

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005240.D
 Acq On : 10 Sep 2018 14:32
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:16 AM

Quant Time: Sep 11 03:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	472699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	676848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	33698	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
35) Dibromofluoromethane	7.89	113	31952	9.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.02%	
50) Toluene-d8	10.33	98	170700	9.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.06%	
62) 4-Bromofluorobenzene	12.63	95	62011	9.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48998	12.02	ug/l	100
3) Chloromethane	2.22	50	63075	11.57	ug/l	94
4) Vinyl Chloride	2.36	62	56211	11.23	ug/l	97
5) Bromomethane	2.76	94	41262	12.12	ug/l	98
6) Chloroethane	2.92	64	31363	11.38	ug/l	95
7) Trichlorofluoromethane	3.26	101	63108	11.15	ug/l	92
8) Diethyl Ether	3.69	74	21577	10.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44863	11.09	ug/l	99
10) Methyl Iodide	4.28	142	40828	9.17	ug/l	98
11) Tert butyl alcohol	5.17	59	15961	55.20	ug/l	97
12) 1,1-Dichloroethene	4.04	96	39915	10.72	ug/l	96
13) Acrolein	3.90	56	14322	51.28	ug/l	98
14) Allyl chloride	4.68	41	59848	10.46	ug/l	100
15) Acrylonitrile	5.37	53	47761	52.47	ug/l	100
16) Acetone	4.13	43	36325	55.51	ug/l	94
17) Carbon Disulfide	4.39	76	137657	10.53	ug/l	99
18) Methyl Acetate	4.68	43	20502	10.49	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	89272	10.07	ug/l	100
20) Methylene Chloride	4.92	84	66394	11.97	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46434	10.68	ug/l	94
22) Diisopropyl ether	6.32	45	117371	10.19	ug/l #	91
23) Vinyl Acetate	6.26	43	319312	49.74	ug/l	99
24) 1,1-Dichloroethane	6.22	63	73748	10.40	ug/l	100
25) 2-Butanone	7.18	43	53450	51.78	ug/l	94
26) 2,2-Dichloropropane	7.18	77	68240	11.10	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	48061	10.33	ug/l	99
28) Bromochloromethane	7.52	49	24193	9.25	ug/l	99
29) Tetrahydrofuran	7.53	42	34712	49.90	ug/l	99
30) Chloroform	7.69	83	73804	10.37	ug/l	98
31) Cyclohexane	7.96	56	80979	10.73	ug/l #	88
32) 1,1,1-Trichloroethane	7.88	97	69789	10.86	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65646	10.59	ug/l	98
37) Ethyl Acetate	7.26	43	24472	10.38	ug/l	98
38) Carbon Tetrachloride	8.07	117	61925	10.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83490	10.14	ug/l	97
40) Benzene	8.33	78	190700	10.44	ug/l	99
41) Methacrylonitrile	7.49	41	11803	9.75	ug/l #	86
42) 1,2-Dichloroethane	8.41	62	45737	10.46	ug/l	99
43) Isopropyl Acetate	8.43	43	44602	10.18	ug/l	98
44) Trichloroethene	9.10	130	52252	10.43	ug/l	100
45) 1,2-Dichloropropane	9.38	63	46506	10.59	ug/l	95
46) Dibromomethane	9.46	93	22293	10.37	ug/l	99
47) Bromodichloromethane	9.65	83	55187	10.50	ug/l	96
48) Methyl methacrylate	9.44	41	21087	9.27	ug/l	92
49) 1,4-Dioxane	9.45	88	8832	220.08	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	126793	51.44	ug/l	99
52) Toluene	10.40	92	143069	10.78	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57593	10.14	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	69563	10.22	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37507	10.94	ug/l	97
56) Ethyl methacrylate	10.65	69	42755	9.84	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59733	10.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86712	45.92	ug/l	99
59) 2-Hexanone	10.98	43	92797	52.22	ug/l	96
60) Dibromochloromethane	11.13	129	39317	10.34	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33473	10.65	ug/l	100
64) Tetrachloroethene	10.87	164	54760	10.83	ug/l	99
65) Chlorobenzene	11.66	112	160159	10.73	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	45762	10.27	ug/l	100
67) Ethyl Benzene	11.74	91	270425	10.40	ug/l	99
68) m/p-Xylenes	11.85	106	219957	21.00	ug/l	99
69) o-Xylene	12.18	106	101170	10.38	ug/l	100
70) Styrene	12.19	104	161283	10.14	ug/l	99
71) Bromoform	12.35	173	24768	10.25	ug/l #	97
73) Isopropylbenzene	12.47	105	270335	10.45	ug/l	99
74) N-amyl acetate	12.28	43	50074	10.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41966	10.79	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28999m	6.10	ug/l	
77) Bromobenzene	12.76	156	65052	10.67	ug/l	99
78) n-propylbenzene	12.81	91	326634	10.51	ug/l	99
79) 2-Chlorotoluene	12.90	91	190528	10.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229863	10.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12449	10.37	ug/l	99
82) 4-Chlorotoluene	12.99	91	196110	10.47	ug/l	99
83) tert-Butylbenzene	13.21	119	205036	10.64	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	225620	10.19	ug/l	100
85) sec-Butylbenzene	13.39	105	288401	10.41	ug/l	99
86) p-Isopropyltoluene	13.51	119	249635	10.18	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137709	10.76	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135653	10.79	ug/l	99
89) n-Butylbenzene	13.83	91	226095	9.81	ug/l	98
90) Hexachloroethane	14.10	117	40873	10.41	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	121031	10.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6976	10.79	ug/l	97

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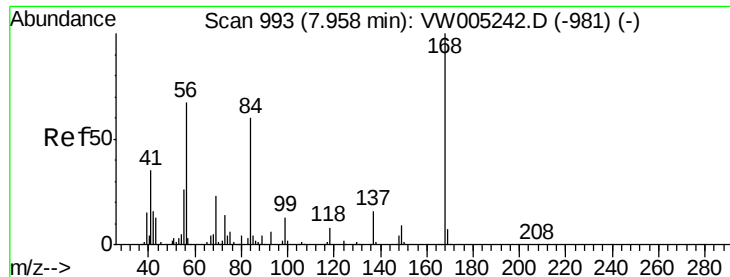
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80751	10.15	ug/l	98
94) Hexachlorobutadiene	15.25	225	54691	10.73	ug/l	99
95) Naphthalene	15.38	128	123890	9.60	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	70312	10.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 472699

Ion Ratio Lower Upper

168 100

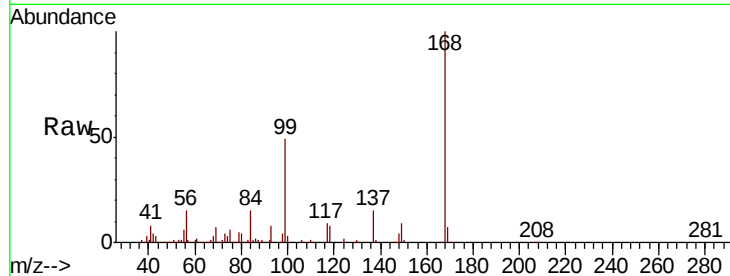
99 48.5 39.1 58.7

Manual Integrations

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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

250000

200000

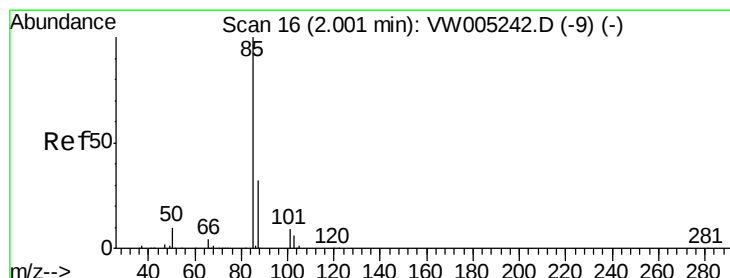
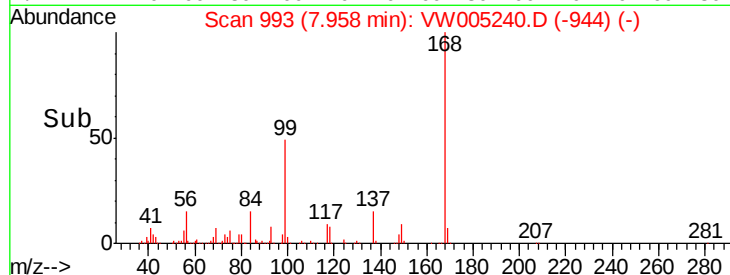
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 12.02 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005240.D

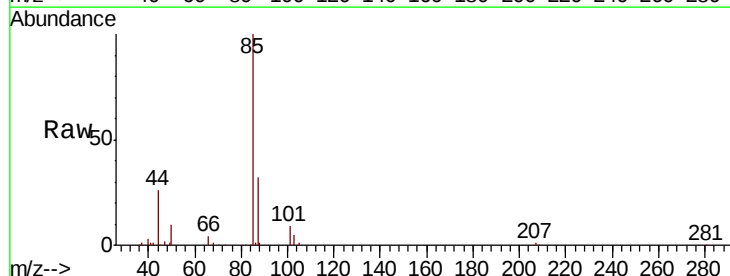
Acq: 10 Sep 2018 14:32

Tgt Ion: 85 Resp: 48998

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

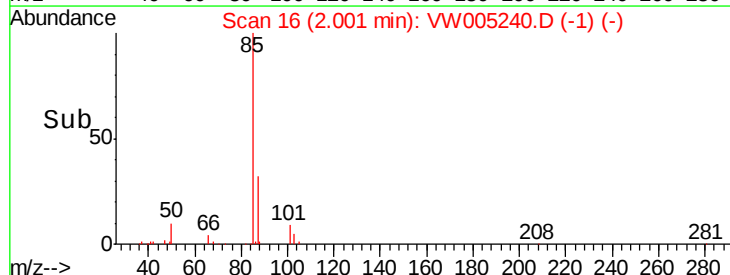
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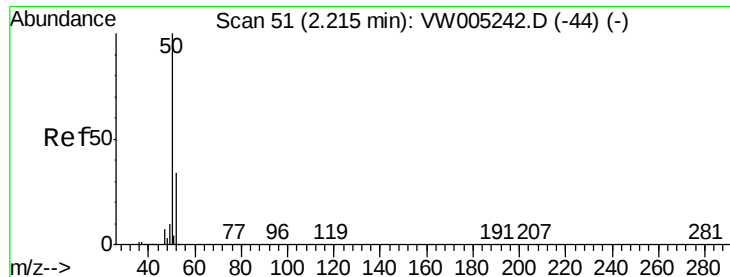
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 11.57 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 63075

Ion Ratio Lower Upper

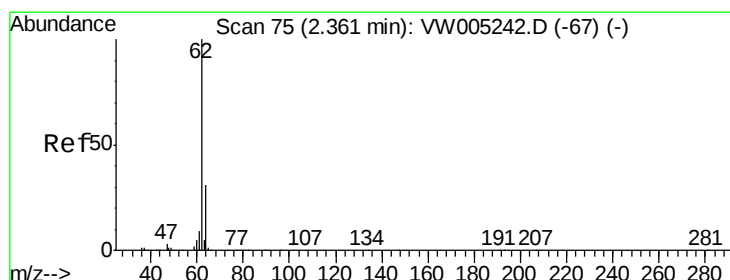
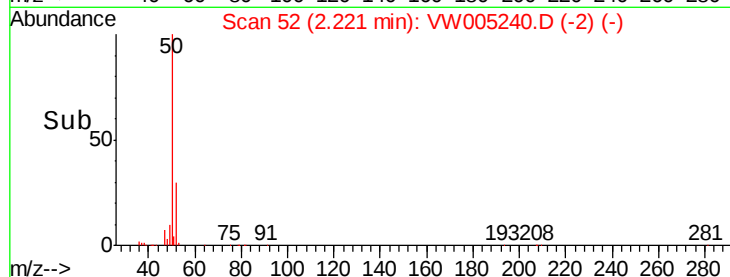
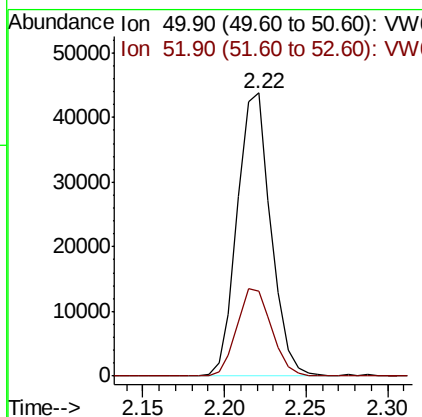
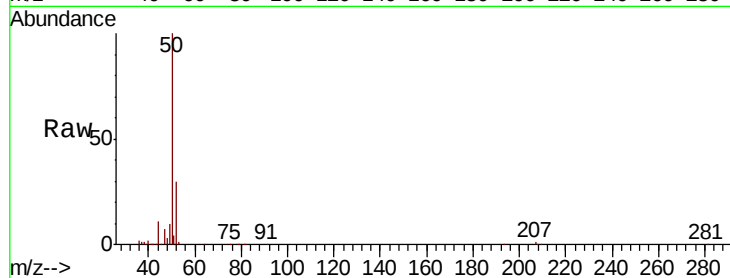
50 100

52 30.2 27.0 40.4

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#4

Vinyl Chloride

Concen: 11.23 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005240.D

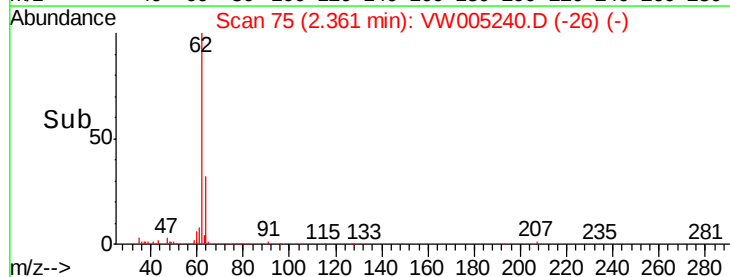
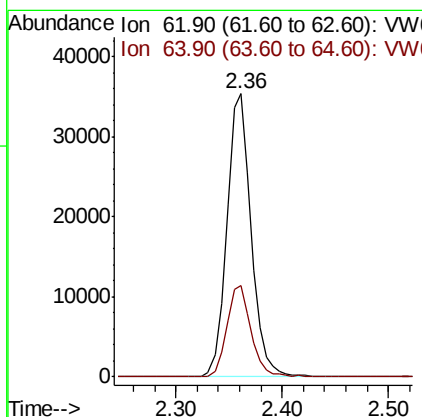
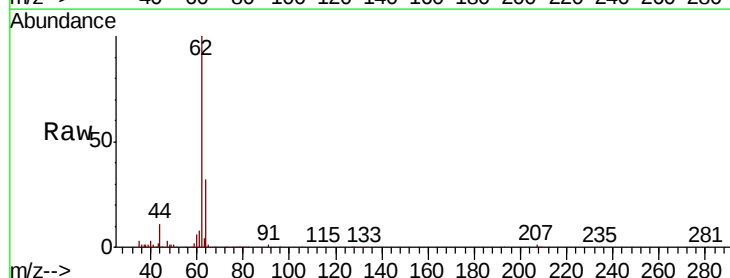
Acq: 10 Sep 2018 14:32

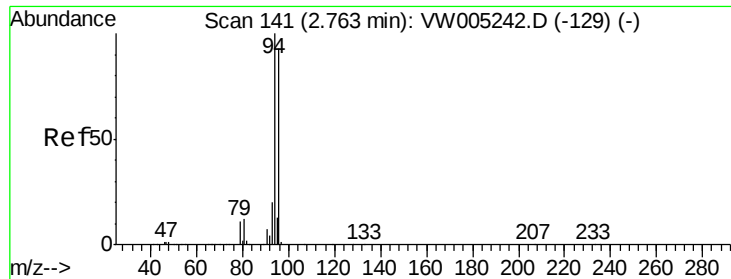
Tgt Ion: 62 Resp: 56211

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 12.12 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 94 Resp: 41262

Ion Ratio Lower Upper

94 100

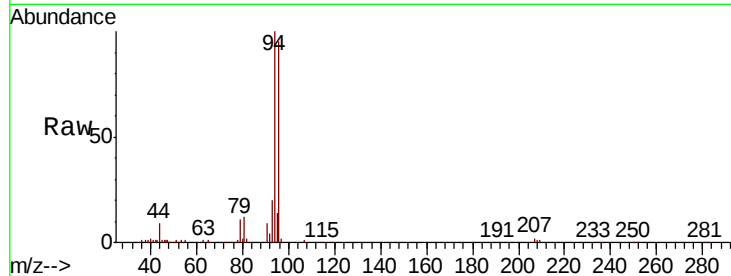
96 94.6 74.1 111.1

Manual Integrations

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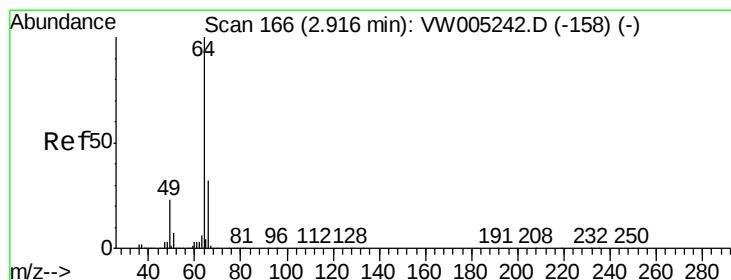
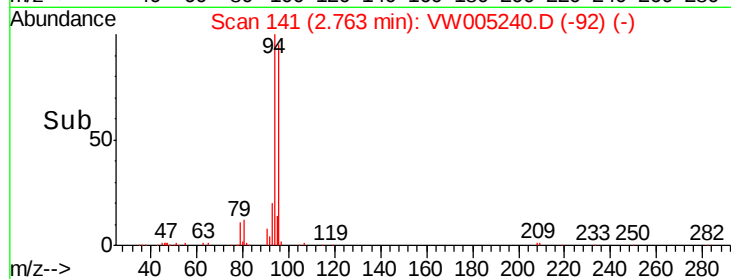
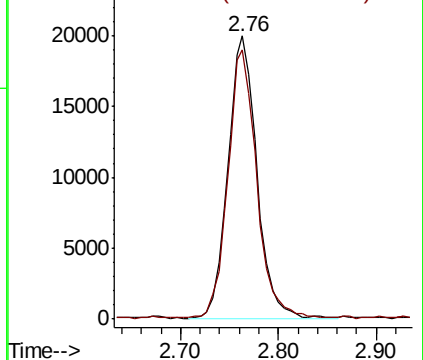
apatel

9/11/2018 11:09:16 AM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 11.38 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW005240.D

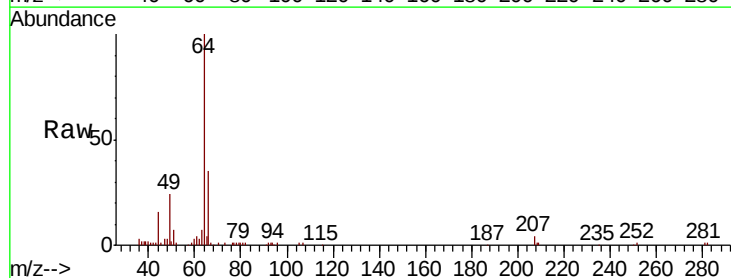
Acq: 10 Sep 2018 14:32

Tgt Ion: 64 Resp: 31363

Ion Ratio Lower Upper

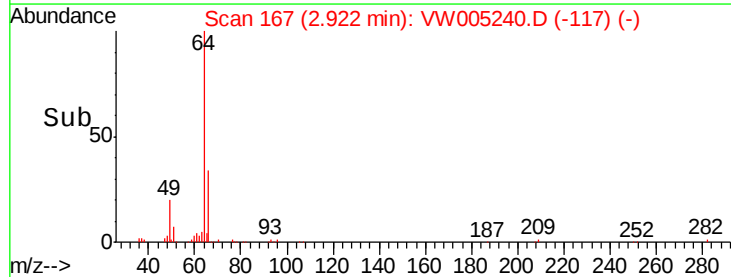
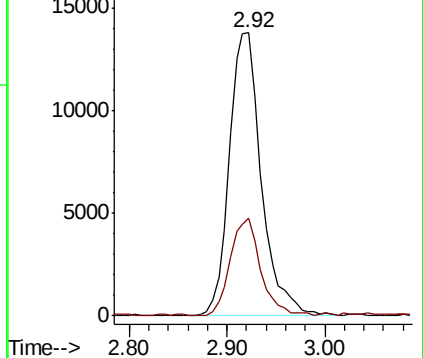
64 100

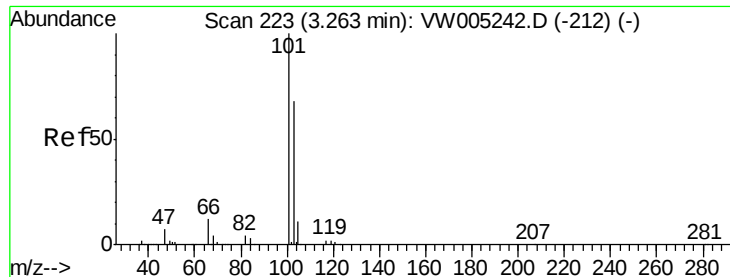
66 34.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

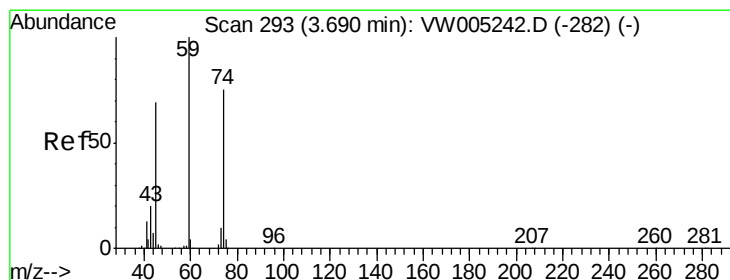
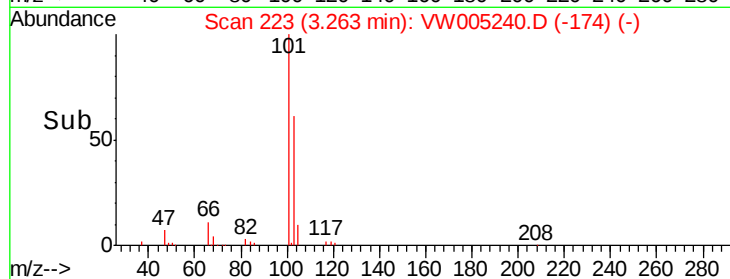
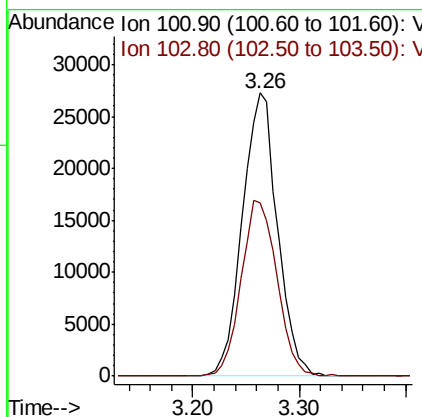
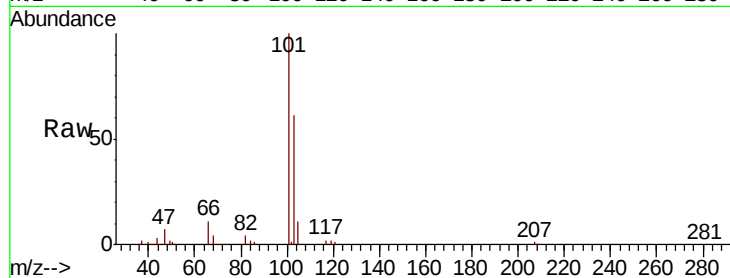
Trichlorofluoromethane
 Concen: 11.15 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

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 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	54.1	81.1

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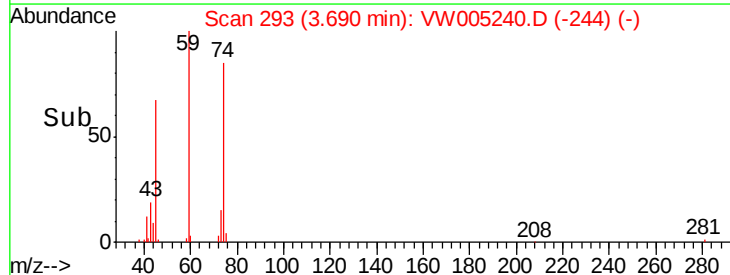
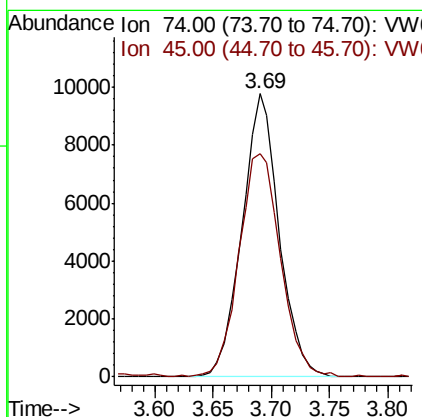
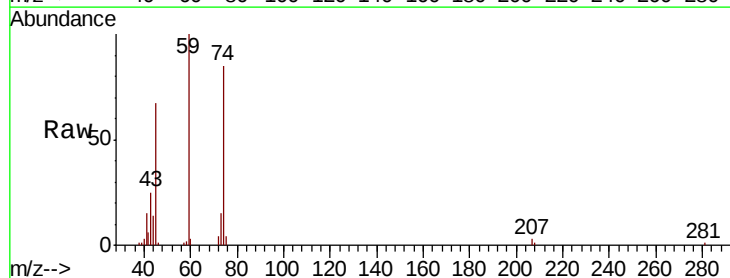
apatel
 9/11/2018 11:09:16 AM

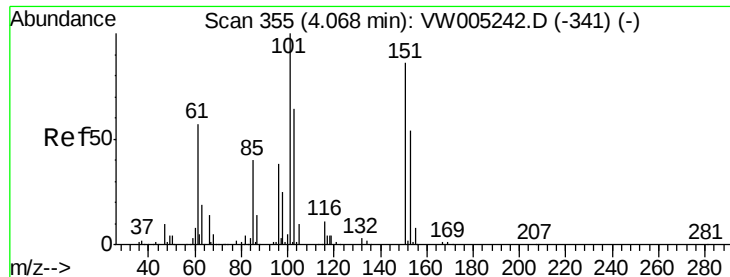


#8

Diethyl Ether
 Concen: 10.69 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.09 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

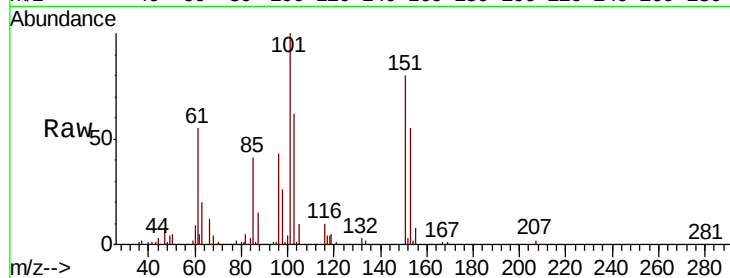
ClientSampled :

VSTDIC010

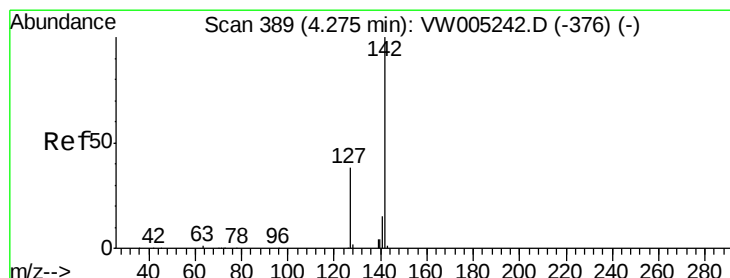
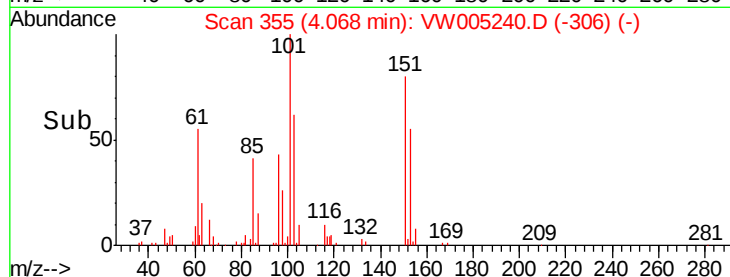
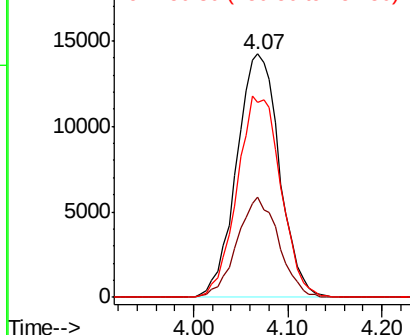
Tot Ion:	101	Resp:	44863
Ion Ratio	Lower	Upper	
101	100		
85	40.1	32.7	49.1
151	84.6	67.6	101.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.17 ug/l

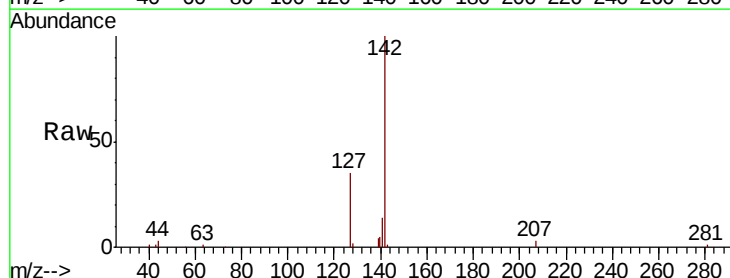
RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

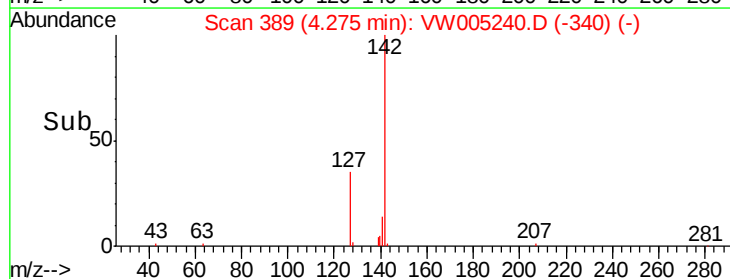
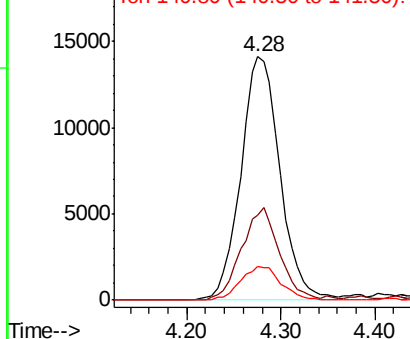
Lab File: VW005240.D

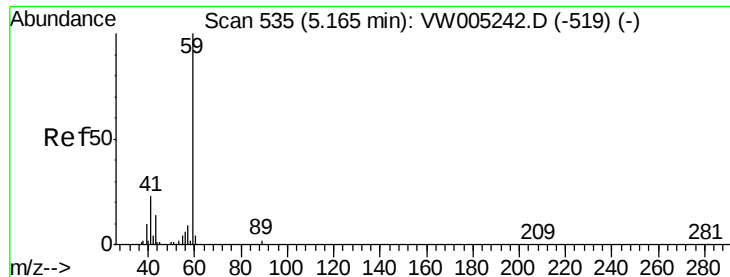
Acq: 10 Sep 2018 14:32

Tgt Ion:	142	Resp:	40828
Ion Ratio	Lower	Upper	
142	100		
127	36.6	30.3	45.5
141	13.9	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





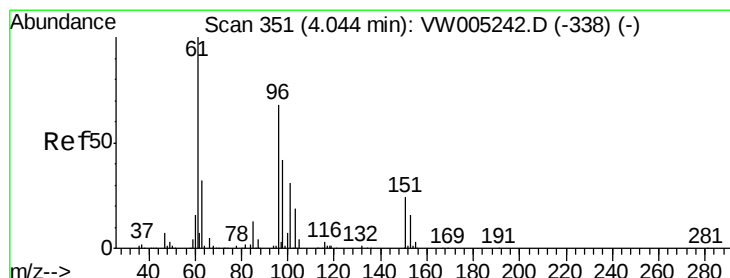
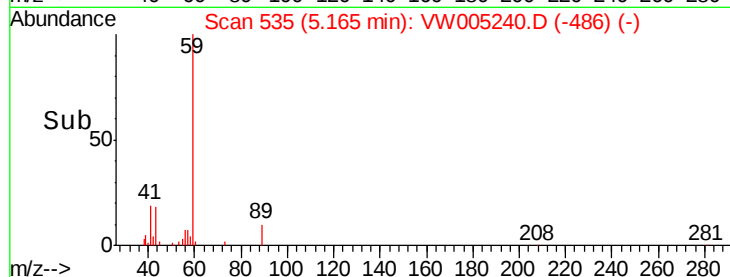
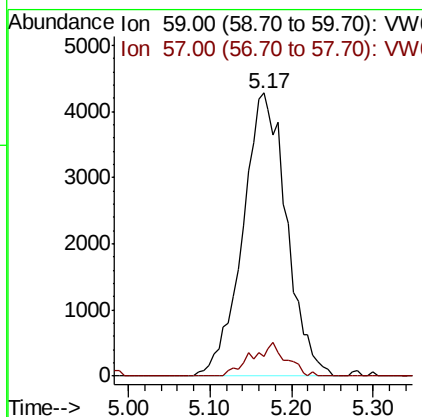
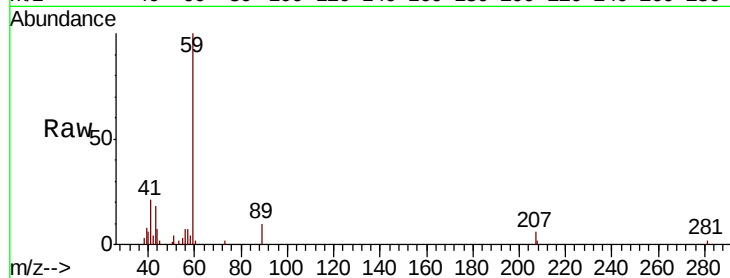
#11
Tert butyl alcohol
Concen: 55.20 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	59	Resp	15961
Ion Ratio	100	Lower	Upper
57	9.1	8.1	12.1

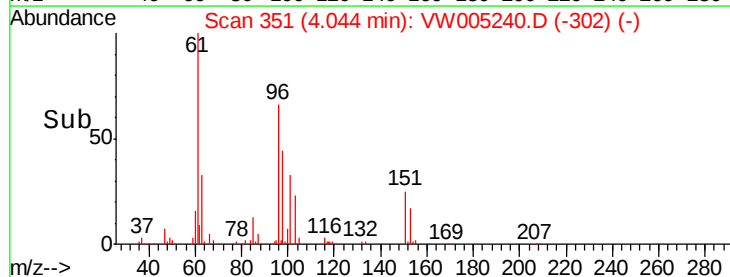
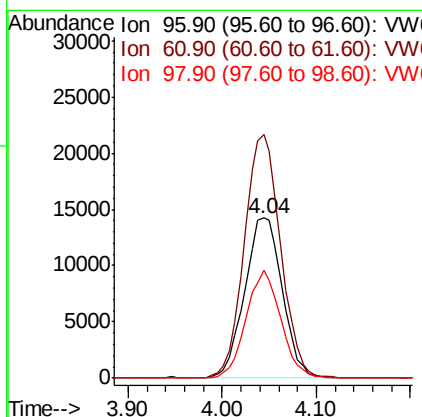
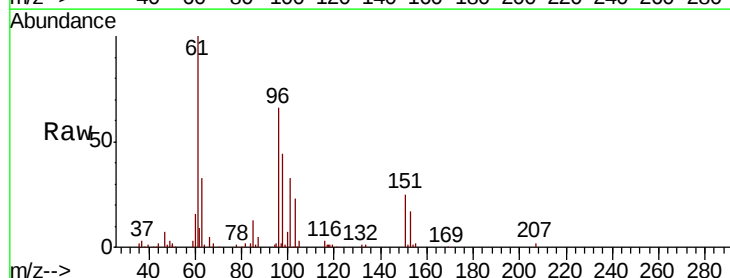
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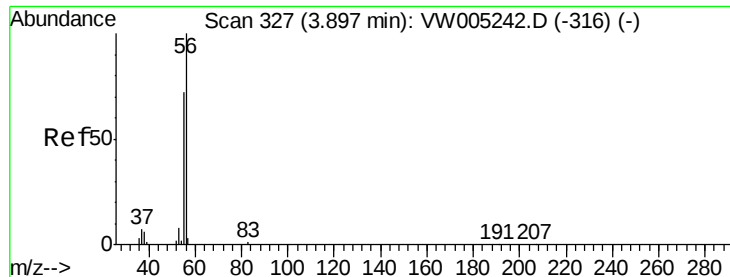
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#12
1,1-Dichloroethene
Concen: 10.72 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	96	Resp	39915
Ion Ratio	100	Lower	Upper
61	152.2	118.2	177.2
98	67.2	49.9	74.9





#13

Acrolein

Concen: 51.28 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 14322

Ion Ratio Lower Upper

56 100

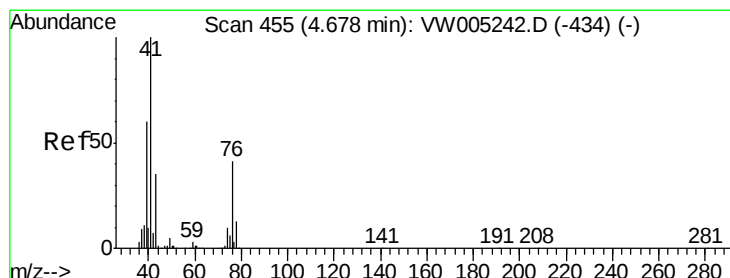
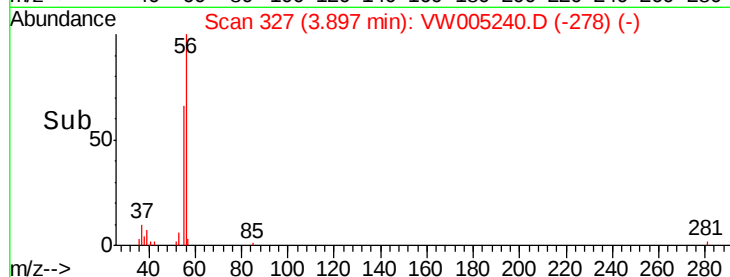
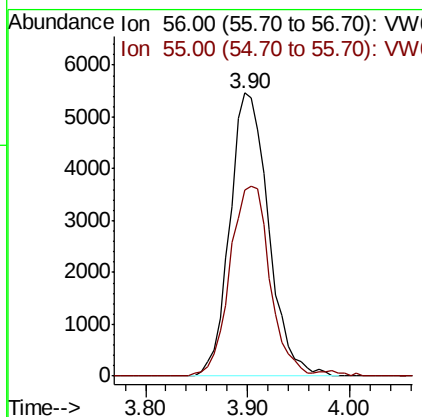
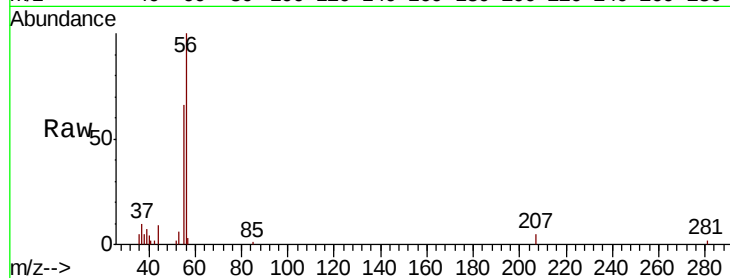
55 69.5 56.8 85.2

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#14

Allyl chloride

Concen: 10.46 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

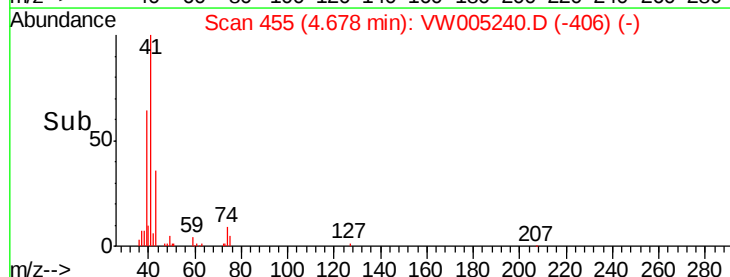
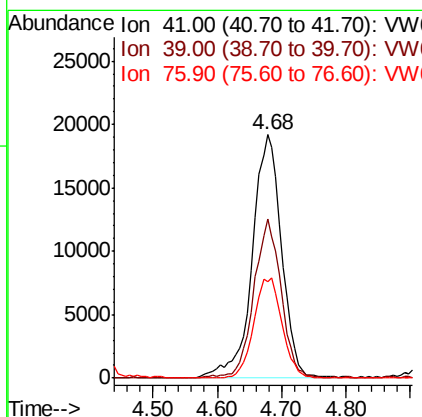
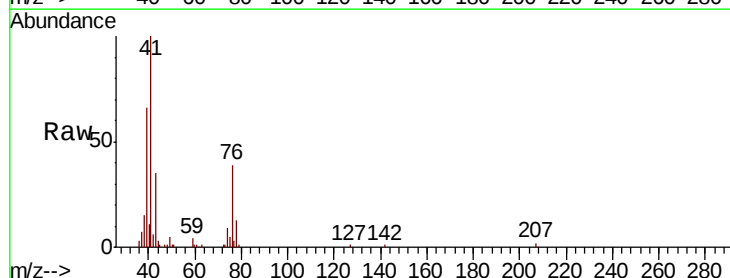
Tgt Ion: 41 Resp: 59848

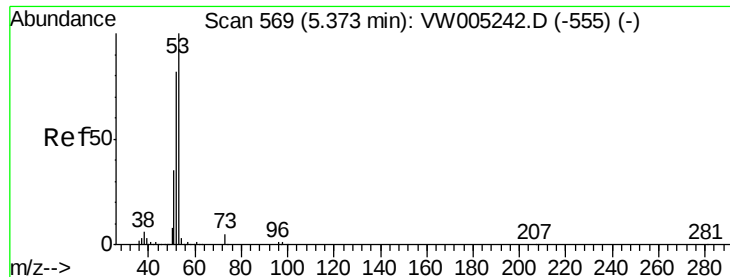
Ion Ratio Lower Upper

41 100

39 59.9 48.2 72.4

76 39.6 31.7 47.5





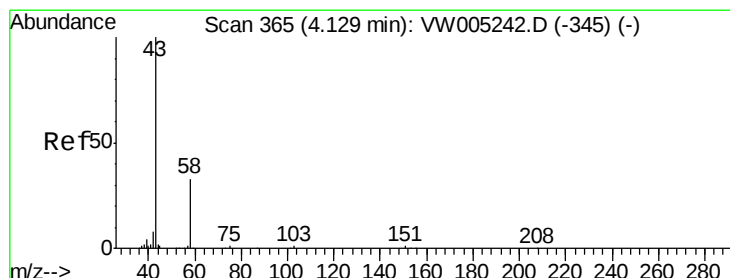
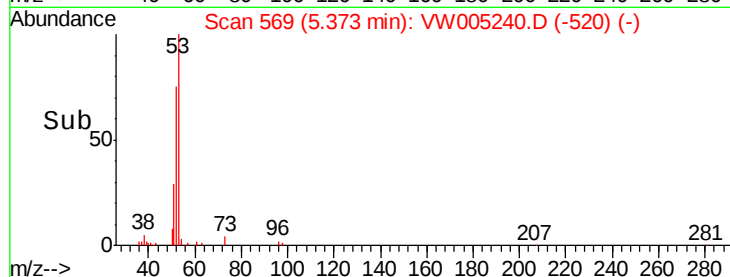
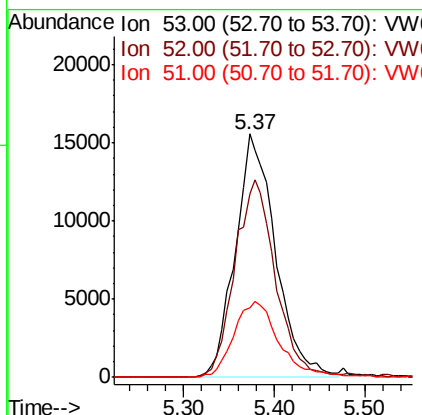
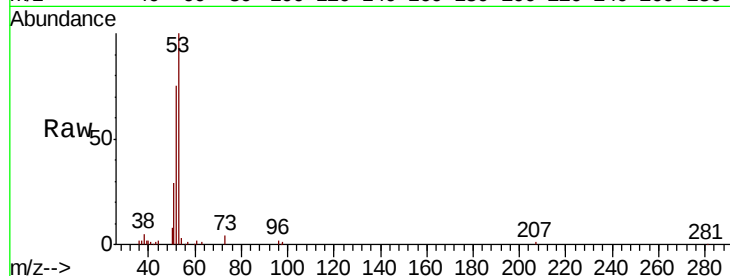
#15
 Acrylonitrile
 Concen: 52.47 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	53	Resp:	47761
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.3	28.6	43.0

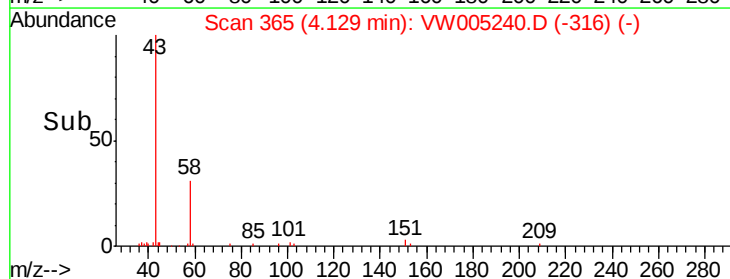
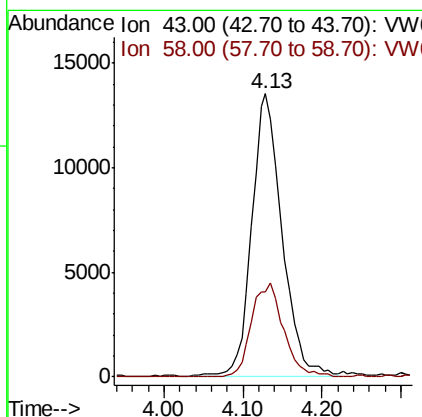
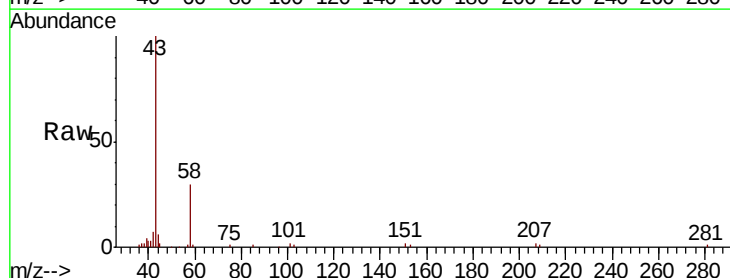
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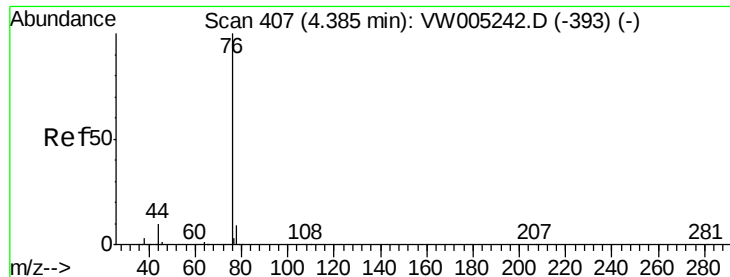
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#16
 Acetone
 Concen: 55.51 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion:	43	Resp:	36325
Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.7	40.1





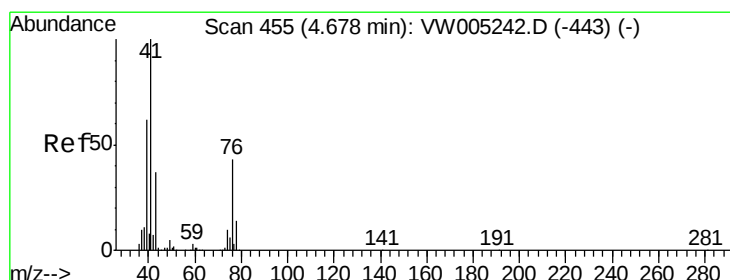
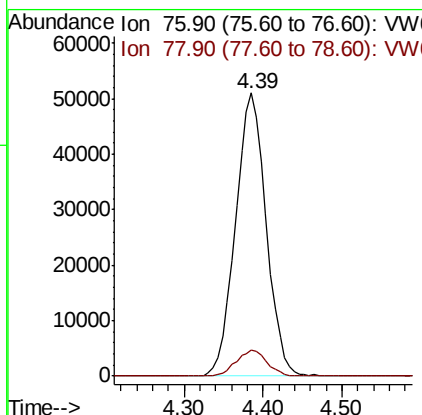
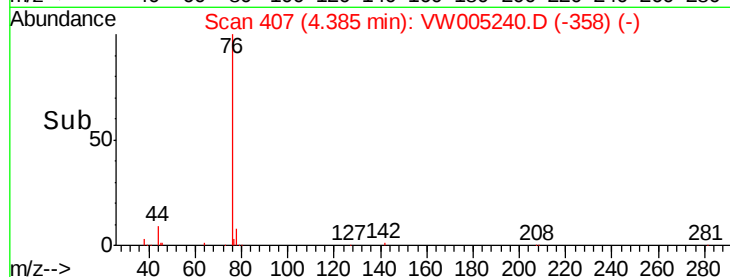
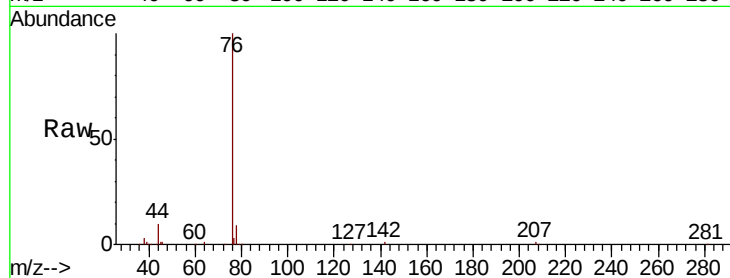
#17
Carbon Disulfide
Concen: 10.53 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

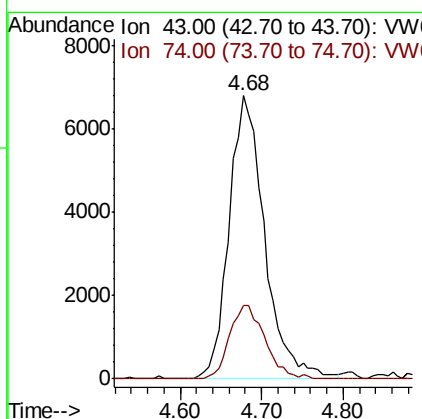
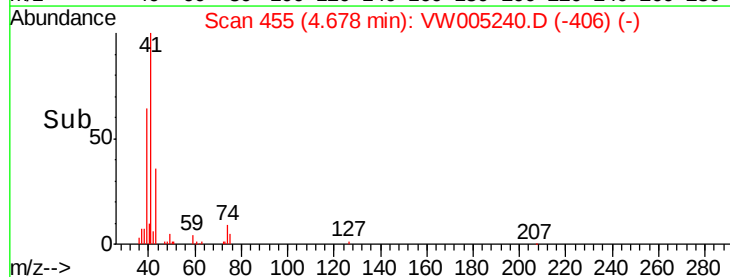
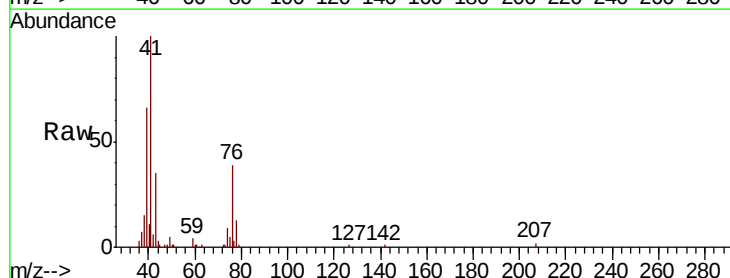
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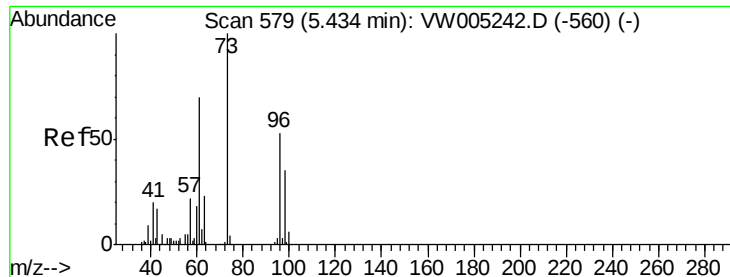
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#18
Methyl Acetate
Concen: 10.49 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.4	32.2





#19

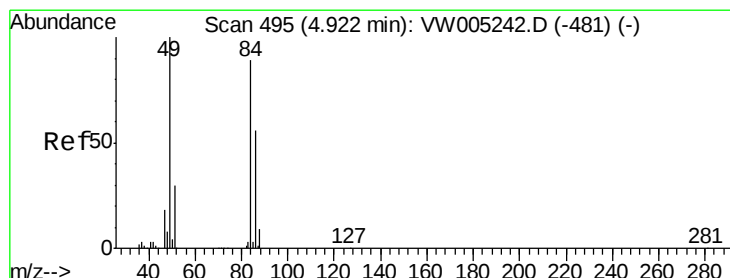
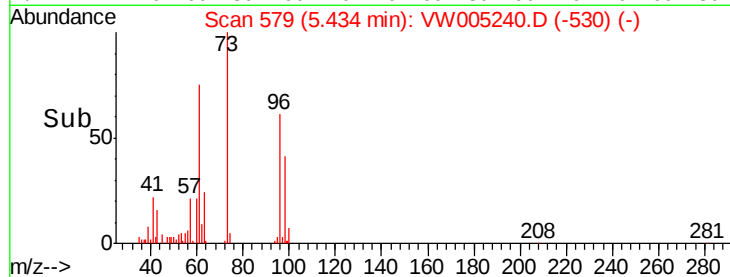
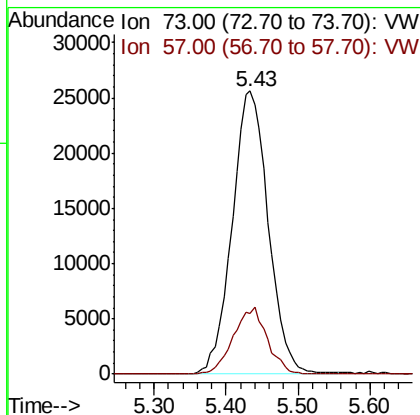
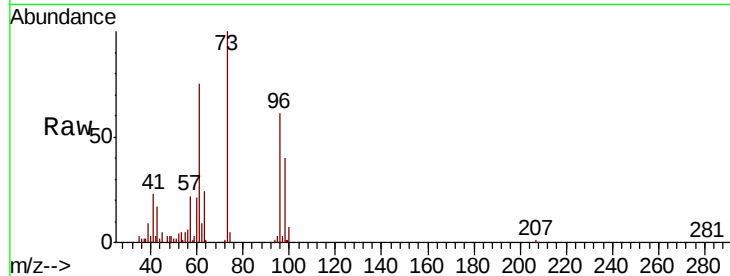
Methyl tert-butyl Ether
 Concen: 10.07 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 73 Resp: 89272
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.2

Manual Integrations
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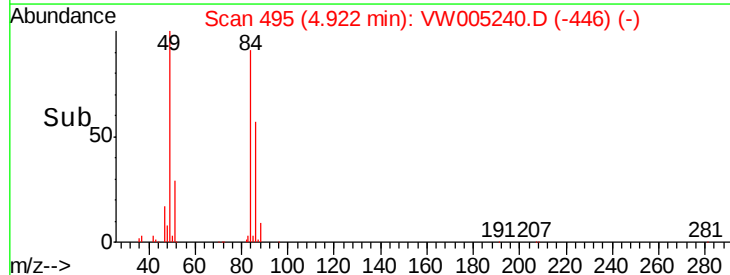
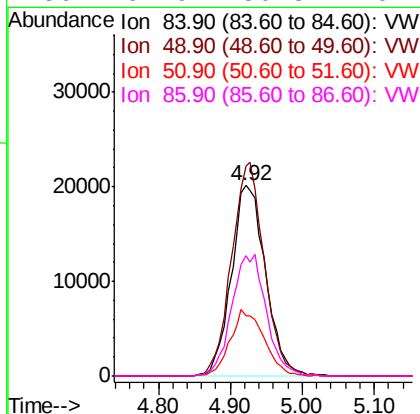
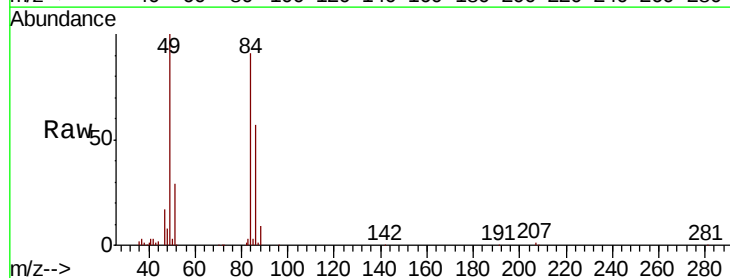
apatel
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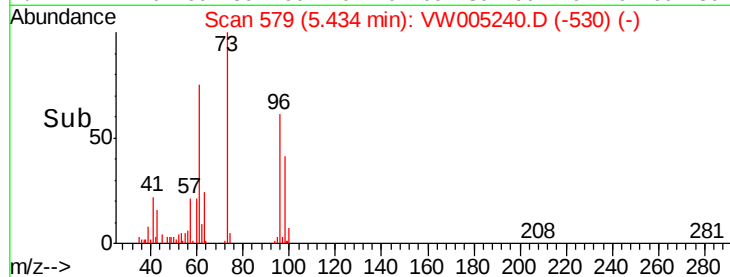
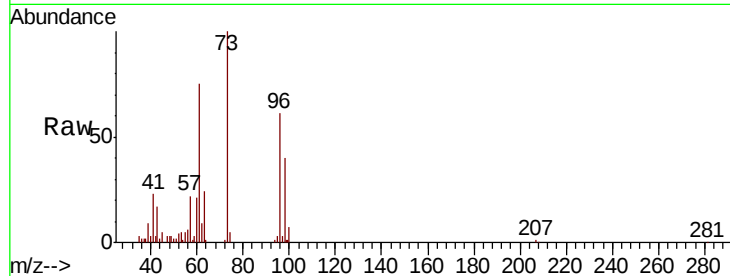
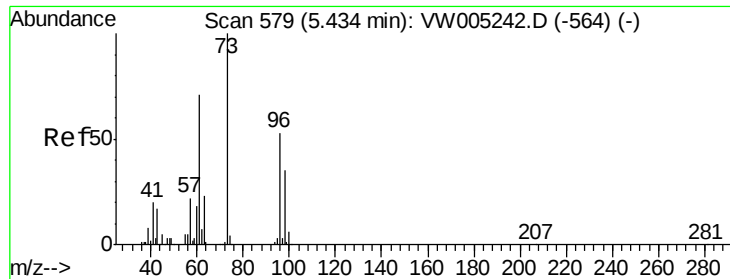


#20

Methylene Chloride
 Concen: 11.97 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 84 Resp: 66394
 Ion Ratio Lower Upper
 84 100
 49 110.5 90.3 135.5
 51 31.6 26.9 40.3
 86 62.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 10.68 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tot Ion:	96	Resp:	46434
Ion	Ratio	Lower	Upper
96	100		
61	122.3	105.7	158.5
98	66.0	52.8	79.2

Instrument :

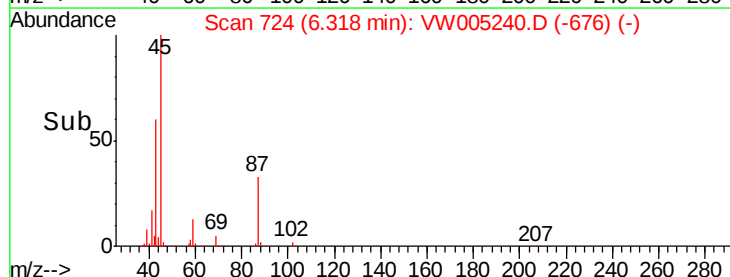
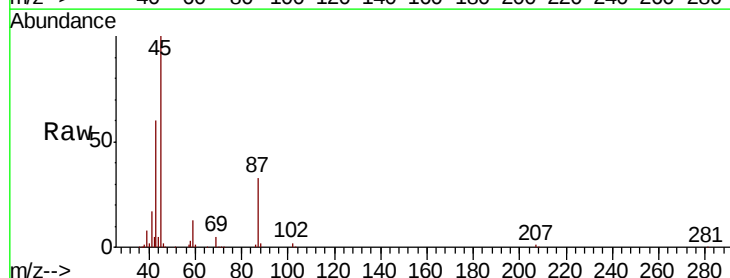
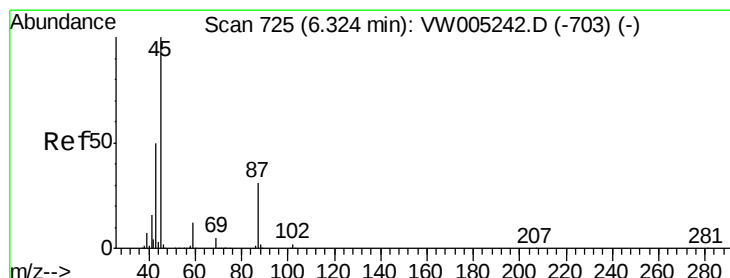
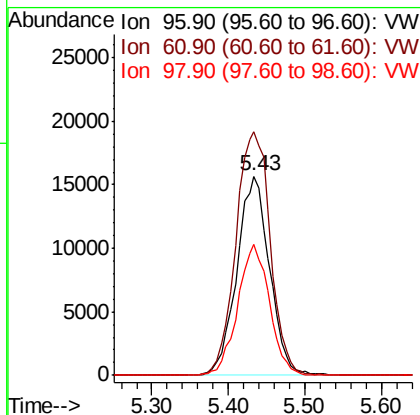
MSVOA_W

ClientSampled :

VSTDIC010

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#22

Diisopropyl ether

Concen: 10.19 ug/l

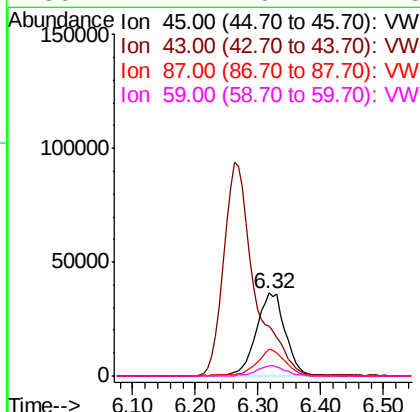
RT: 6.32 min Scan# 724

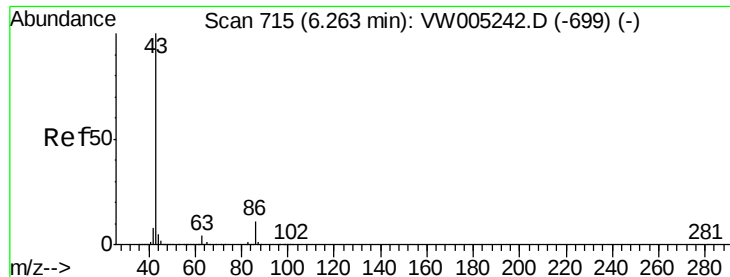
Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	45	Resp:	117371
Ion	Ratio	Lower	Upper
45	100		
43	60.2	39.6	59.4#
87	32.3	24.7	37.1
59	12.7	9.7	14.5





#23

Vinyl Acetate

Concen: 49.74 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 319312

Ion Ratio Lower Upper

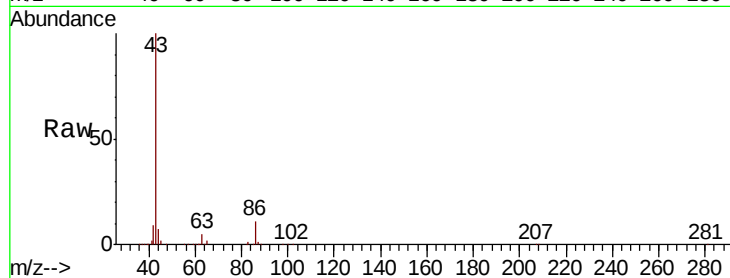
43 100

86 11.4 8.9 13.3

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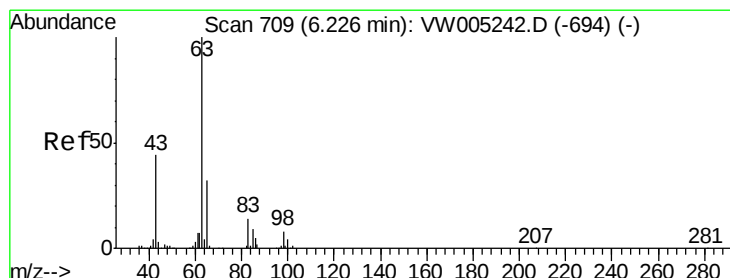
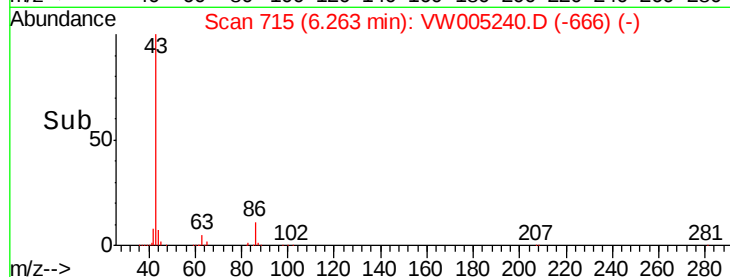
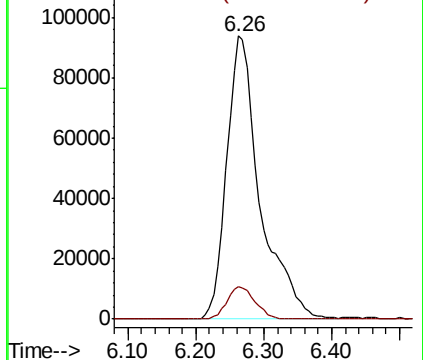
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.40 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

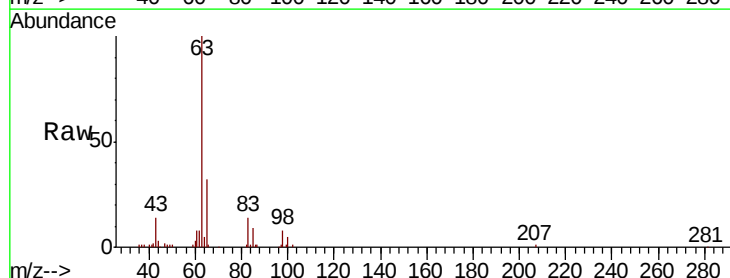
Tgt Ion: 63 Resp: 73748

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

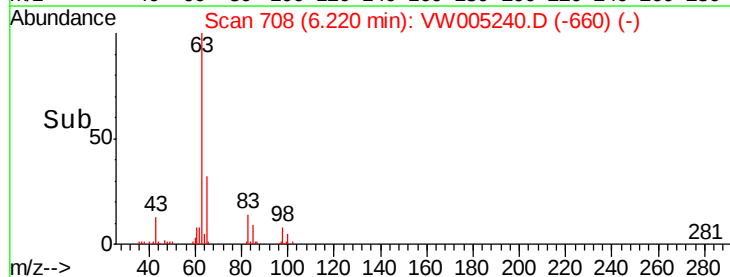
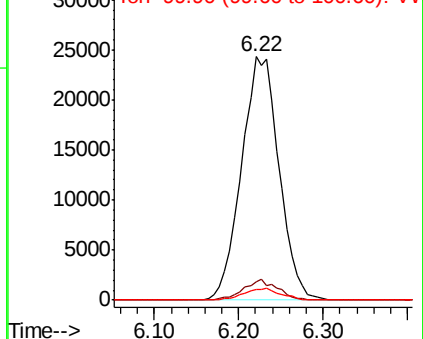
100 4.6 2.2 6.6

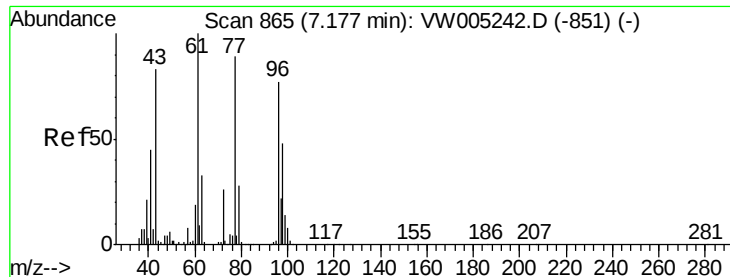


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 51.78 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 53450

Ion Ratio Lower Upper

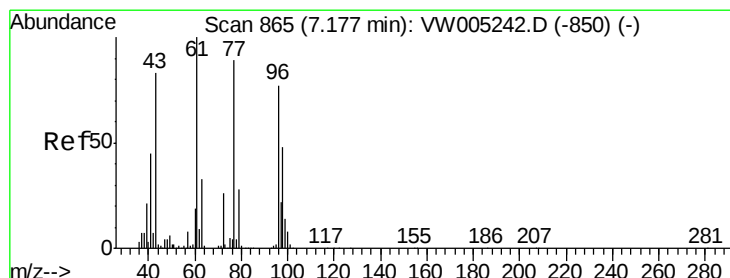
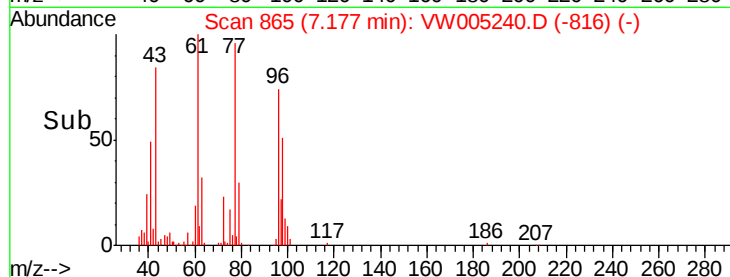
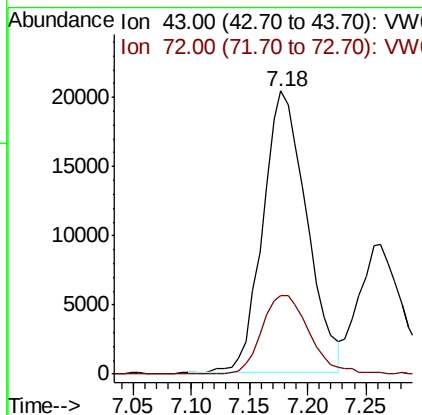
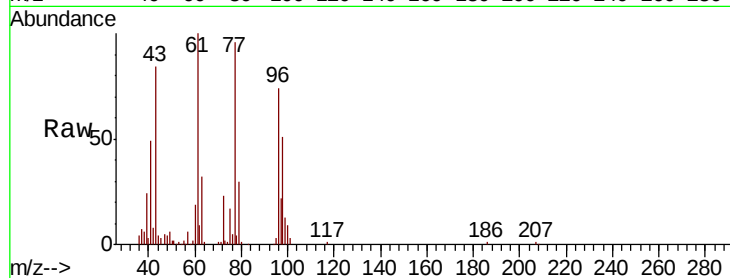
43 100

72 27.9 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 11.10 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005240.D

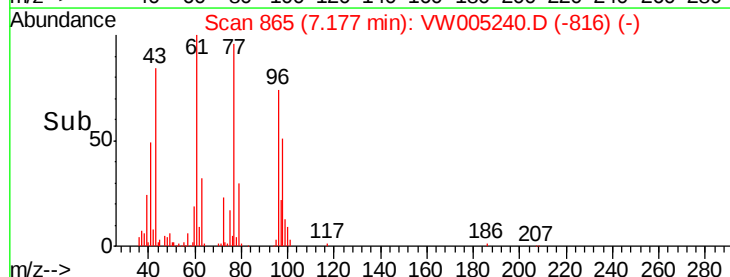
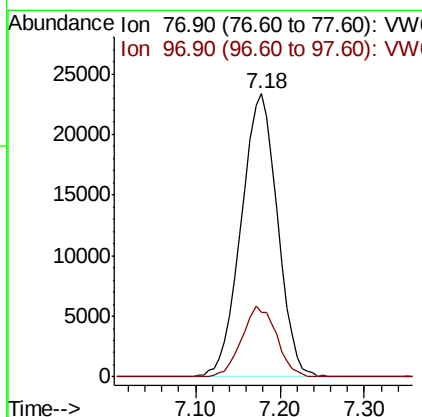
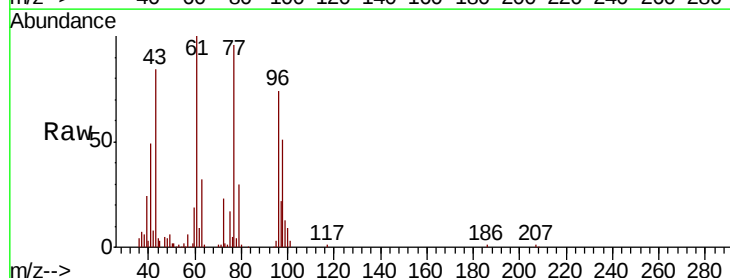
Acq: 10 Sep 2018 14:32

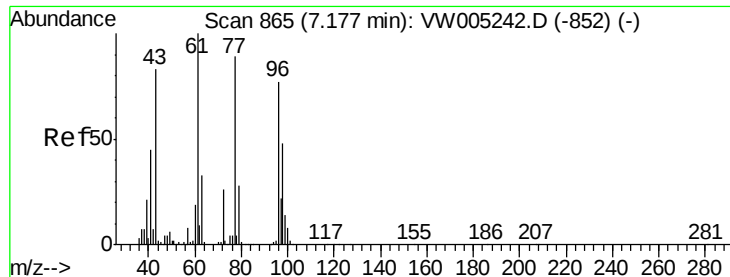
Tgt Ion: 77 Resp: 68240

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 10.33 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

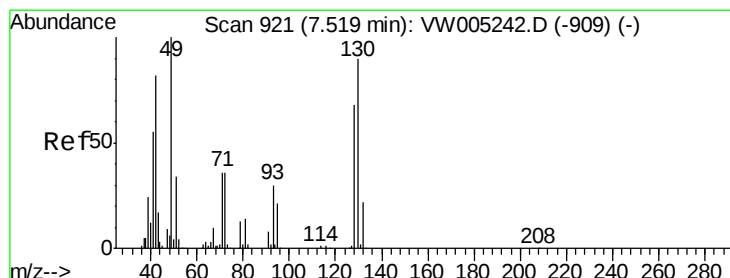
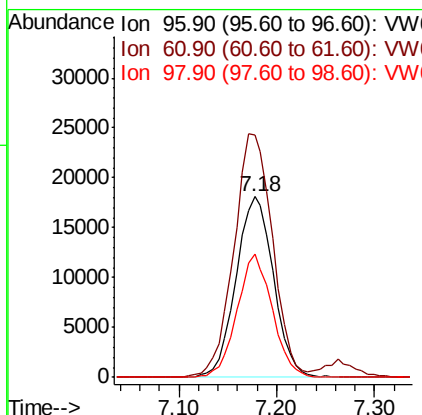
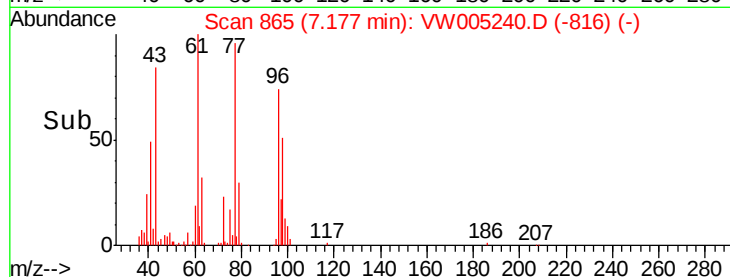
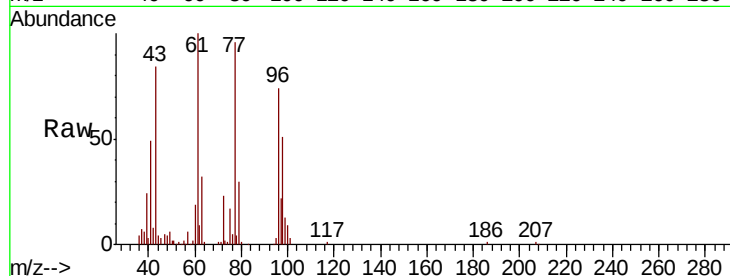
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	48061
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	273.4
98	63.9	0.0	127.8

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#28

Bromochloromethane

Concen: 9.25 ug/l

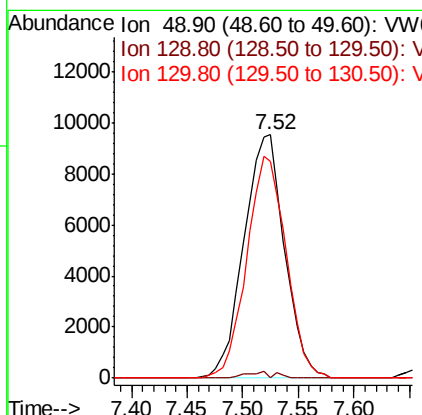
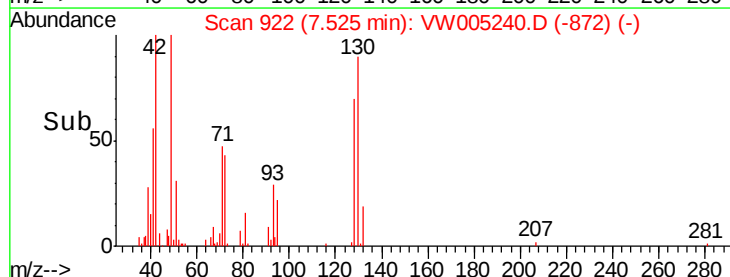
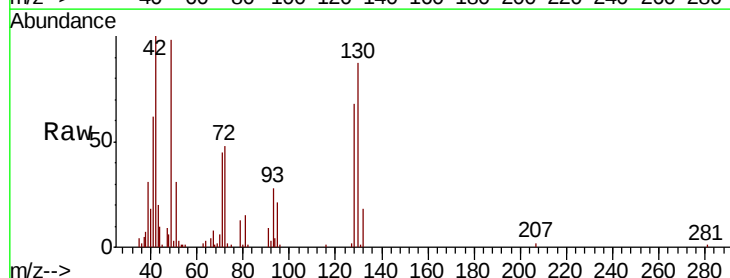
RT: 7.52 min Scan# 922

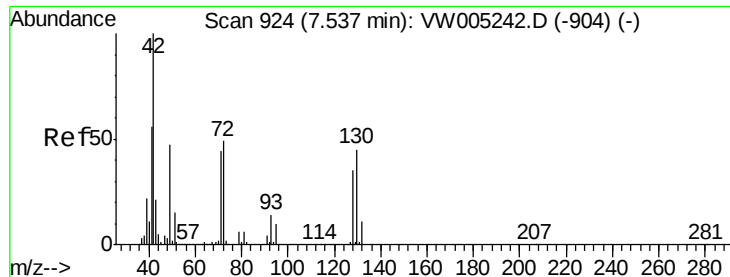
Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	49	Resp:	24193
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.0
130	88.5	71.2	106.8





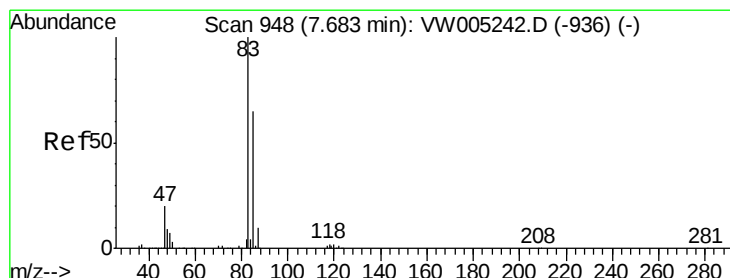
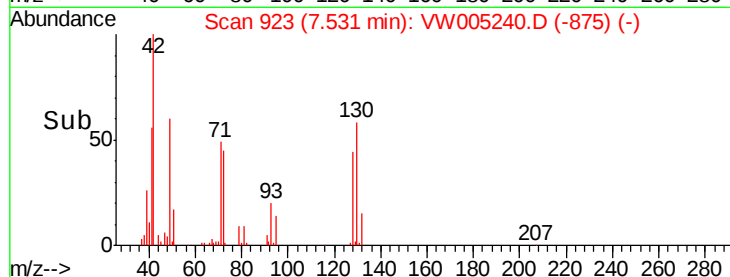
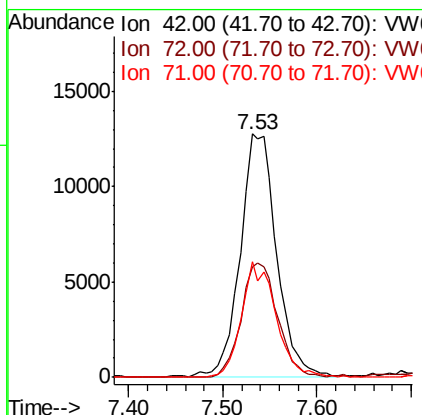
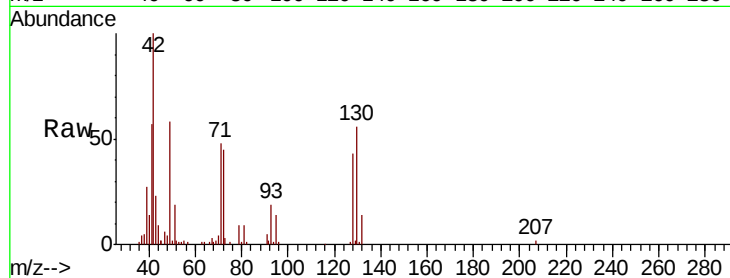
#29
Tetrahydrofuran
Concen: 49.90 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.5	56.3
71	44.8	34.8	52.2

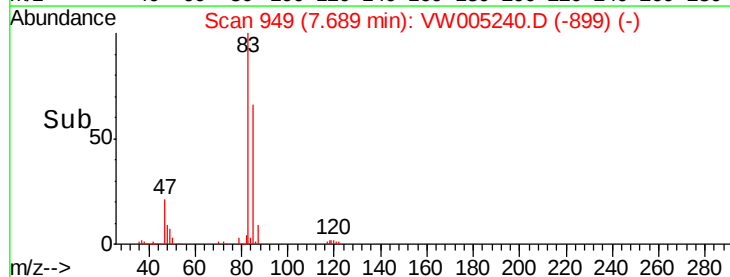
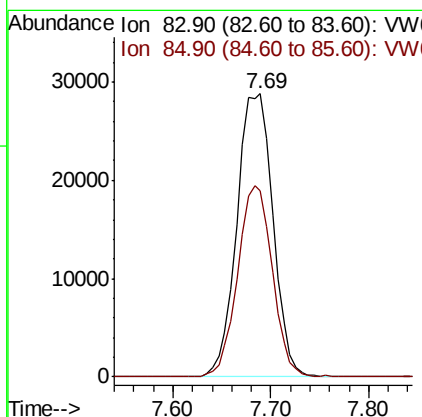
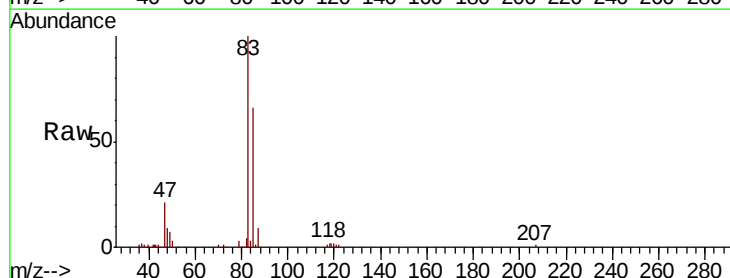
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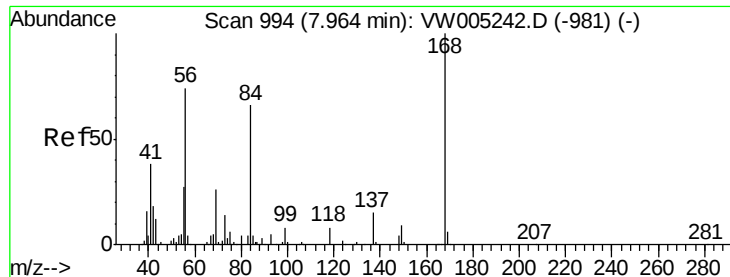
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#30
Chloroform
Concen: 10.37 ug/l
RT: 7.69 min Scan# 949
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.7	77.5





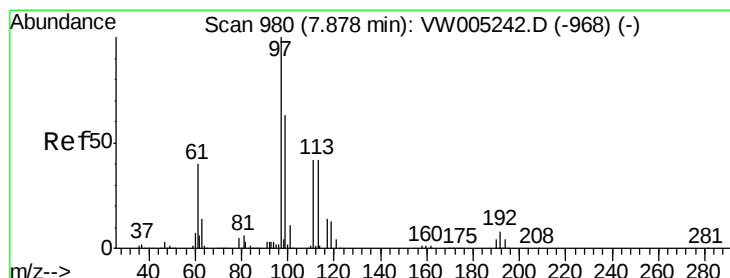
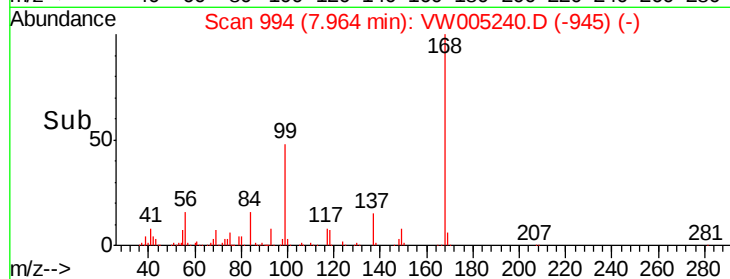
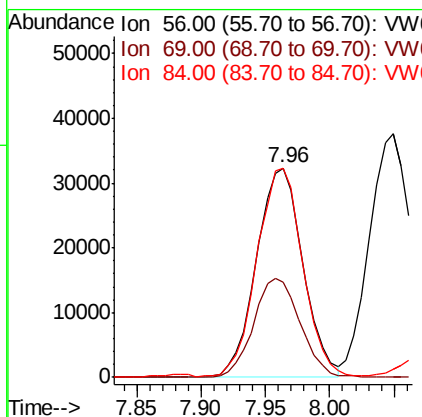
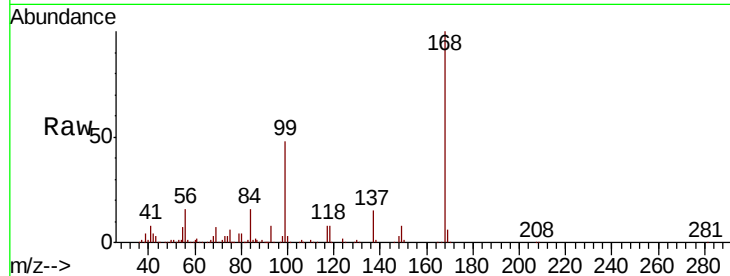
#31
Cyclohexane
Concen: 10.73 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.0	27.8	41.8#
84	98.8	72.1	108.1

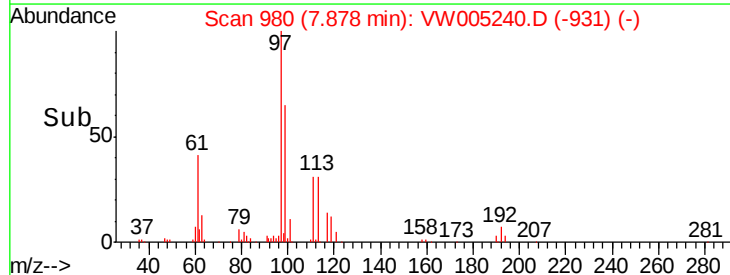
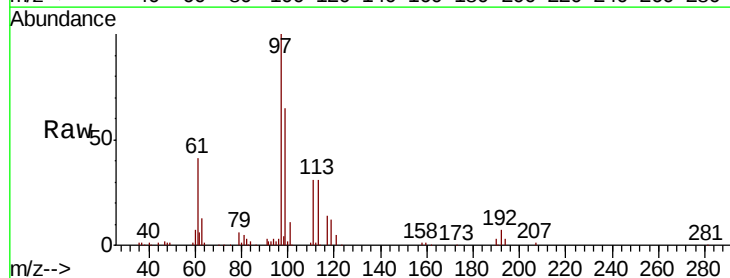
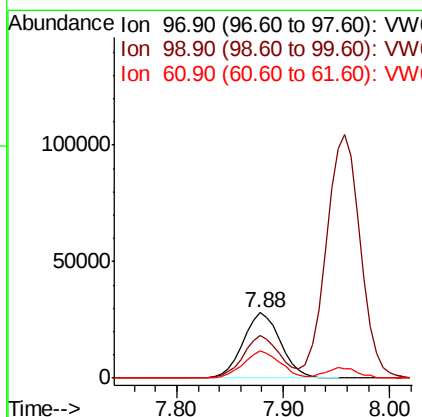
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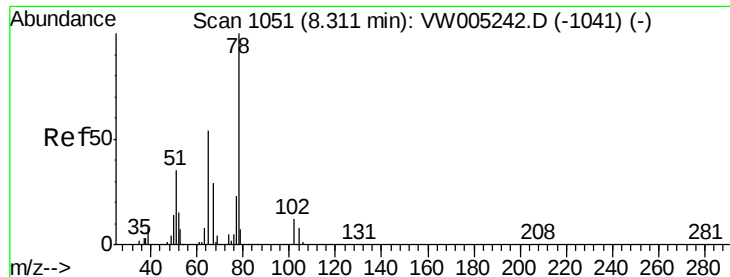
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#32
1,1,1-Trichloroethane
Concen: 10.86 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	41.3	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 9.56 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 33698

Ion Ratio Lower Upper

65 100

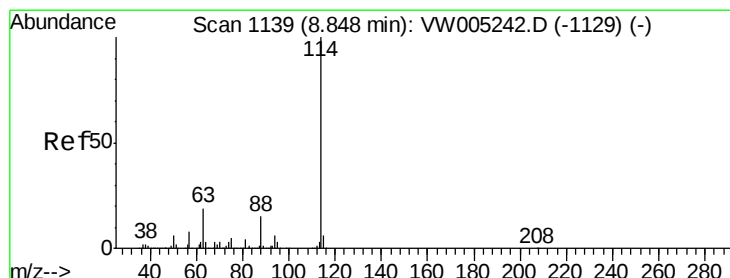
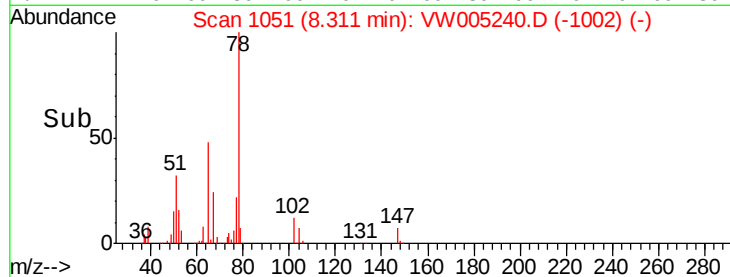
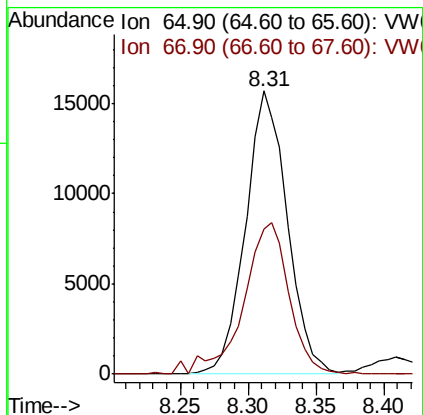
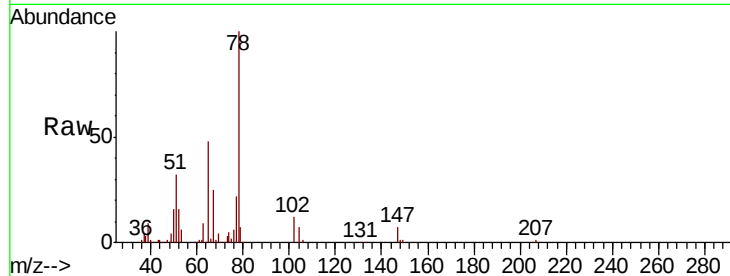
67 58.8 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

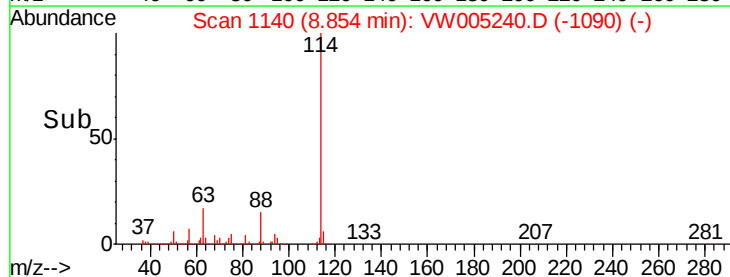
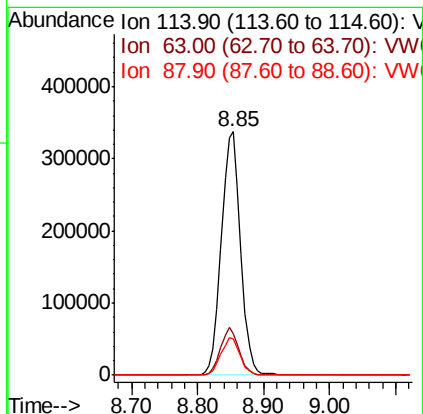
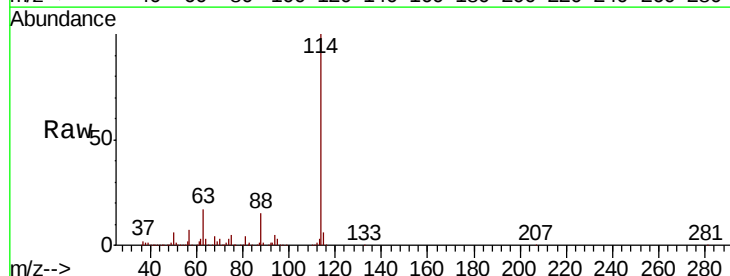
Tgt Ion: 114 Resp: 676848

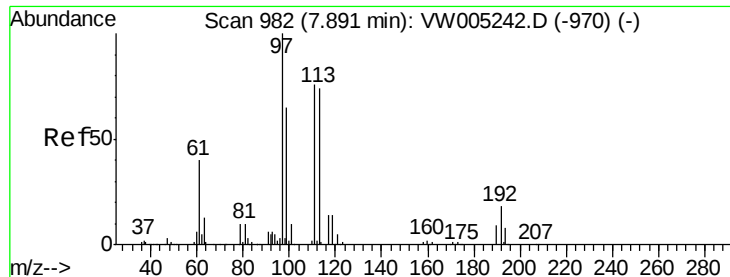
Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.0

88 15.1 0.0 30.4





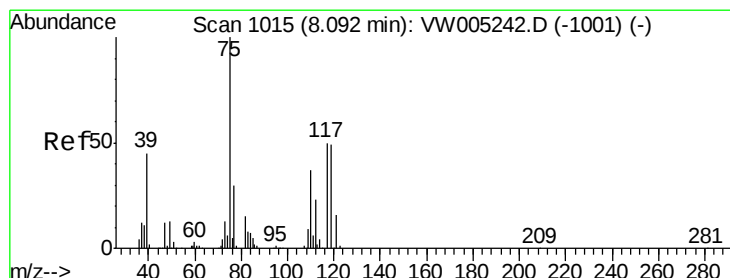
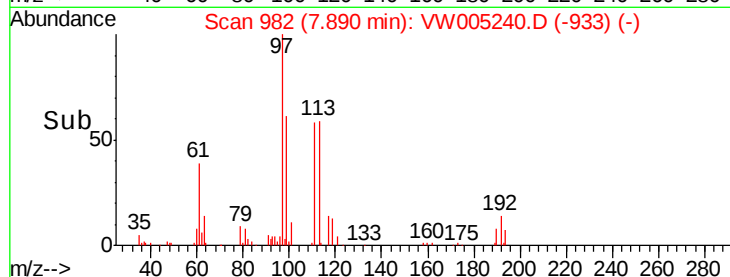
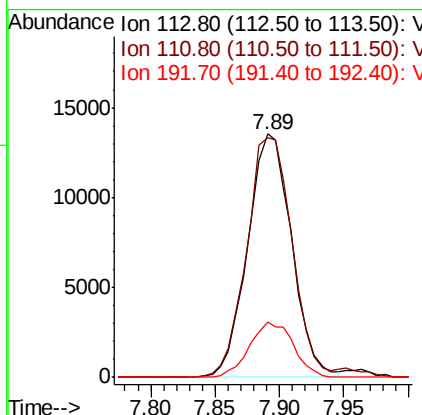
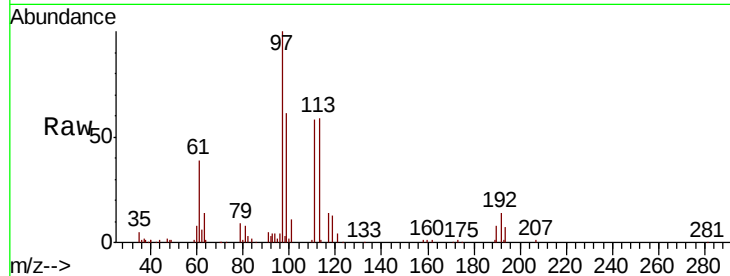
#35
 Dibromofluoromethane
 Concen: 9.01 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	22.6	18.3	27.5

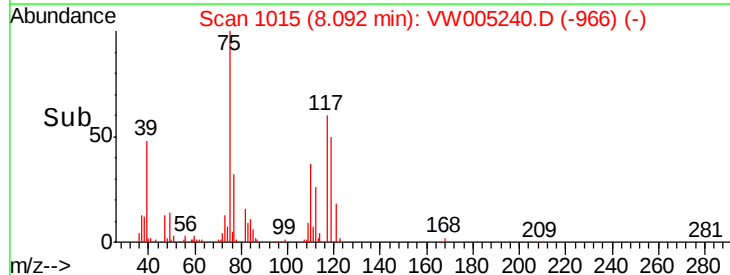
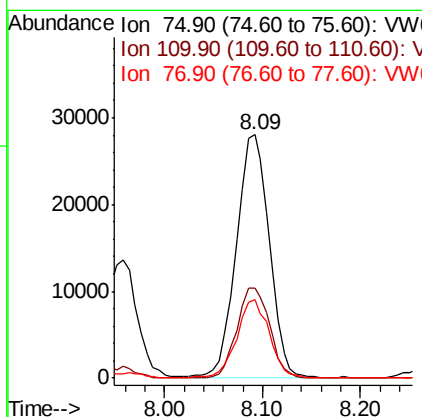
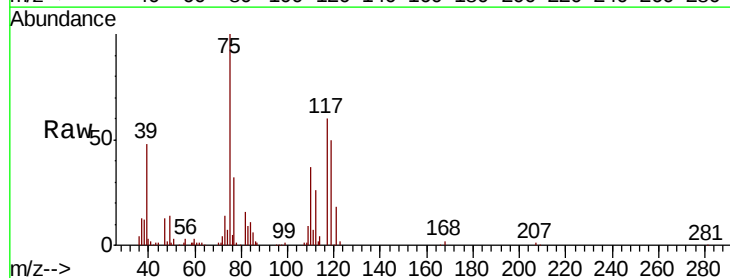
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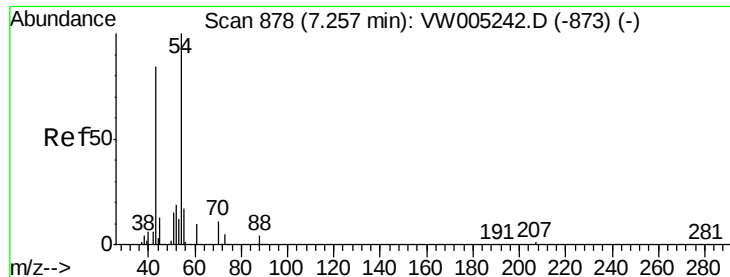
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#36
 1,1-Dichloropropene
 Concen: 10.59 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.8	56.4
77	32.1	24.9	37.3





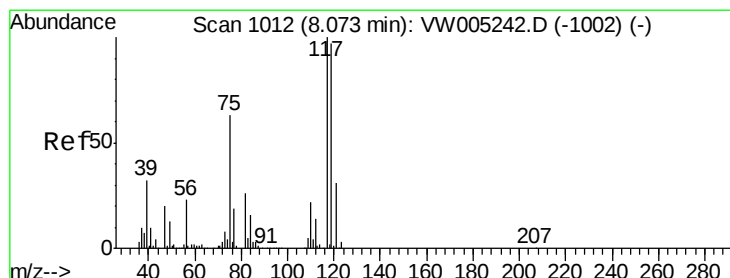
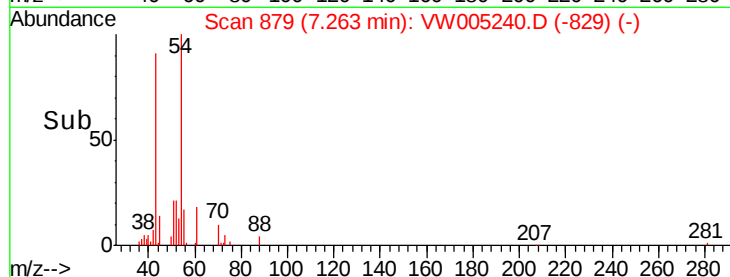
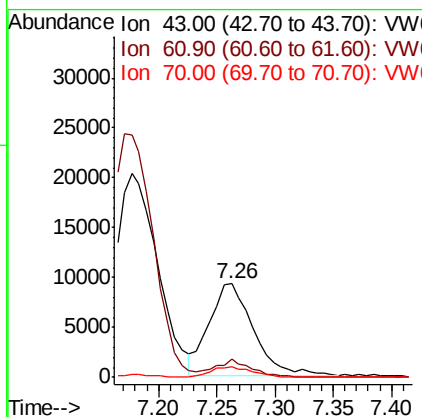
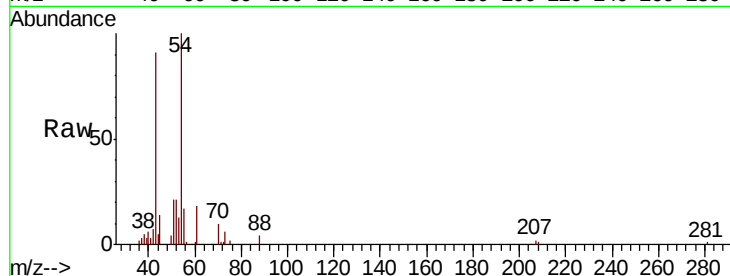
#37
Ethyl Acetate
Concen: 10.38 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.3	18.5
70	10.8	9.5	14.3

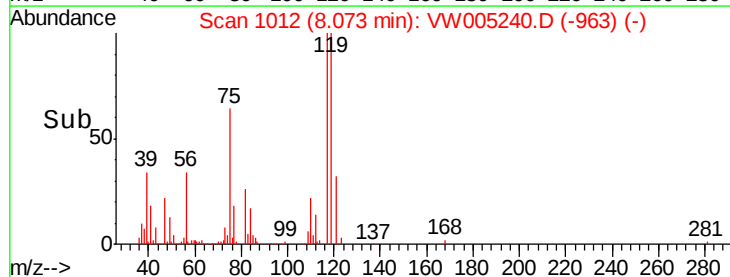
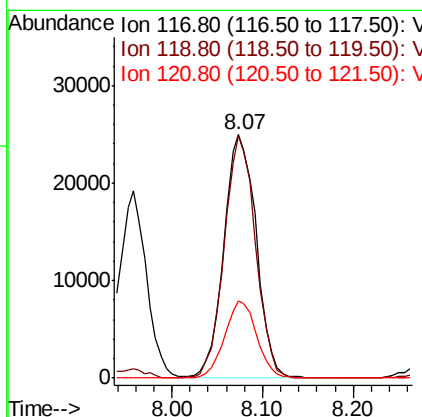
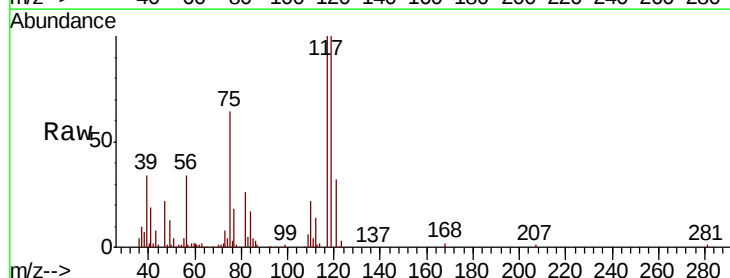
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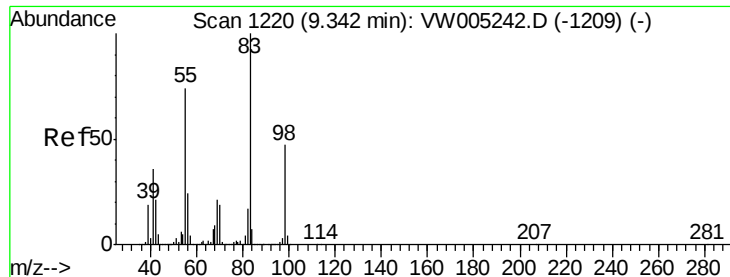
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#38
Carbon Tetrachloride
Concen: 10.66 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.5	116.3
121	31.9	24.7	37.1





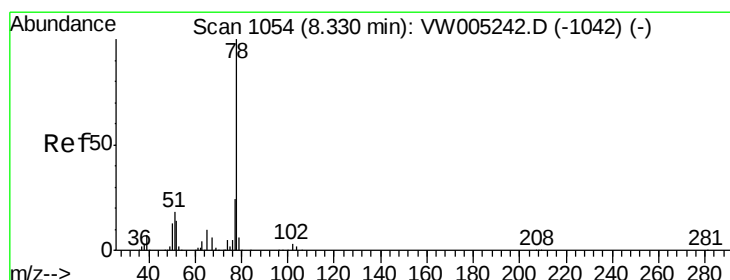
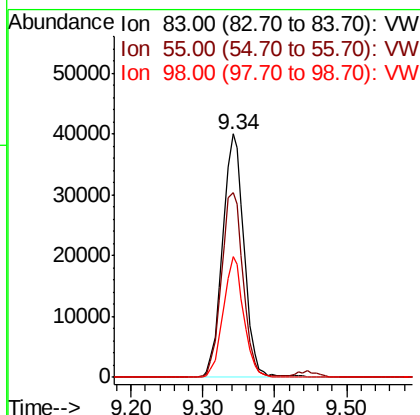
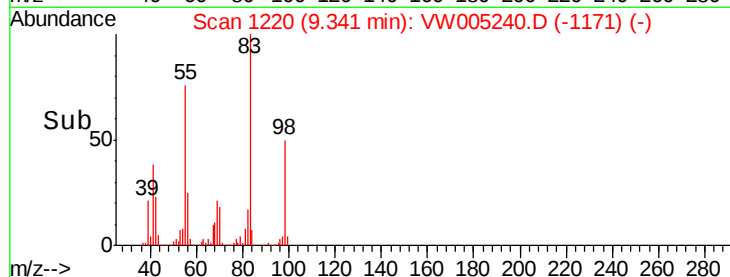
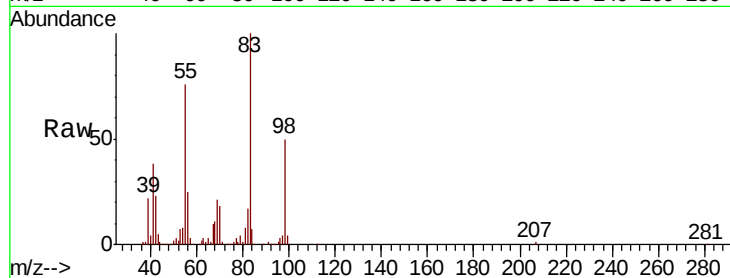
#39
Methvlcvclohexane
Concen: 10.14 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	58.9	88.3
98	49.5	37.6	56.4

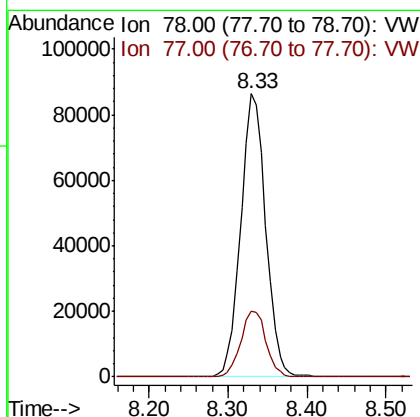
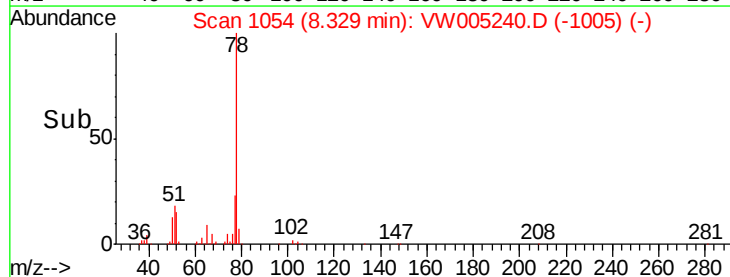
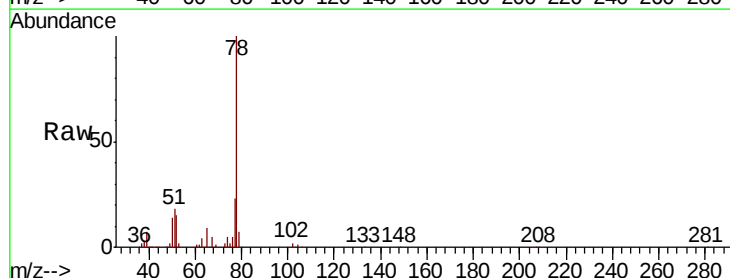
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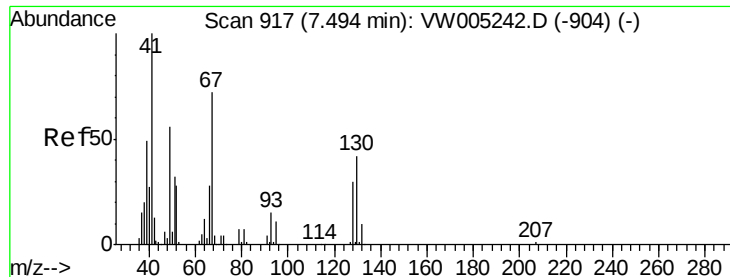
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#40
Benzene
Concen: 10.44 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





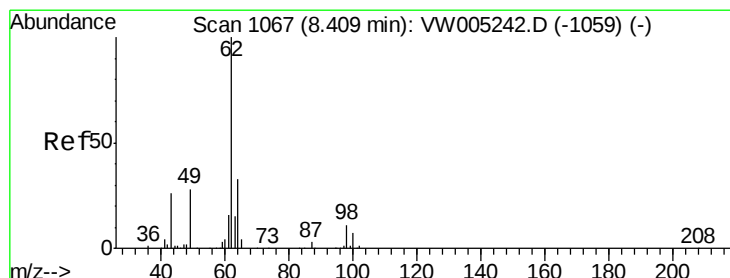
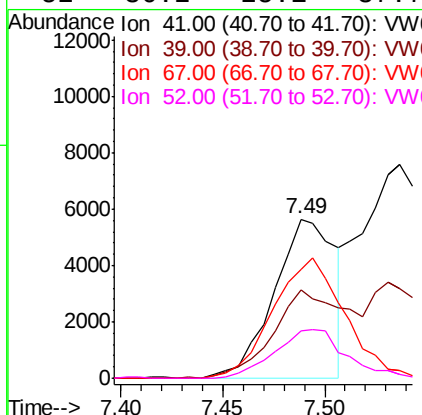
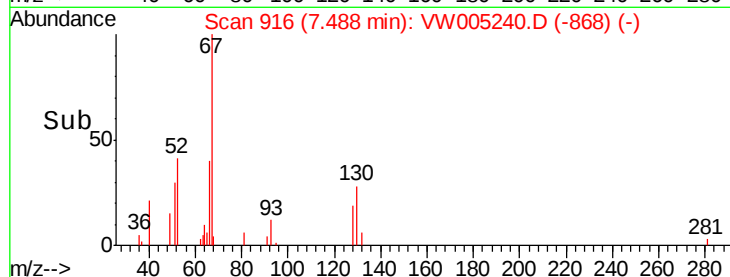
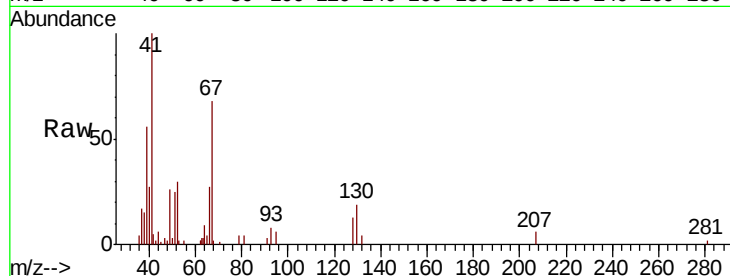
#41
Methacrylonitrile
Concen: 9.75 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	69.9	39.9	59.9	#
67	88.7	65.7	98.5	
52	36.2	25.1	37.7	

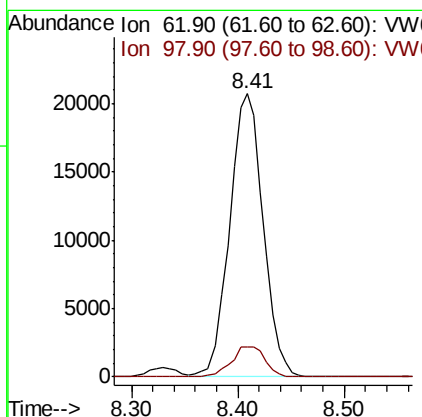
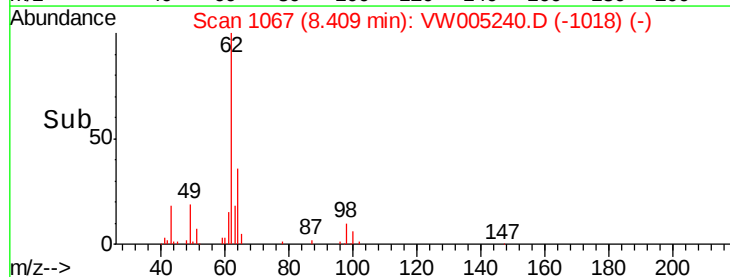
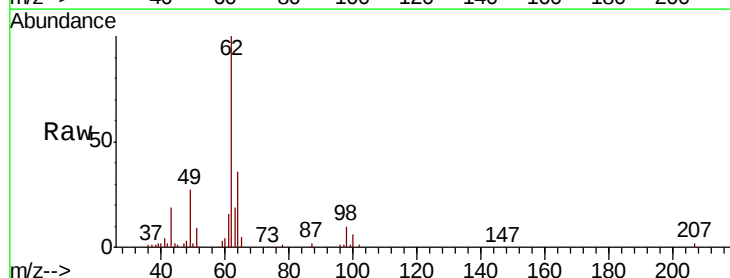
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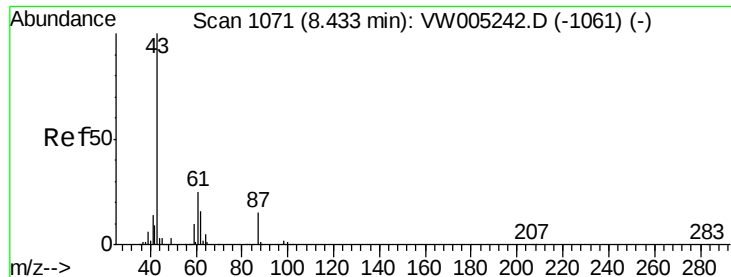
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#42
1,2-Dichloroethane
Concen: 10.46 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	22.0	





#43

Isopropyl Acetate

Concen: 10.18 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

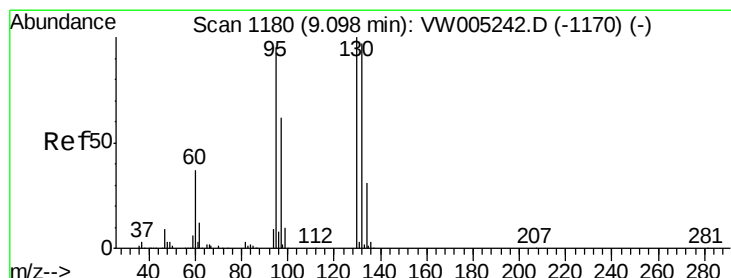
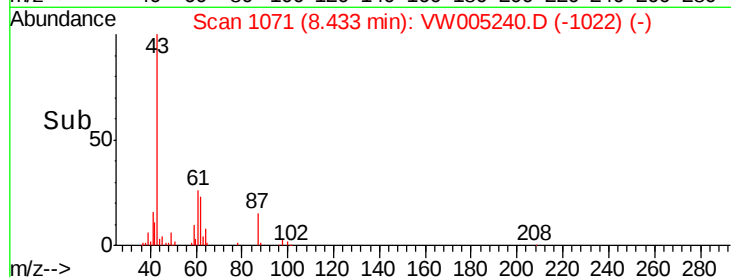
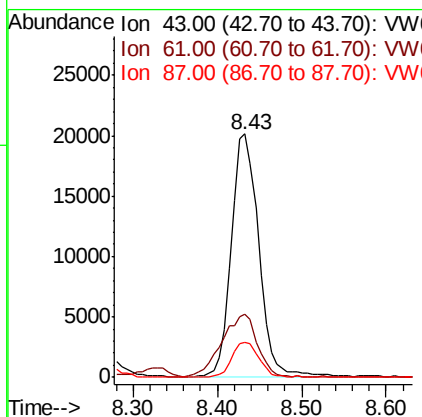
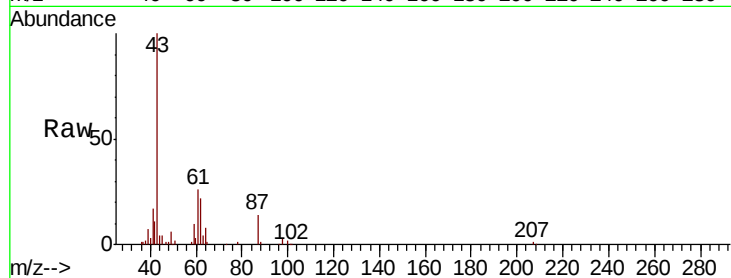
ClientSampleID :

VSTDIC010

Tot Ion:	43	Resp:	44602
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.4	38.0
87	14.1	11.9	17.9

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#44

Trichloroethene

Concen: 10.43 ug/l

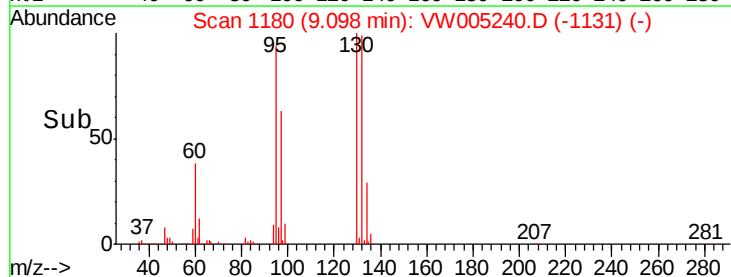
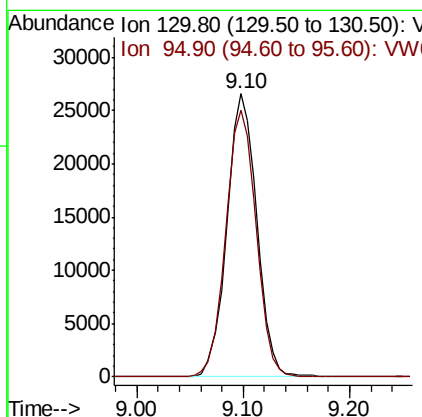
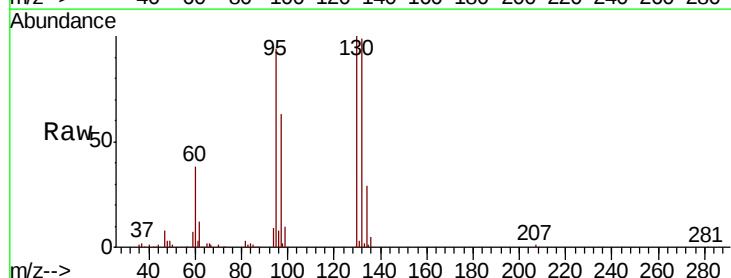
RT: 9.10 min Scan# 1180

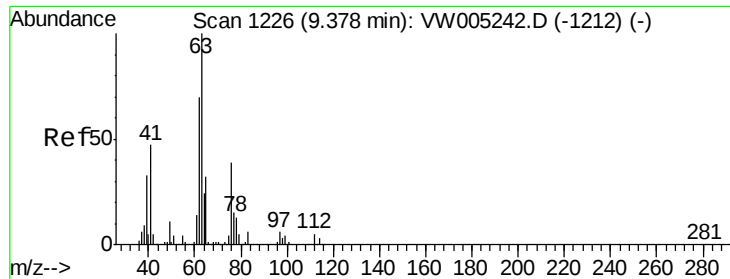
Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	130	Resp:	52252
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	189.6





#45

1,2-Dichloropropane

Concen: 10.59 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 63 Resp: 46506

Ion Ratio Lower Upper

63 100

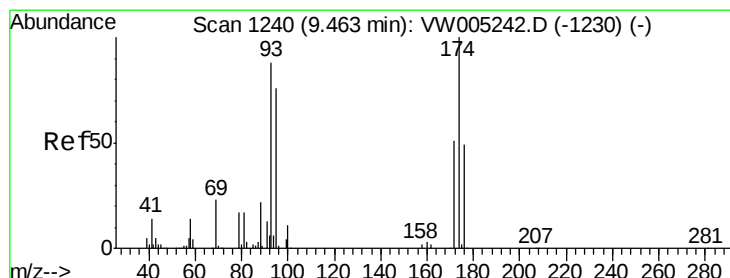
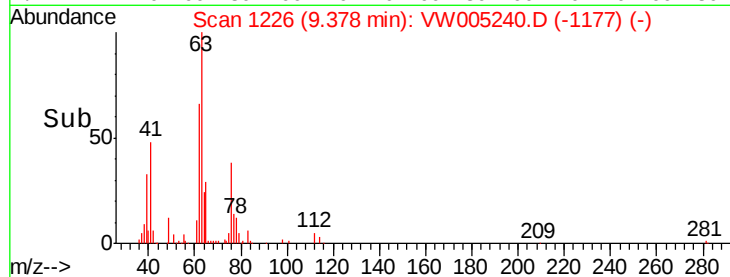
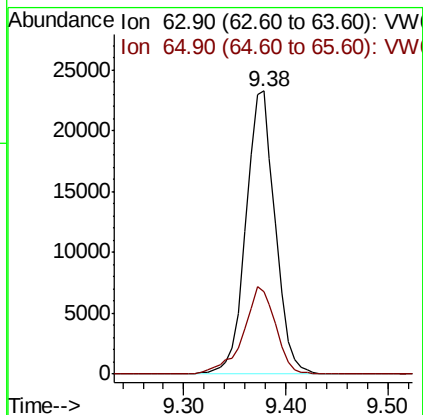
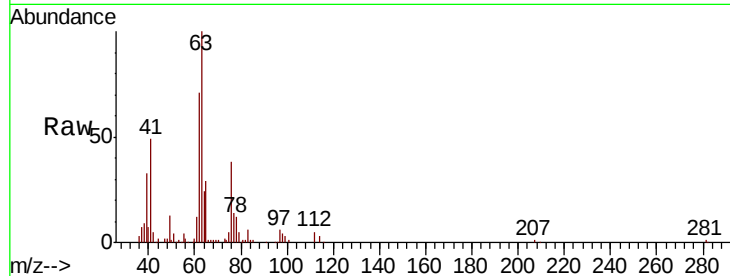
65 29.3 25.4 38.2

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#46

Dibromomethane

Concen: 10.37 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

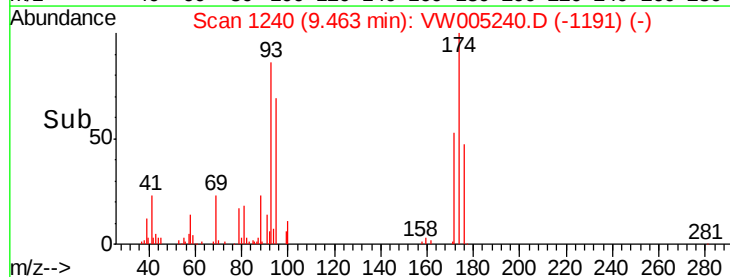
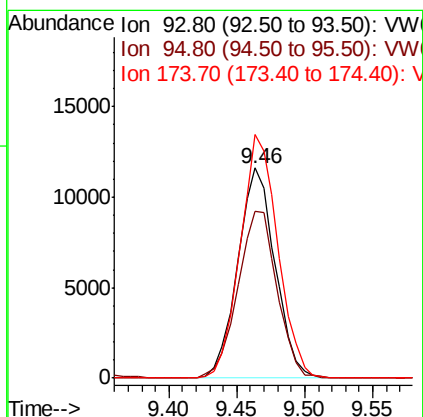
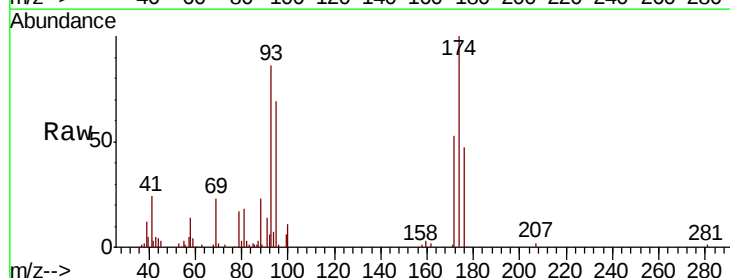
Tgt Ion: 93 Resp: 22293

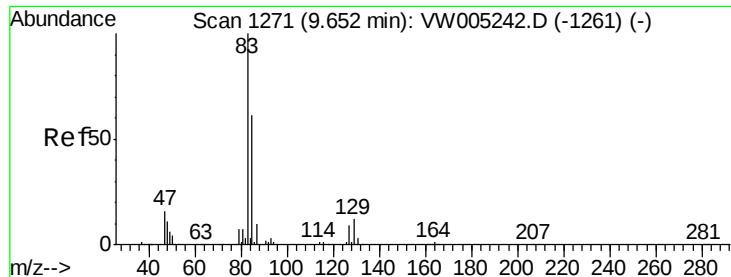
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 116.3 92.2 138.2





#47

Bromodichloromethane

Concen: 10.50 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

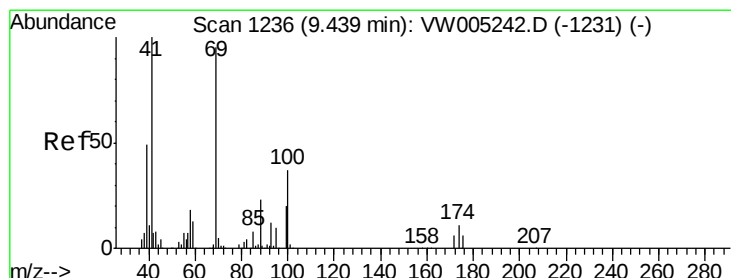
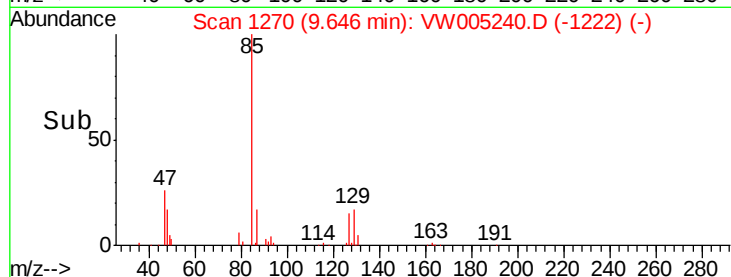
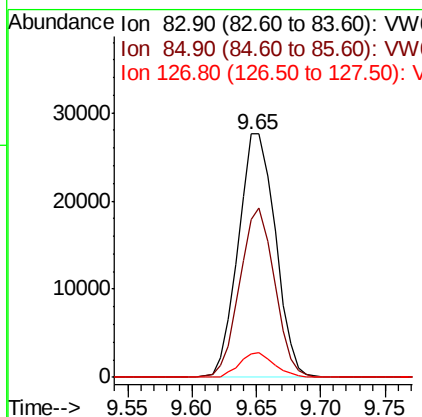
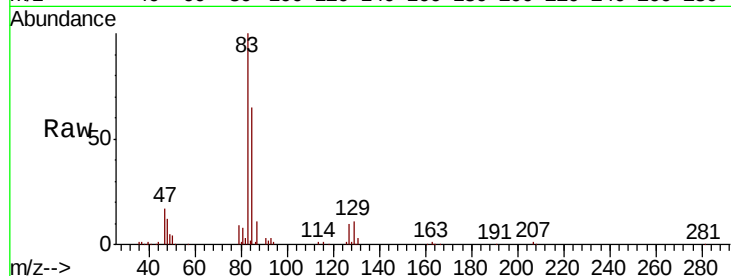
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	55187
Ion Ratio	Lower	Upper	
83	100		
85	64.9	49.0	73.6
127	9.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 9.27 ug/l

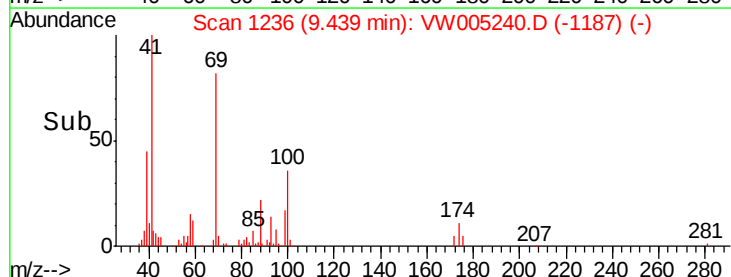
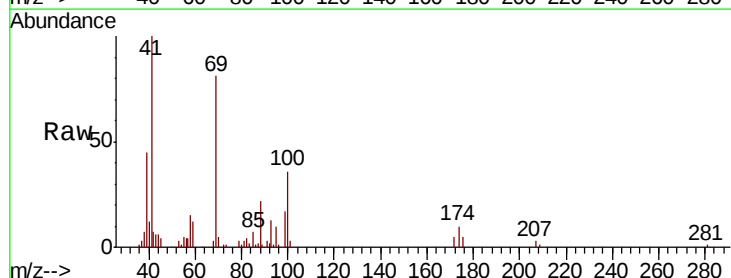
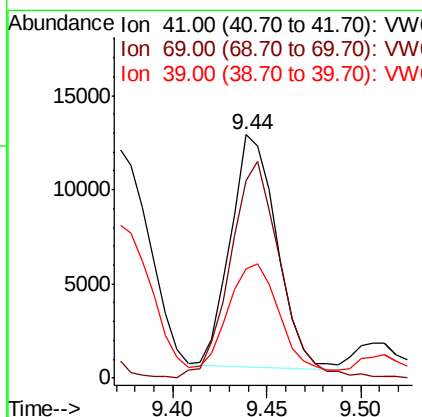
RT: 9.44 min Scan# 1236

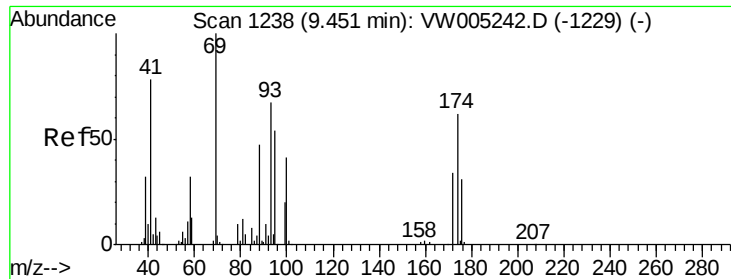
Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	41	Resp:	21087
Ion Ratio	Lower	Upper	
41	100		
69	101.2	74.6	112.0
39	49.8	36.7	55.1





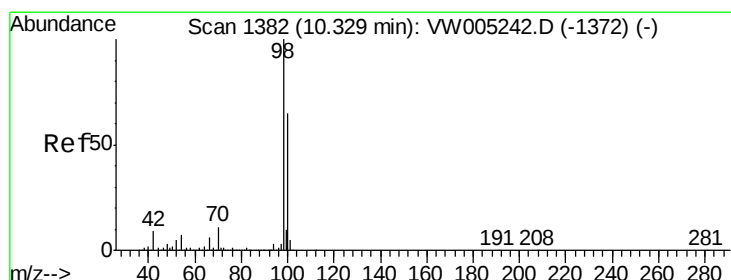
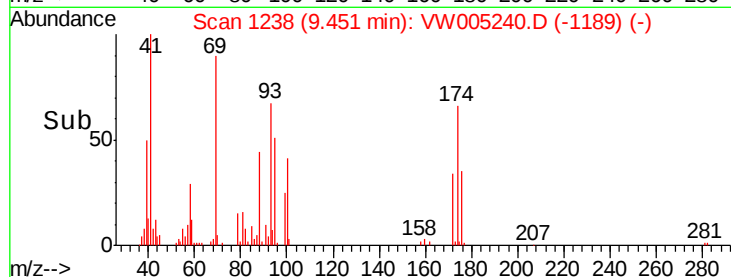
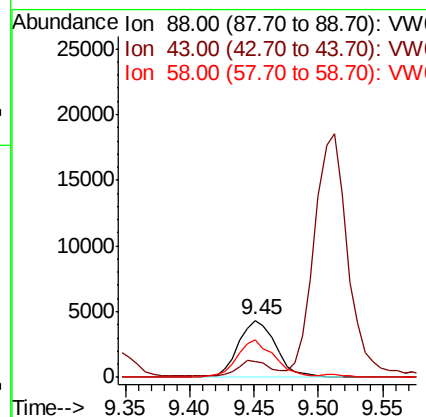
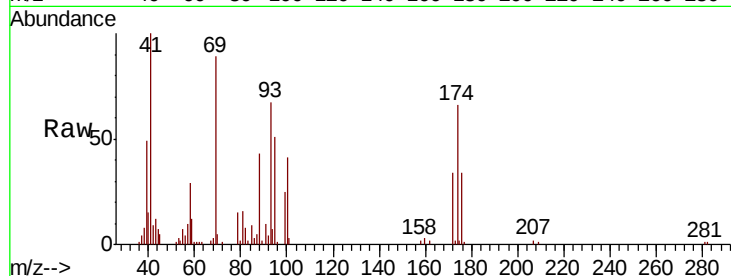
#49
1,4-Dioxane
Concen: 220.08 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.3	22.7	34.1
58	65.2	56.6	85.0

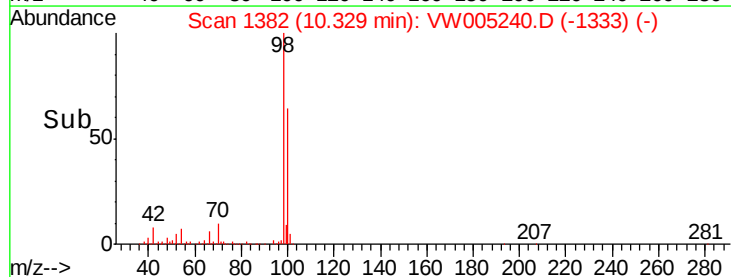
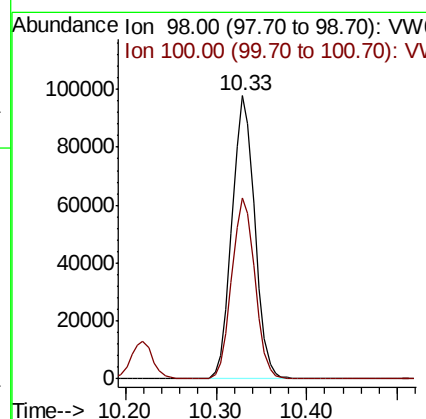
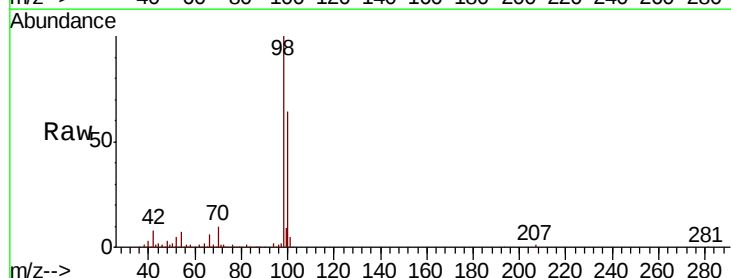
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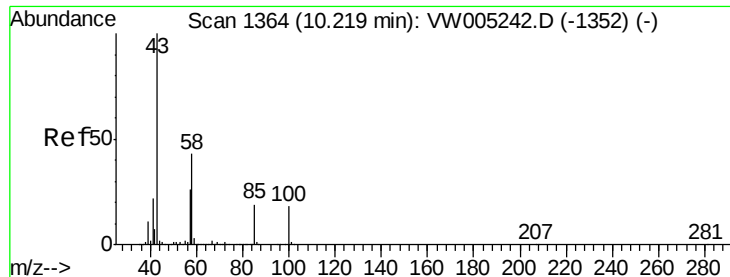
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#50
Toluene-d8
Concen: 9.53 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 51.44 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 126793

Ion Ratio Lower Upper

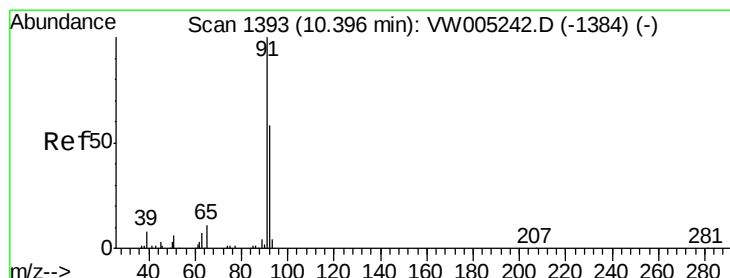
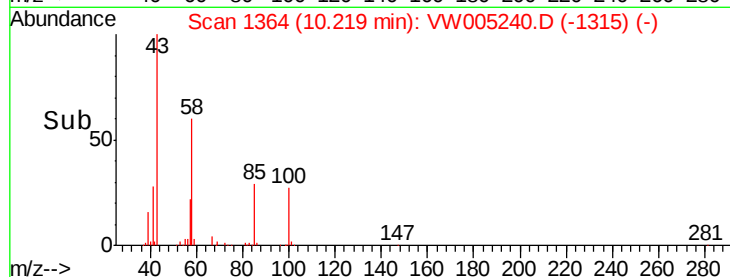
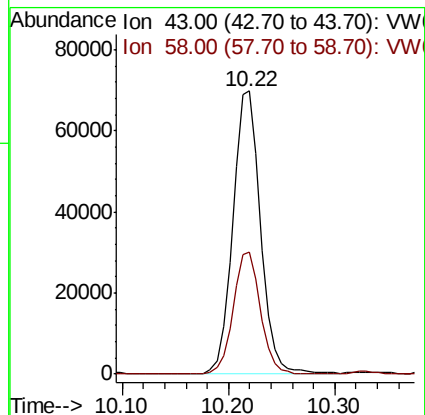
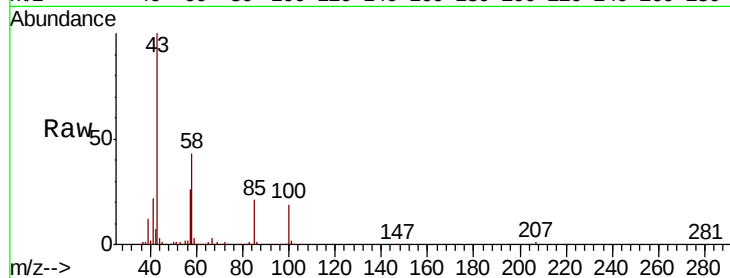
43 100

58 42.5 33.8 50.6

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#52

Toluene

Concen: 10.78 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005240.D

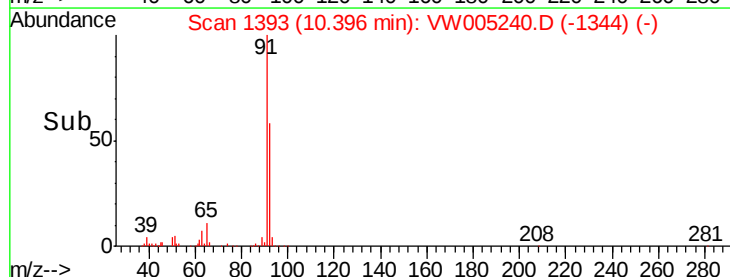
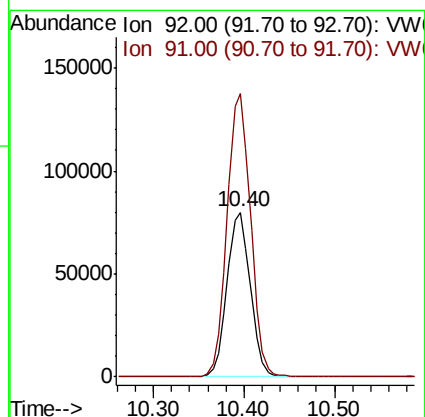
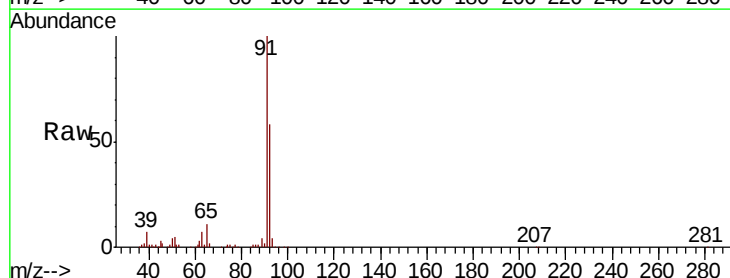
Acq: 10 Sep 2018 14:32

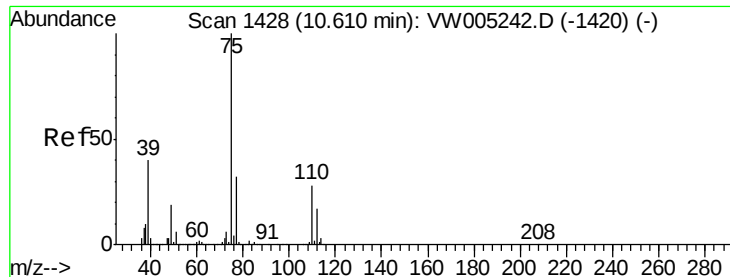
Tgt Ion: 92 Resp: 143069

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 10.14 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 57593

Ion Ratio Lower Upper

75 100

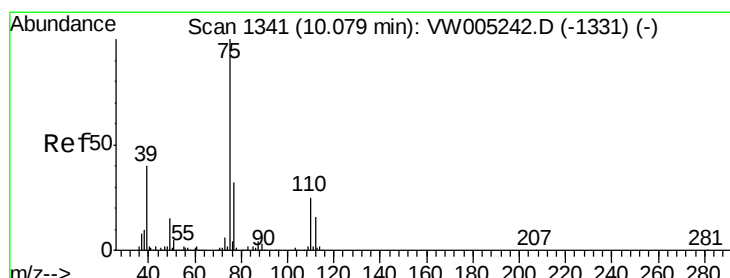
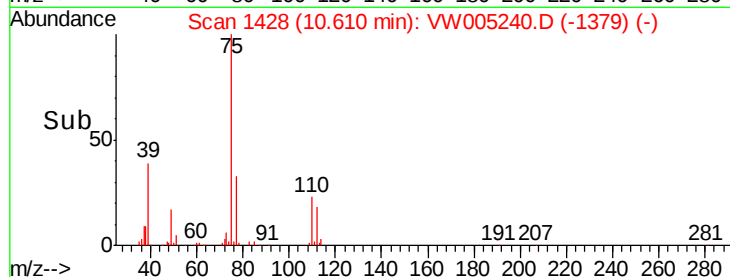
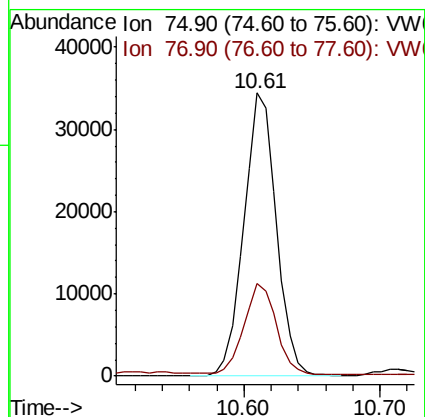
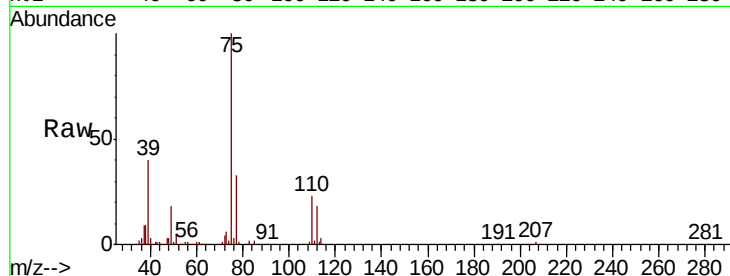
77 32.2 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 10.22 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

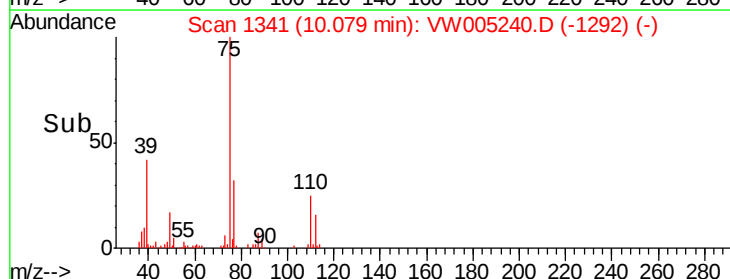
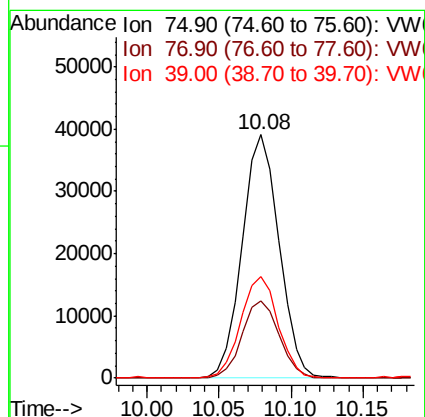
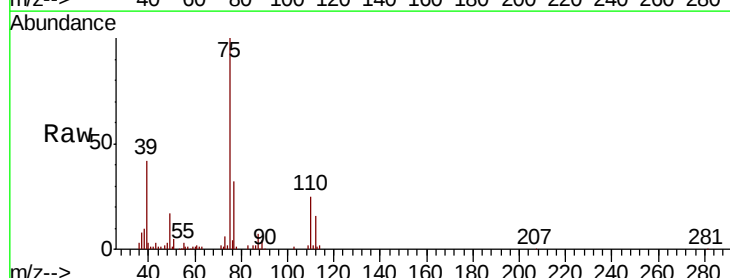
Tgt Ion: 75 Resp: 69563

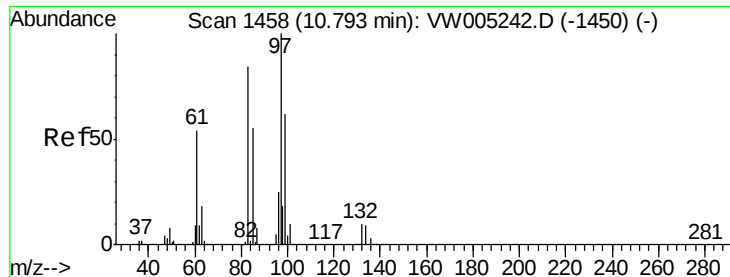
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 41.9 31.8 47.6





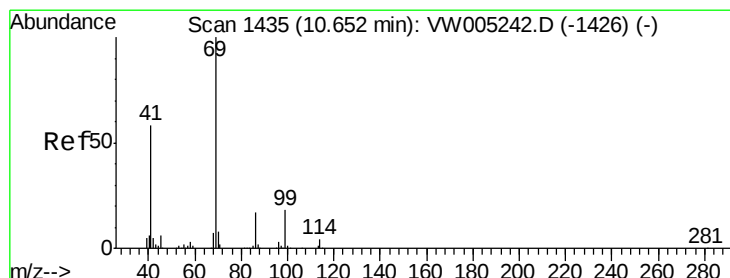
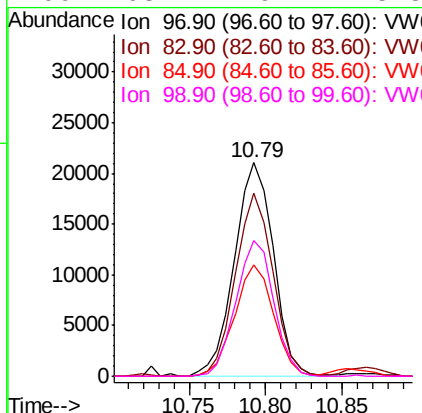
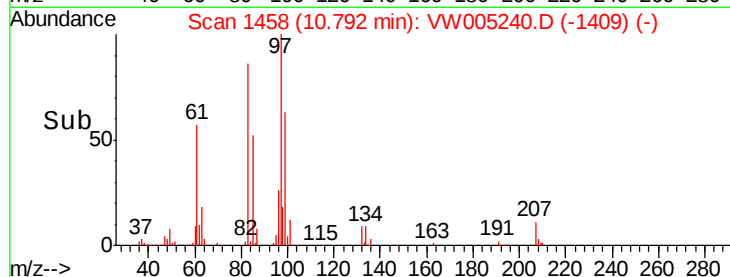
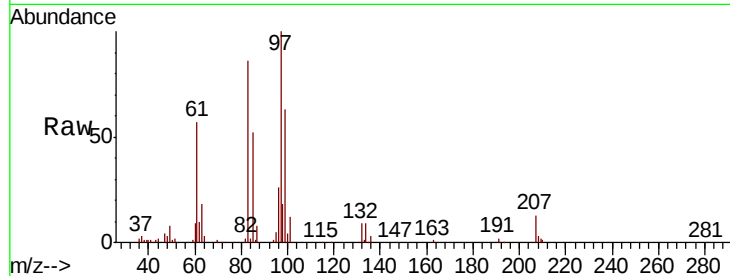
#55
 1,1,2-Trichloroethane
 Concen: 10.94 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	37507
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.2	100.8
85	52.3	44.4	66.6
99	63.4	49.2	73.8

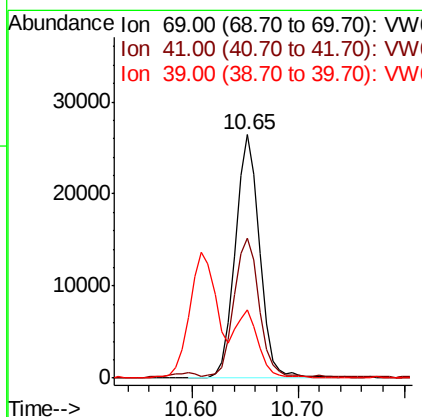
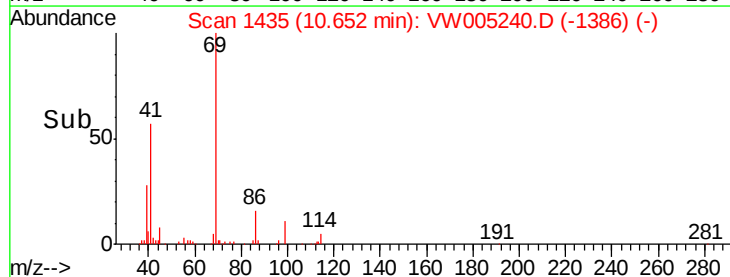
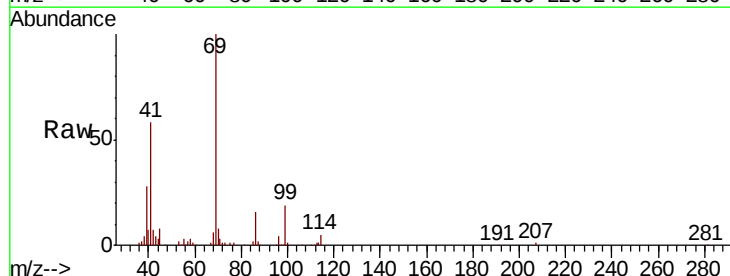
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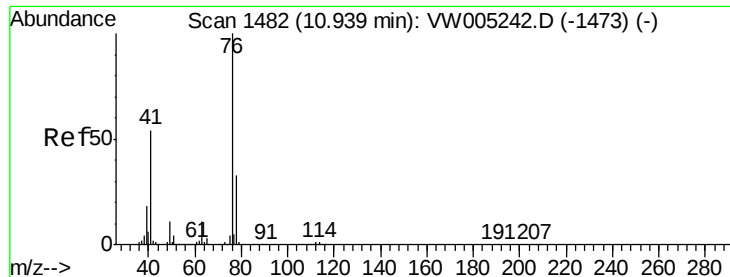
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#56
 Ethyl methacrylate
 Concen: 9.84 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion:	69	Resp:	42755
Ion	Ratio	Lower	Upper
69	100		
41	58.6	48.7	73.1
39	25.2	20.9	31.3





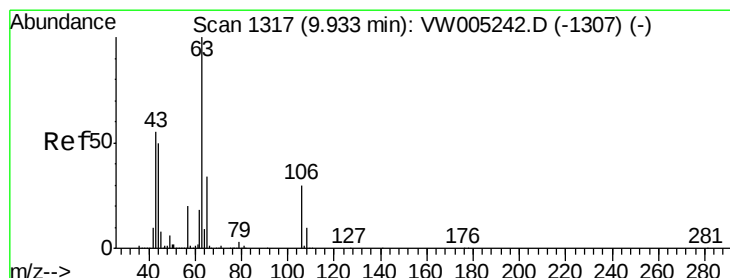
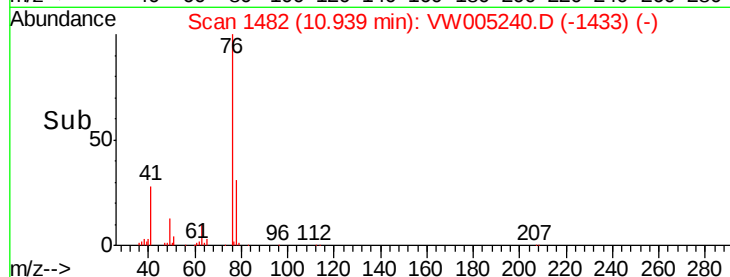
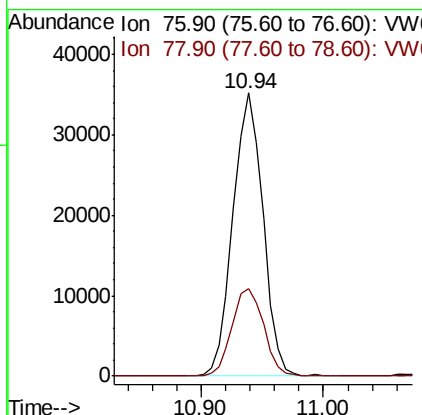
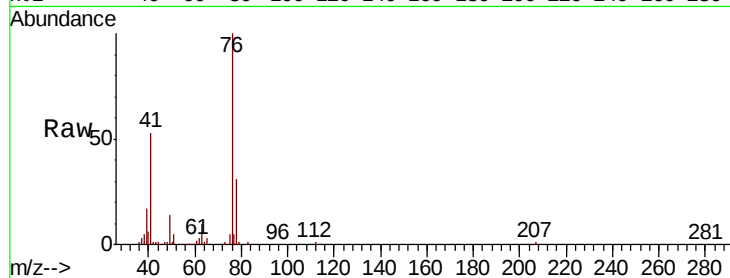
#57
 1,3-Dichloropropane
 Concen: 10.50 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

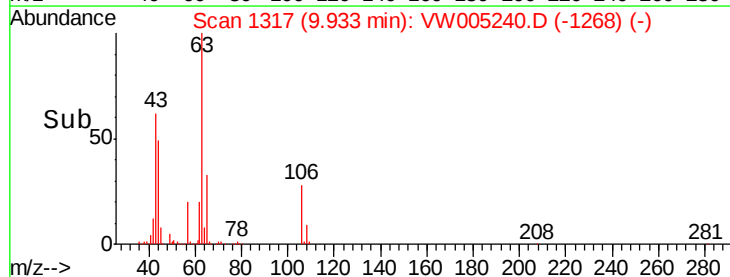
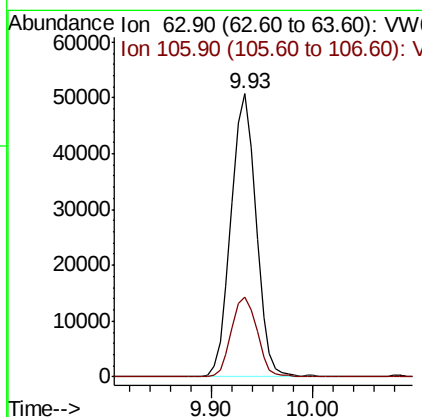
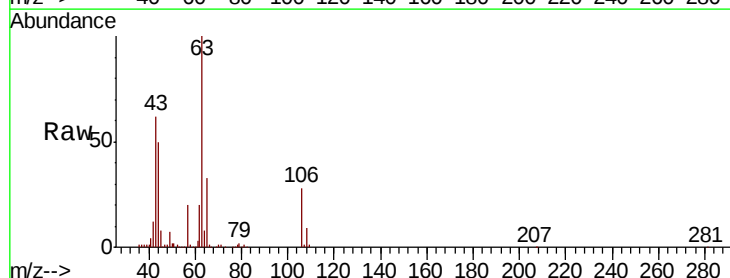
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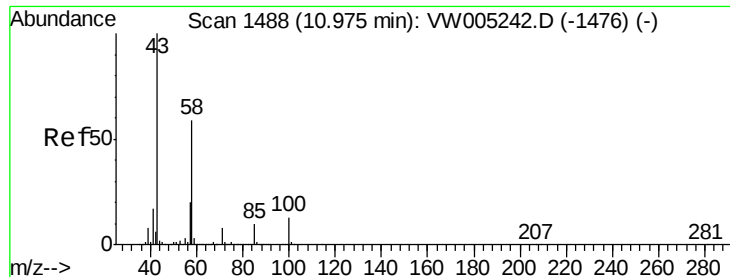
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#58
 2-Chloroethyl Vinyl ether
 Concen: 45.92 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.4	35.0





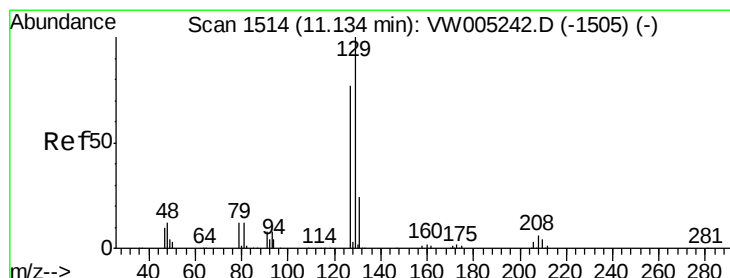
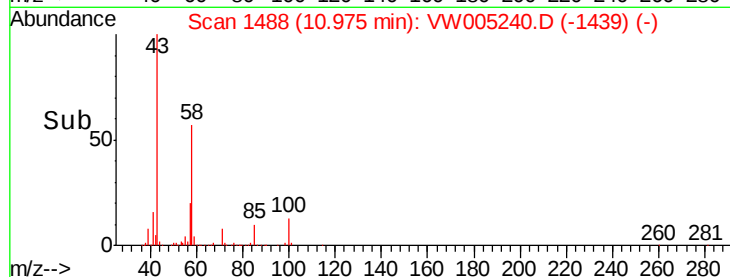
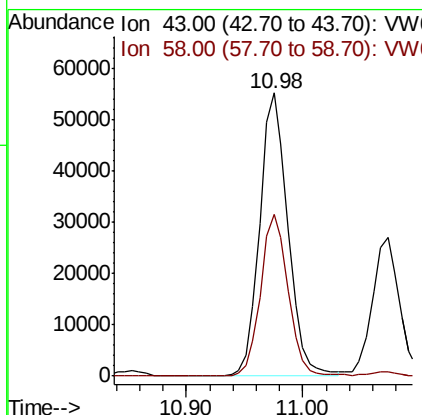
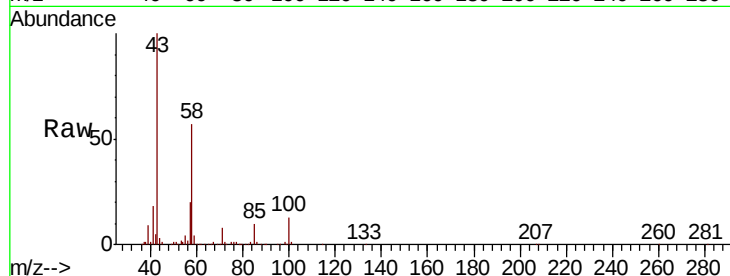
#59
2-Hexanone
Concen: 52.22 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 92797
Ion Ratio Lower Upper
43 100
58 55.5 29.3 87.9

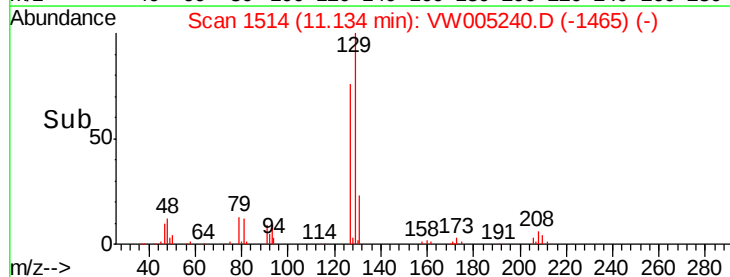
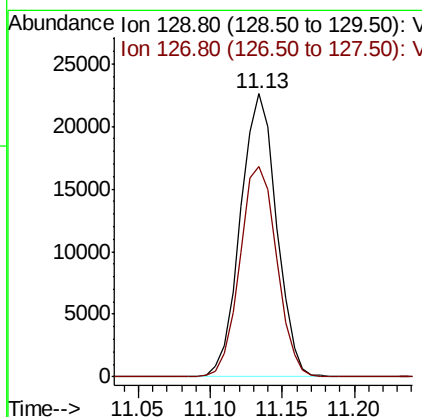
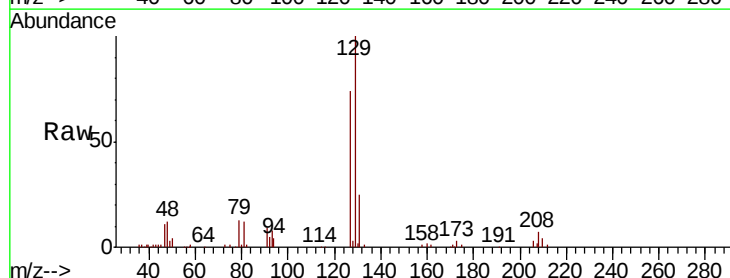
Manual Integrations
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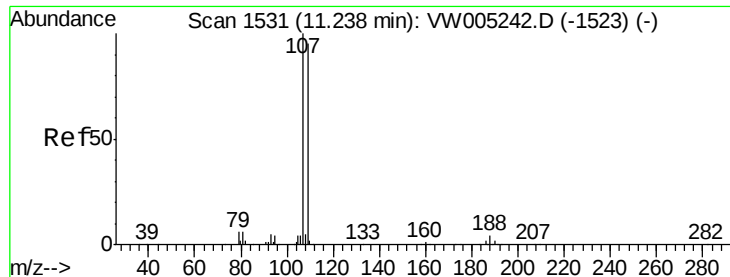
apatel
9/11/2018 11:09:16 AM



#60
Dibromochloromethane
Concen: 10.34 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 129 Resp: 39317
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 10.65 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 33473

Ion Ratio Lower Upper

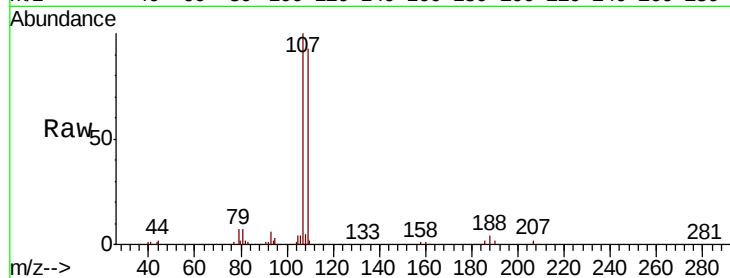
107 100

109 94.9 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

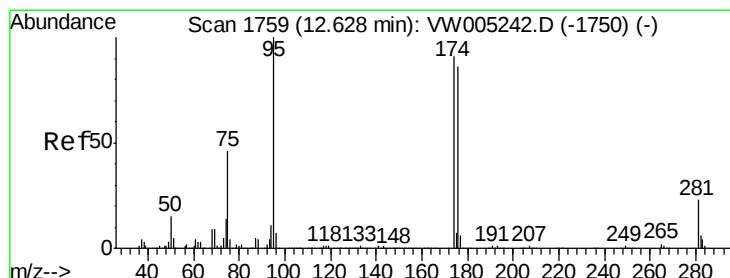
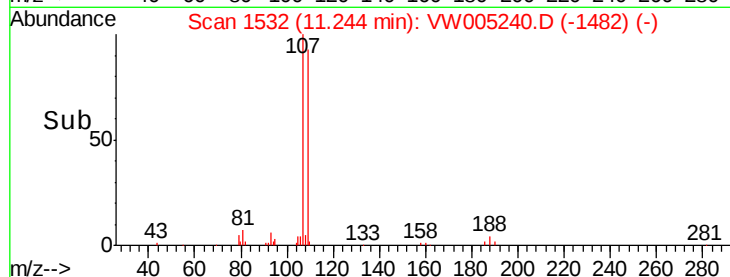
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 9.46 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

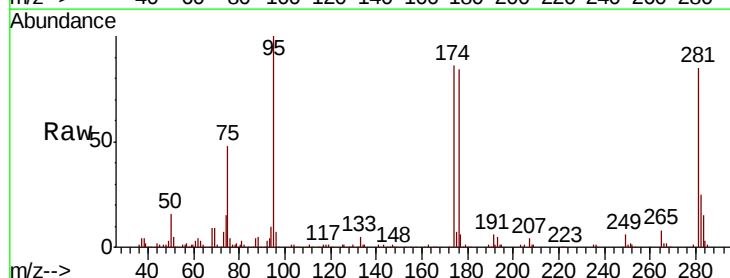
Tgt Ion: 95 Resp: 62011

Ion Ratio Lower Upper

95 100

174 88.3 0.0 174.6

176 85.0 0.0 167.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

50000

40000

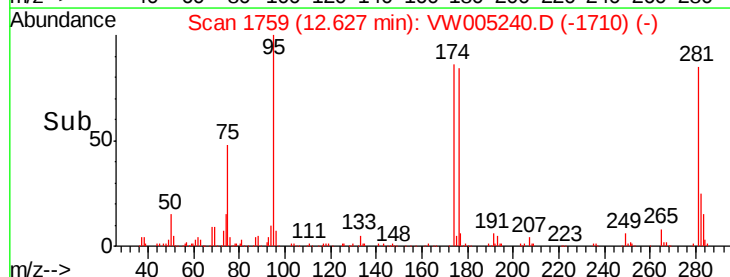
30000

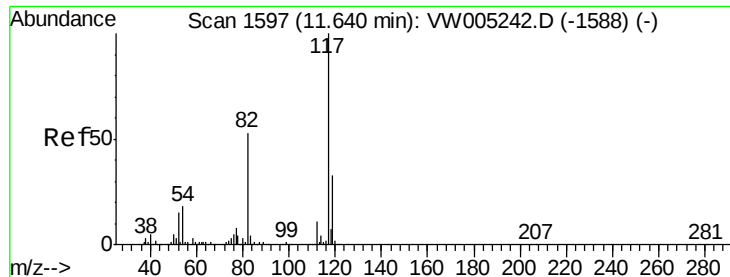
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





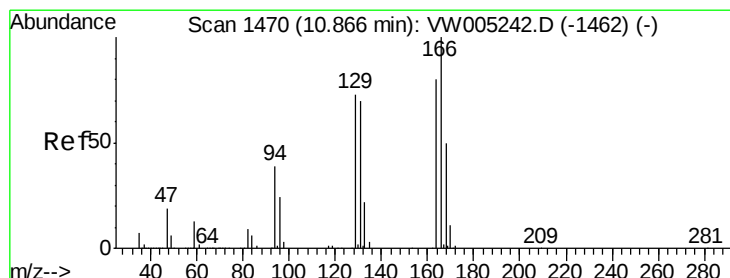
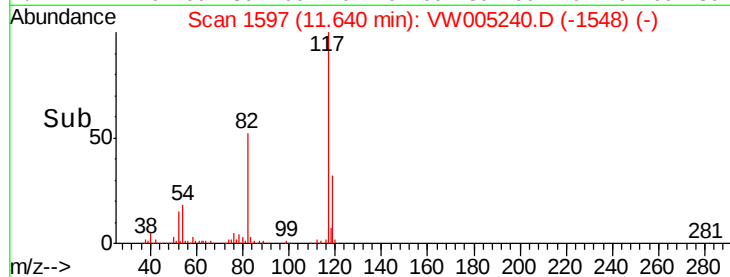
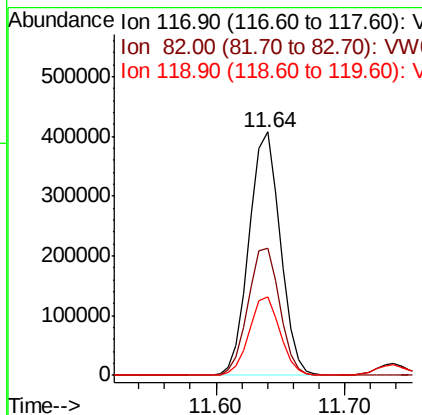
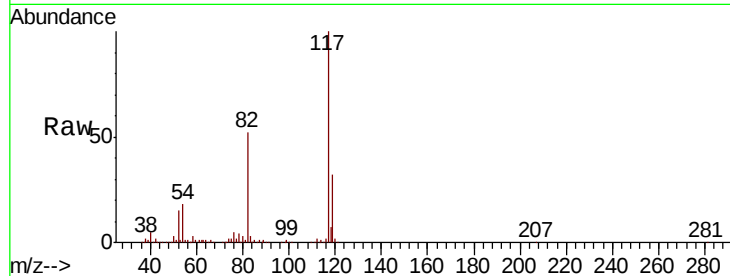
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	681470		
82	52.0		42.6	63.8
119	32.1		26.2	39.4

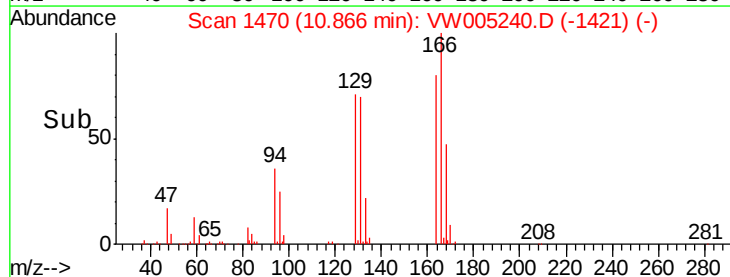
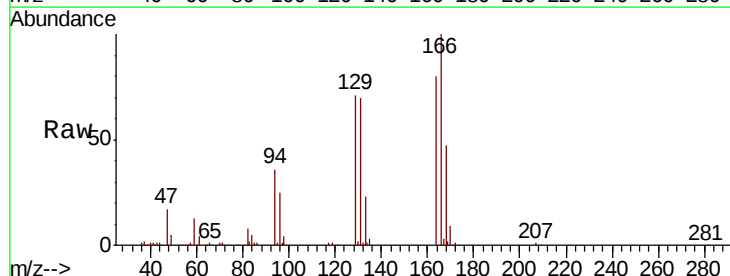
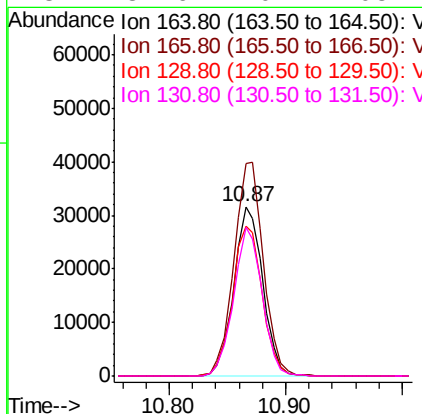
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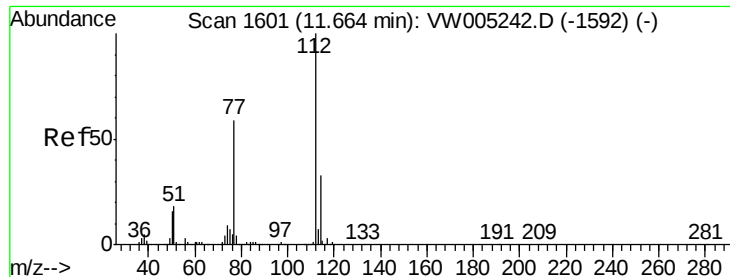
apatel
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#64
Tetrachloroethene
Concen: 10.83 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54760		
166	125.5		100.2	150.2
129	88.5		73.2	109.8
131	87.6		70.2	105.4





#65

Chlorobenzene

Concen: 10.73 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 160159

Ion Ratio Lower Upper

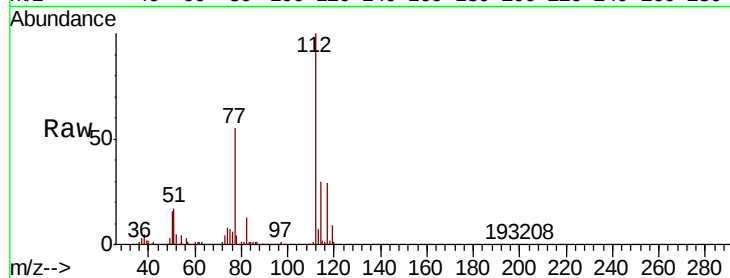
112 100

114 30.1 26.2 39.4

Manual Integrations
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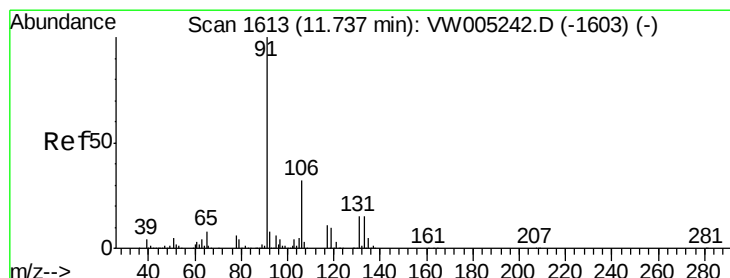
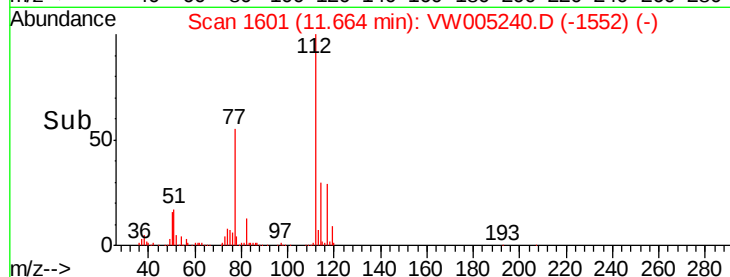
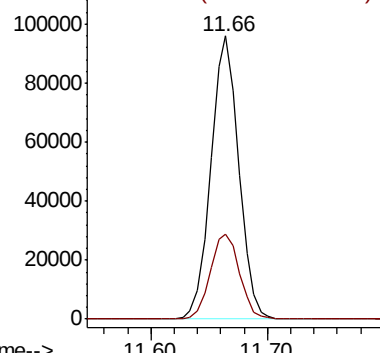
apatel

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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: 10.27 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

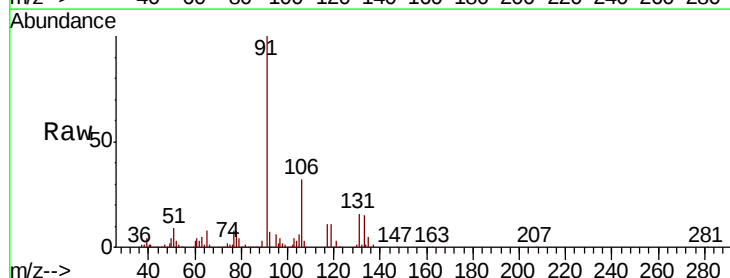
Tgt Ion:131 Resp: 45762

Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.3

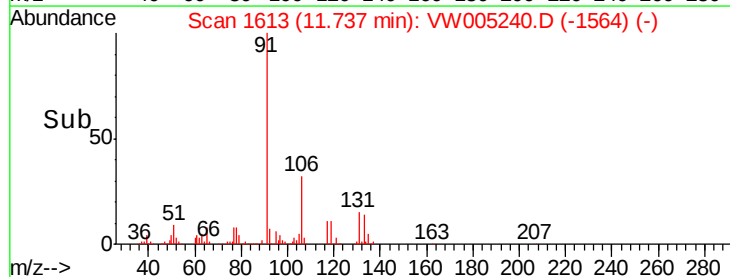
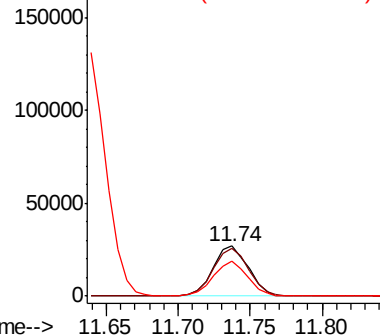
119 67.3 33.4 100.1

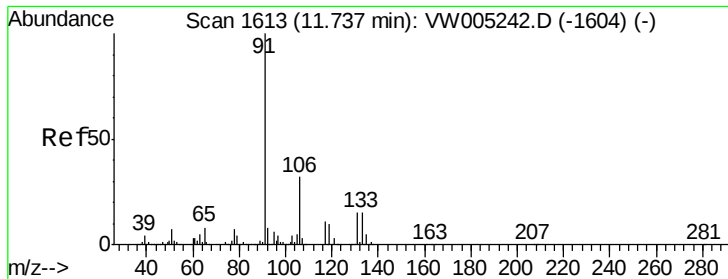


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





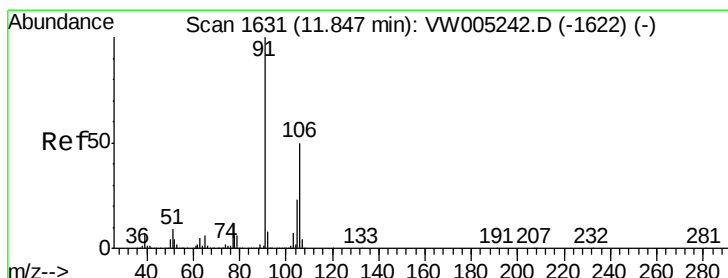
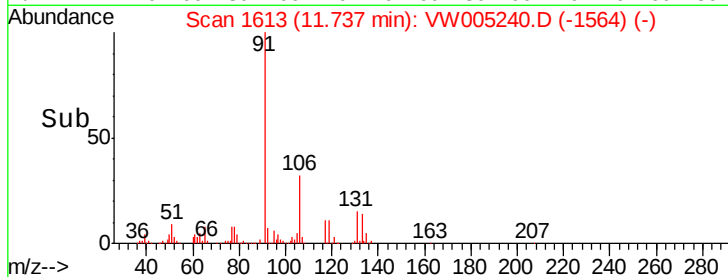
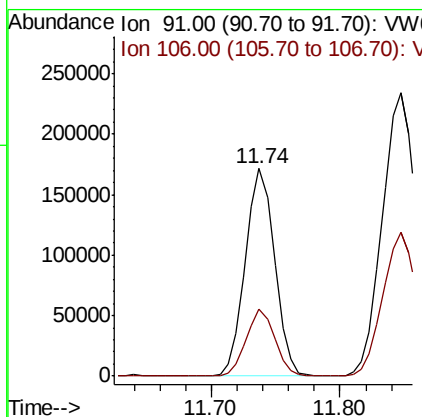
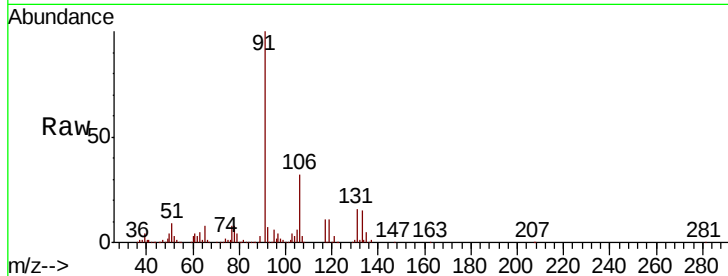
#67
Ethyl Benzene
Concen: 10.40 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 270425
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

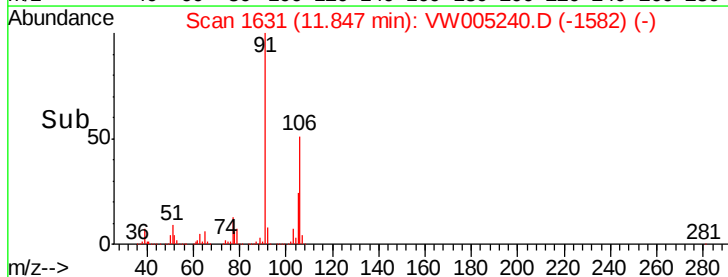
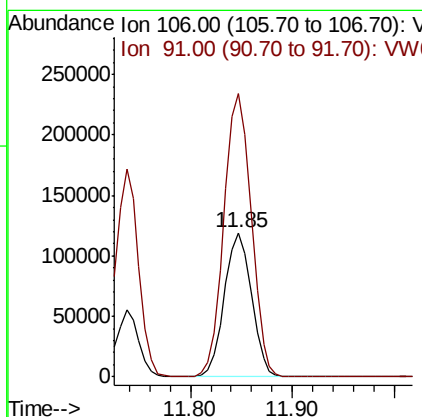
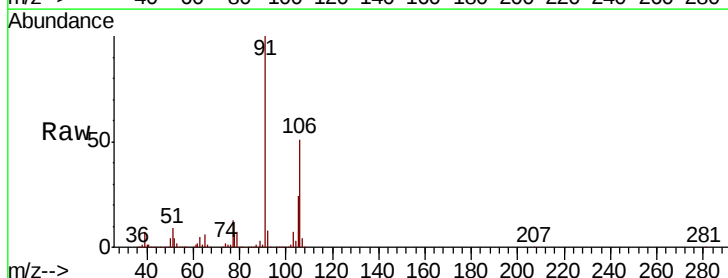
Manual Integrations
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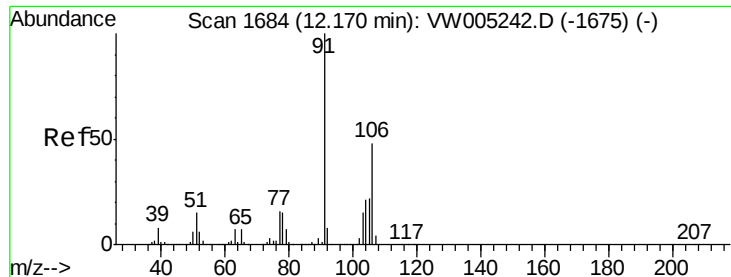
apatel
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#68
m/p-Xylenes
Concen: 21.00 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 106 Resp: 219957
Ion Ratio Lower Upper
106 100
91 198.0 160.2 240.2





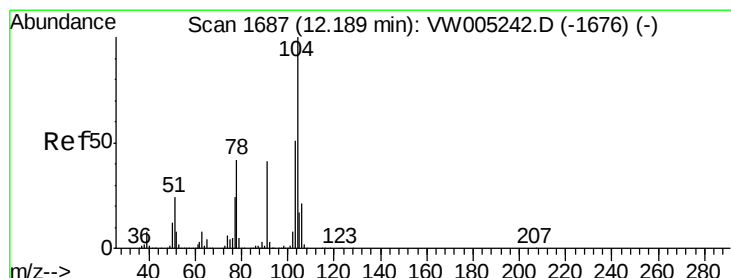
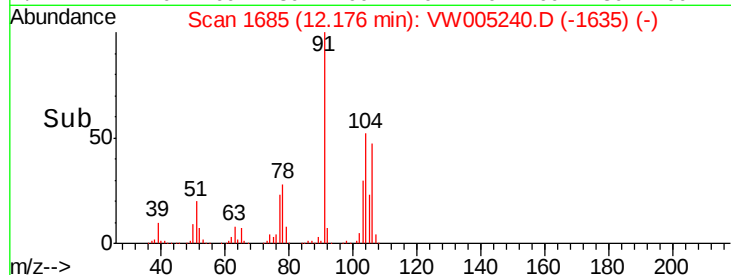
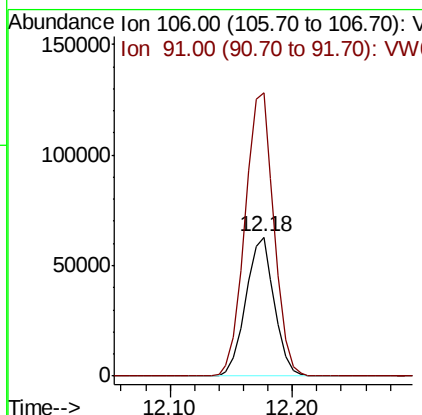
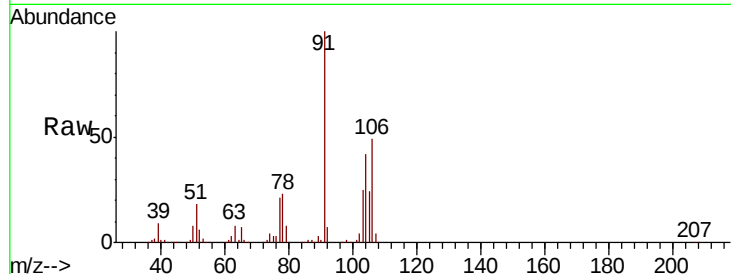
#69
o-Xylene
Concen: 10.38 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.7	104.1	312.3

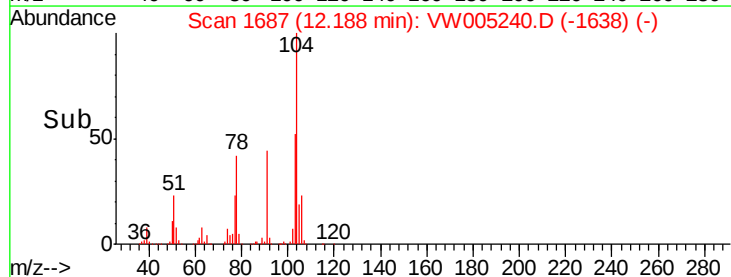
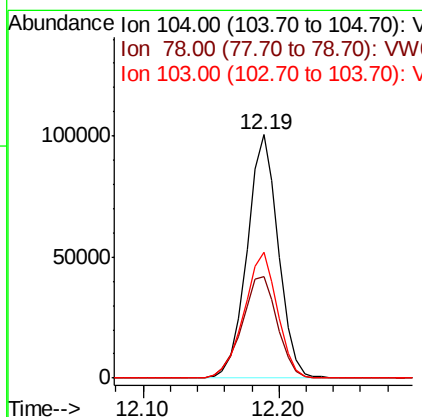
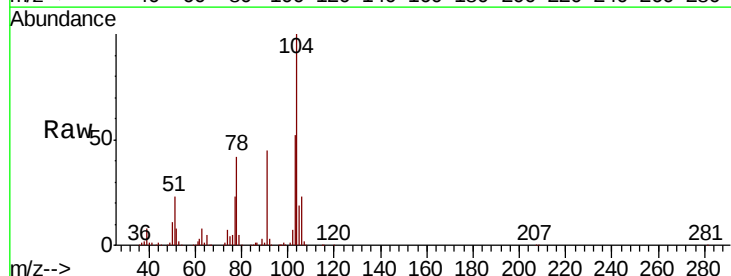
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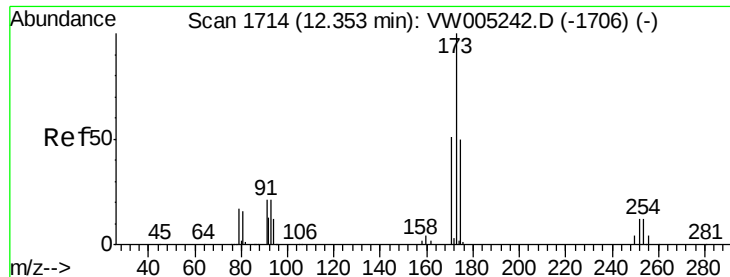
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#70
Styrene
Concen: 10.14 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.4	56.2
103	55.4	44.1	66.1





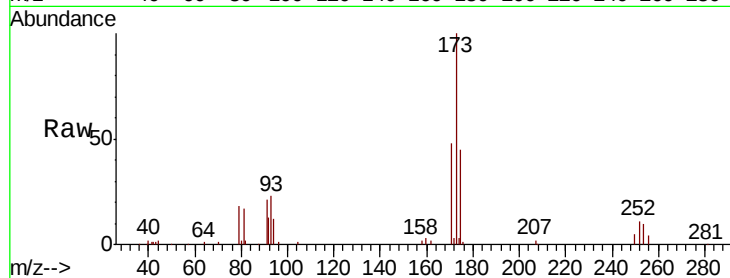
#71
Bromoform
Concen: 10.25 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.9	74.6
254	0.0	0.1	0.1#

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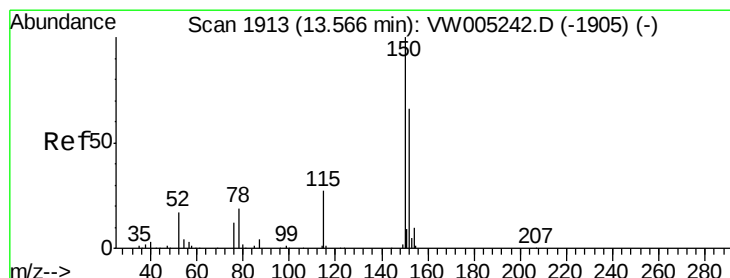
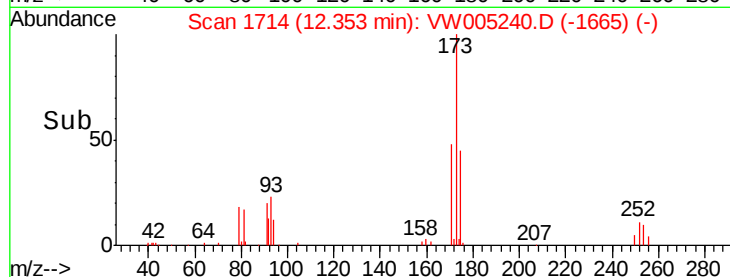
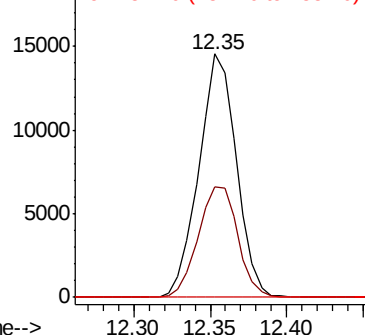


Abundance

Ion 172.70 (172.40 to 173.40): V

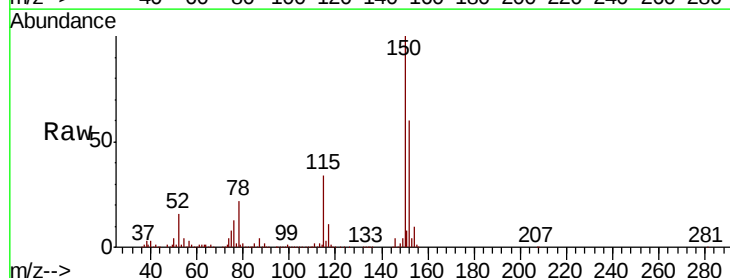
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.4
150	162.1	0.0	347.4

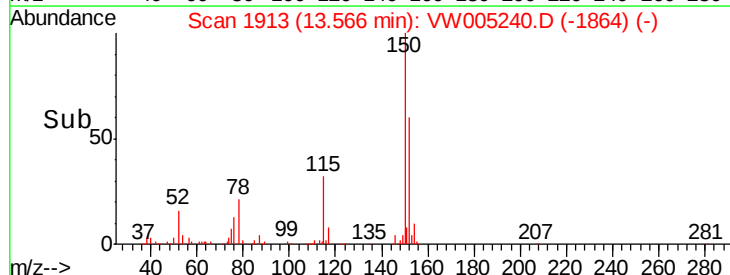
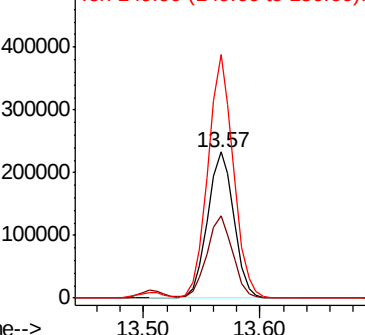


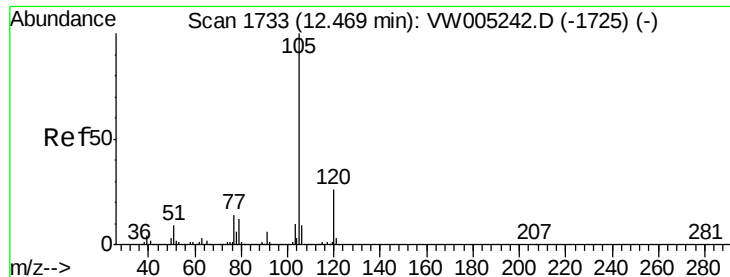
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.45 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 270335

Ion Ratio Lower Upper

105 100

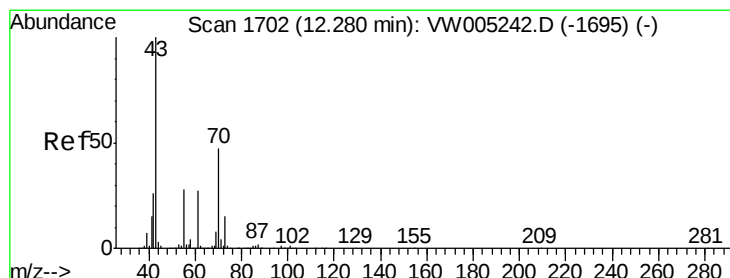
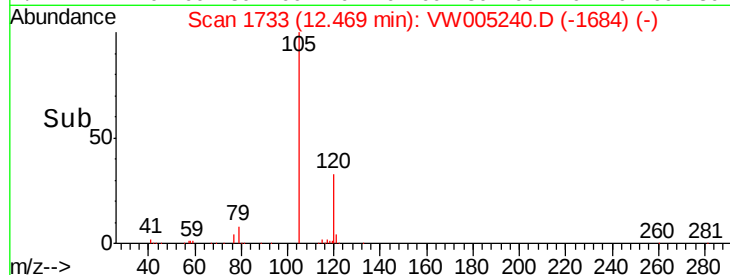
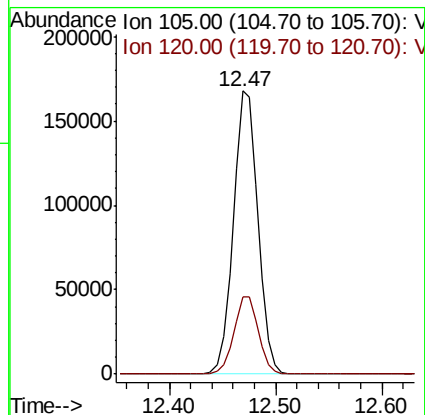
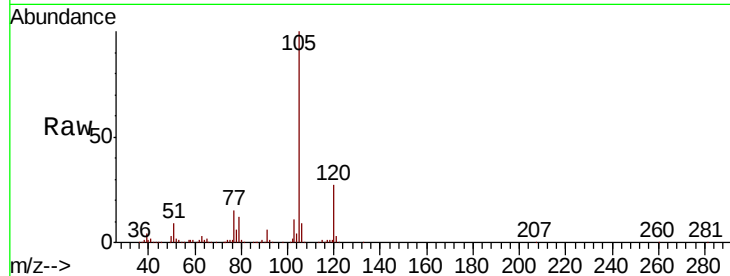
120 27.3 13.4 40.1

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#74

N-ethyl acetate

Concen: 10.17 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion: 43 Resp: 50074

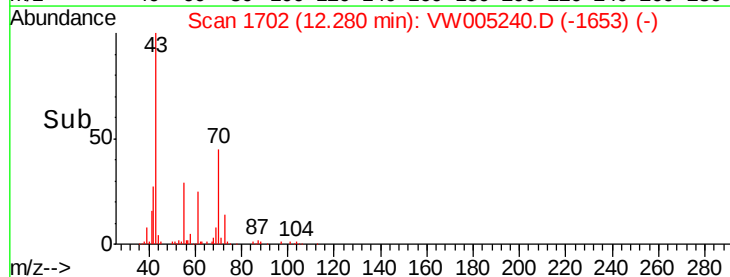
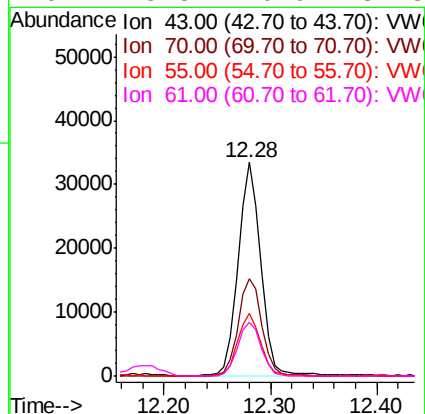
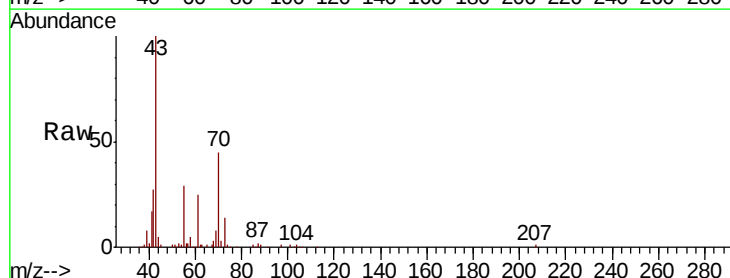
Ion Ratio Lower Upper

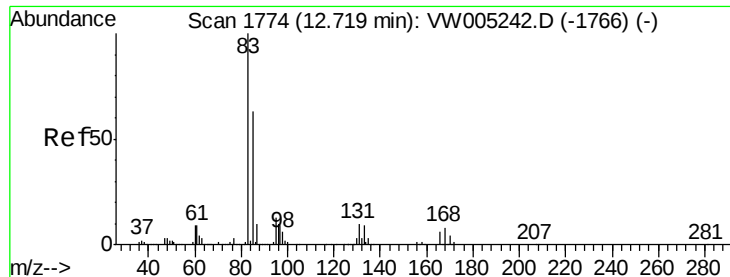
43 100

70 47.5 37.9 56.9

55 29.8 22.6 33.8

61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.79 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

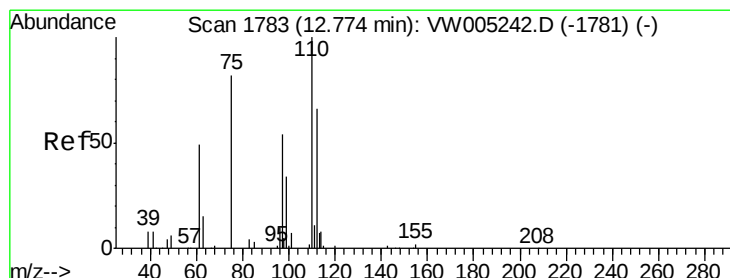
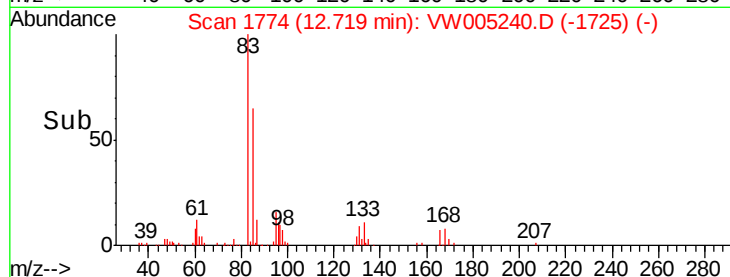
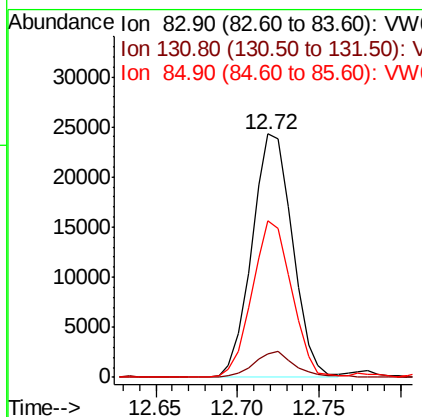
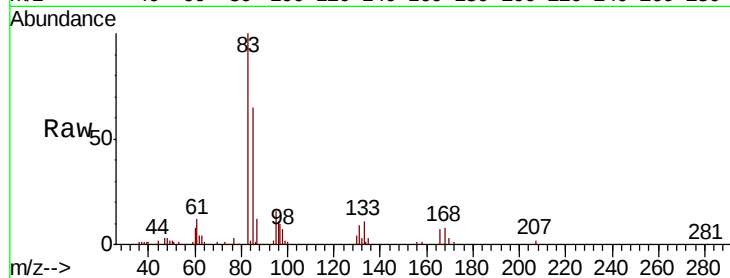
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	41966
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	62.9	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 6.10 ug/l m

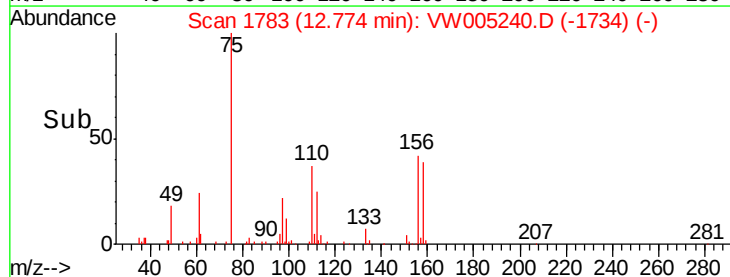
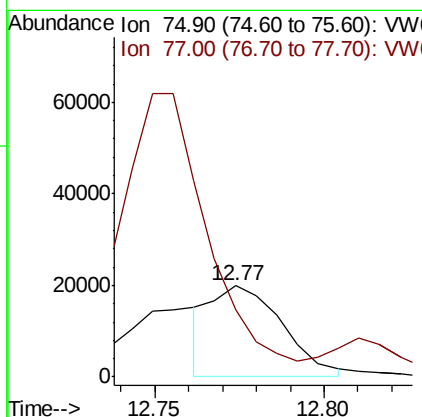
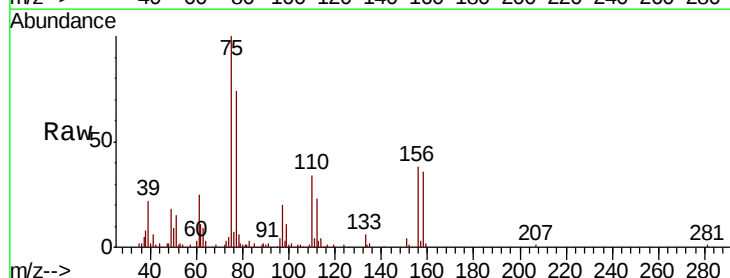
RT: 12.77 min Scan# 1783

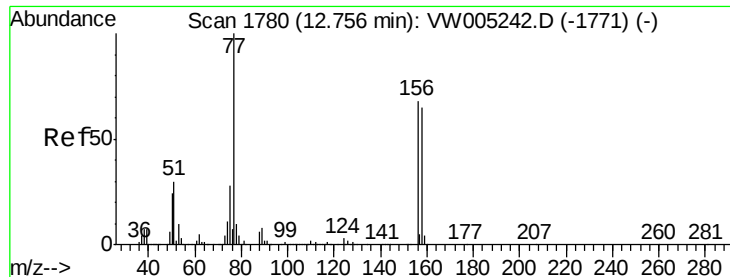
Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	75	Resp:	28999
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.67 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

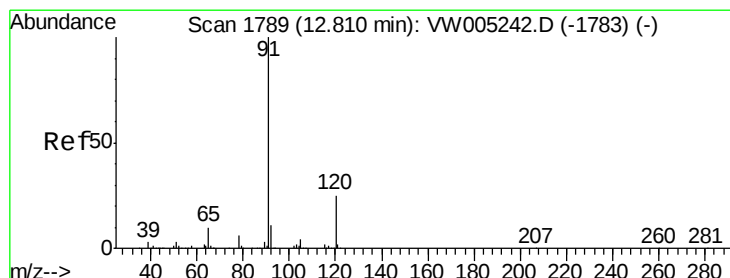
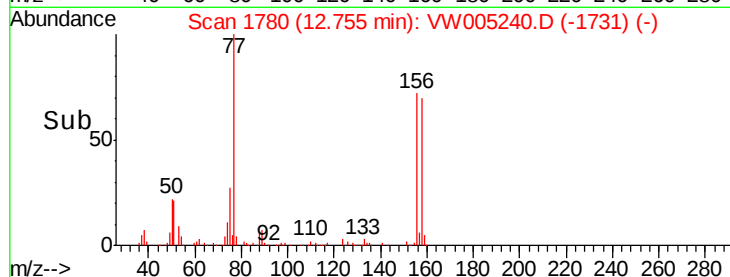
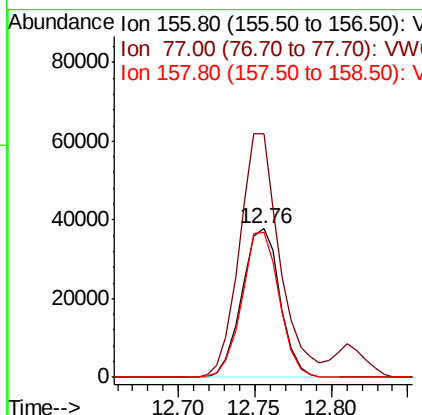
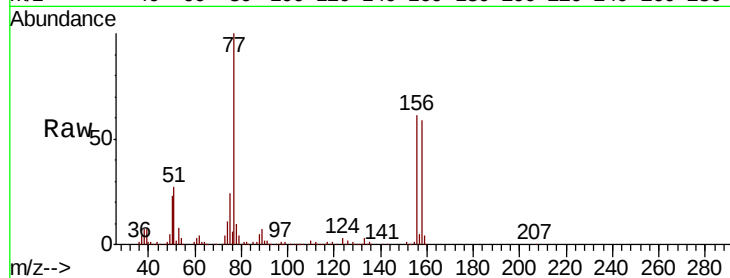
ClientSampled :

VSTDIC010

Tot Ion:	156	Resp:	65052
Ion Ratio	Lower	Upper	
156	100		
77	173.9	86.3	258.8
158	95.7	48.6	145.8

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#78

n-propylbenzene

Concen: 10.51 ug/l

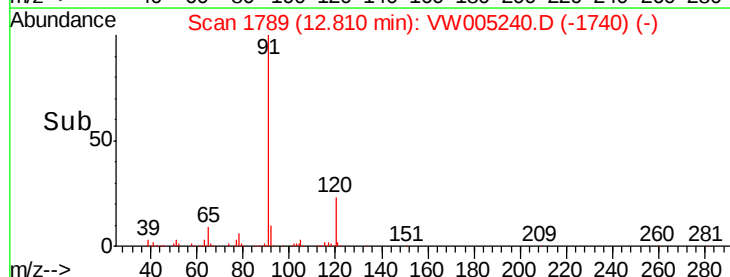
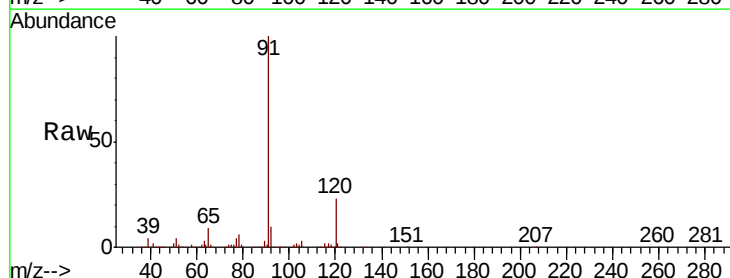
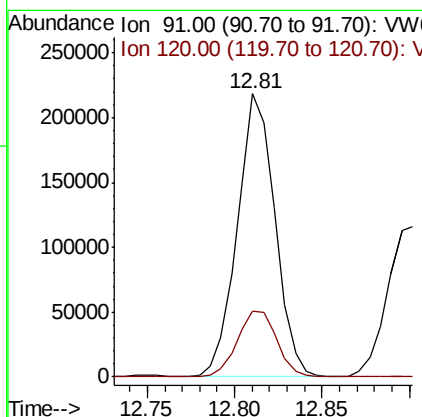
RT: 12.81 min Scan# 1789

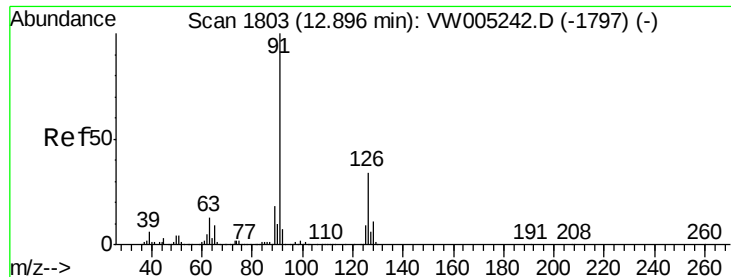
Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion:	91	Resp:	326634
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.0	36.0





#79

2-Chlorotoluene

Concen: 10.69 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 190528

Ion Ratio Lower Upper

91 100

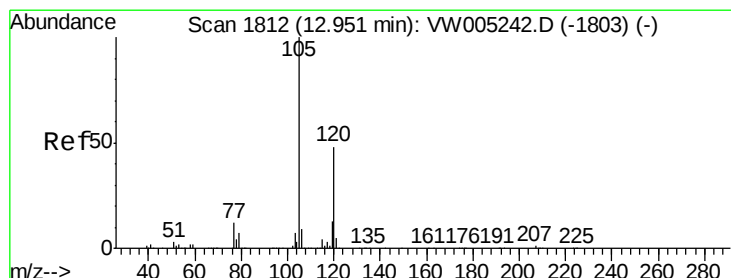
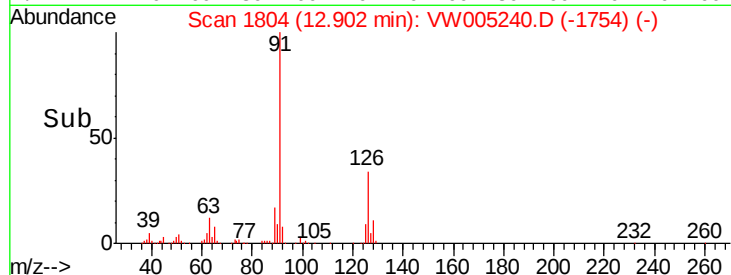
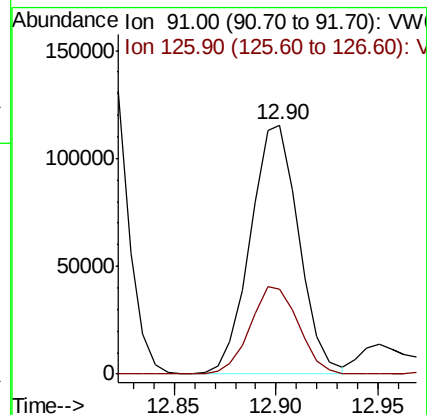
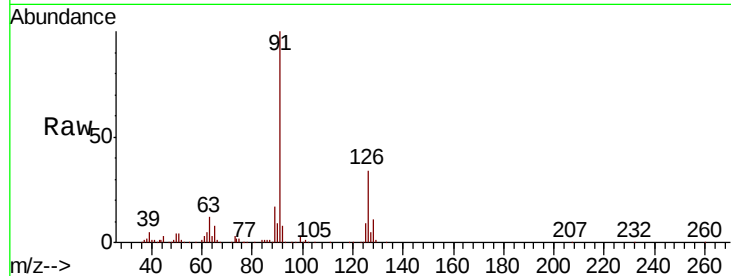
126 35.3 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 10.43 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005240.D

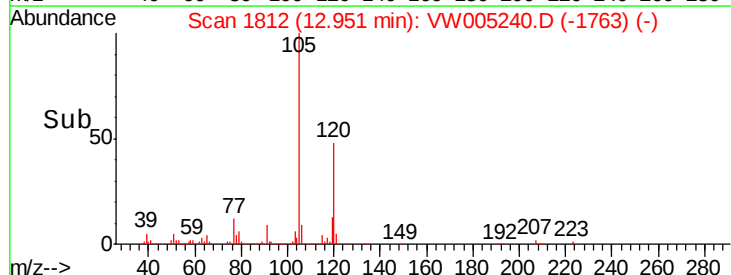
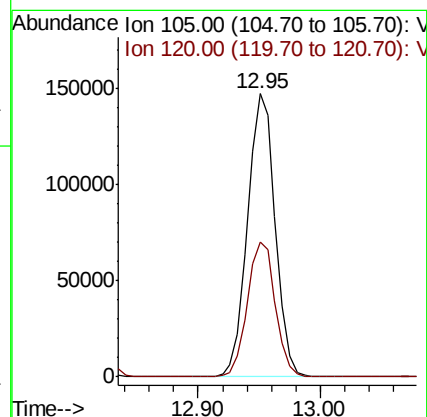
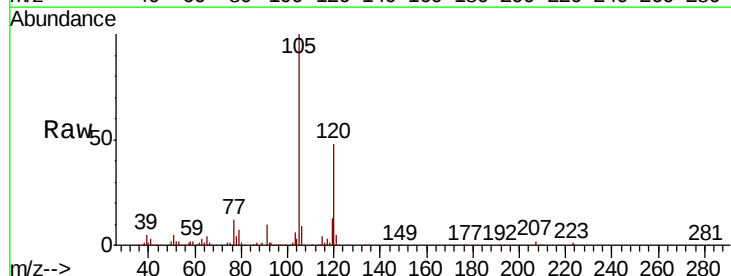
Acq: 10 Sep 2018 14:32

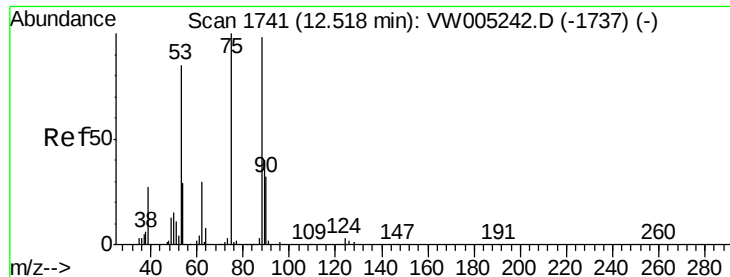
Tgt Ion: 105 Resp: 229863

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.4





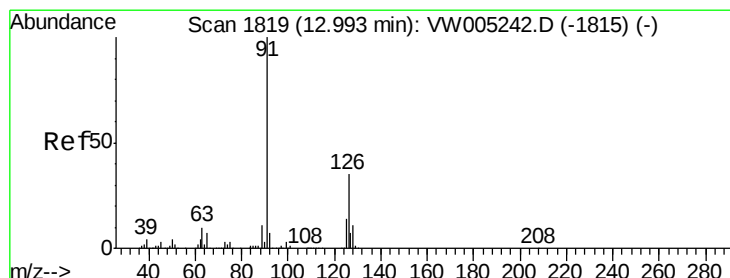
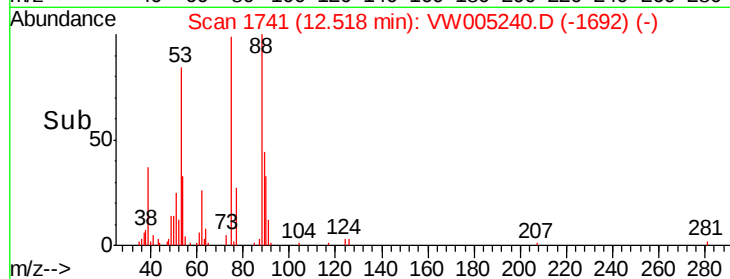
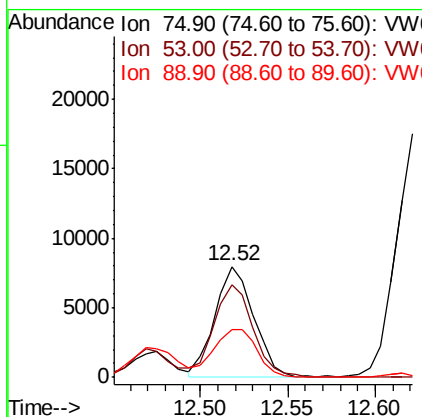
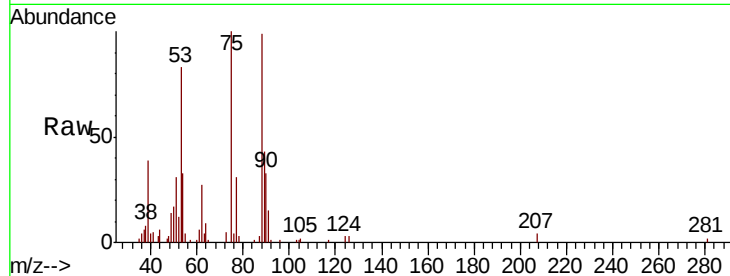
#81
trans-1,4-Dichloro-2-butene
Concen: 10.37 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.9	67.0	100.6
89	47.5	37.0	55.4

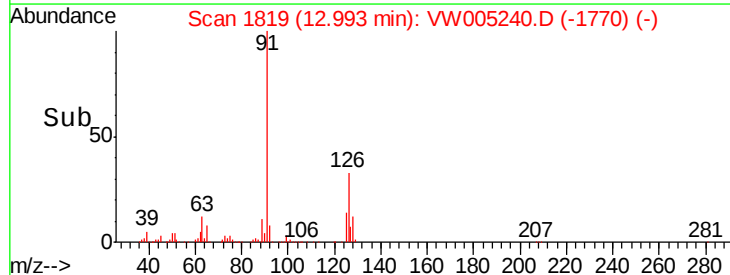
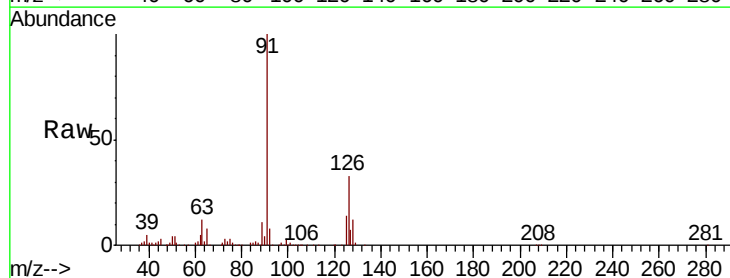
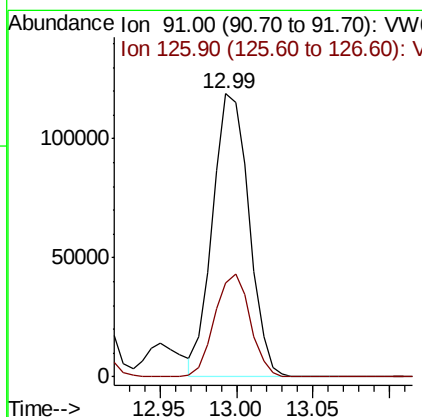
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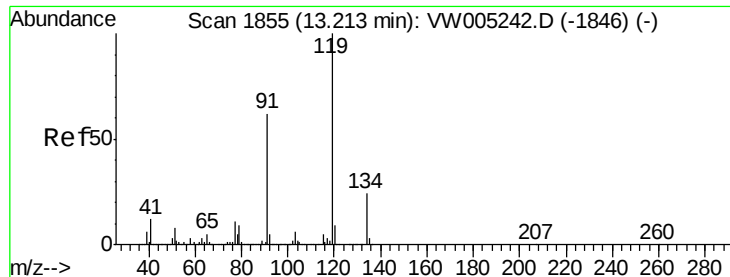
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#82
4-Chlorotoluene
Concen: 10.47 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.5





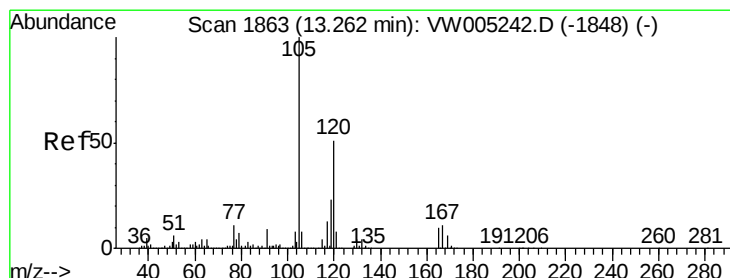
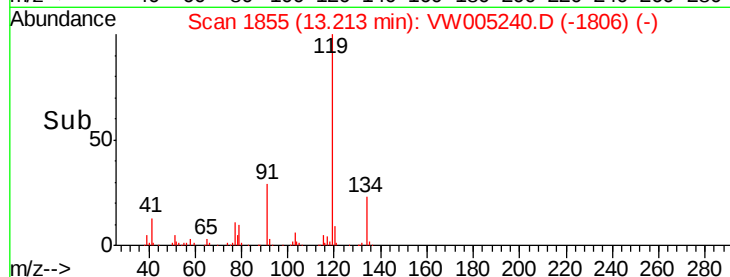
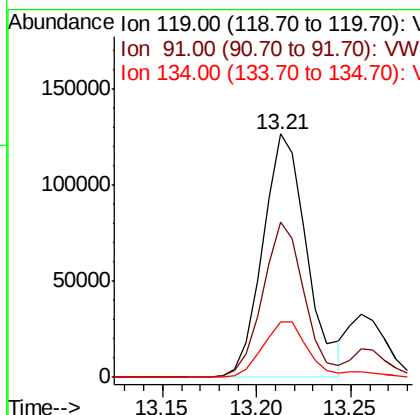
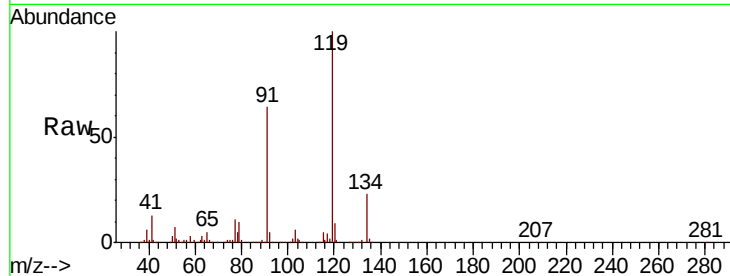
#83
 tert-Butylbenzene
 Concen: 10.64 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205036		
91	60.4		31.7	95.1
134	24.9		13.0	38.9

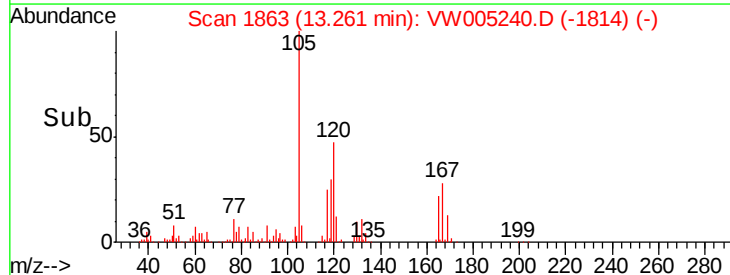
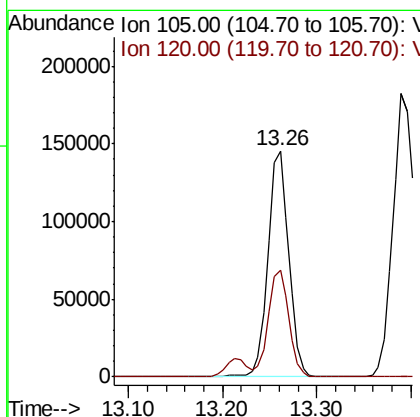
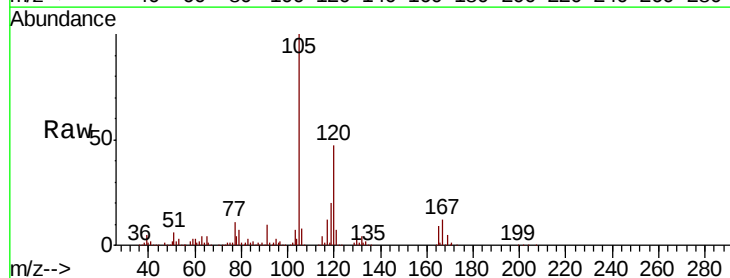
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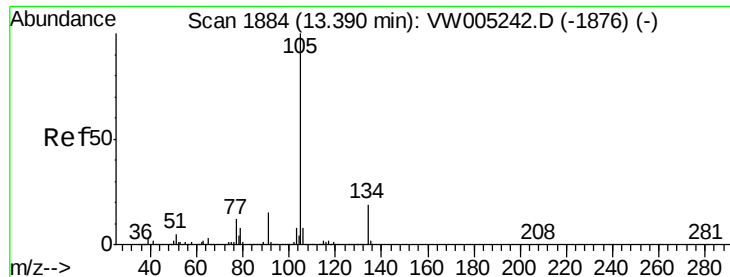
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.19 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225620		
120	46.8		23.4	70.3





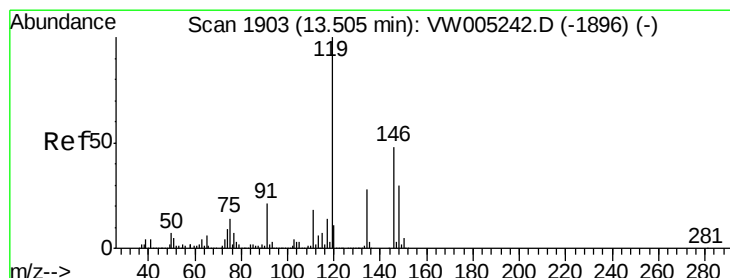
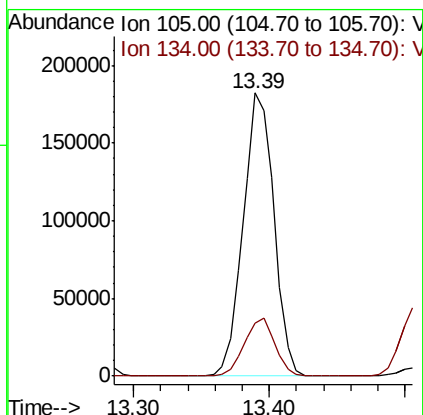
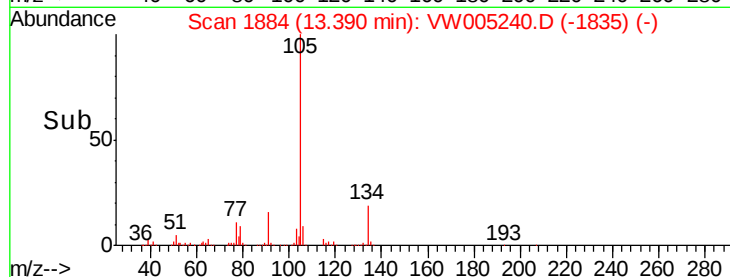
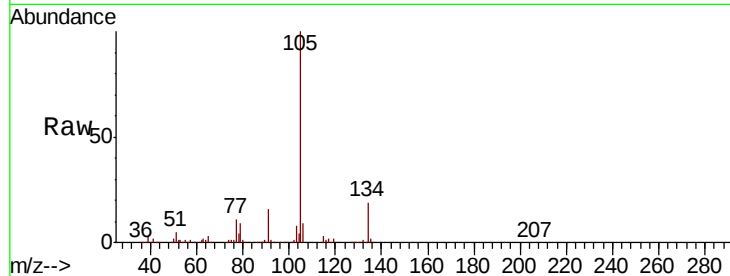
#85
 sec-Butylbenzene
 Concen: 10.41 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
105	100	288401		
134	20.2	9.9	29.7	

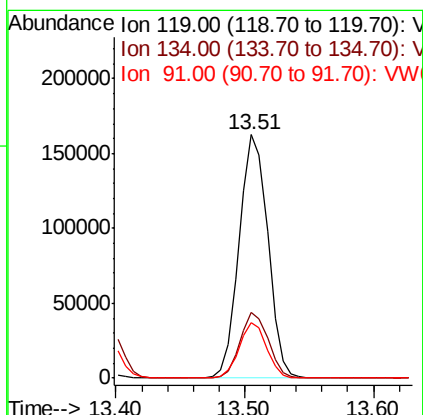
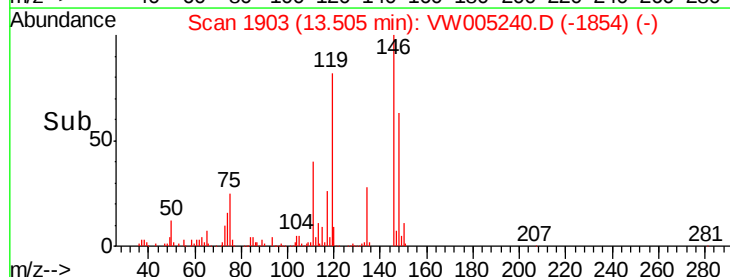
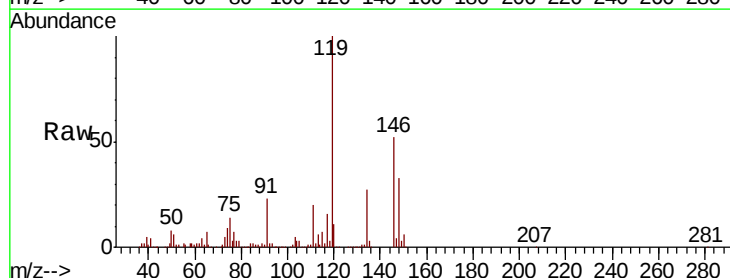
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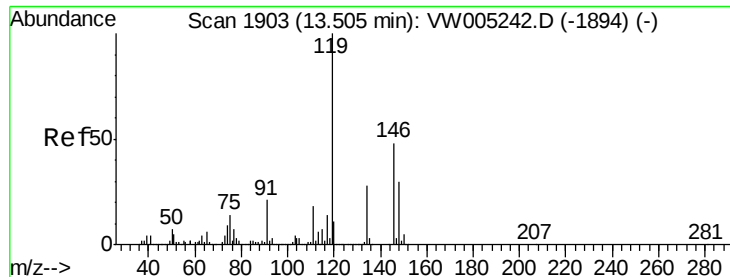
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#86
 p-Isopropyltoluene
 Concen: 10.18 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	249635		
134	26.6	13.2	39.5	
91	21.7	10.7	32.1	





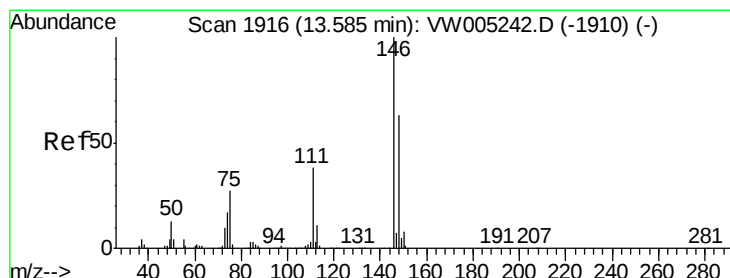
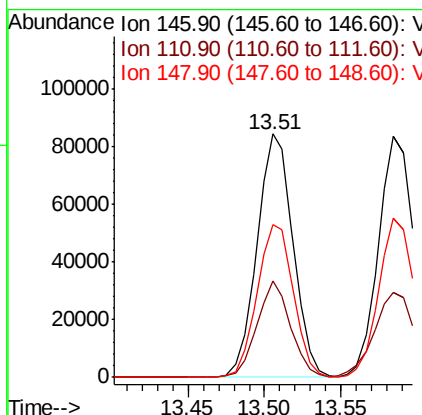
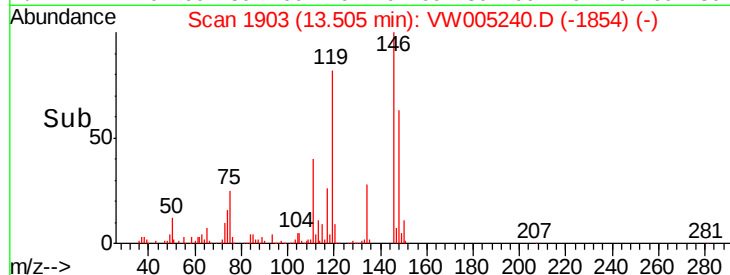
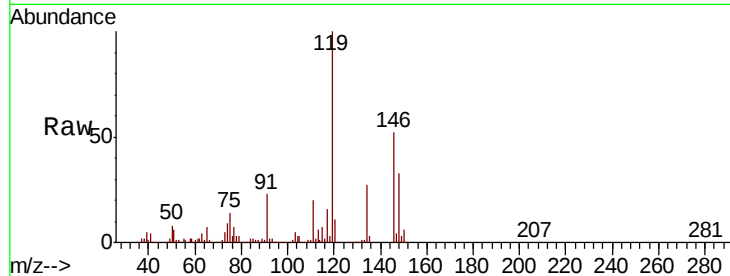
#87
 1,3-Dichlorobenzene
 Concen: 10.76 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	63.5	31.6	94.8

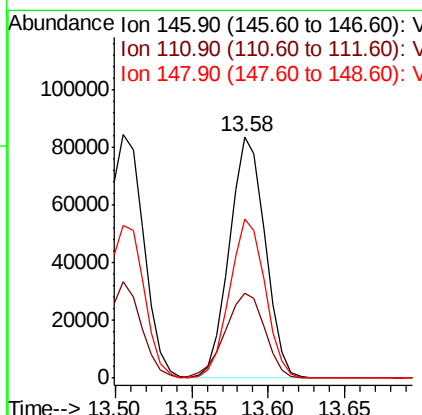
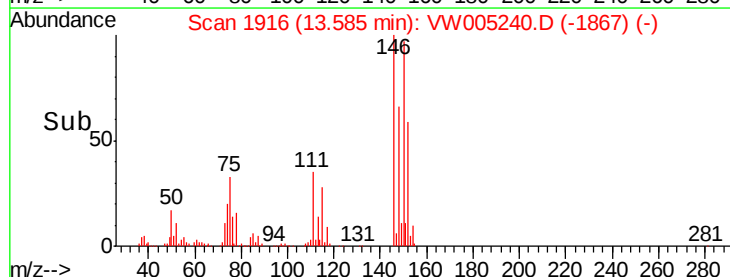
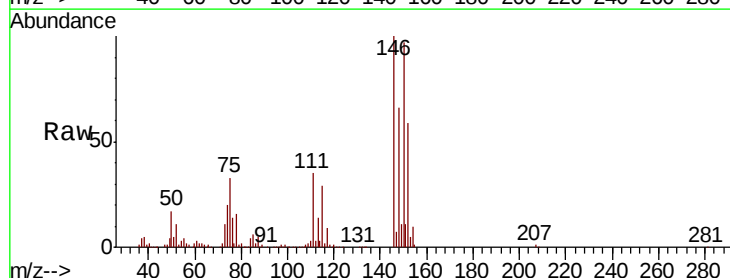
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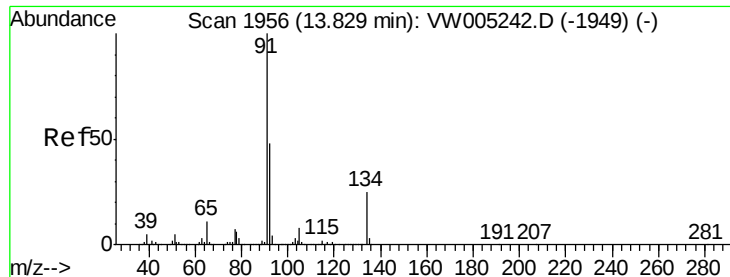
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#88
 1,4-Dichlorobenzene
 Concen: 10.79 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	65.1	32.3	96.9





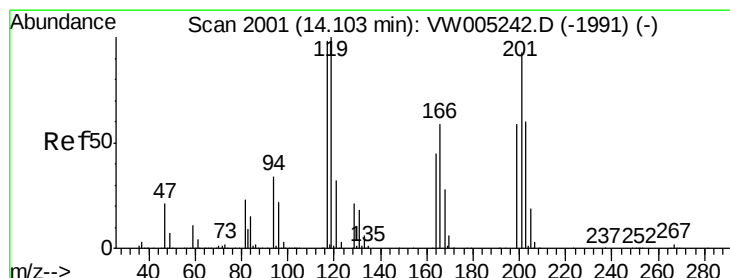
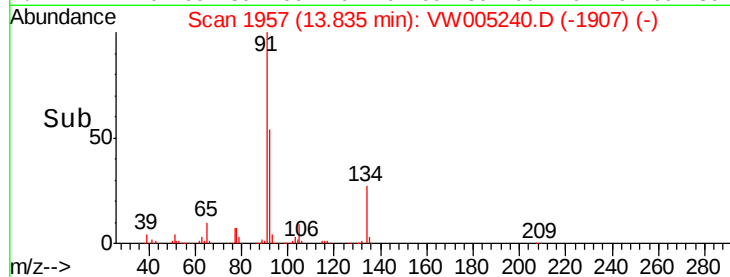
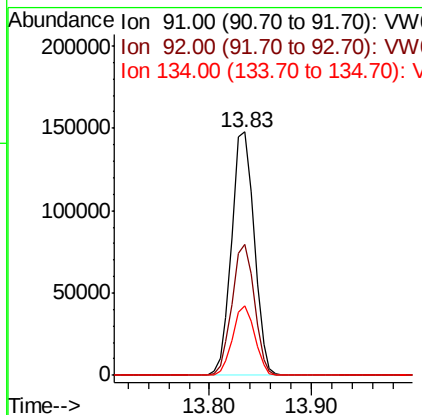
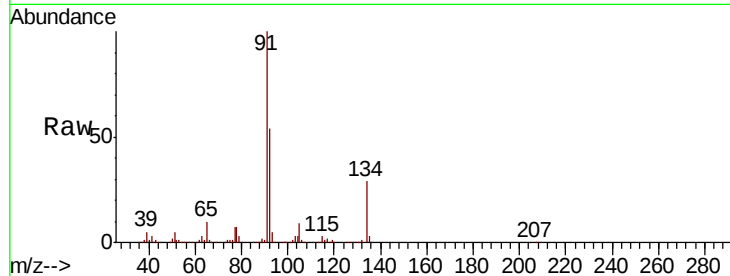
#89
n-Butylbenzene
Concen: 9.81 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	91	Resp:	226095
Ion Ratio	Lower	Upper	
91	100		
92	53.3	25.8	77.3
134	27.7	13.6	40.8

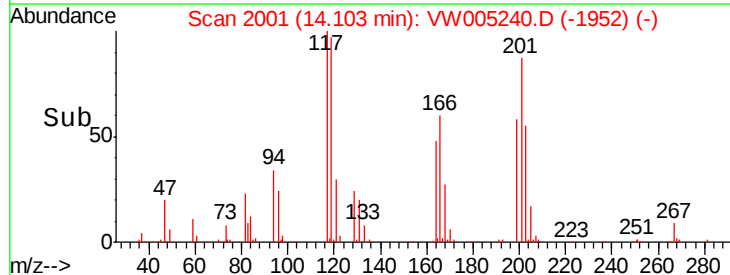
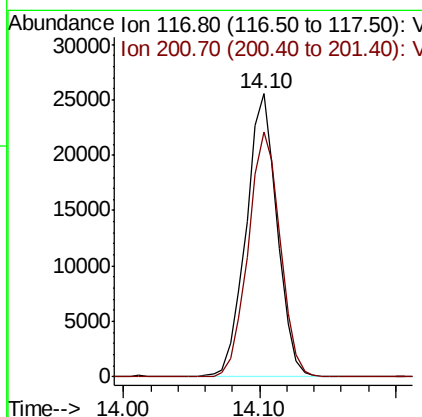
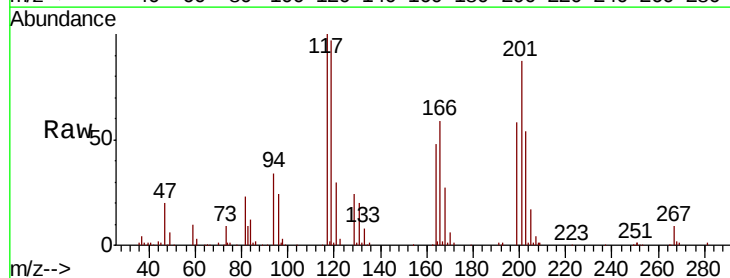
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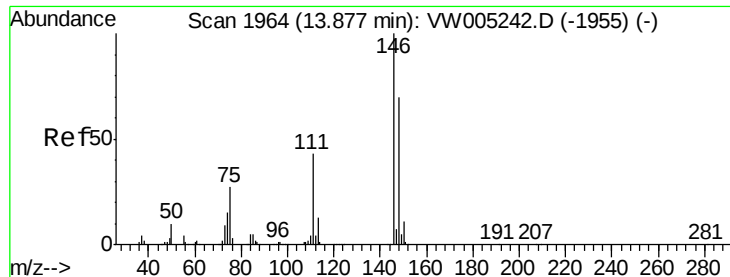
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#90
Hexachloroethane
Concen: 10.41 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion:	117	Resp:	40873
Ion Ratio	Lower	Upper	
117	100		
201	89.0	44.0	132.1





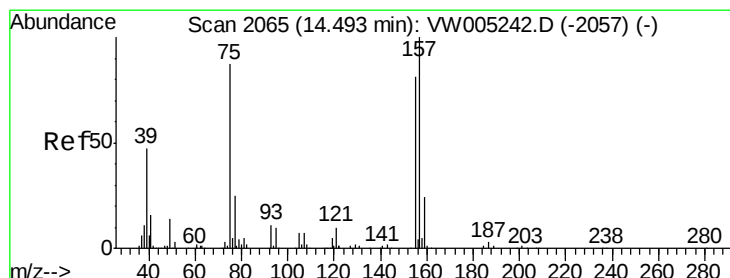
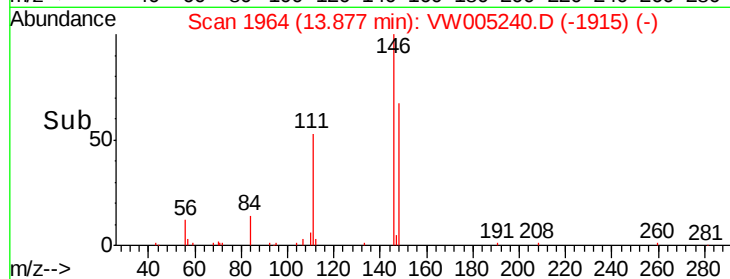
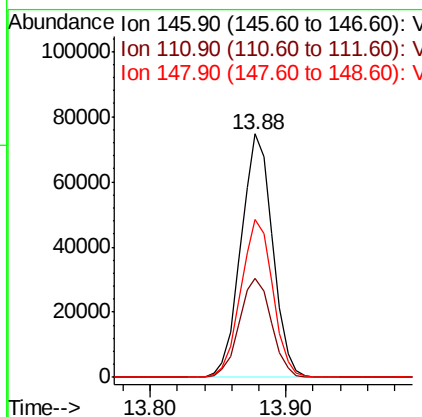
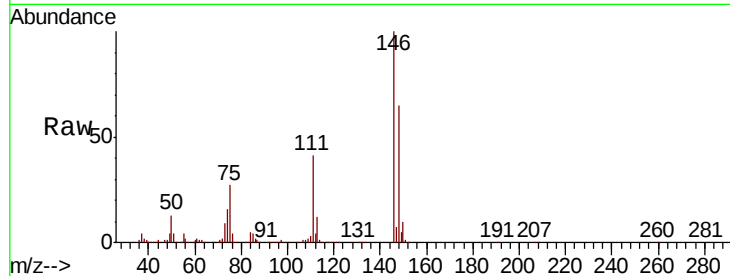
#91
 1,2-Dichlorobenzene
 Concen: 10.76 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	65.5	32.7	98.1

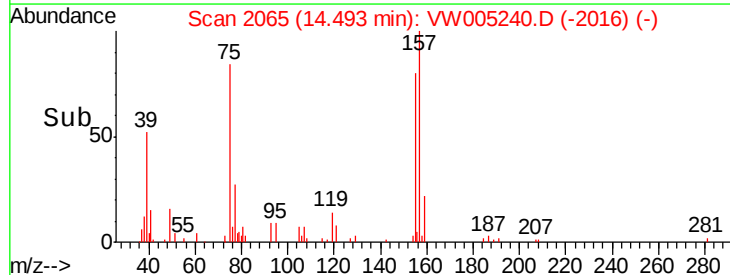
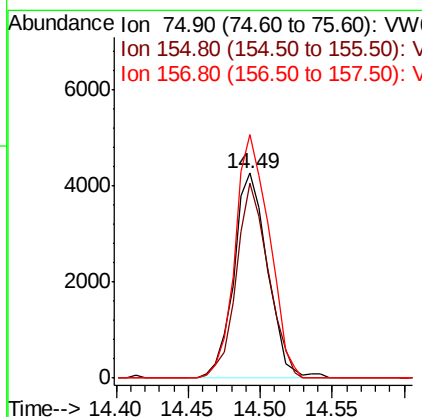
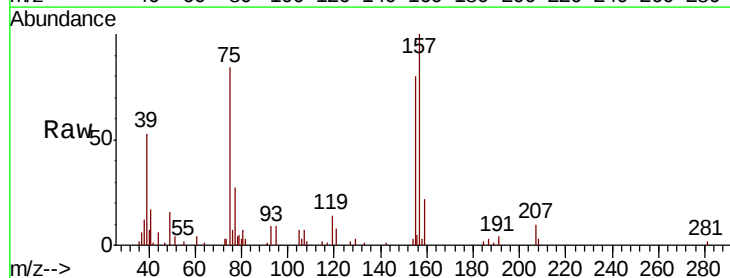
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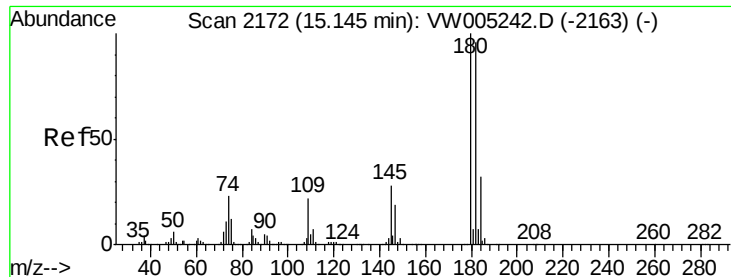
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.79 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	47.4	142.2
157	120.1	59.4	178.2





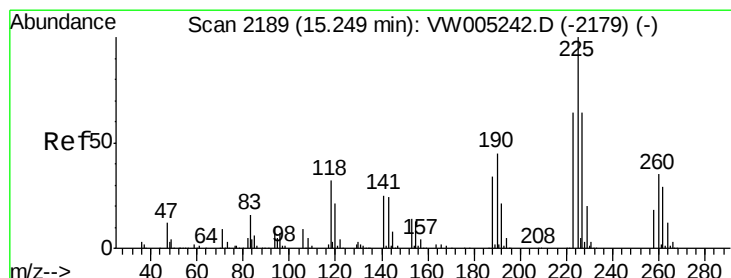
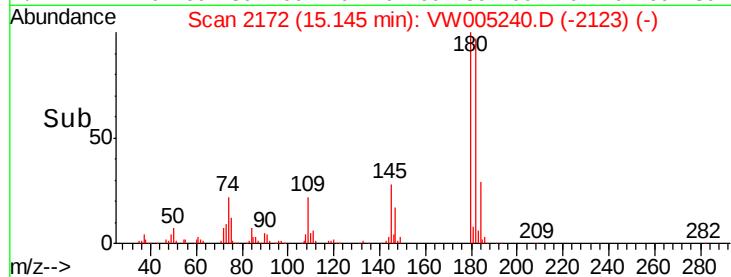
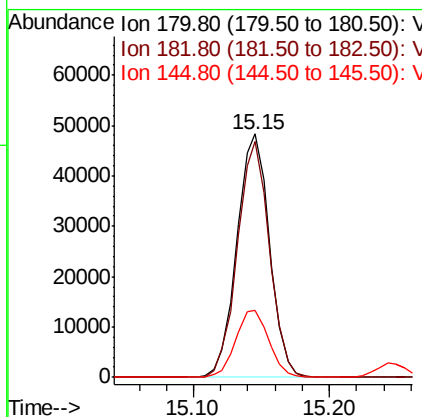
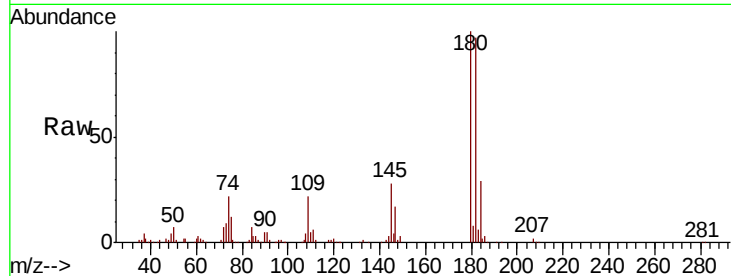
#93
 1,2,4-Trichlorobenzene
 Concen: 10.15 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80751		
182	94.9	48.1	144.4	
145	28.1	14.5	43.6	

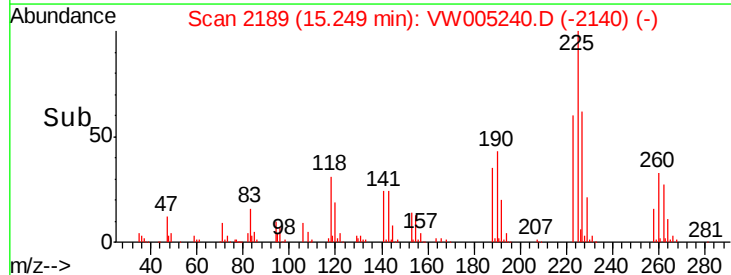
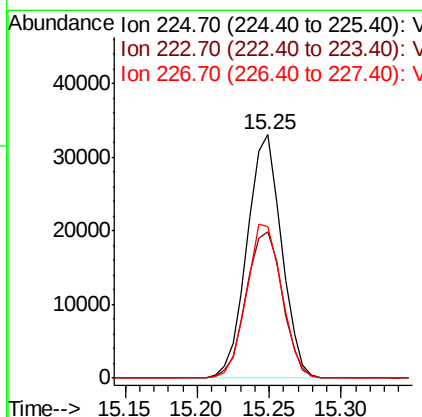
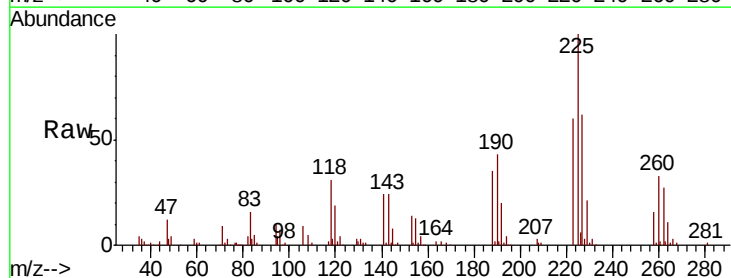
Manual Integrations
 APPROVED

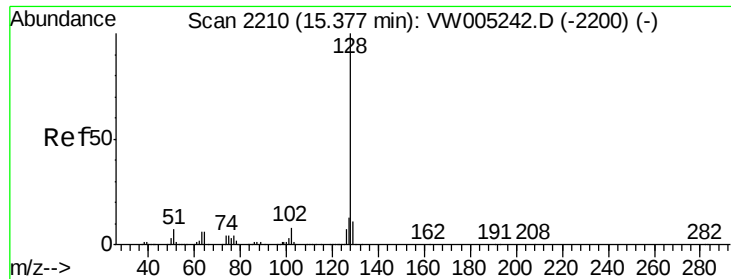
apatel
 9/11/2018 11:09:16 AM



#94
 Hexachlorobutadiene
 Concen: 10.73 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54691		
223	63.5	31.4	94.2	
227	64.8	32.0	96.0	





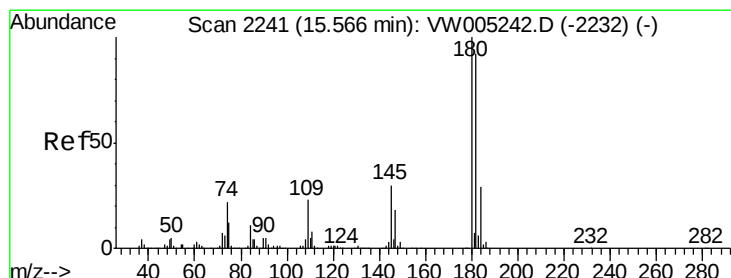
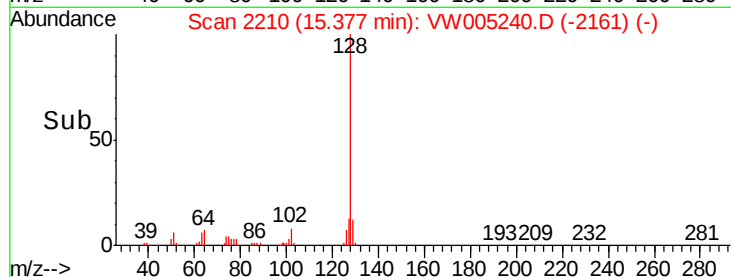
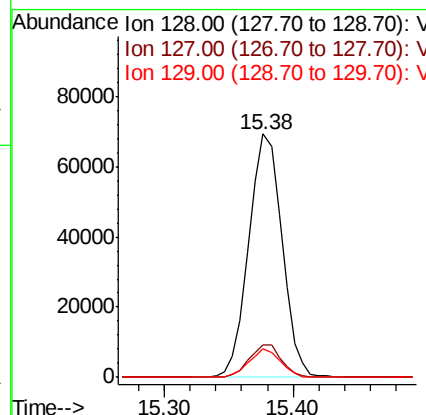
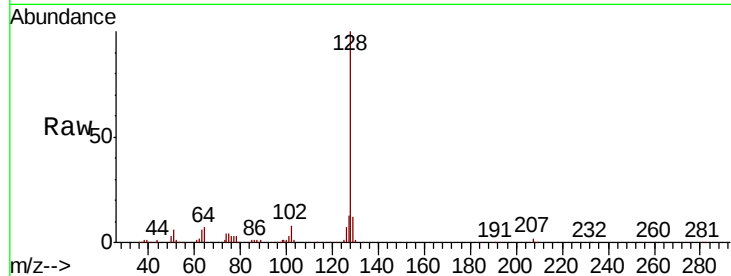
#95
Naphthalene
Concen: 9.60 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	123890		
127	13.0		10.3	15.5
129	10.9		8.8	13.2

Manual Integrations
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apatel
9/11/2018 11:09:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.27 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70312		
182	96.0		47.2	141.6
145	29.9		15.2	45.6

