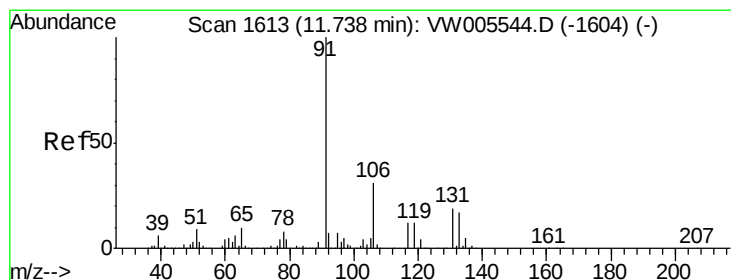
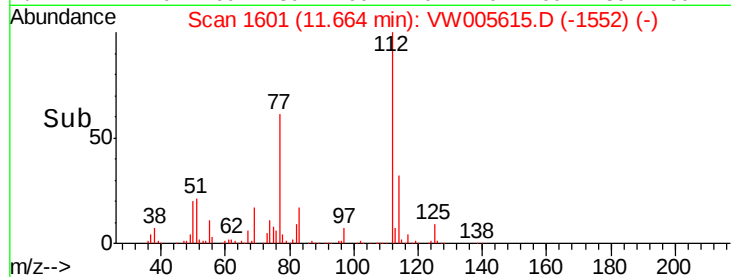
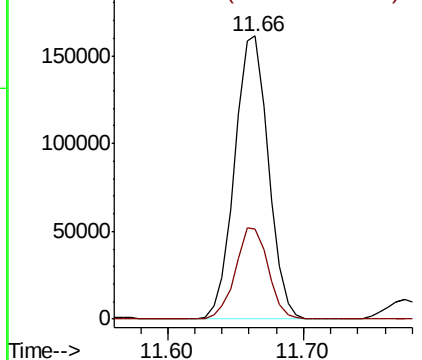
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.062 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

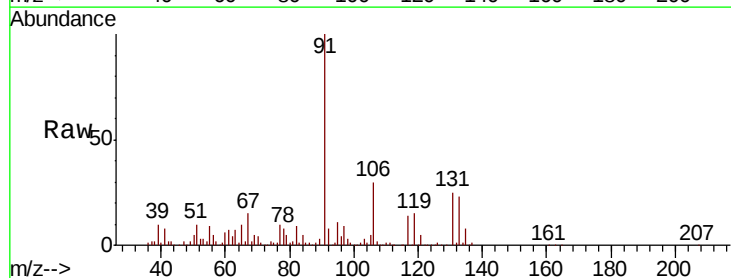
Tgt Ion:131 Resp: 101654

Ion Ratio Lower Upper

131 100

133 97.0 47.2 141.6

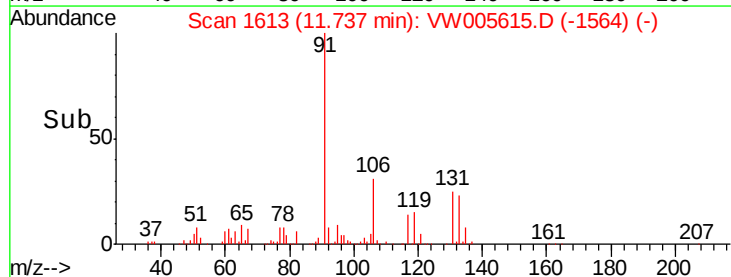
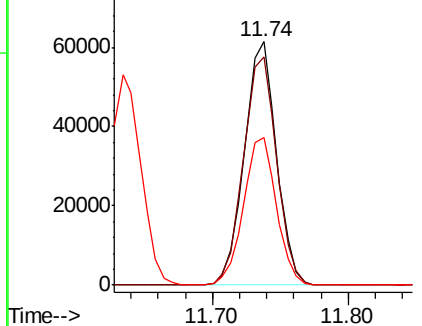
119 62.1 31.1 93.2

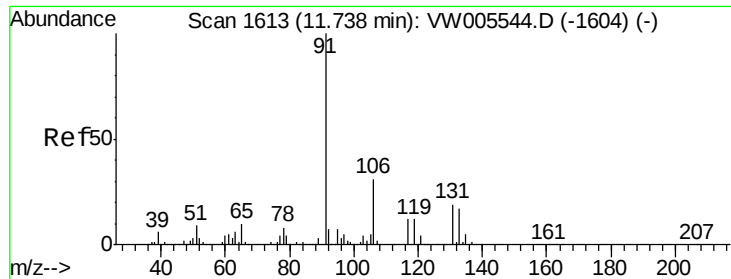


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





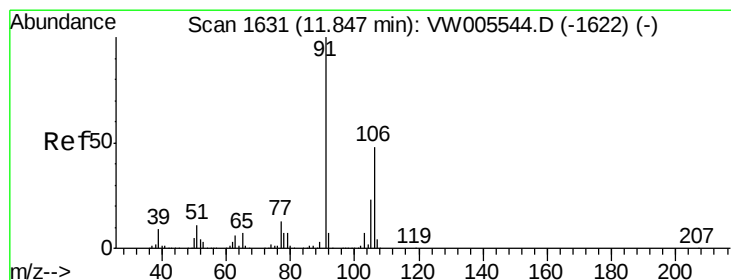
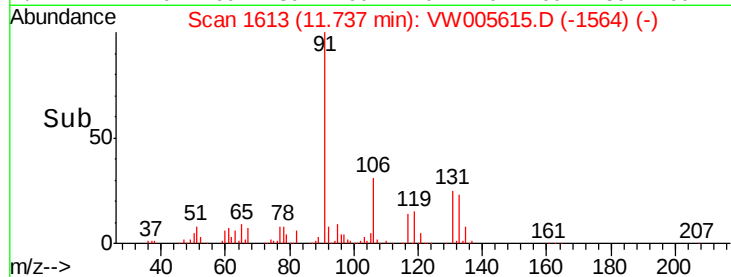
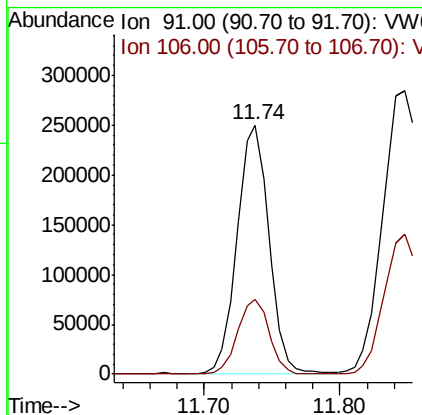
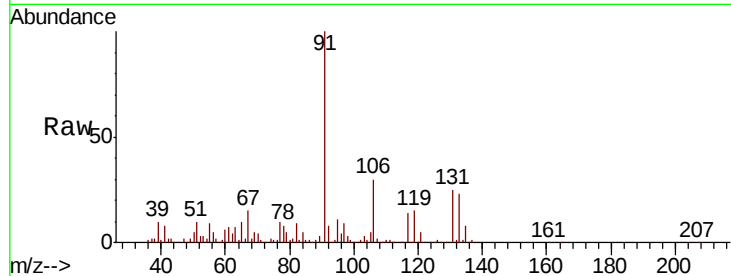
#67
Ethyl Benzene
Concen: 39.865 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

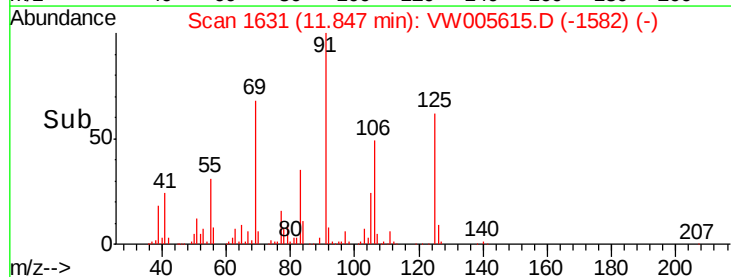
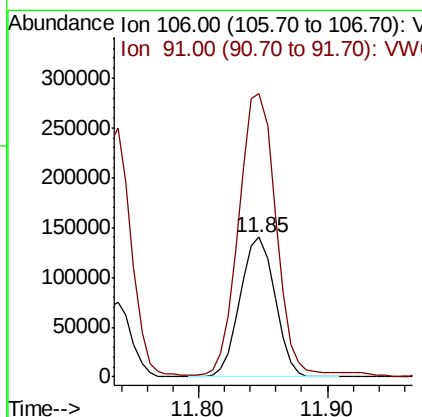
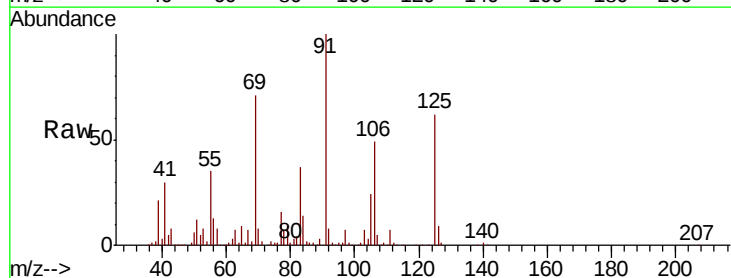
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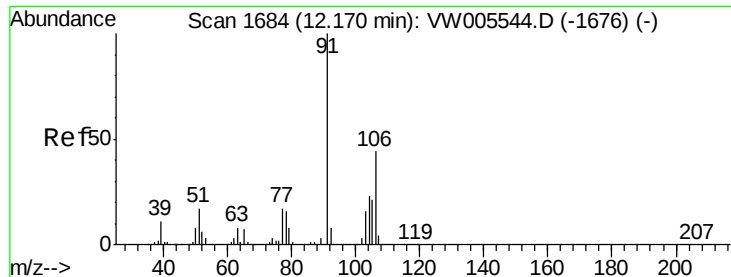
apatel
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#68
m/p-Xylenes
Concen: 68.215 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.4	167.8	251.8





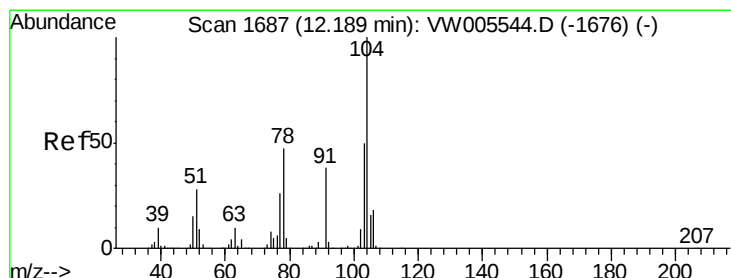
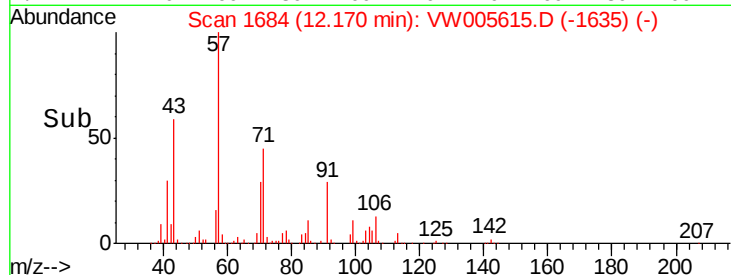
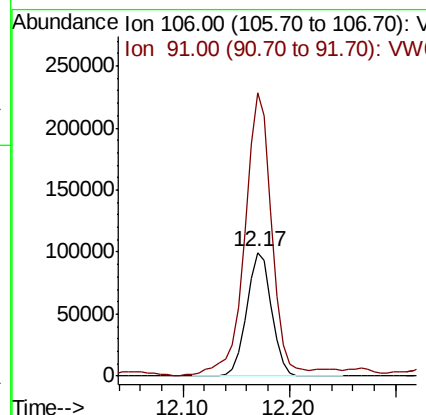
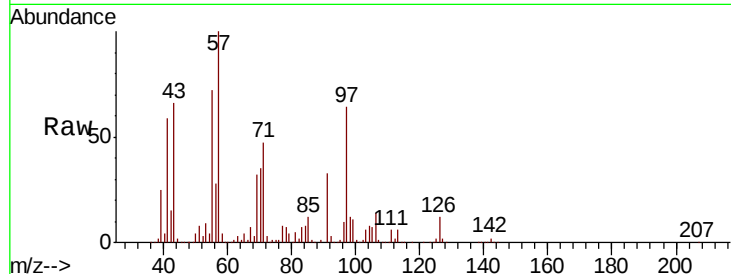
#69
o-Xylene
Concen: 44.977 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	246.2	111.0	333.0

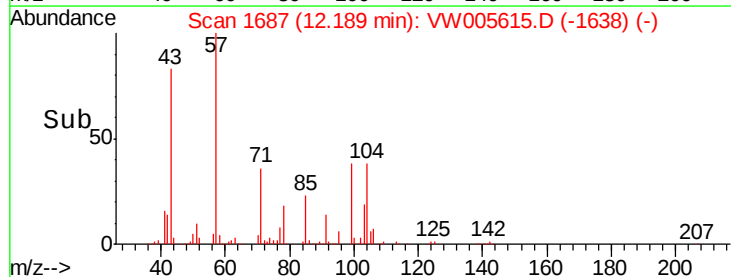
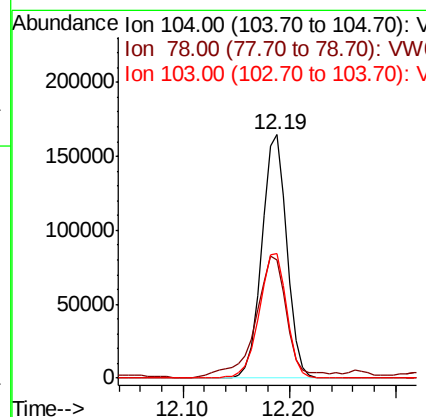
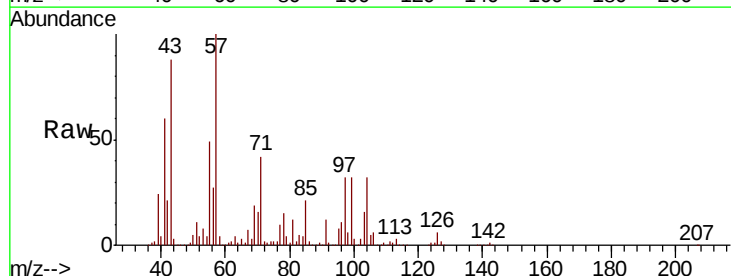
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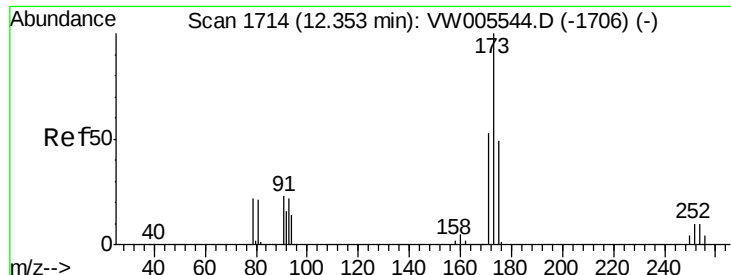
apatel
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#70
Styrene
Concen: 44.613 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	63.0	42.2	63.4
103	56.5	44.6	66.8





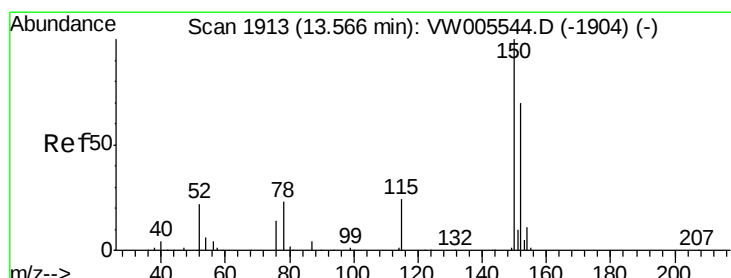
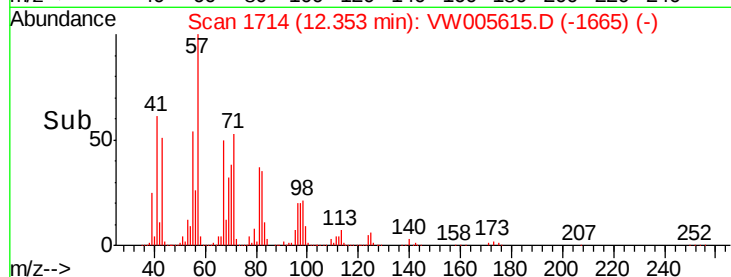
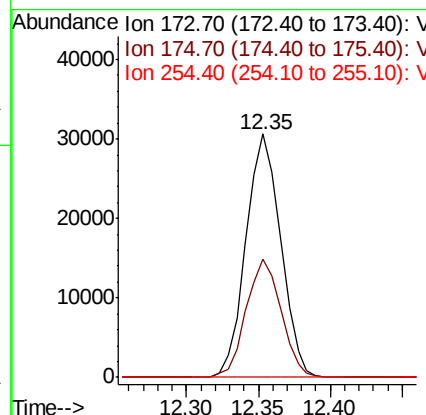
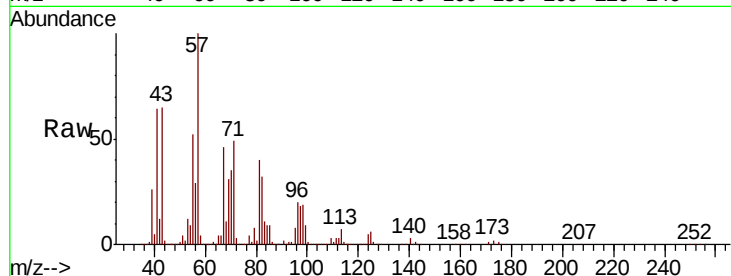
#71
Bromoform
Concen: 46.550 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.0	0.1	0.1#

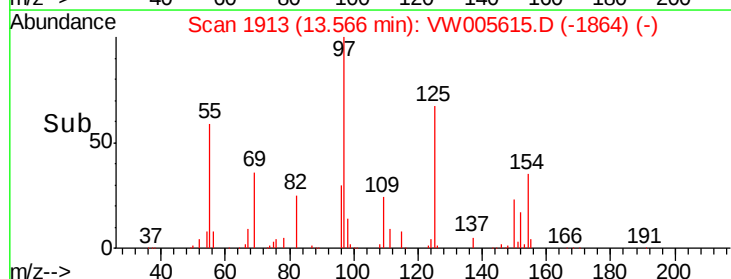
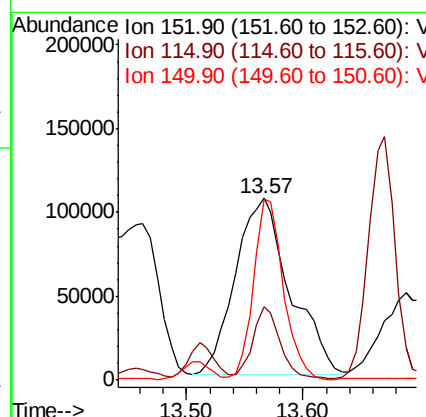
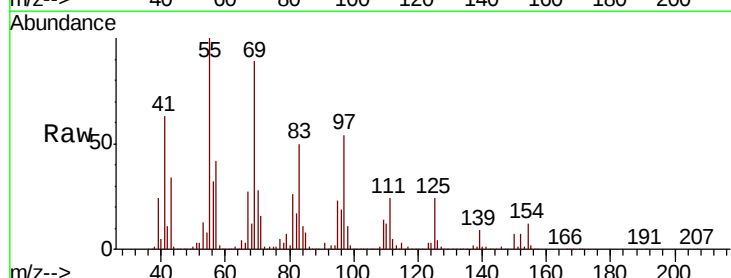
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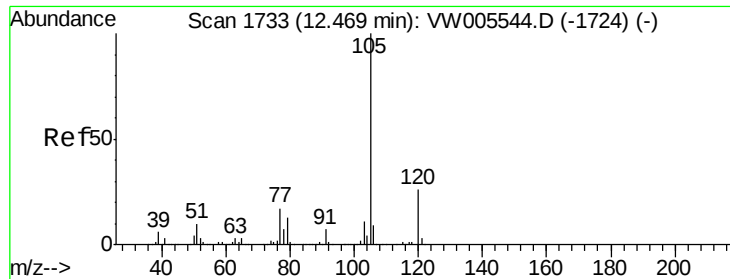
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	19.6	30.0	90.0#
150	55.7	0.0	348.6





#73

Isopropylbenzene

Concen: 11.491 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion:105 Resp: 274248

Ion Ratio Lower Upper

105 100

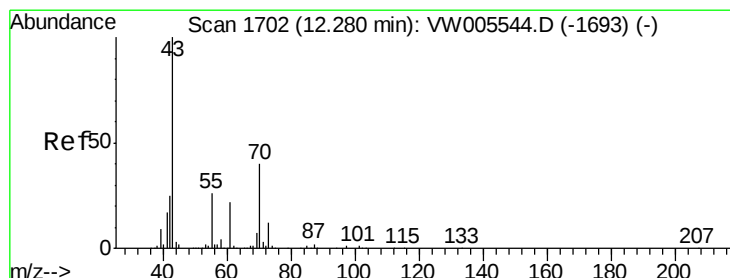
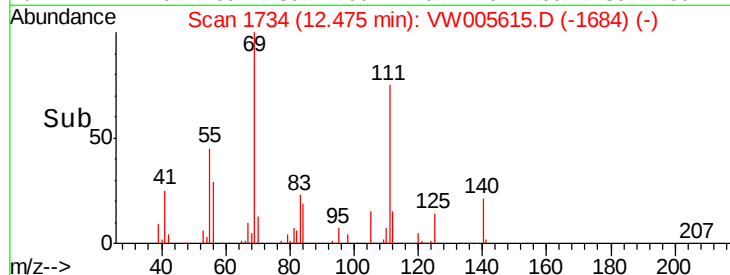
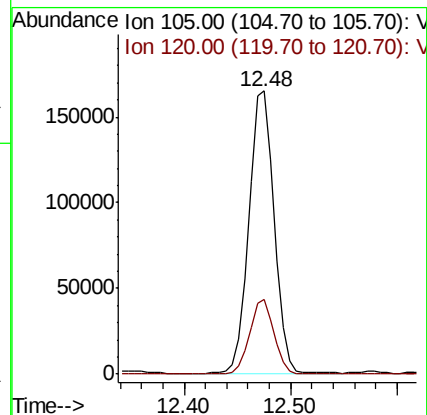
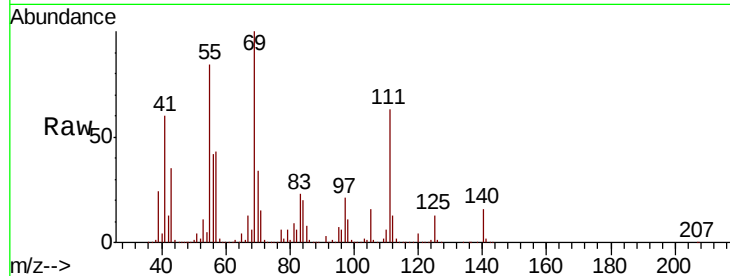
120 25.4 12.9 38.7

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#74

N-ethyl acetate

Concen: 972.211 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion: 43 Resp: 5253987

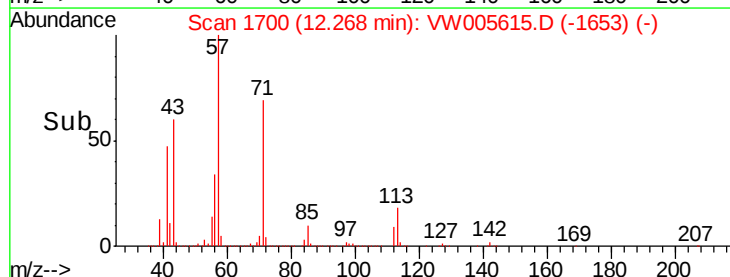
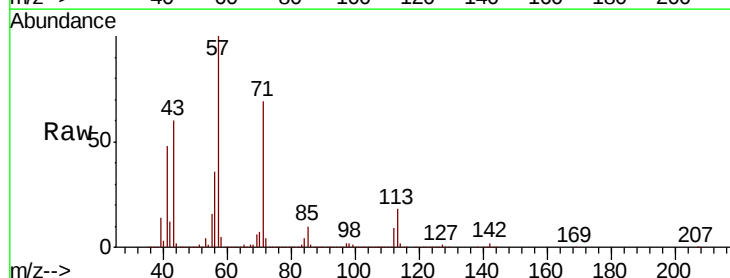
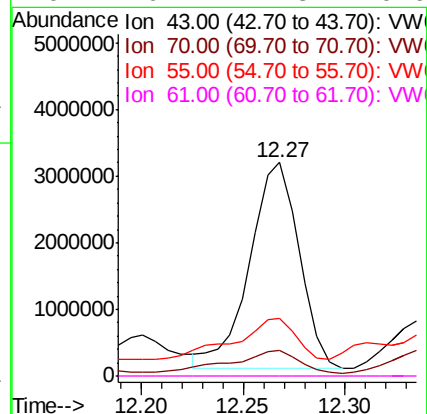
Ion Ratio Lower Upper

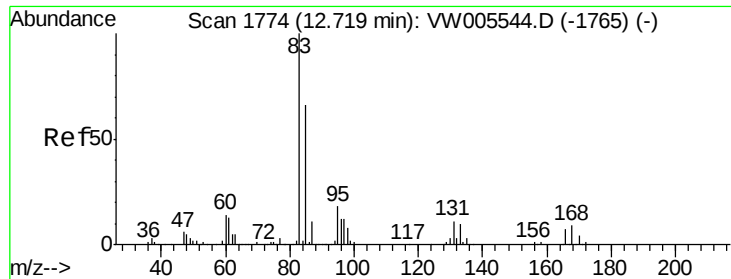
43 100

70 15.3 31.4 47.0#

55 23.2 20.9 31.3

61 0.2 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 156.752 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

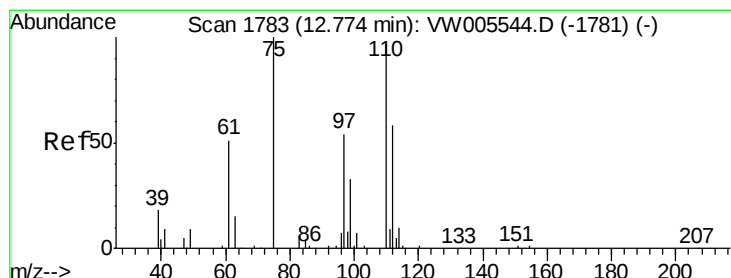
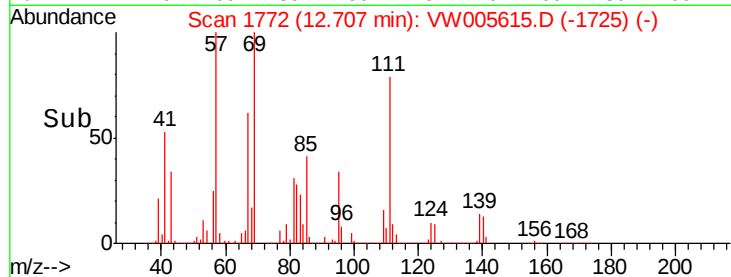
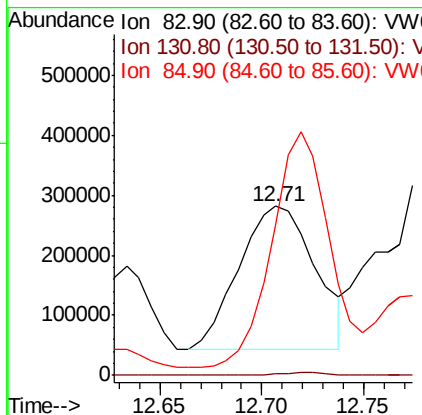
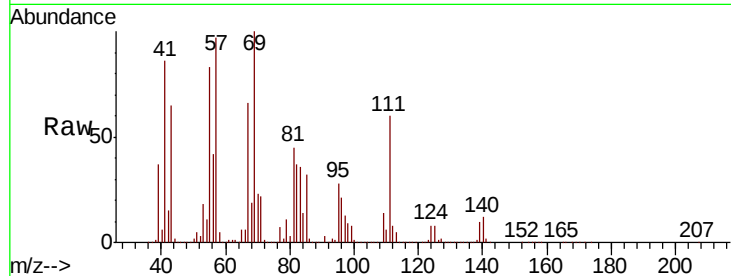
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	83	Resp:	621393
Ion Ratio	Lower	Upper	
83	100		
131	1.4	5.5	16.7#
85	124.8	32.4	97.0#

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#76

1,2,3-Trichloropropane

Concen: 20.338 ug/l m

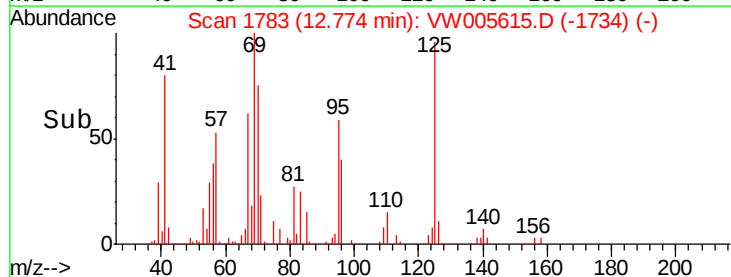
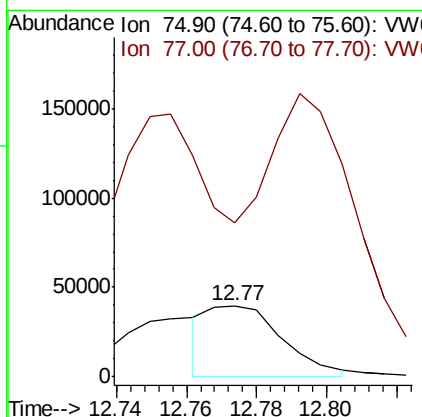
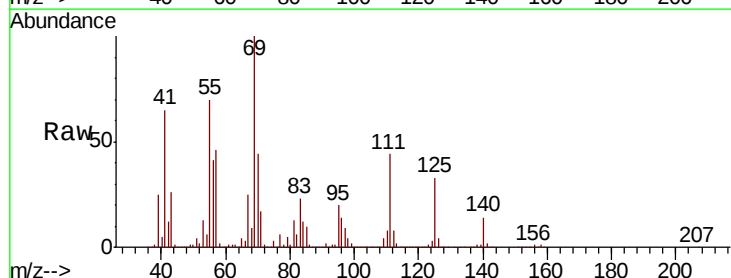
RT: 12.77 min Scan# 1783

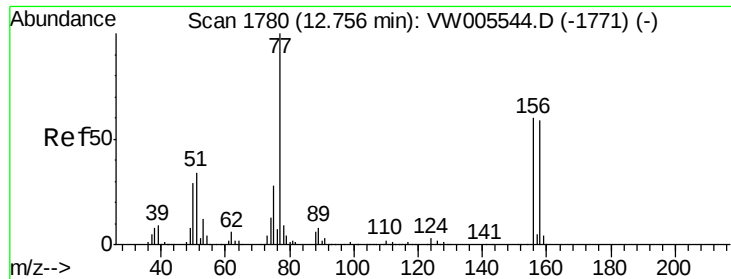
Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	75	Resp:	59665
Ion Ratio	Lower	Upper	
75	100		
77	313.0	0.0	0.0#





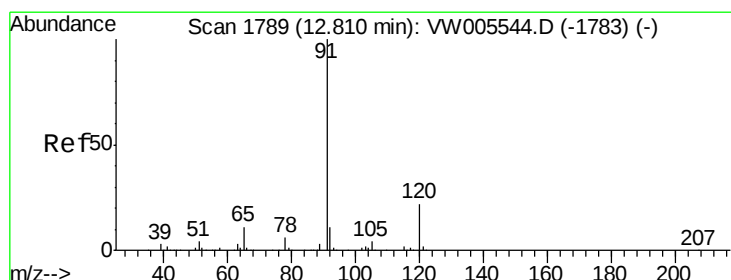
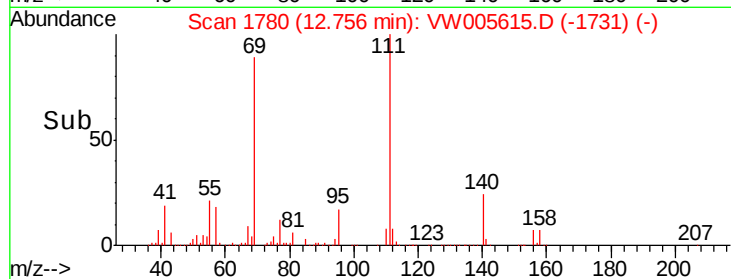
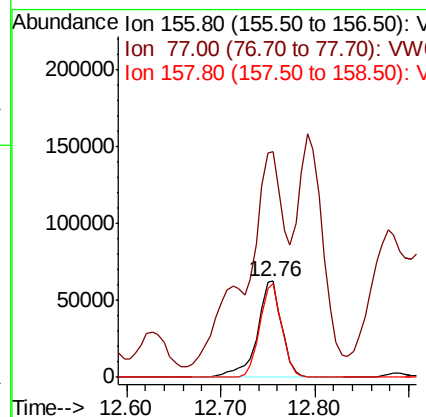
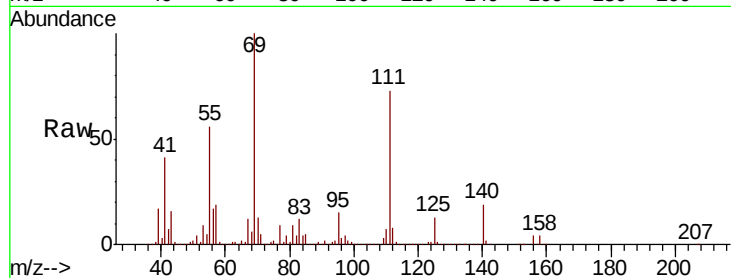
#77
Bromobenzene
Concen: 20.518 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	162.7	94.7	284.1	
158	87.6	48.0	144.2	

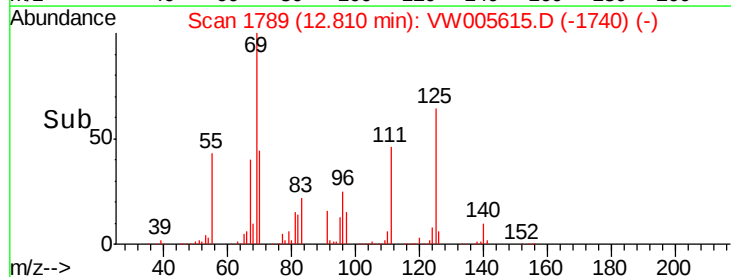
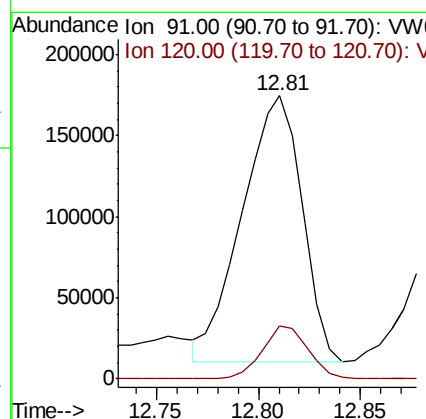
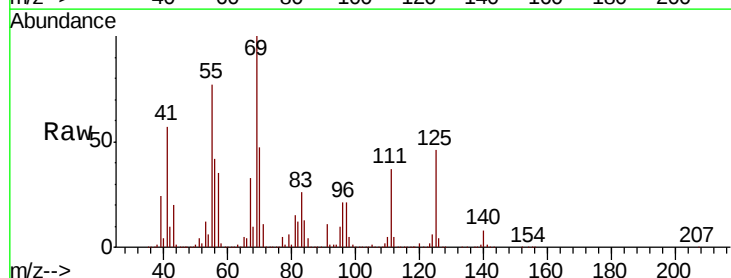
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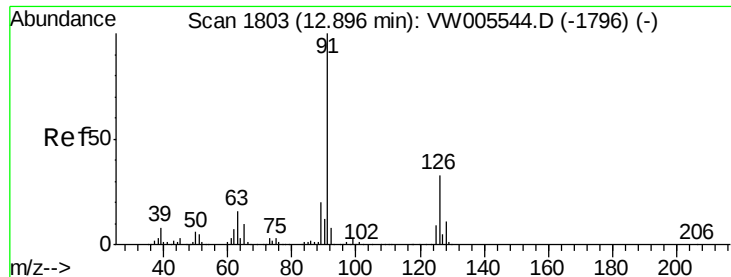
apatel
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#78
n-propylbenzene
Concen: 11.623 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	15.2	11.2	33.5	





#79

2-Chlorotoluene

Concen: 24.010 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tot Ion: 91 Resp: 401378

Ion Ratio Lower Upper

91 100

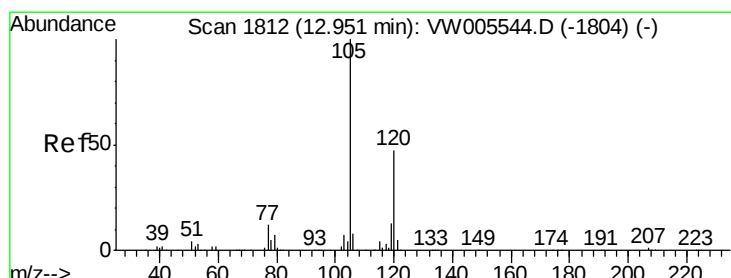
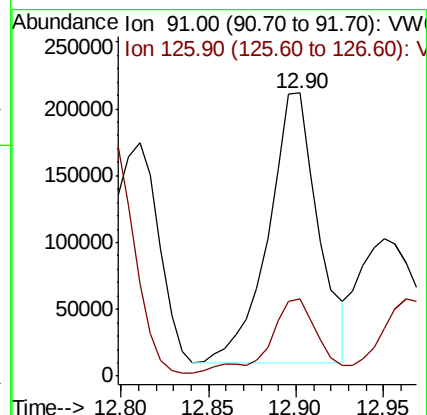
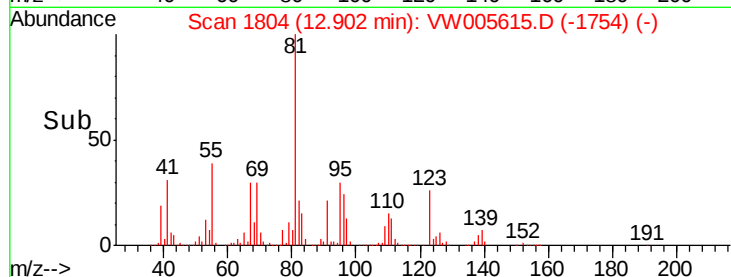
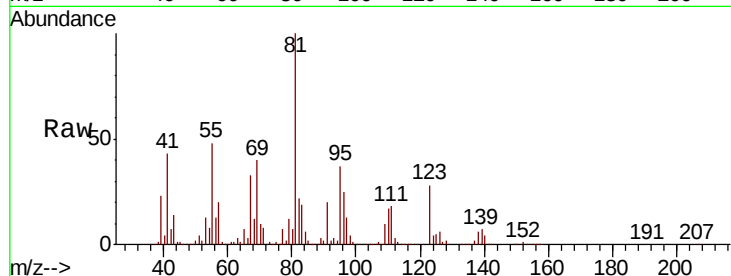
126 26.6 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 17.362 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VW005615.D

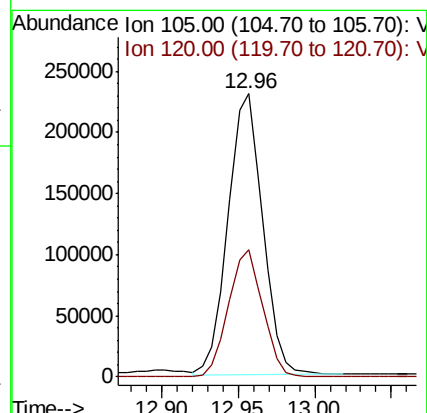
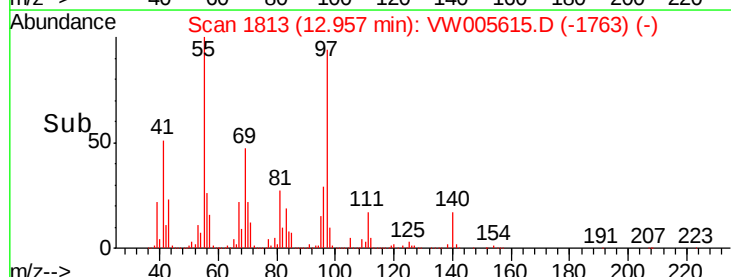
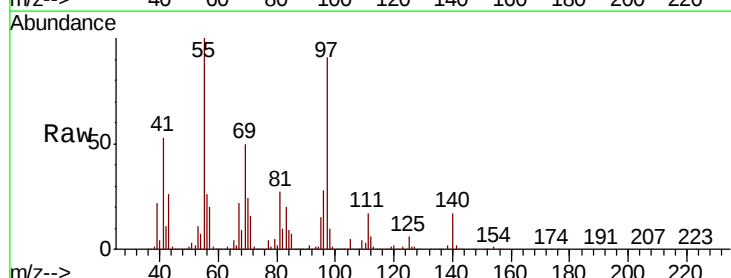
Acq: 25 Sep 2018 17:01

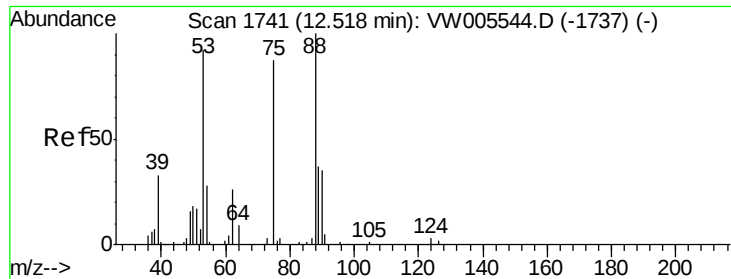
Tgt Ion: 105 Resp: 360299

Ion Ratio Lower Upper

105 100

120 45.0 23.6 70.8





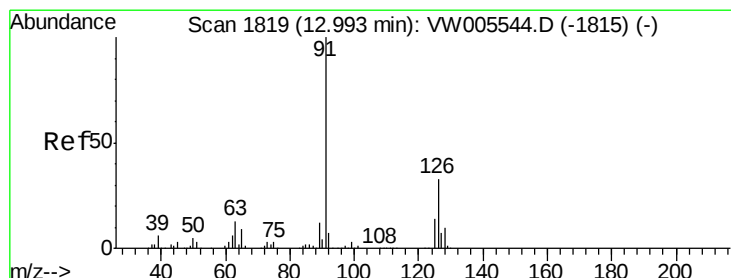
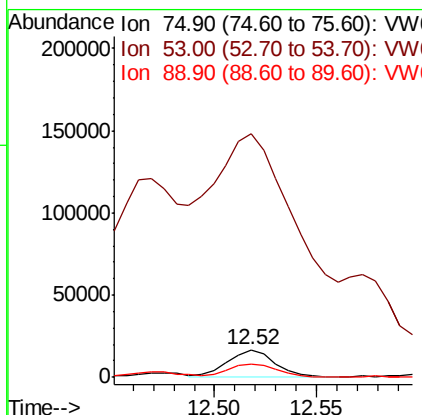
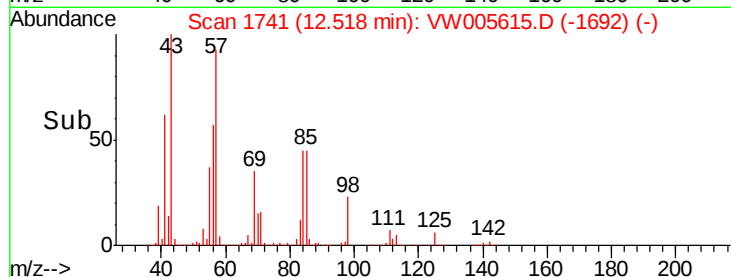
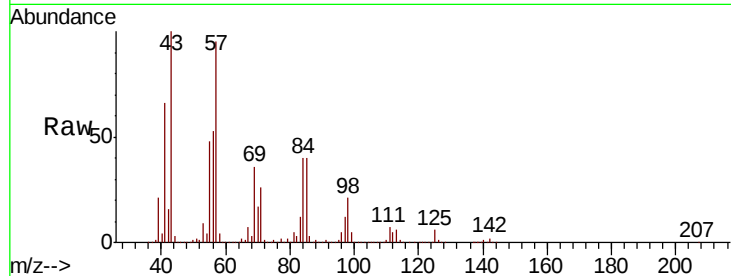
#81
trans-1,4-Dichloro-2-butene
Concen: 19.242 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	790.8	85.8	128.6#
89	47.6	37.3	55.9

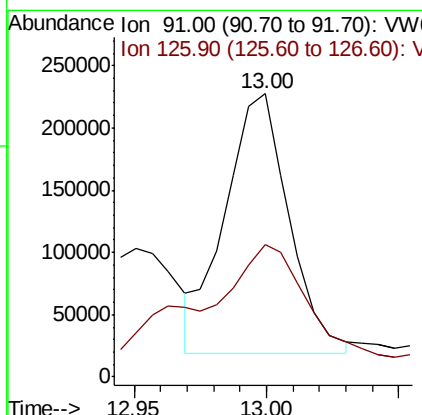
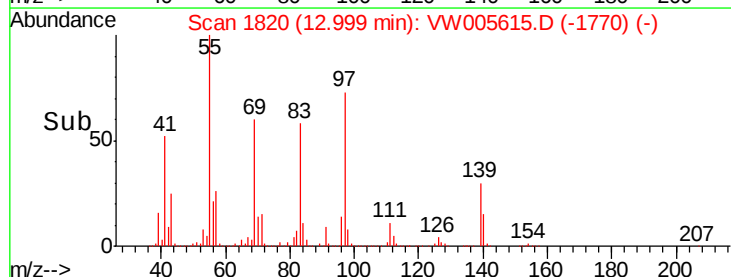
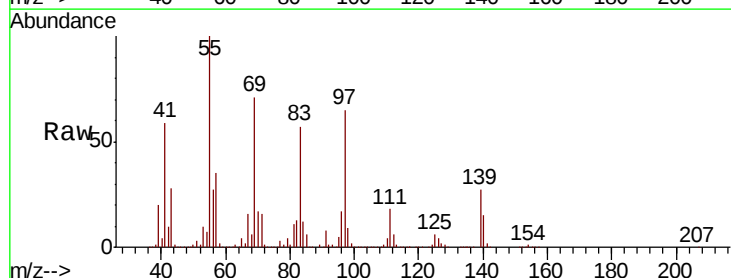
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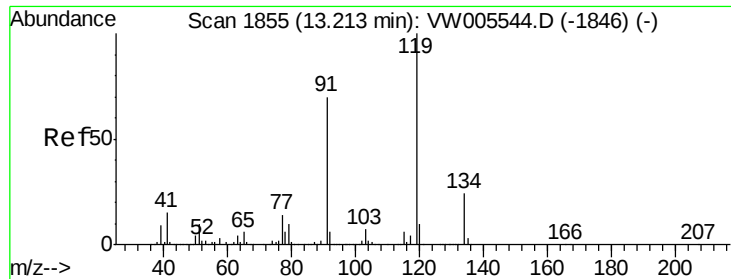
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#82
4-Chlorotoluene
Concen: 19.933 ug/l m
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	16.4	49.4





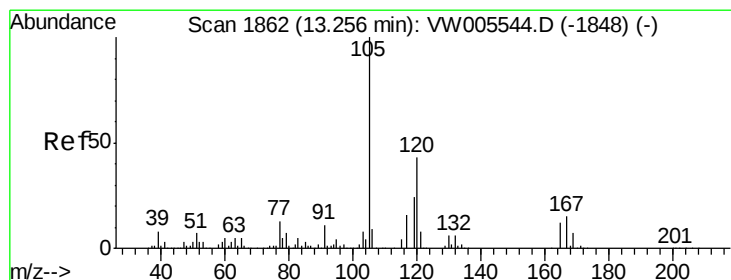
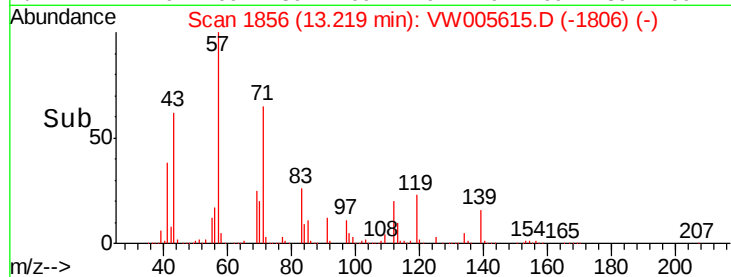
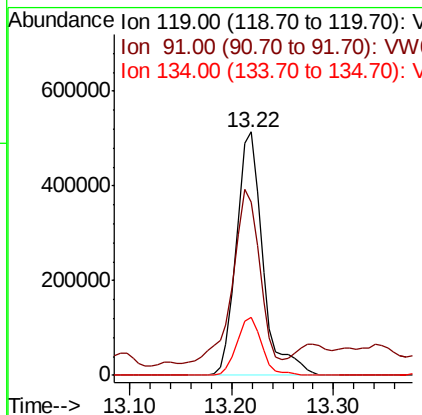
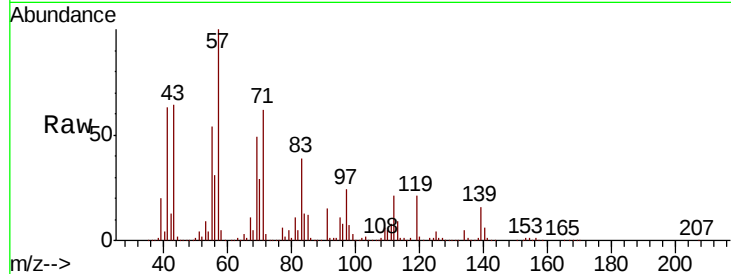
#83
 tert-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.22 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	917938		
91	72.1	34.6	103.8	
134	22.7	12.6	37.6	

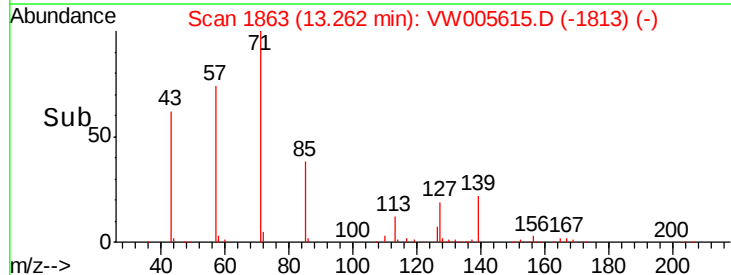
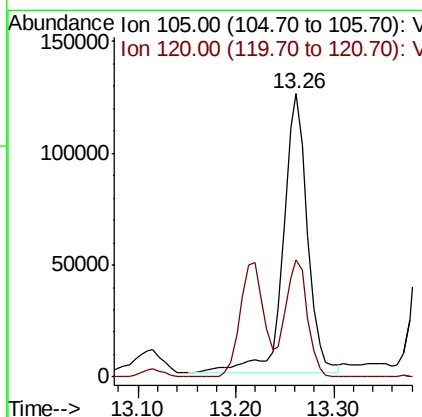
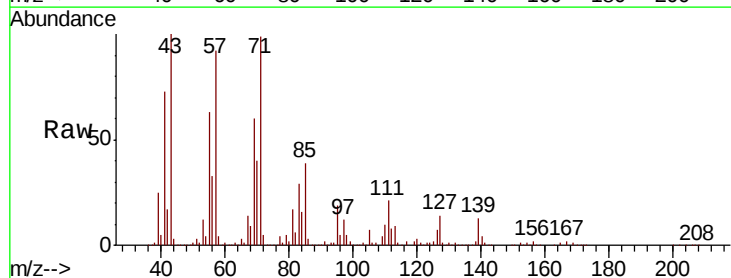
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.337 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216469		
120	38.3	21.5	64.5	





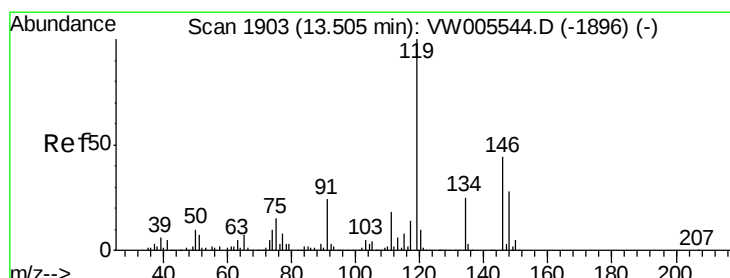
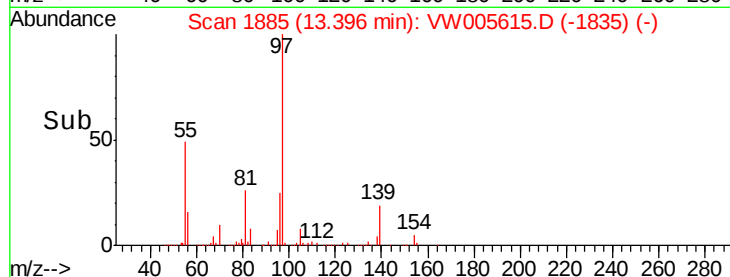
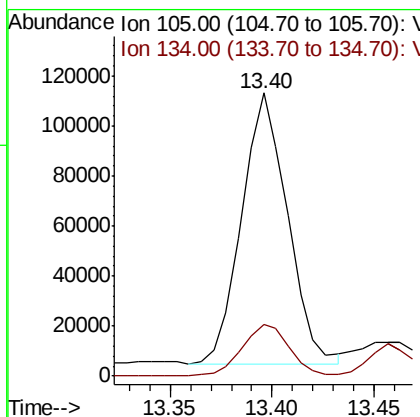
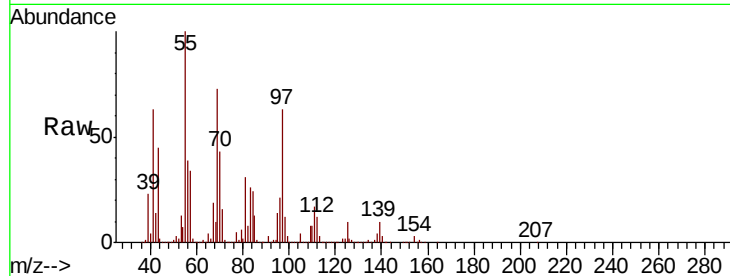
#85
 sec-Butylbenzene
 Concen: 6.704 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.5

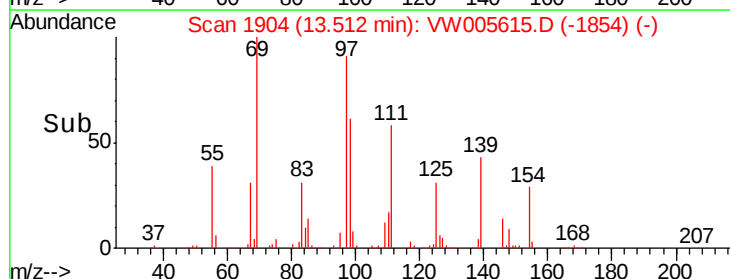
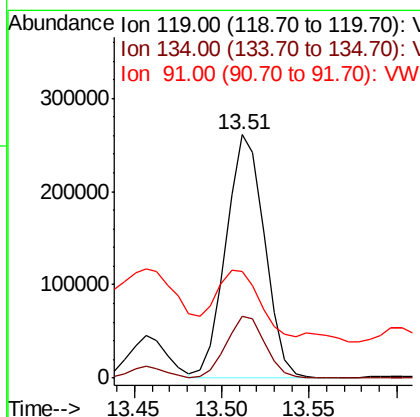
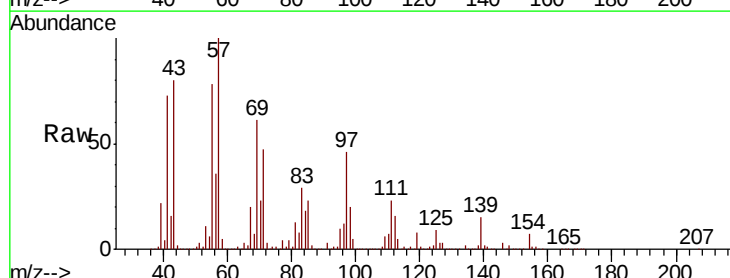
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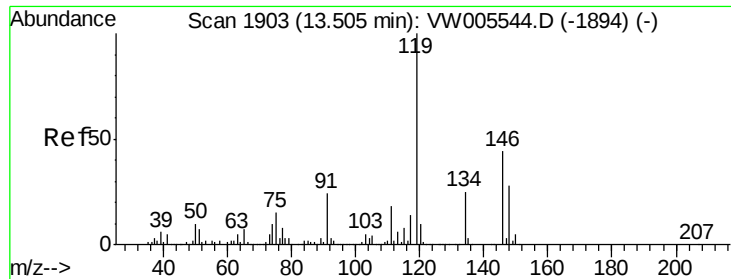
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#86
 p-Isopropyltoluene
 Concen: 17.599 ug/l
 RT: 13.51 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	30.7	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 15.273 ug/l

RT: 13.51 min Scan# 1904

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

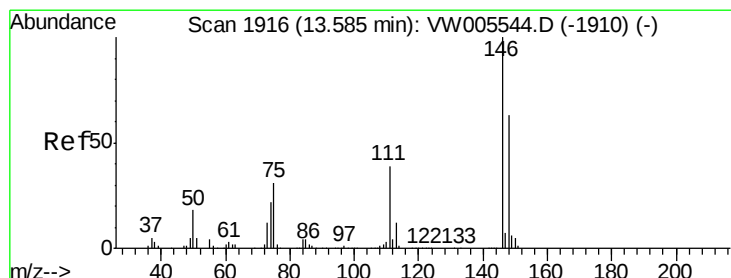
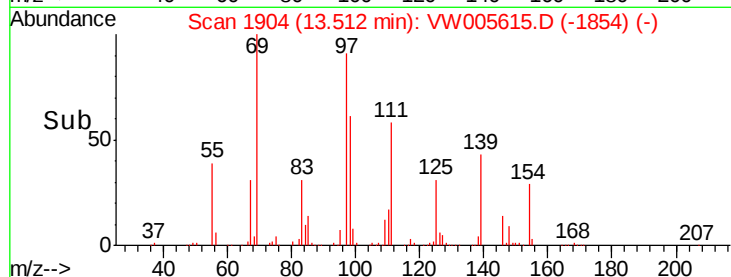
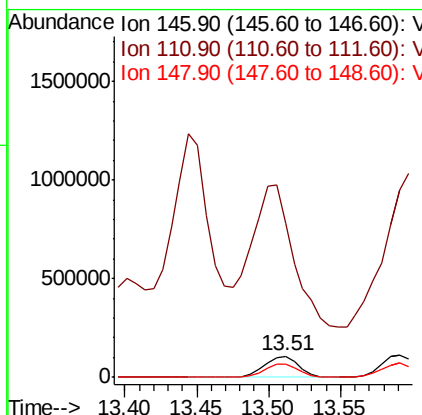
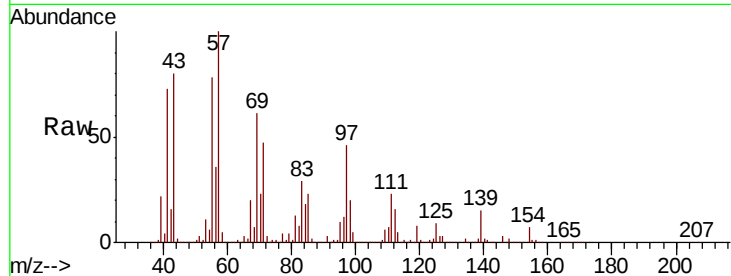
ClientSampleId :

EP1-Q1-G3MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	174692		
111	812.6	20.3	60.9#	
148	64.2	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 15.923 ug/l

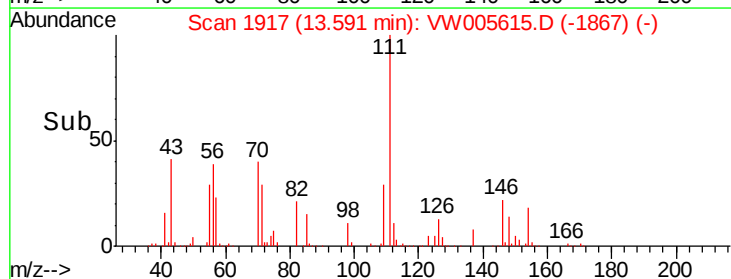
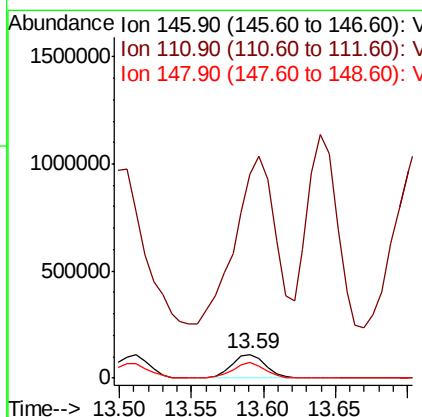
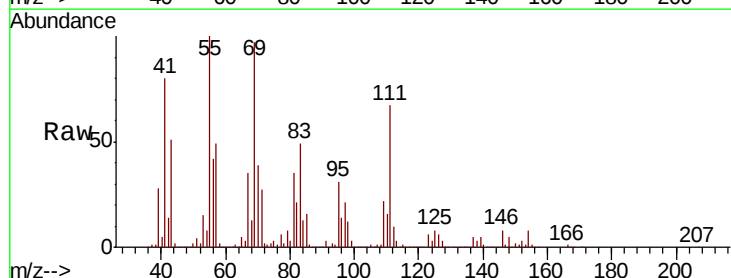
RT: 13.59 min Scan# 1917

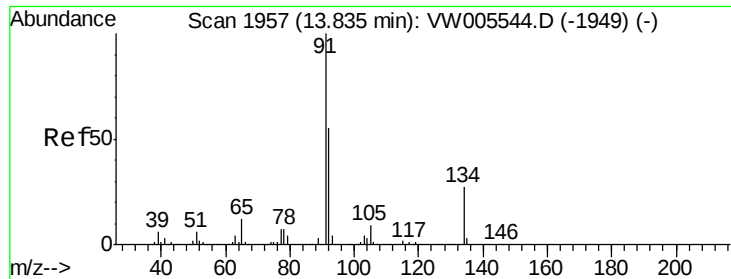
Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181132		
111	815.5	19.9	59.7#	
148	63.4	32.1	96.3	





#89

n-Butylbenzene

Concen: 6.271 ug/l m

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

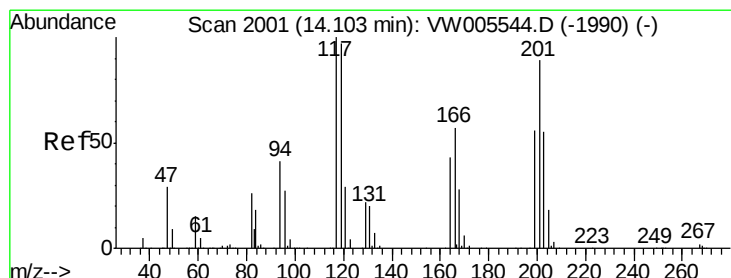
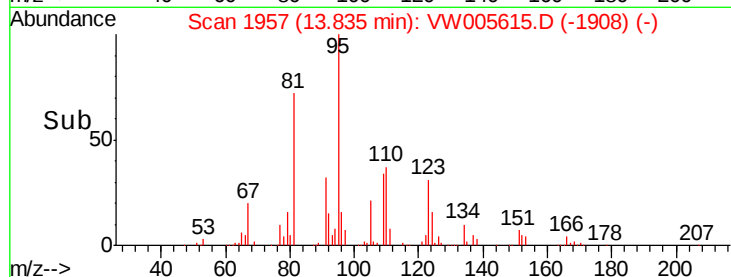
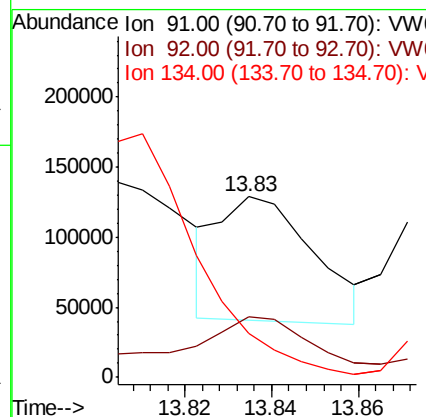
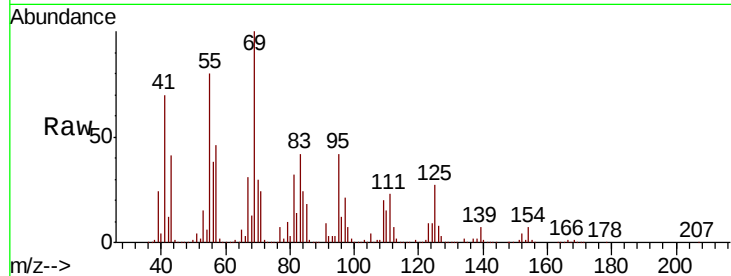
ClientSampleId :

EP1-Q1-G3MS

Tot Ion:	91	Resp:	134059
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.5	79.5#
134	246.9	12.9	38.7#

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#90

Hexachloroethane

Concen: 261.340 ug/l

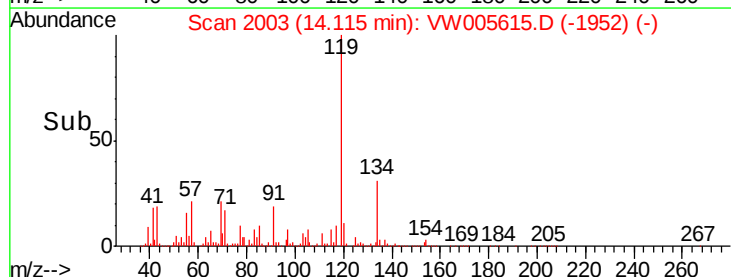
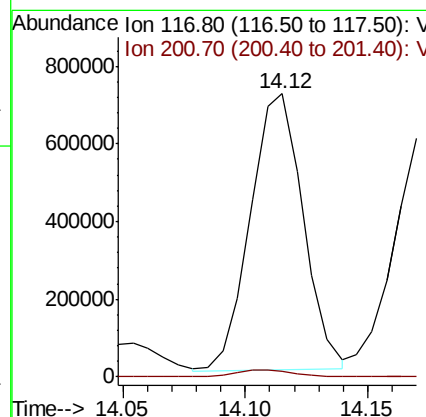
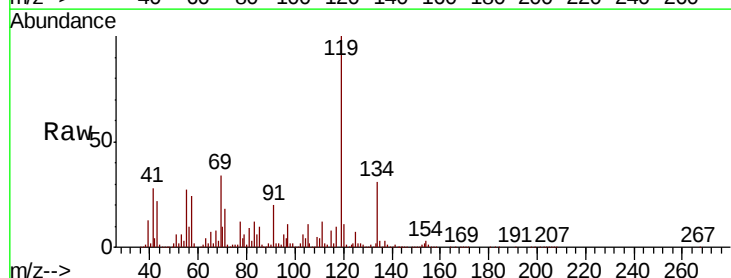
RT: 14.12 min Scan# 2003

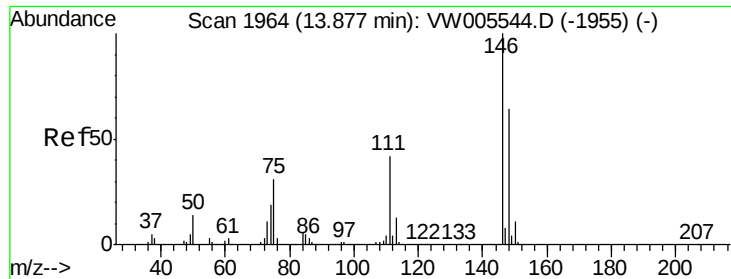
Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion:	117	Resp:	1073544
Ion Ratio	Lower	Upper	
117	100		
201	3.0	42.8	128.3#





#91

1,2-Dichlorobenzene

Concen: 16.209 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

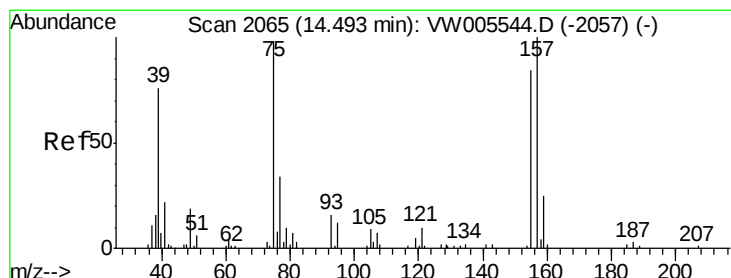
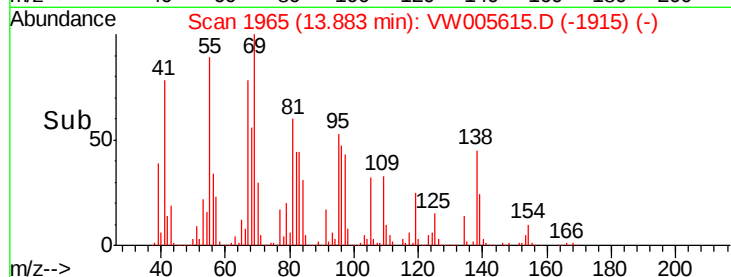
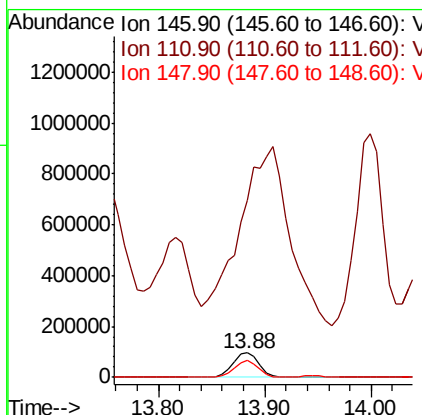
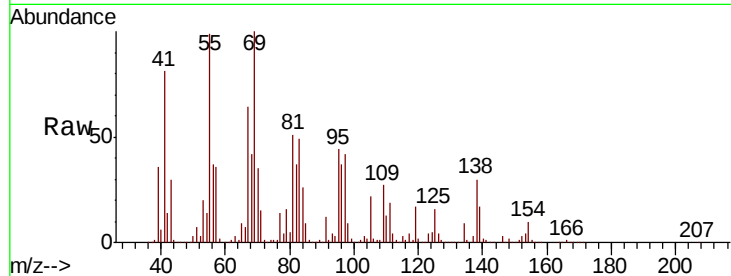
ClientSampled :

EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	63.9#
148	65.1	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.352 ug/l

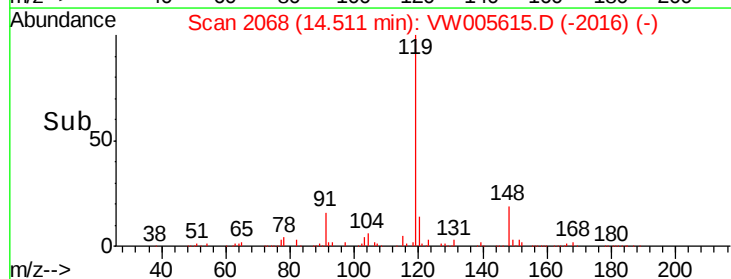
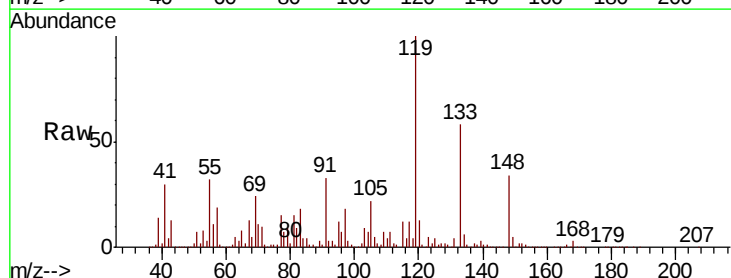
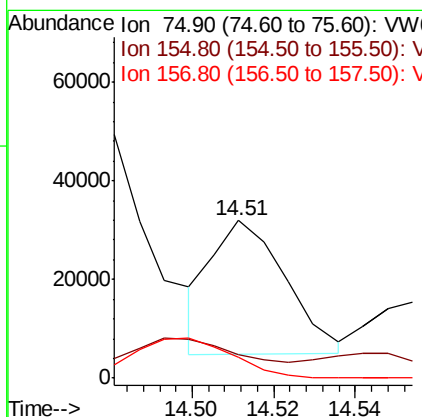
RT: 14.51 min Scan# 2068

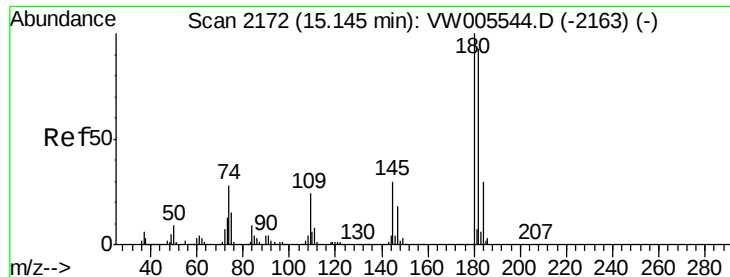
Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	29.8	39.1	117.5#
157	41.1	50.8	152.4#





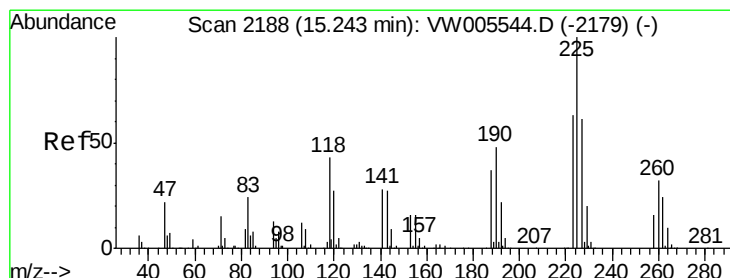
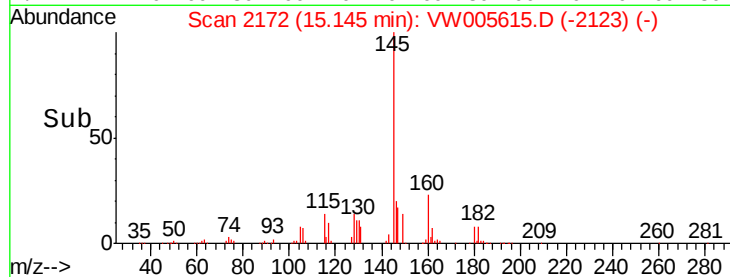
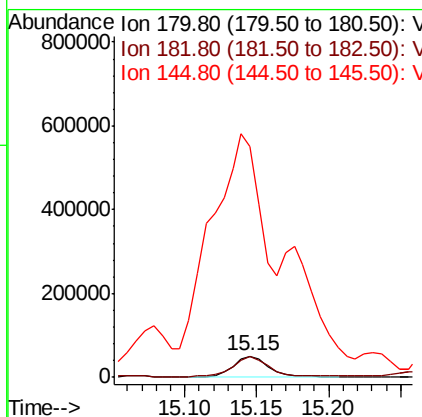
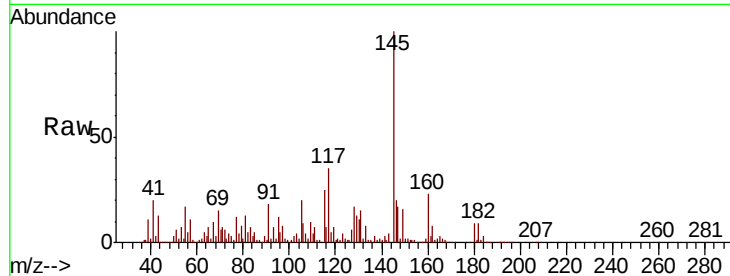
#93
 1,2,4-Trichlorobenzene
 Concen: 11.273 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	1531.4	15.0	45.1

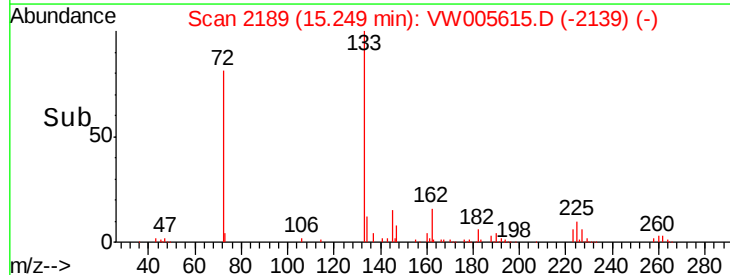
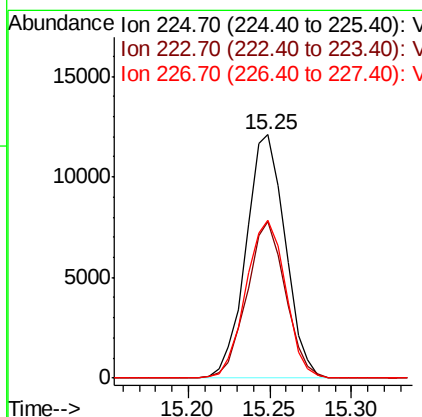
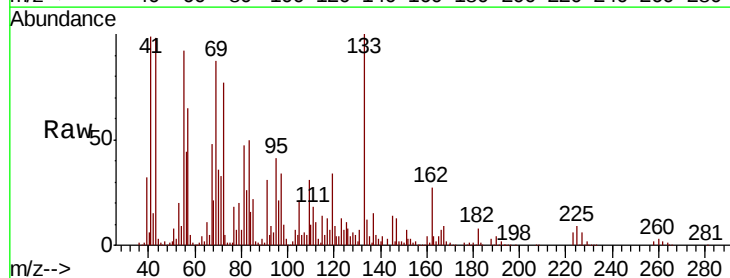
Manual Integrations
 APPROVED

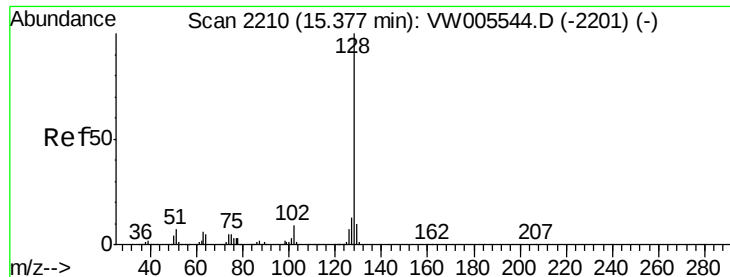
apatel
 9/26/2018 2:05:05 PM



#94
 Hexachlorobutadiene
 Concen: 4.343 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.3
227	65.5	31.8	95.3





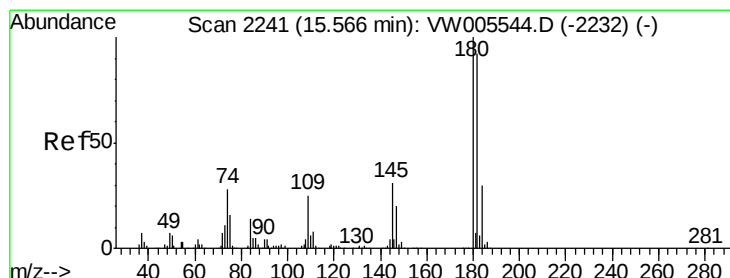
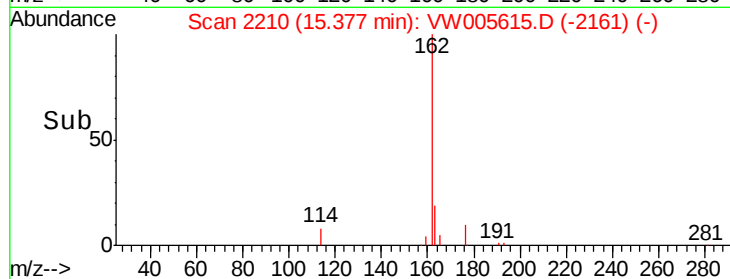
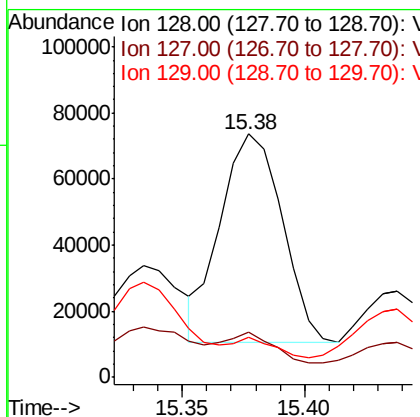
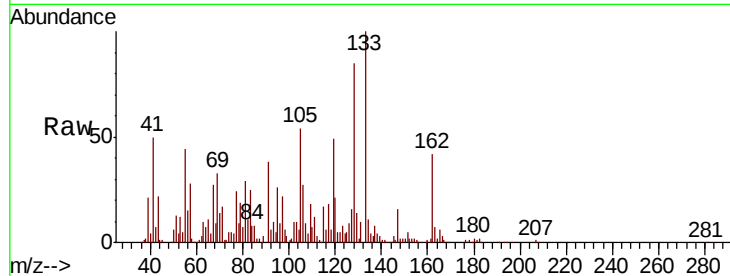
#95
Naphthalene
Concen: 9.069 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.9	16.3#
129	0.0	8.6	13.0#

Manual Integrations
APPROVED

apatel
9/26/2018 2:05:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 11.535 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.3	141.9
145	562.7	16.0	47.9#

