

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005249.D
 Acq On : 10 Sep 2018 19:12
 Operator : SY/AP
 Sample : VW0910SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Manual Integrations
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 9/11/2018 11:09:58 AM

Quant Time: Sep 11 04:07:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	513144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	739825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	752226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	401520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	195414	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.89	113	194876	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.33	98	977985	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.63	95	357558	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	94705	21.39	ug/l	97
3) Chloromethane	2.22	50	124652	21.06	ug/l	100
4) Vinyl Chloride	2.36	62	114386	21.05	ug/l	100
5) Bromomethane	2.75	94	78596	22.19	ug/l	99
6) Chloroethane	2.91	64	62537	20.90	ug/l	97
7) Trichlorofluoromethane	3.26	101	124098	20.19	ug/l	93
8) Diethyl Ether	3.69	74	45202	20.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	86891	19.79	ug/l	98
10) Methyl Iodide	4.28	142	81965	17.35	ug/l	99
11) Tert butyl alcohol	5.17	59	41252	131.43	ug/l	97
12) 1,1-Dichloroethene	4.04	96	80901	20.01	ug/l	99
13) Acrolein	3.90	56	33275	109.75	ug/l	100
14) Allyl chloride	4.68	41	125872	20.27	ug/l	99
15) Acrylonitrile	5.38	53	104732	105.98	ug/l	100
16) Acetone	4.13	43	77061	108.47	ug/l	100
17) Carbon Disulfide	4.38	76	276625	19.50	ug/l	100
18) Methyl Acetate	4.68	43	46943	22.14	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	201905	20.97	ug/l	99
20) Methylene Chloride	4.93	84	126367	22.10	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	94914	20.11	ug/l	98
22) Diisopropyl ether	6.32	45	266018	21.27	ug/l	95
23) Vinyl Acetate	6.26	43	730104	104.78	ug/l	99
24) 1,1-Dichloroethane	6.22	63	156359	20.31	ug/l	98
25) 2-Butanone	7.18	43	124759	111.33	ug/l	96
26) 2,2-Dichloropropane	7.17	77	133808	20.05	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	102838	20.36	ug/l	97
28) Bromochloromethane	7.52	49	61630	21.70	ug/l #	96
29) Tetrahydrofuran	7.54	42	80299	106.33	ug/l	98
30) Chloroform	7.68	83	157865	20.44	ug/l	98
31) Cyclohexane	7.96	56	168018	20.52	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	137733	19.74	ug/l	99
36) 1,1-Dichloropropene	8.09	75	134095	19.78	ug/l	100
37) Ethyl Acetate	7.26	43	56723	22.00	ug/l	100
38) Carbon Tetrachloride	8.08	117	122807	19.34	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168264	18.70	ug/l	94
40) Benzene	8.33	78	403703	20.22	ug/l	100
41) Methacrylonitrile	7.50	41	33435	25.28	ug/l	94
42) 1,2-Dichloroethane	8.41	62	95928	20.08	ug/l	100
43) Isopropyl Acetate	8.43	43	101000	21.10	ug/l	98
44) Trichloroethene	9.10	130	107228	19.57	ug/l	98
45) 1,2-Dichloropropane	9.38	63	98912	20.61	ug/l	95
46) Dibromomethane	9.46	93	47826	20.36	ug/l	96
47) Bromodichloromethane	9.65	83	115504	20.10	ug/l	97
48) Methyl methacrylate	9.45	41	47857	19.25	ug/l	94
49) 1,4-Dioxane	9.45	88	17781	405.36	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	280235	104.01	ug/l	100
52) Toluene	10.40	92	291605	20.09	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	123848	19.94	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	149896	20.15	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	75809	20.24	ug/l	97
56) Ethyl methacrylate	10.65	69	93611	19.71	ug/l	98
57) 1,3-Dichloropropane	10.94	76	126098	20.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	220735	106.94	ug/l	99
59) 2-Hexanone	10.98	43	202084	104.04	ug/l	99
60) Dibromochloromethane	11.13	129	82313	19.80	ug/l	99
61) 1,2-Dibromoethane	11.24	107	69200	20.14	ug/l	99
64) Tetrachloroethene	10.87	164	109987	19.71	ug/l	98
65) Chlorobenzene	11.66	112	321359	19.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	94708	19.25	ug/l	98
67) Ethyl Benzene	11.74	91	560018	19.51	ug/l	98
68) m/p-Xylenes	11.85	106	450895	38.99	ug/l	99
69) o-Xylene	12.17	106	208692	19.40	ug/l	99
70) Styrene	12.19	104	342940	19.53	ug/l	99
71) Bromoform	12.35	173	50481	18.92	ug/l	99
73) Isopropylbenzene	12.47	105	561816	19.80	ug/l	100
74) N-amyl acetate	12.28	43	110253	20.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	87176	20.45	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59934m	19.41	ug/l	
77) Bromobenzene	12.76	156	135061	20.21	ug/l	98
78) n-propylbenzene	12.81	91	685068	20.11	ug/l	99
79) 2-Chlorotoluene	12.90	91	391144	20.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	482495	19.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	24959	18.95	ug/l	95
82) 4-Chlorotoluene	12.99	91	415915	20.25	ug/l	100
83) tert-Butylbenzene	13.21	119	407929	19.31	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	487870	20.10	ug/l	99
85) sec-Butylbenzene	13.39	105	600758	19.79	ug/l	99
86) p-Isopropyltoluene	13.51	119	530645	19.74	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	278198	19.82	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	276291	20.04	ug/l	99
89) n-Butylbenzene	13.83	91	485678	19.22	ug/l	98
90) Hexachloroethane	14.10	117	81505	18.93	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	247315	20.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14529	20.49	ug/l	95

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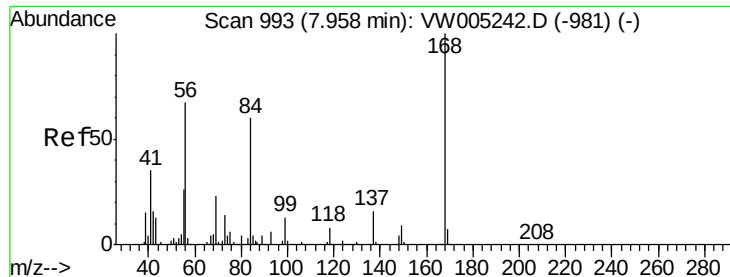
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	165104	18.92	ug/l	100
94) Hexachlorobutadiene	15.25	225	105690	18.92	ug/l	99
95) Naphthalene	15.38	128	267914	18.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	146795	19.55	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: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion:168 Resp: 513144

Ion Ratio Lower Upper

168 100

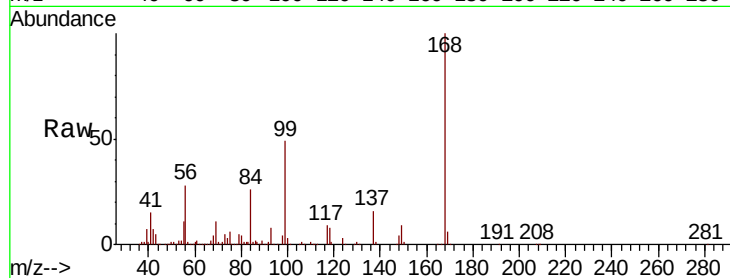
99 49.2 39.1 58.7

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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

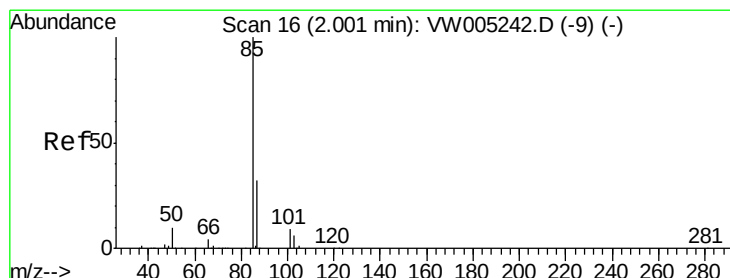
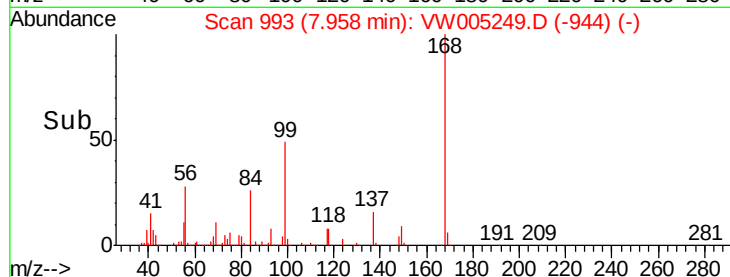
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.39 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005249.D

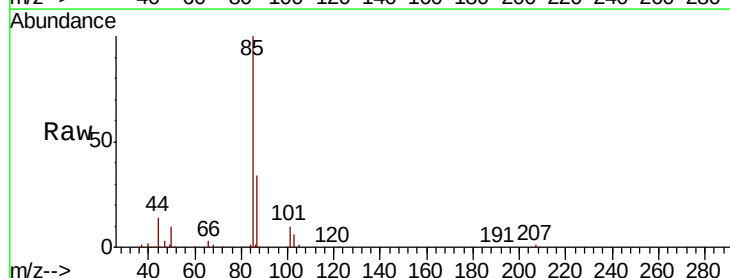
Acq: 10 Sep 2018 19:12

Tgt Ion: 85 Resp: 94705

Ion Ratio Lower Upper

85 100

87 33.7 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

60000

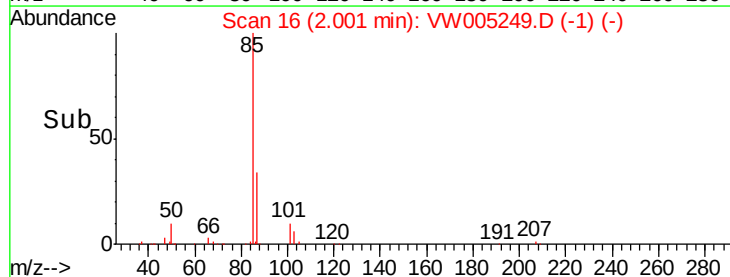
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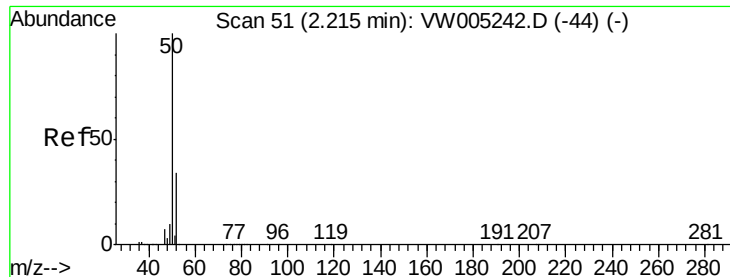
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.06 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 50 Resp: 124652

Ion Ratio Lower Upper

50 100

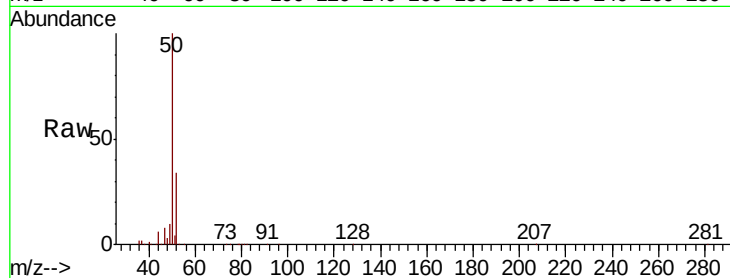
52 33.9 27.0 40.4

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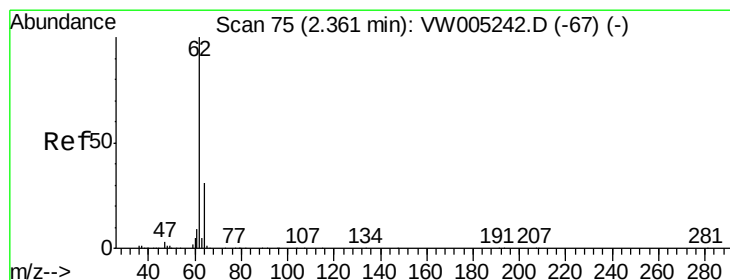
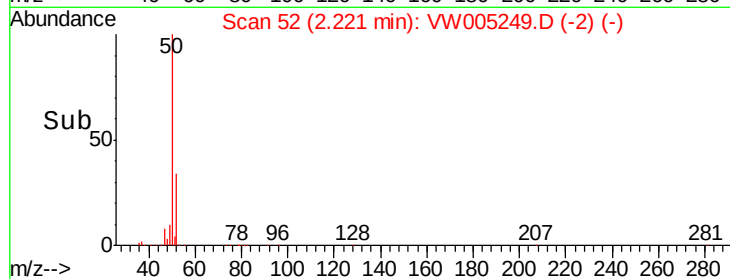
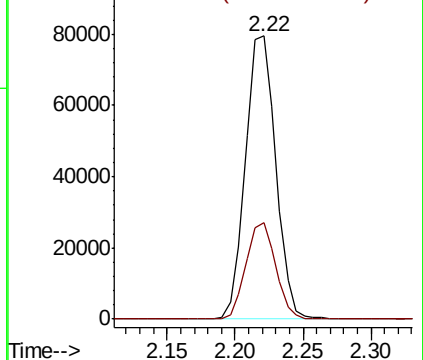
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.05 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005249.D

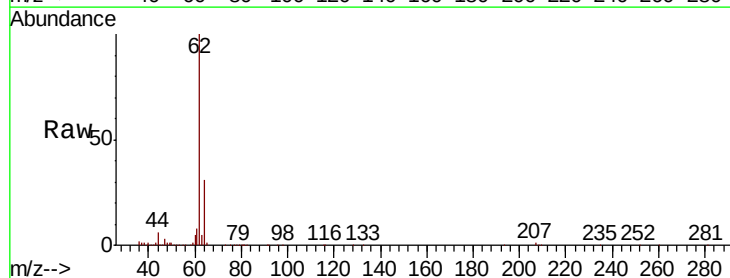
Acq: 10 Sep 2018 19:12

Tgt Ion: 62 Resp: 114386

Ion Ratio Lower Upper

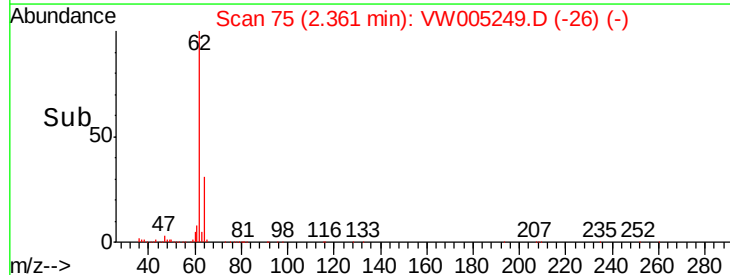
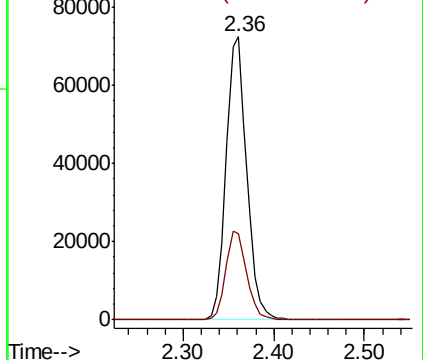
62 100

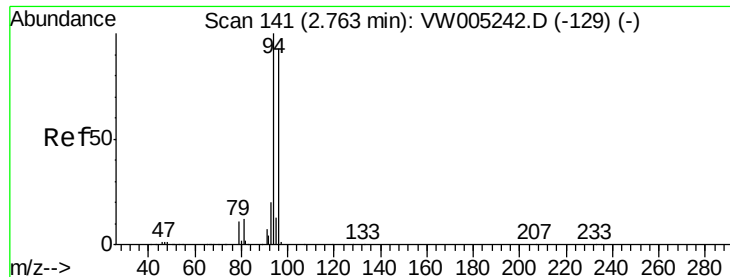
64 30.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.19 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 94 Resp: 78596

Ion Ratio Lower Upper

94 100

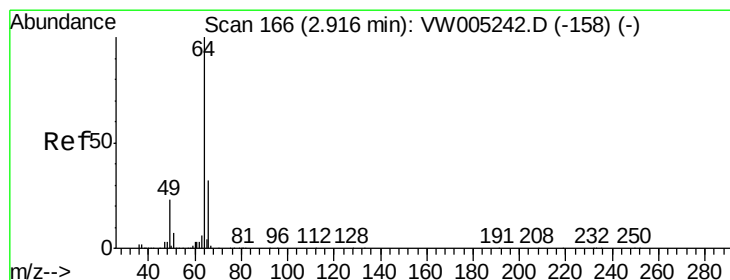
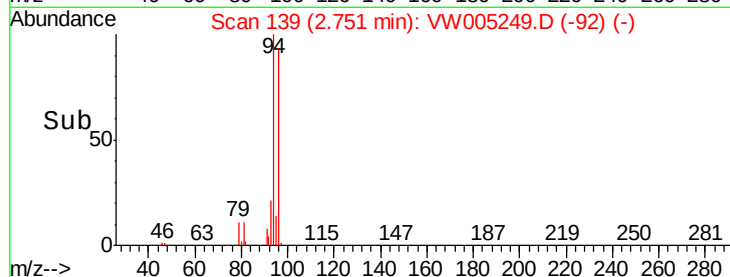
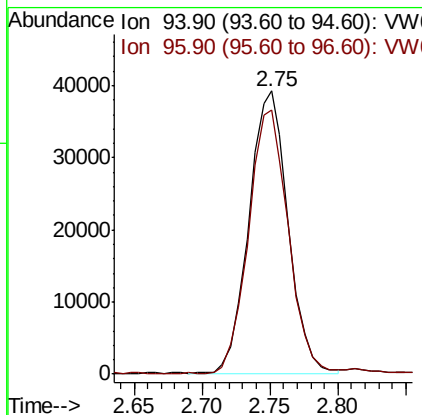
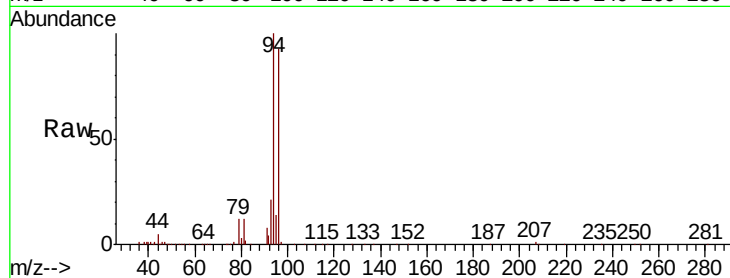
96 93.1 74.1 111.1

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#6

Chloroethane

Concen: 20.90 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005249.D

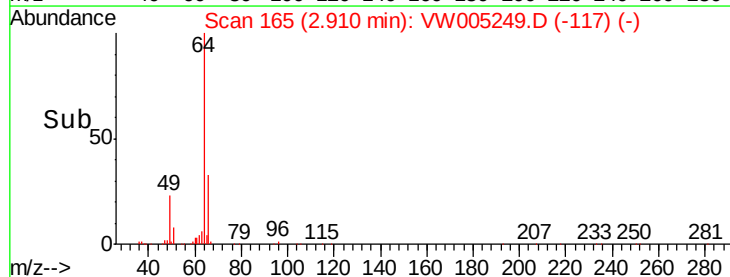
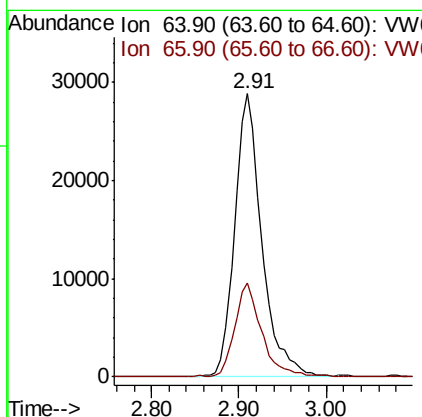
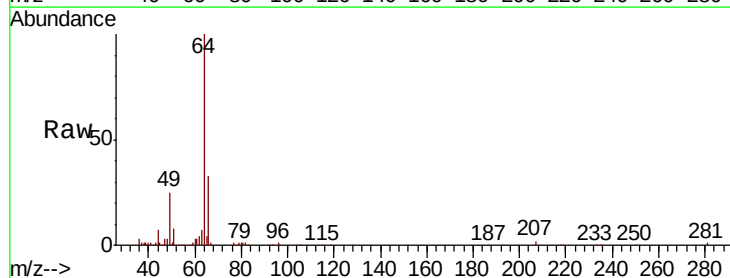
Acq: 10 Sep 2018 19:12

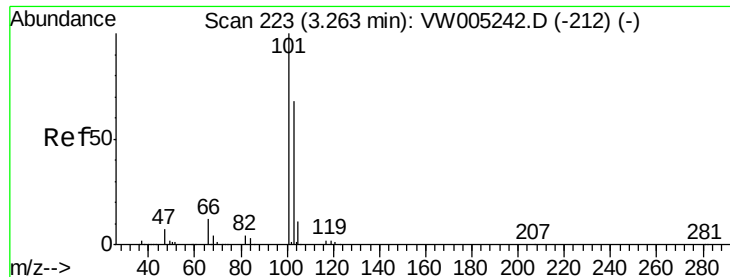
Tgt Ion: 64 Resp: 62537

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9





#7

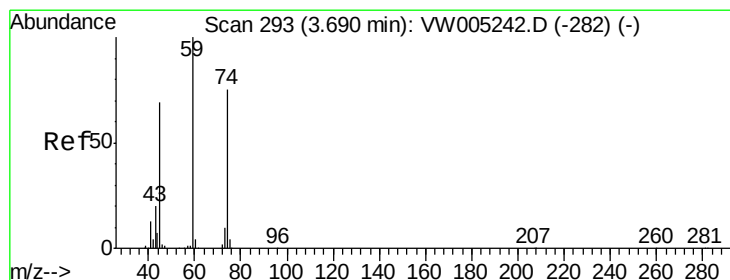
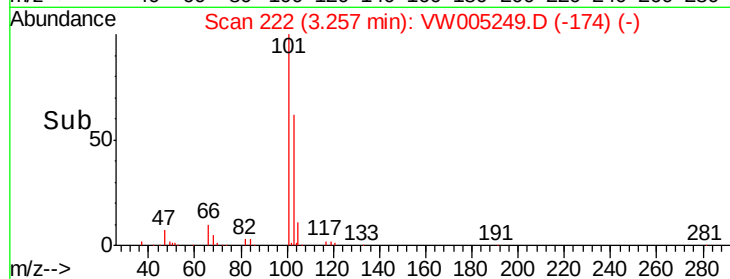
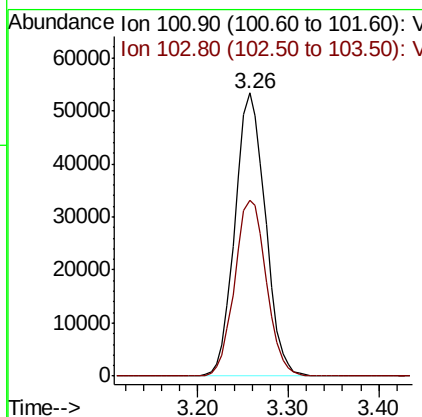
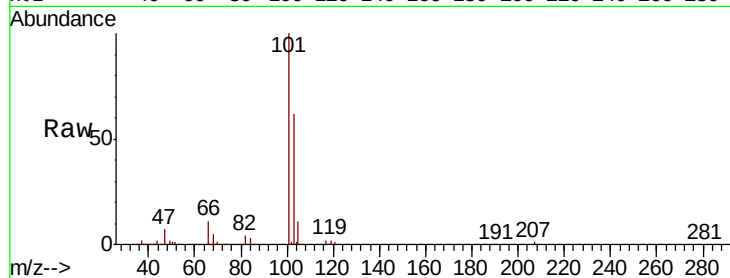
Trichlorofluoromethane
 Concen: 20.19 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

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 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	124098		
103	62.1	54.1	81.1	

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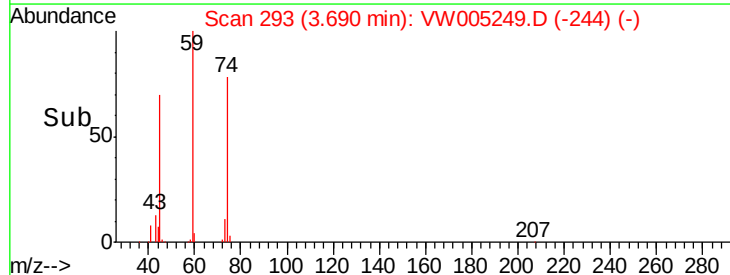
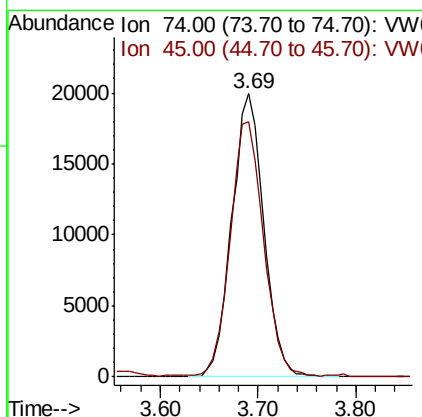
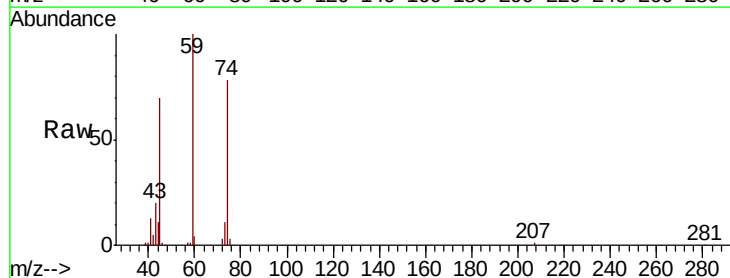
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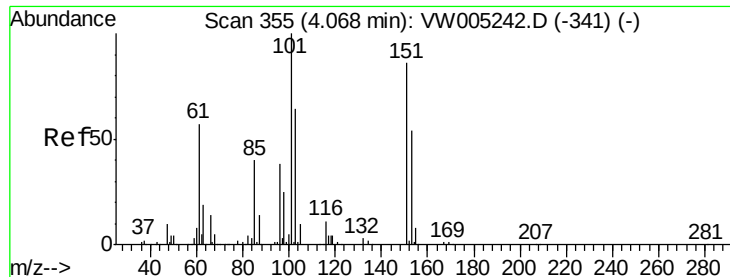


#8

Diethyl Ether
 Concen: 20.64 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45202		
45	92.7	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.79 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

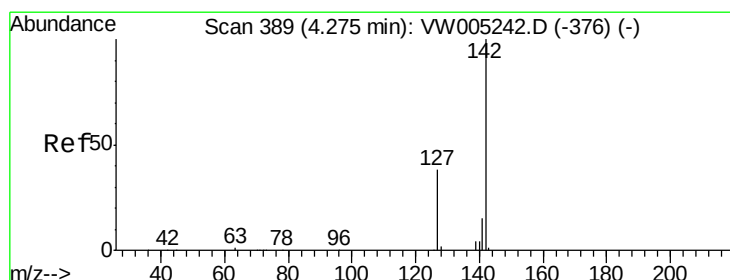
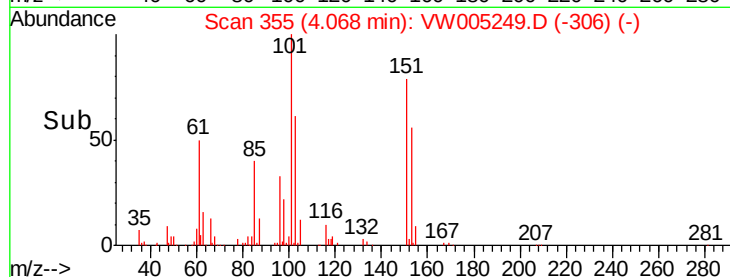
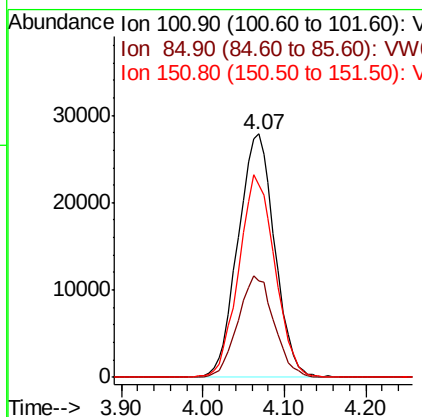
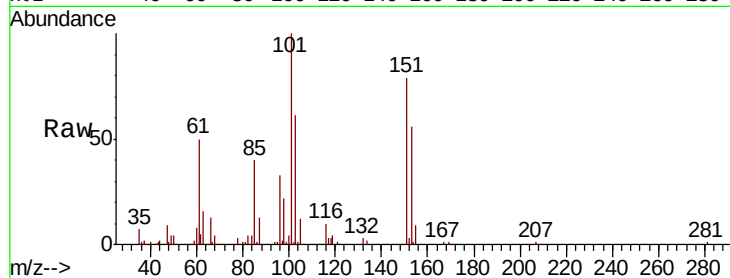
ClientSampled :

VW0910SBSD01

Tot Ion:	101	Resp:	86891
Ion Ratio	Lower	Upper	
101	100		
85	41.0	32.7	49.1
151	82.0	67.6	101.4

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#10

Methyl Iodide

Concen: 17.35 ug/l

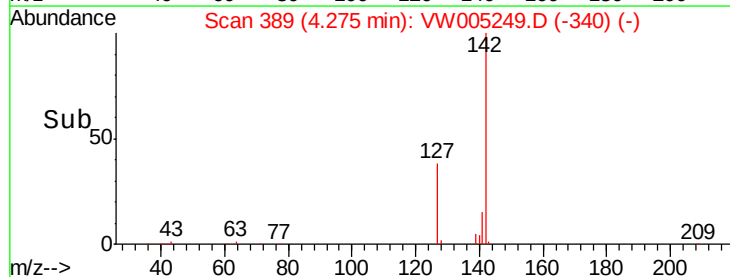
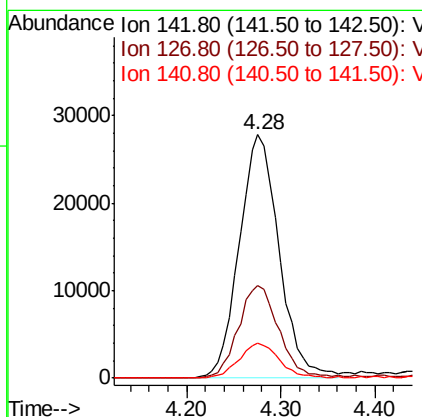
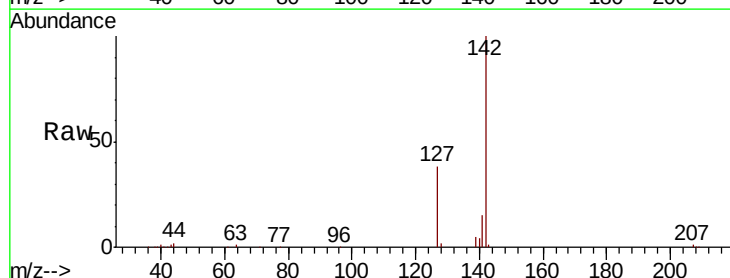
RT: 4.28 min Scan# 389

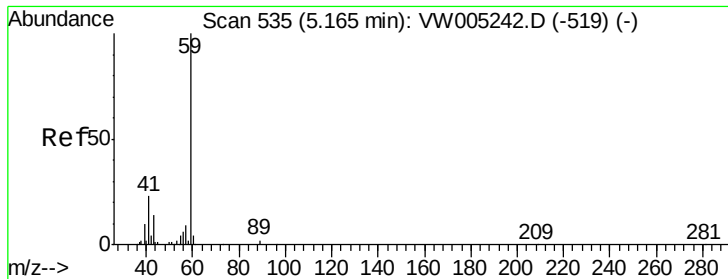
Delta R.T. 0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Tgt Ion:	142	Resp:	81965
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.3	45.5
141	14.7	11.4	17.0





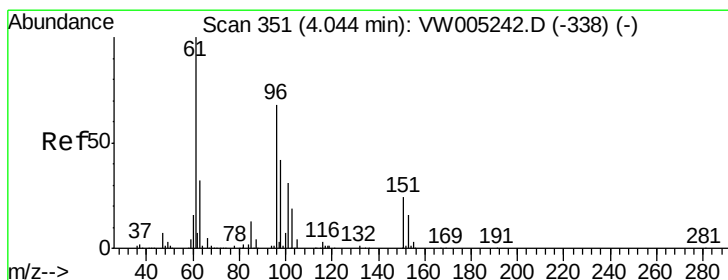
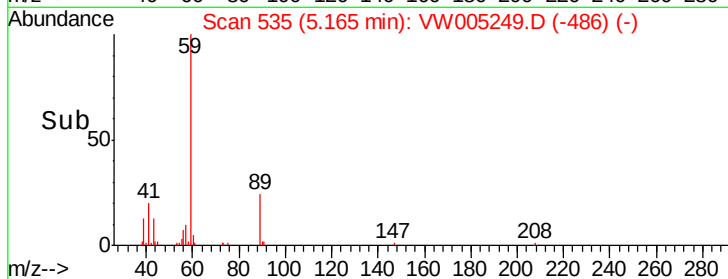
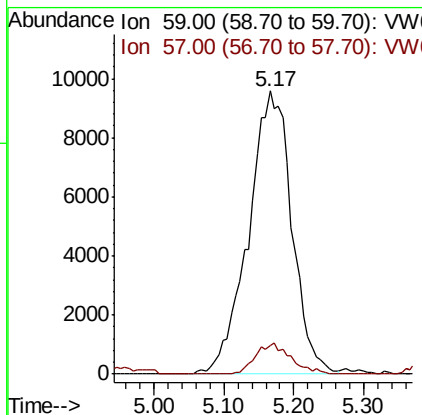
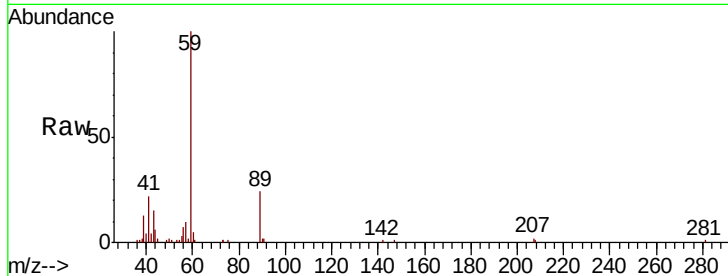
#11
Tert butyl alcohol
Concen: 131.43 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampled :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.1	12.1

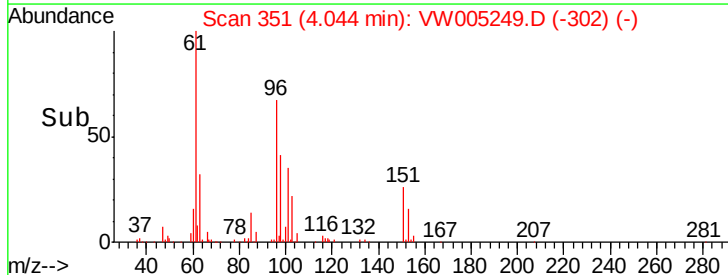
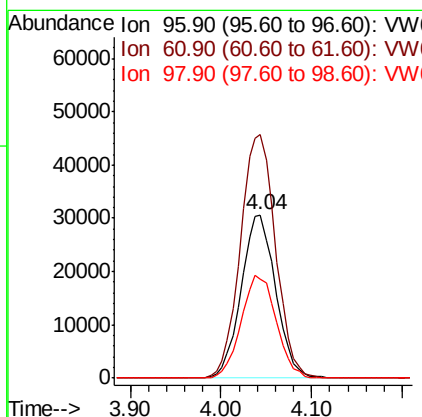
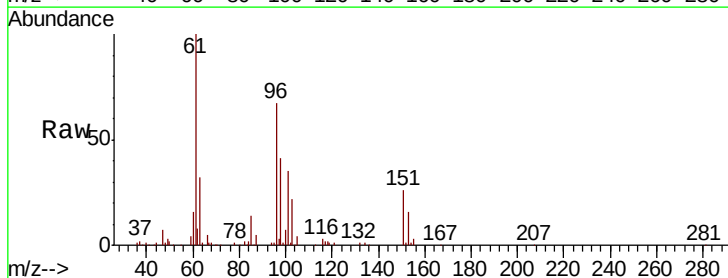
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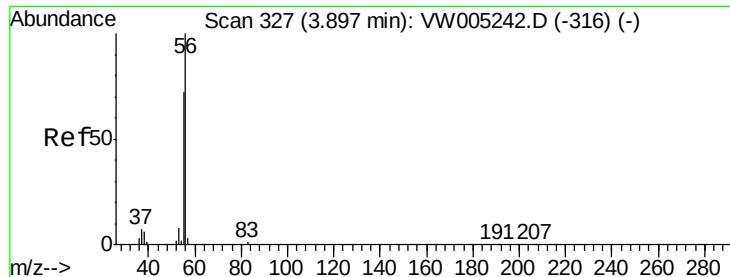
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#12
1,1-Dichloroethene
Concen: 20.01 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	118.2	177.2
98	60.9	49.9	74.9





#13

Acrolein

Concen: 109.75 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 56 Resp: 33275

Ion Ratio Lower Upper

56 100

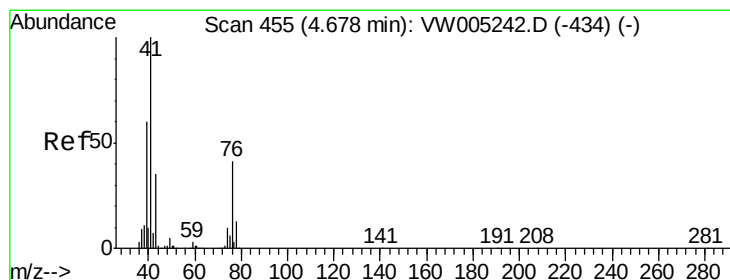
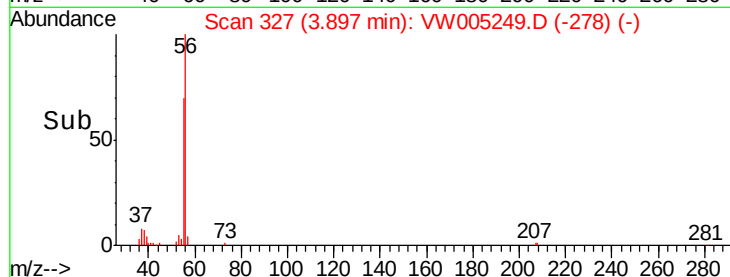
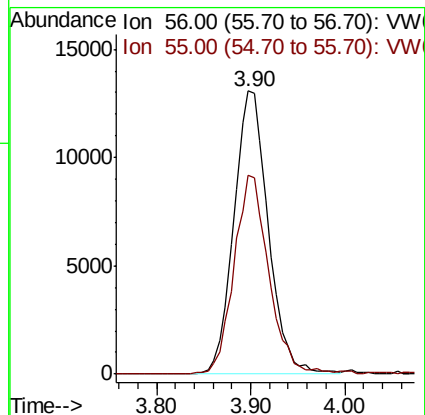
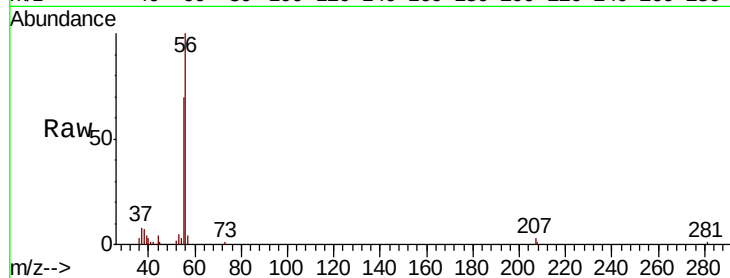
55 70.9 56.8 85.2

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#14

Allyl chloride

Concen: 20.27 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

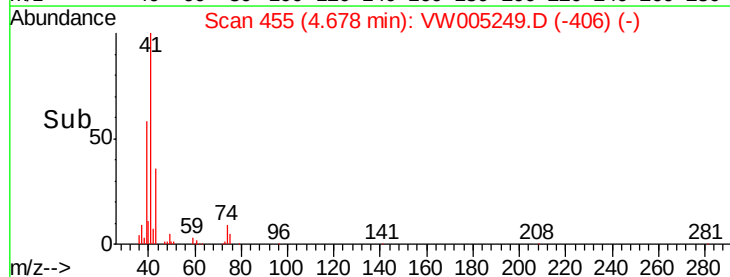
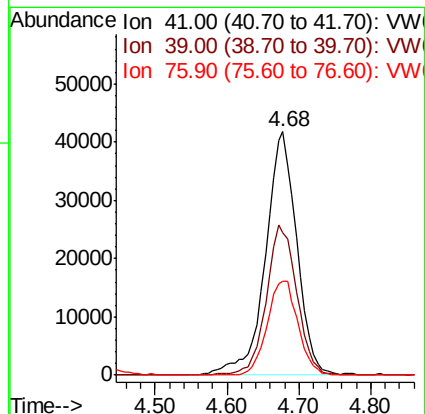
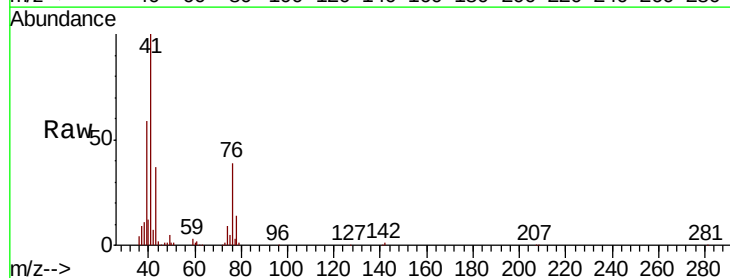
Tgt Ion: 41 Resp: 125872

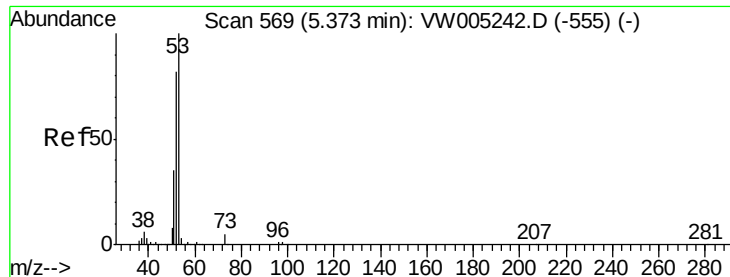
Ion Ratio Lower Upper

41 100

39 60.4 48.2 72.4

76 38.1 31.7 47.5





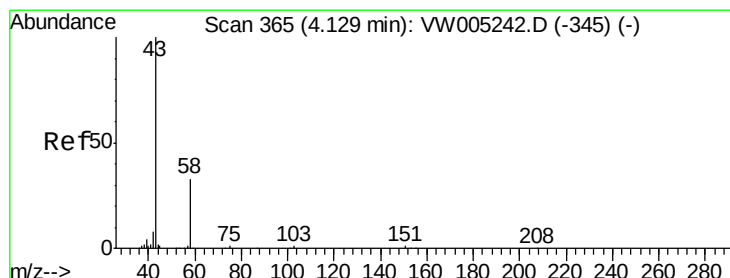
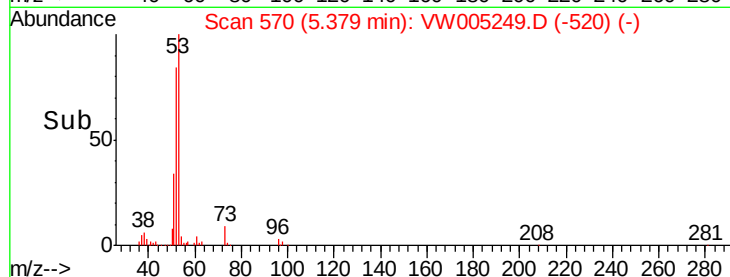
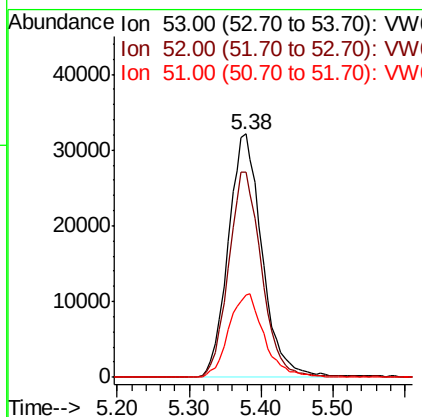
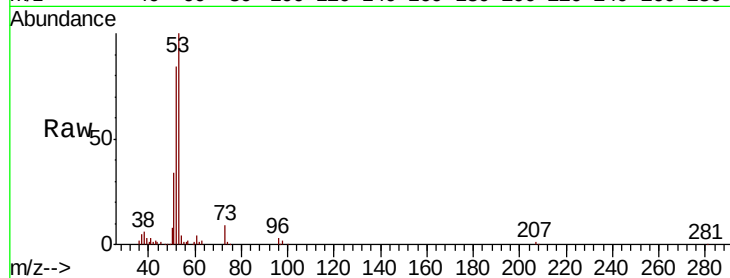
#15
 Acrylonitrile
 Concen: 105.98 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	53	Resp	104732
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.7	28.6	43.0

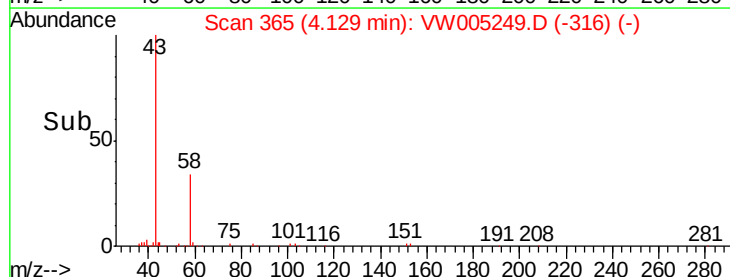
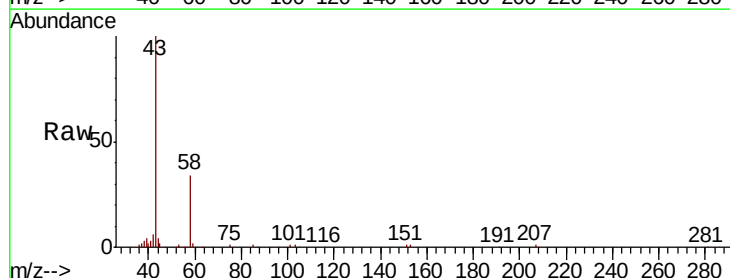
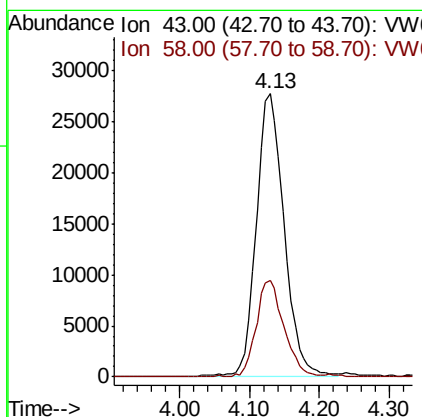
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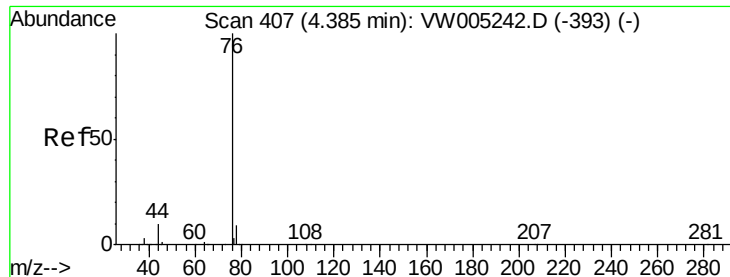
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#16
 Acetone
 Concen: 108.47 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	43	Resp	77061
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.7	40.1





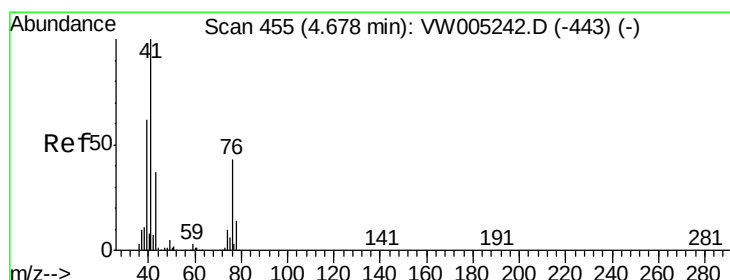
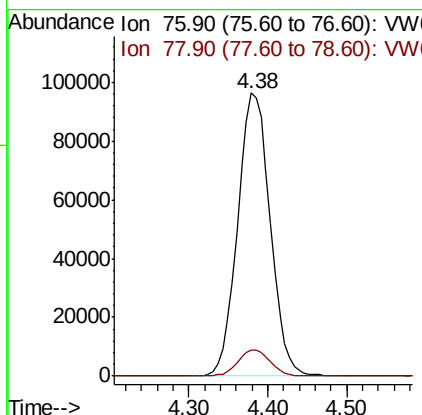
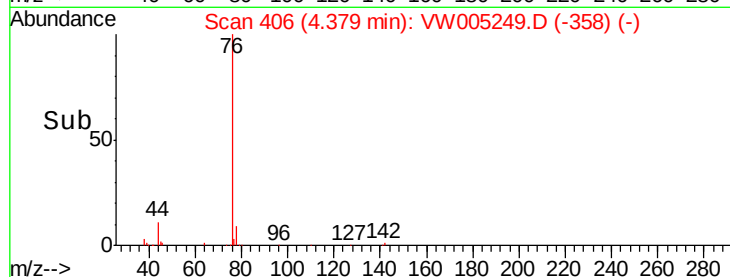
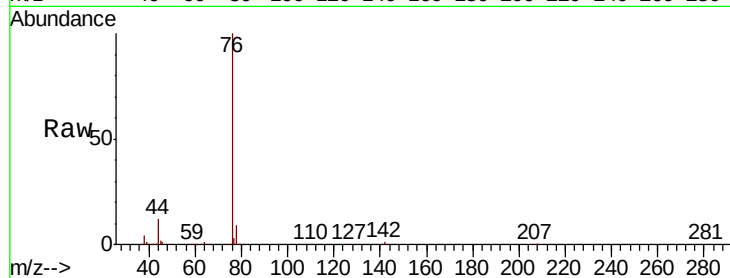
#17
Carbon Disulfide
Concen: 19.50 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

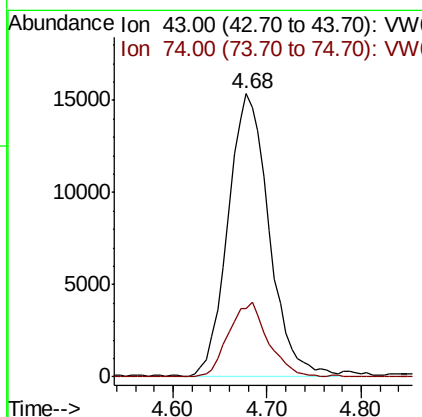
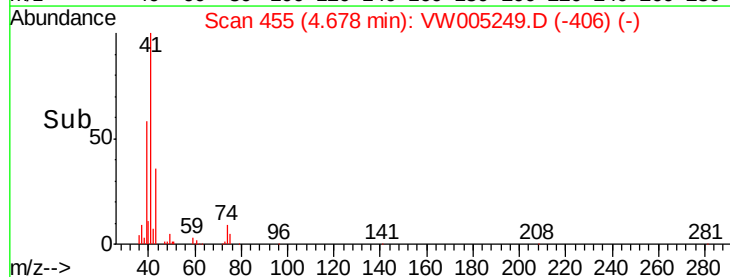
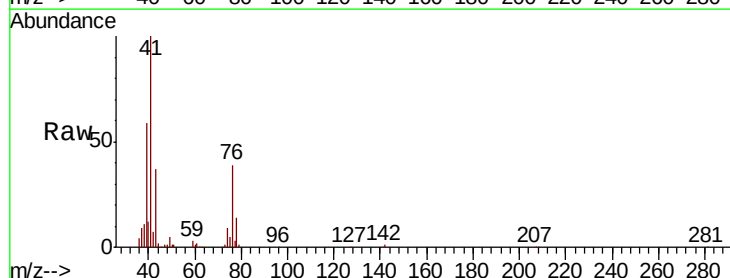
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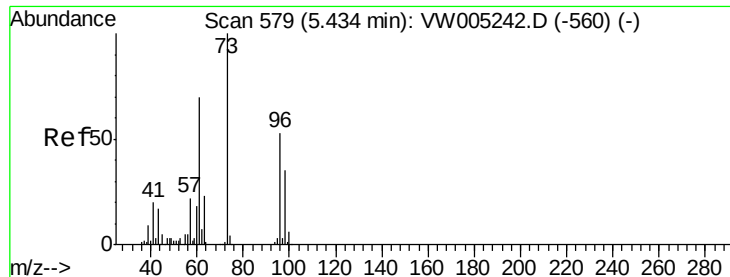
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#18
Methyl Acetate
Concen: 22.14 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	21.4	32.2





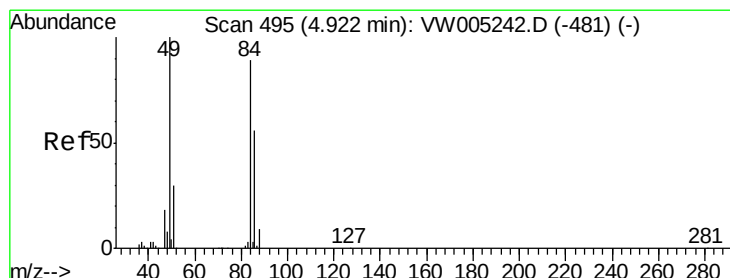
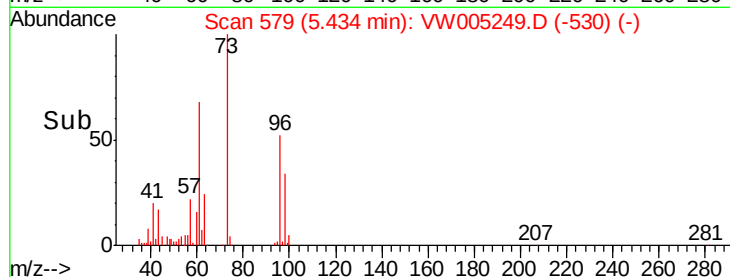
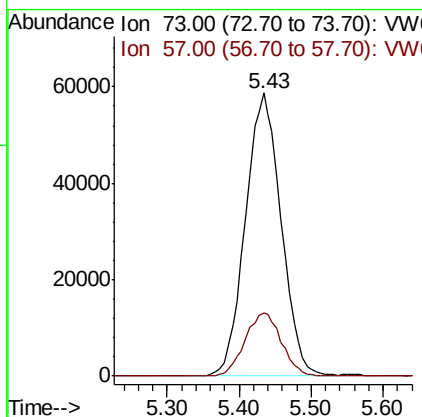
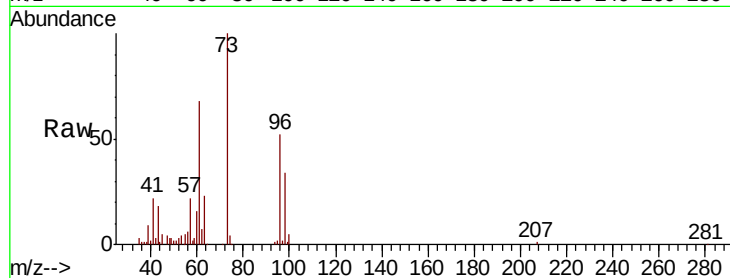
#19
Methyl tert-butyl Ether
Concen: 20.97 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.4	26.2

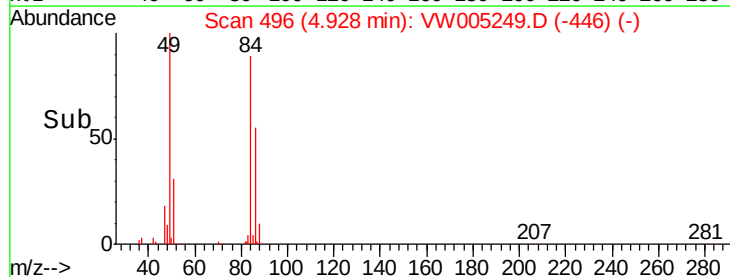
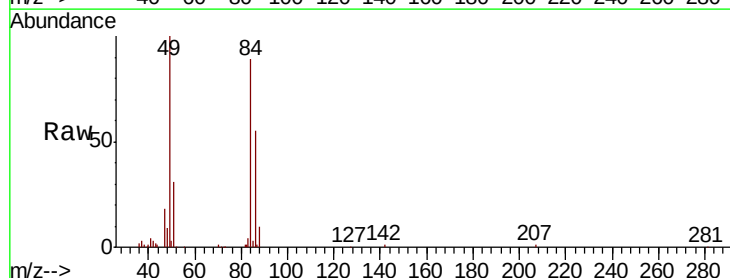
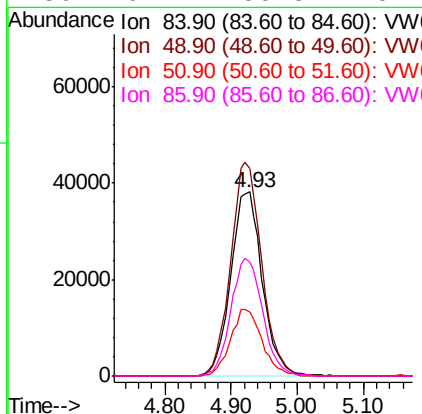
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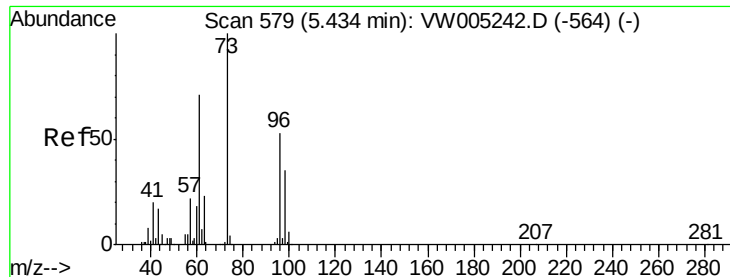
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#20
Methylene Chloride
Concen: 22.10 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.8	90.3	135.5
51	34.5	26.9	40.3
86	62.1	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 20.11 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

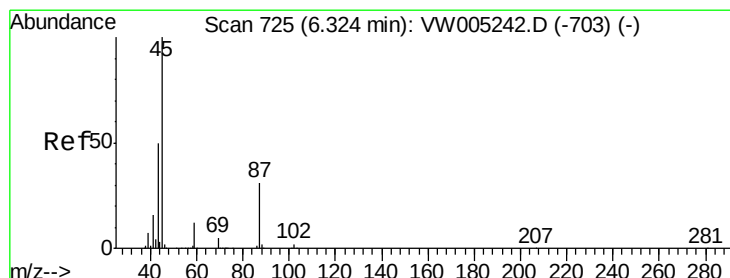
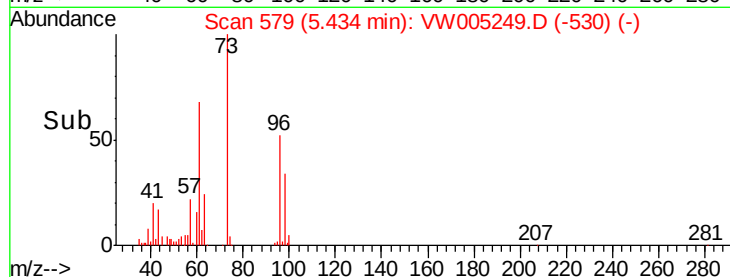
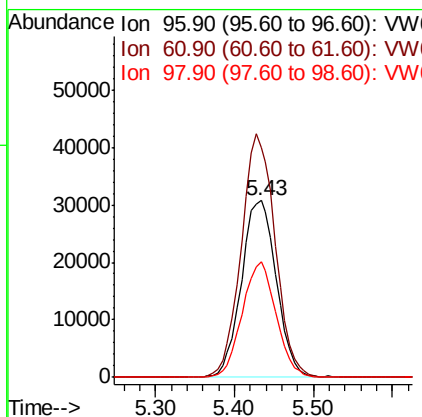
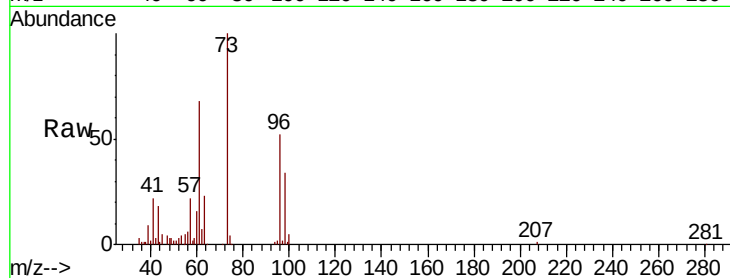
ClientSampleId :

VW0910SBSD01

Tot Ion:	96	Resp:	94914
Ion	Ratio	Lower	Upper
96	100		
61	129.7	105.7	158.5
98	65.4	52.8	79.2

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#22

Diisopropyl ether

Concen: 21.27 ug/l

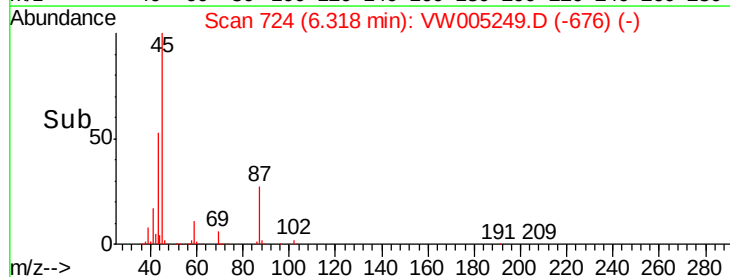
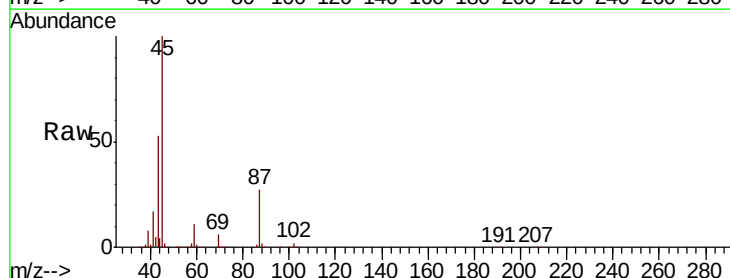
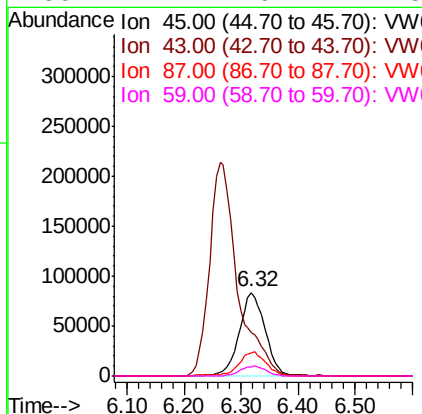
RT: 6.32 min Scan# 724

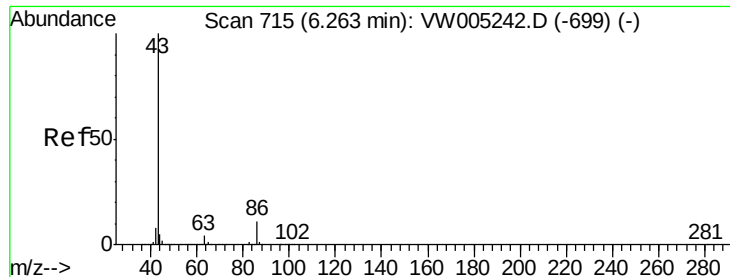
Delta R.T. -0.01 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Tgt Ion:	45	Resp:	266018
Ion	Ratio	Lower	Upper
45	100		
43	52.2	39.6	59.4
87	27.1	24.7	37.1
59	11.2	9.7	14.5





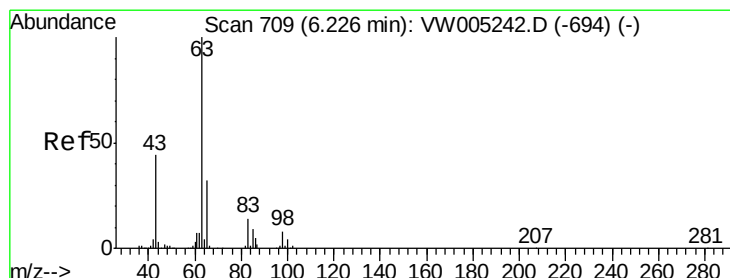
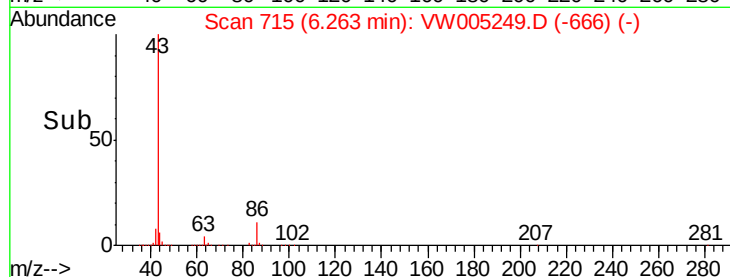
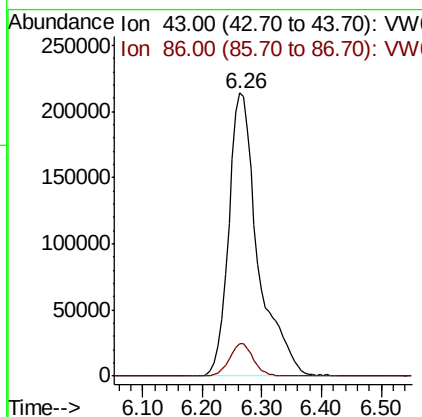
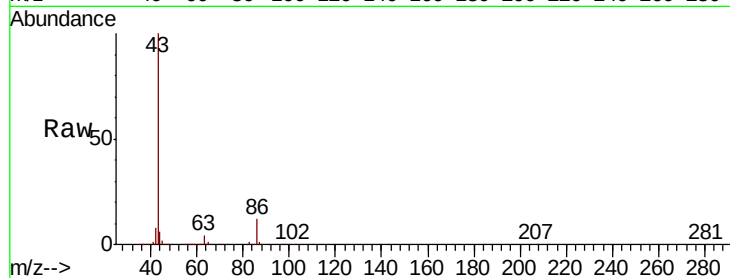
#23
 Vinyl Acetate
 Concen: 104.78 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.5	8.9	13.3

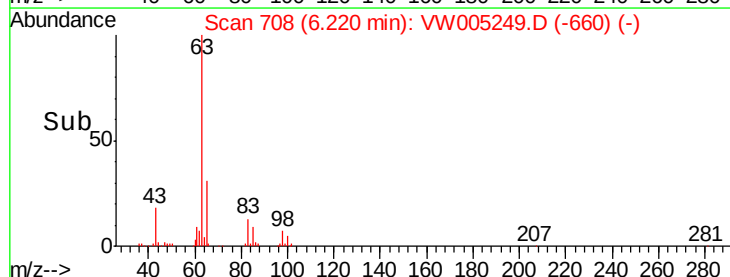
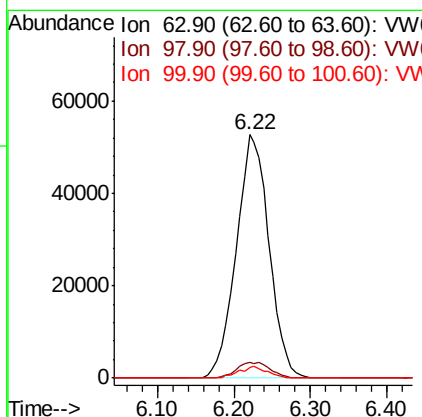
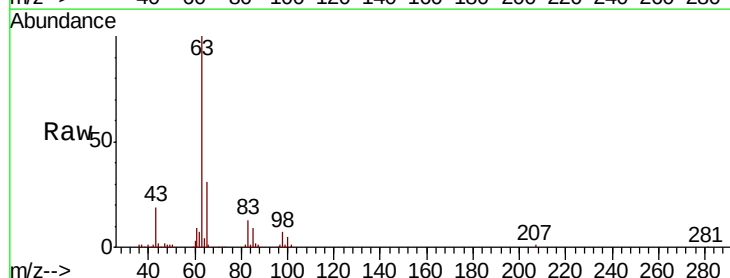
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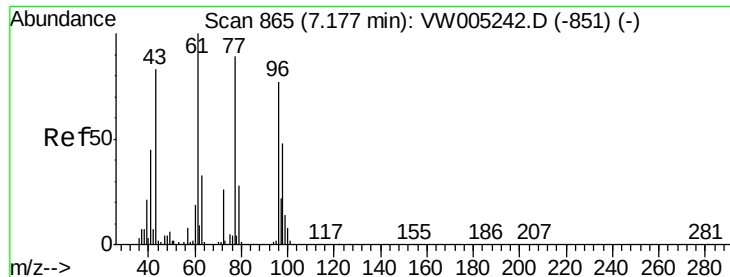
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#24
 1,1-Dichloroethane
 Concen: 20.31 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.4
100	4.5	2.2	6.6





#25

2-Butanone

Concen: 111.33 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampled :

VW0910SBSD01

Tot Ion: 43 Resp: 124759

Ion Ratio Lower Upper

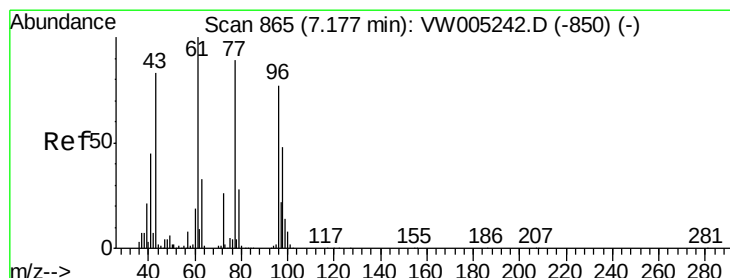
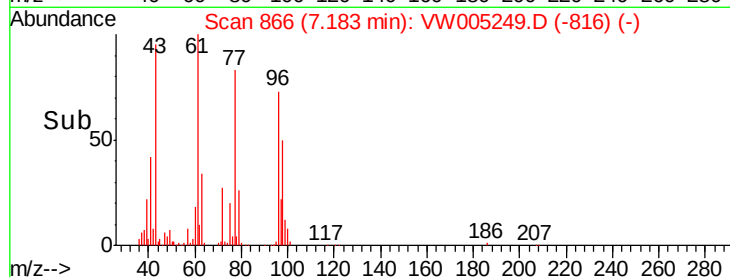
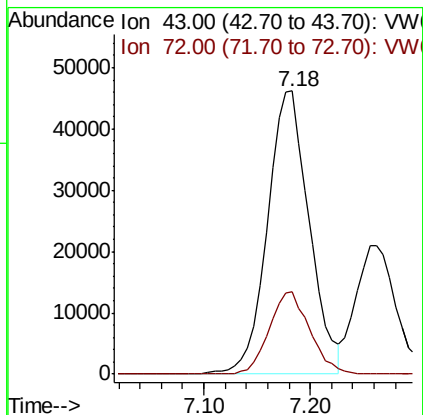
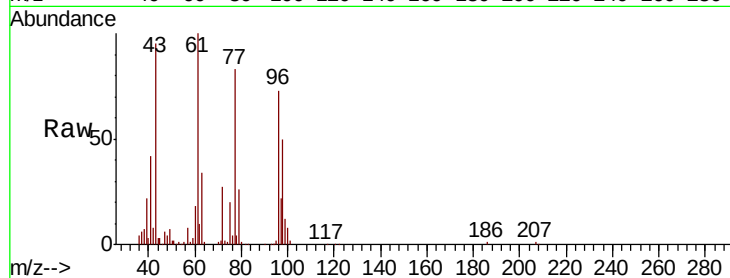
43 100

72 29.0 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 20.05 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005249.D

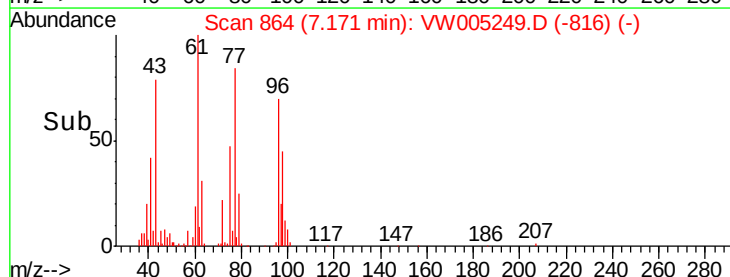
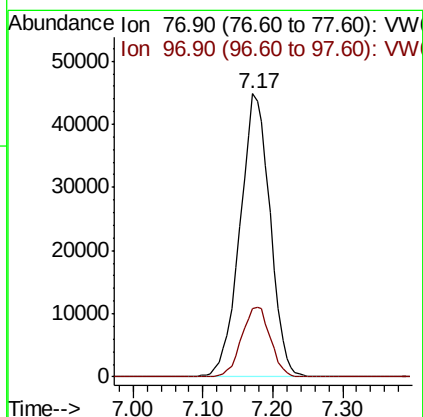
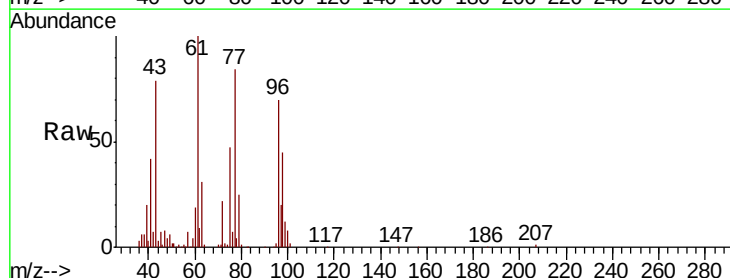
Acq: 10 Sep 2018 19:12

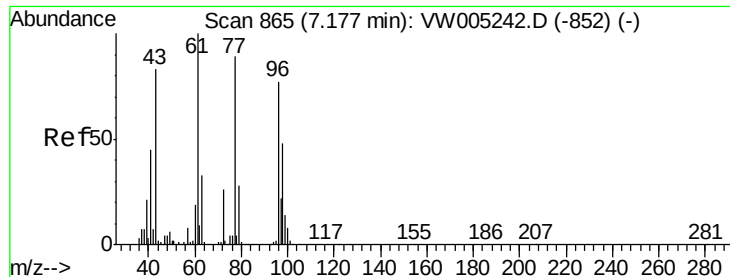
Tgt Ion: 77 Resp: 133808

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





#27

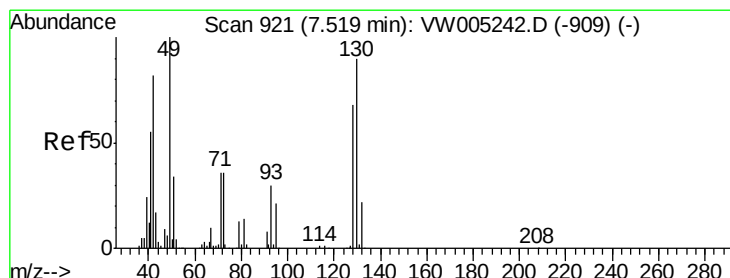
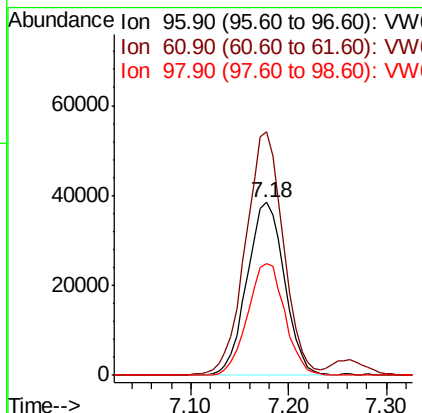
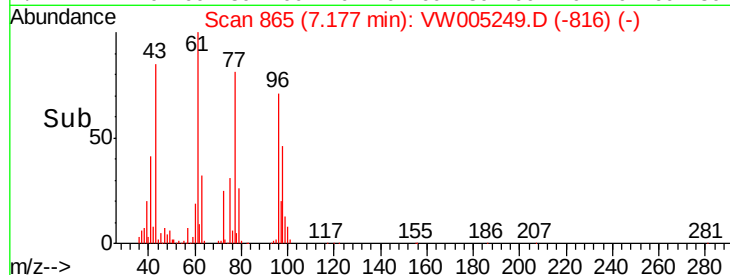
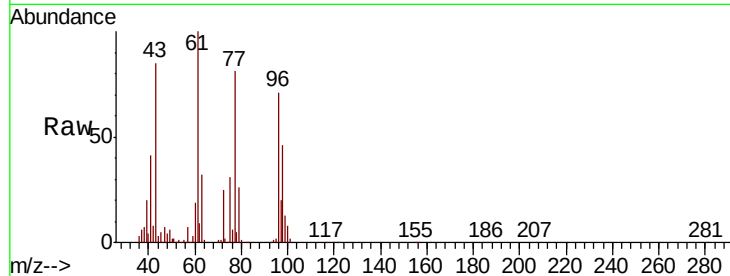
cis-1,2-Dichloroethene
Concen: 20.36 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	273.4
98	64.3	0.0	127.8

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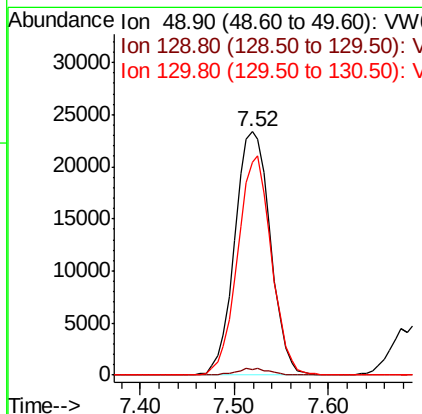
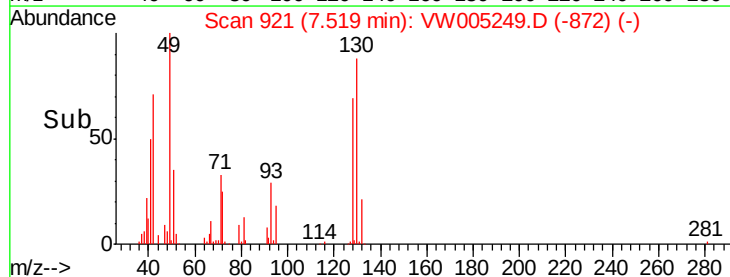
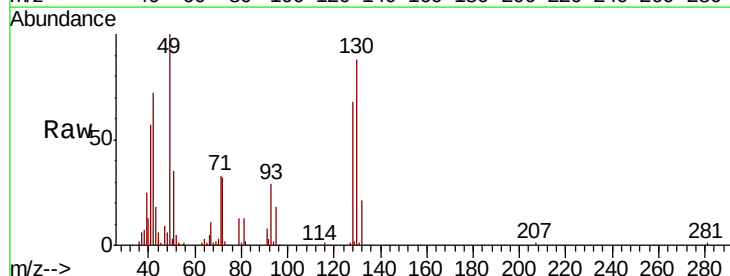
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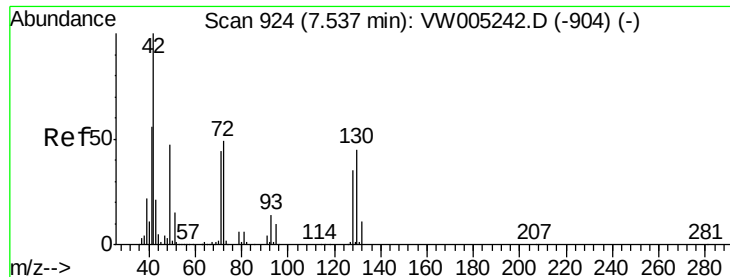


#28

Bromochloromethane
Concen: 21.70 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	85.5	71.2	106.8





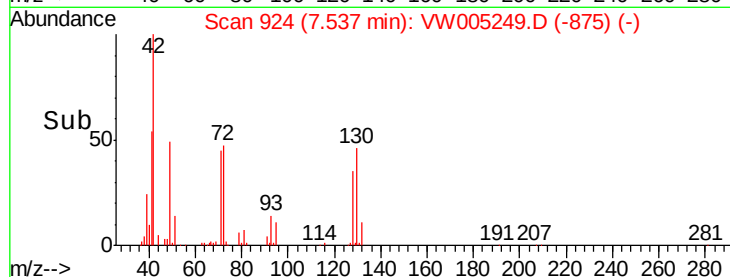
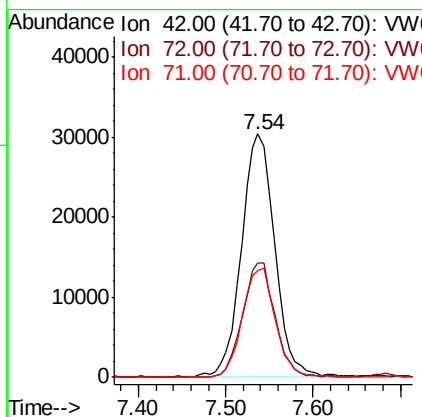
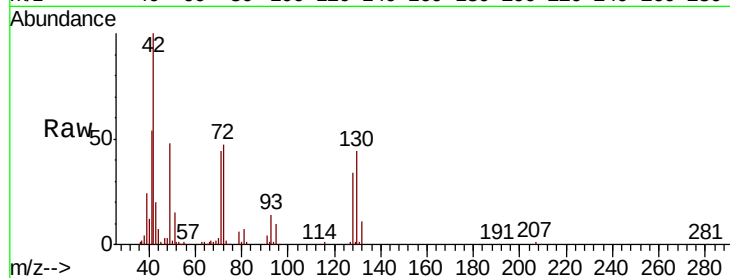
#29
Tetrahydrofuran
Concen: 106.33 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.5	56.3
71	44.5	34.8	52.2

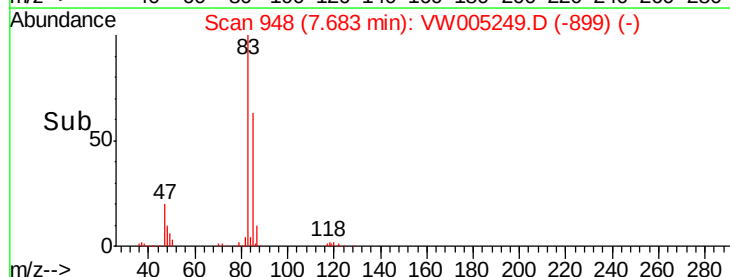
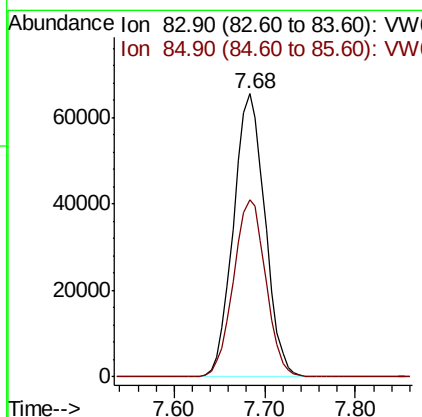
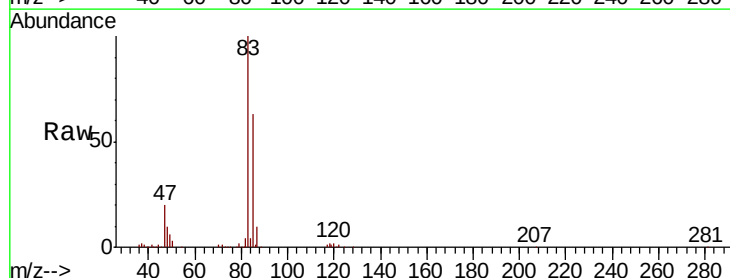
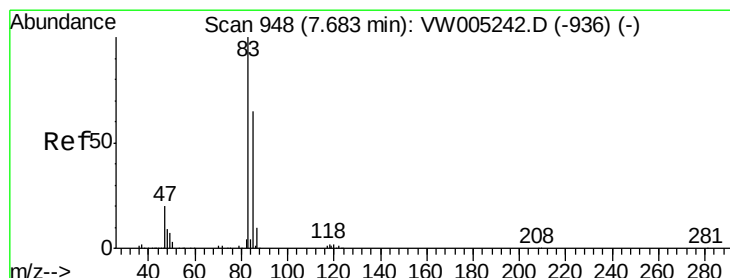
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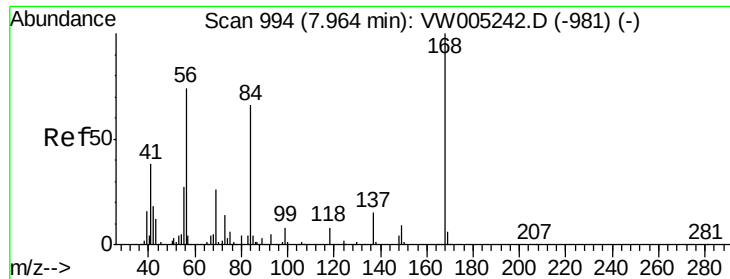
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#30
Chloroform
Concen: 20.44 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.7	77.5





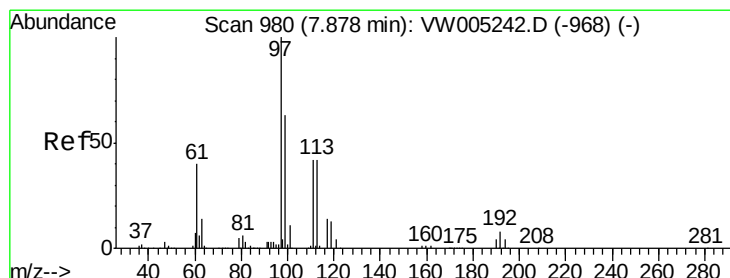
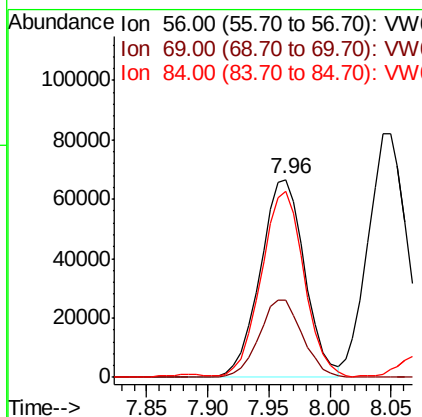
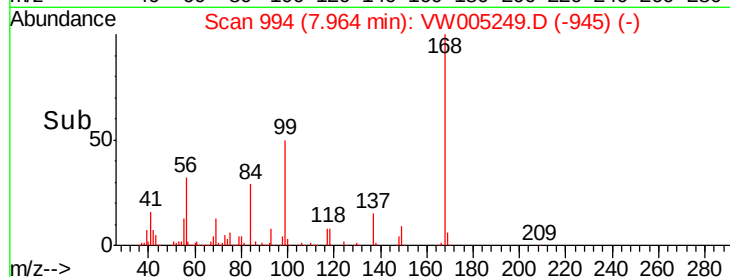
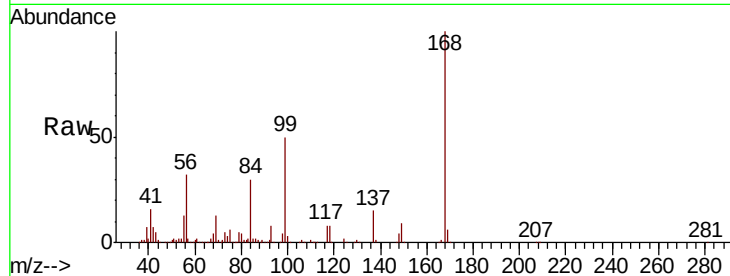
#31
Cyclohexane
Concen: 20.52 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	39.1	27.8	41.8	
84	92.8	72.1	108.1	

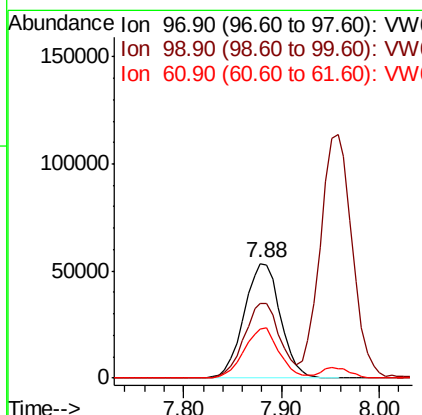
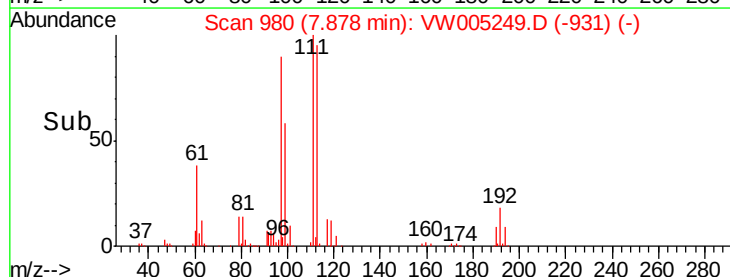
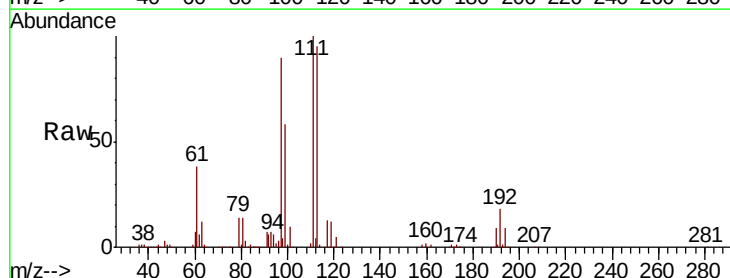
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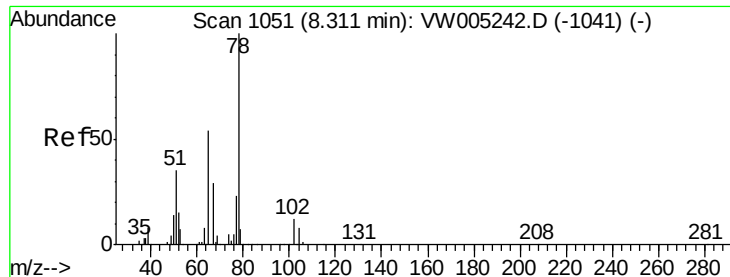
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#32
1,1,1-Trichloroethane
Concen: 19.74 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.5	77.3	
61	42.1	32.5	48.7	





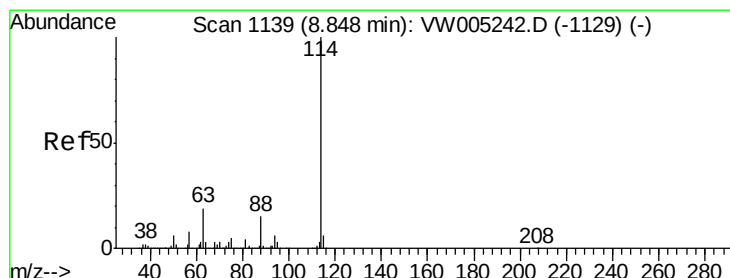
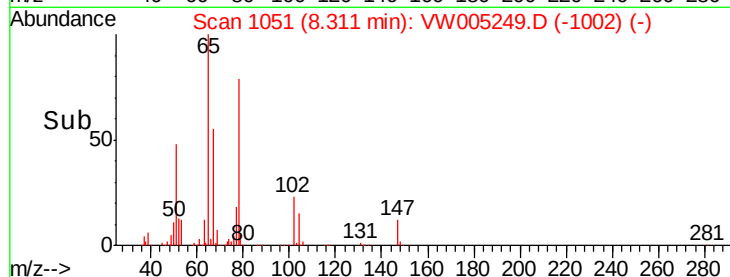
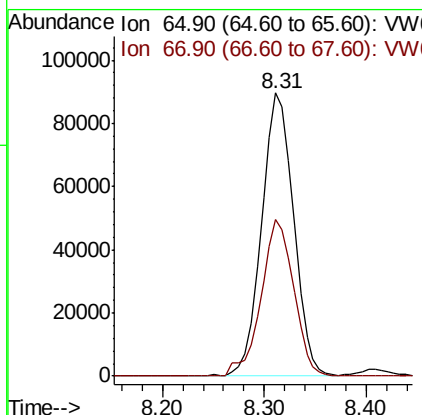
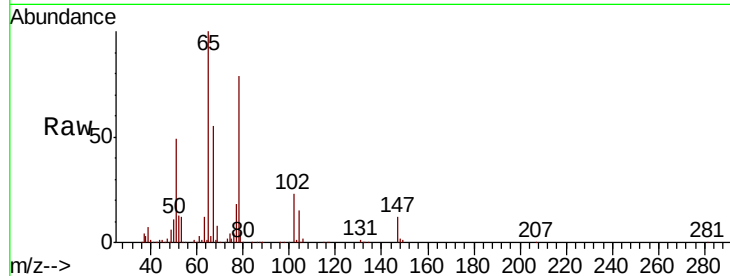
#33
 1,2-Dichloroethane-d4
 Concen: 51.06 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195414		
67	56.4	0.0	112.2	

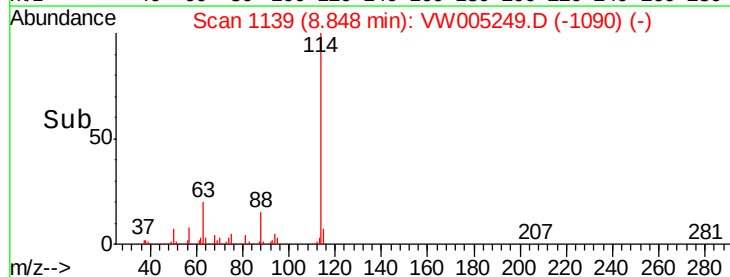
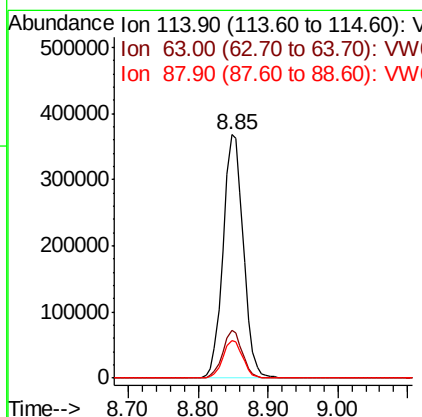
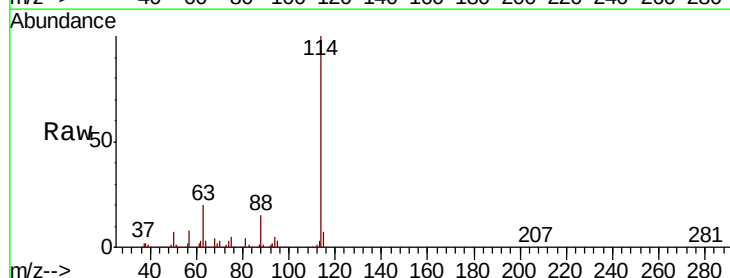
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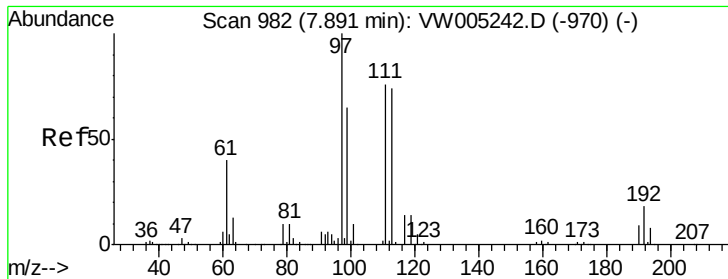
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	739825		
63	19.8	0.0	37.0	
88	15.2	0.0	30.4	





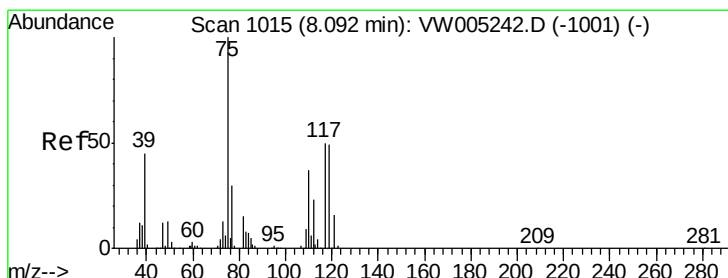
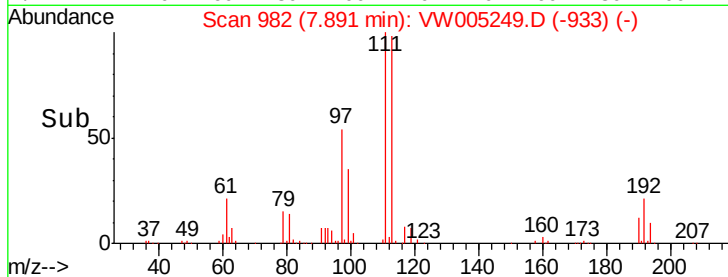
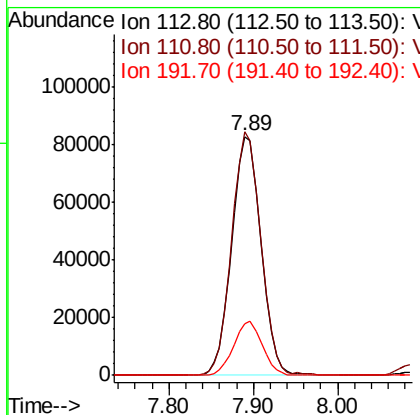
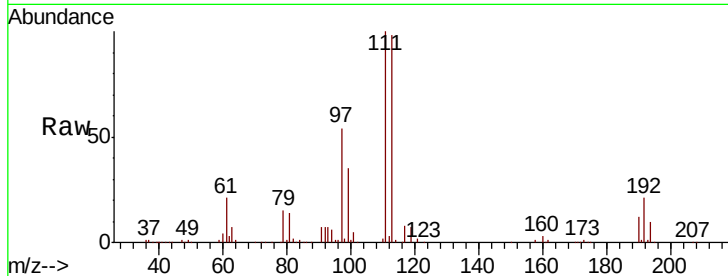
#35
 Dibromofluoromethane
 Concen: 50.28 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194876		
111	101.4	80.6	121.0	
192	22.0	18.3	27.5	

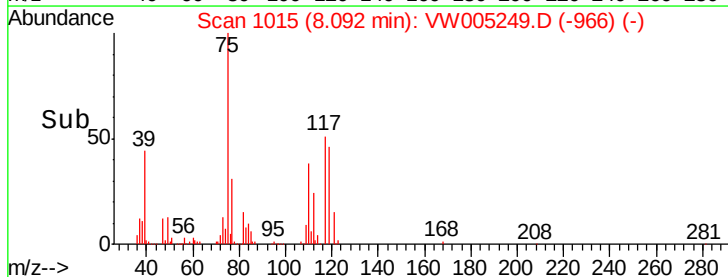
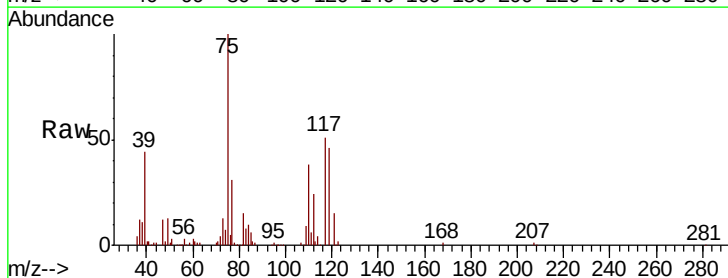
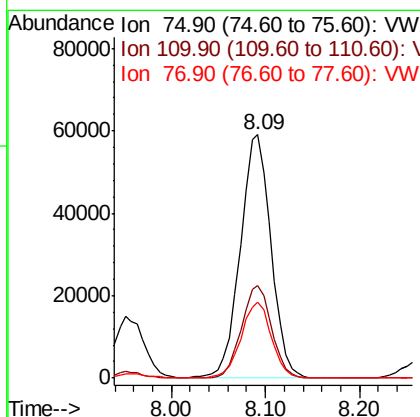
Manual Integrations
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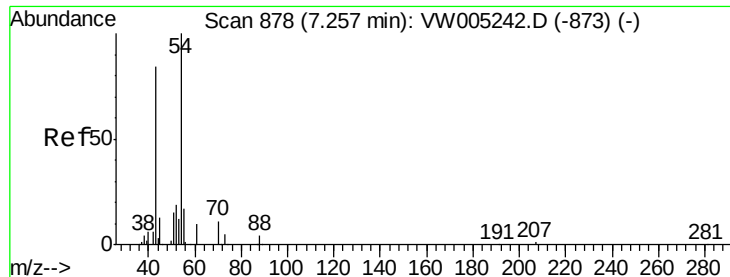
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#36
 1,1-Dichloropropene
 Concen: 19.78 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	134095		
110	37.5	18.8	56.4	
77	31.2	24.9	37.3	





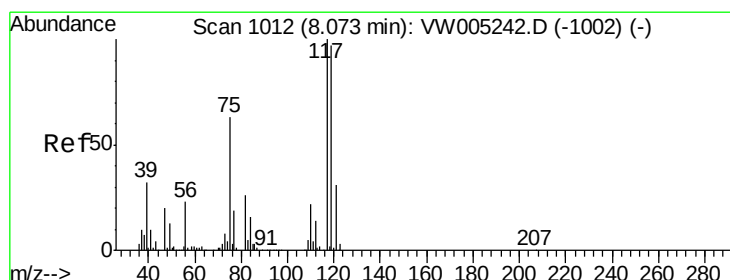
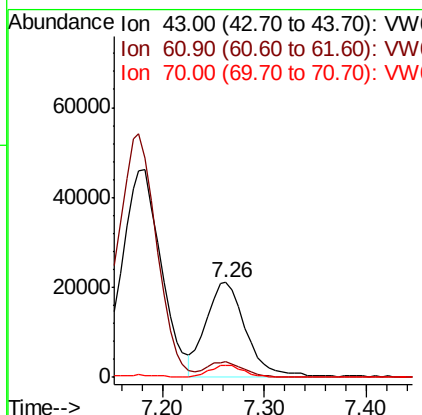
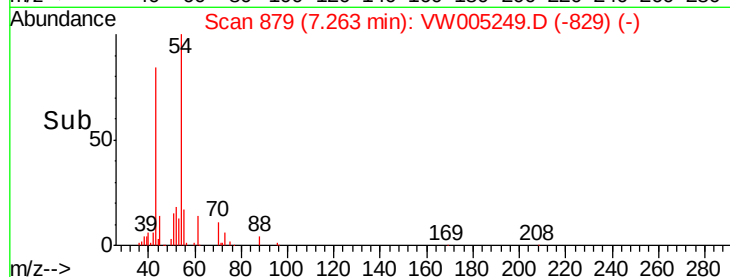
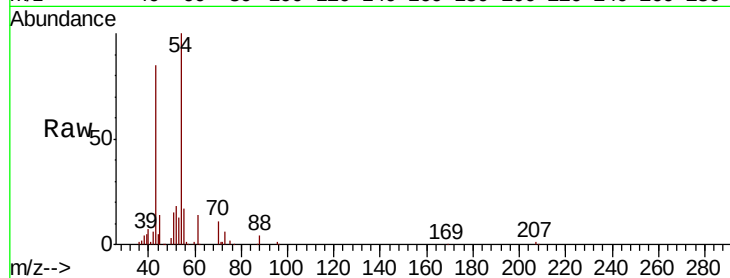
#37
Ethyl Acetate
Concen: 22.00 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampled :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	11.8	9.5	14.3

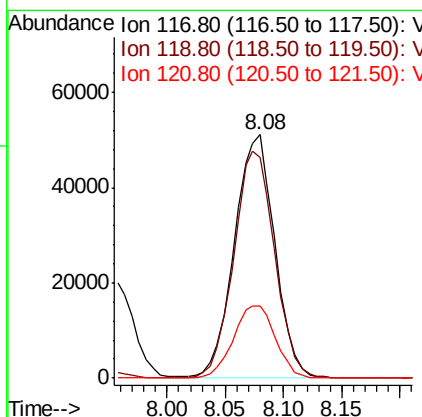
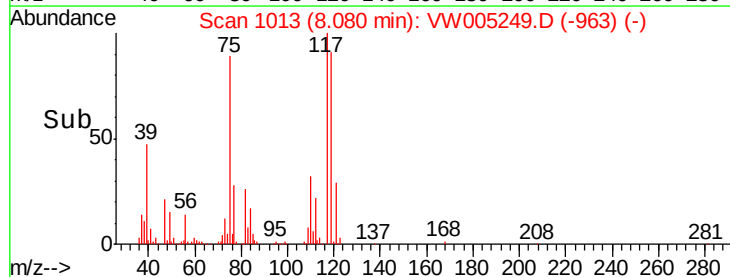
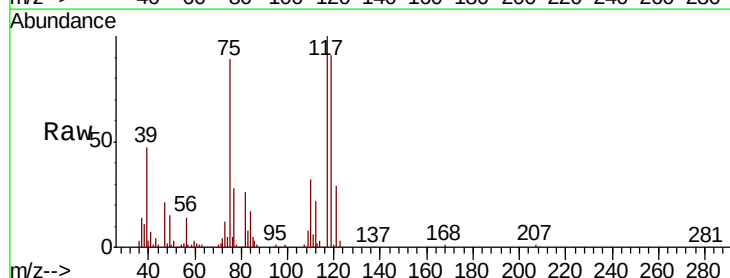
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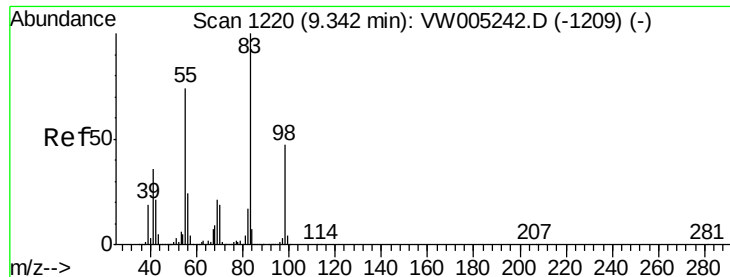
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#38
Carbon Tetrachloride
Concen: 19.34 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	77.5	116.3
121	29.5	24.7	37.1





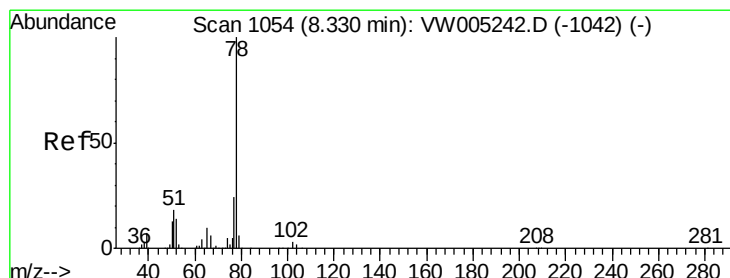
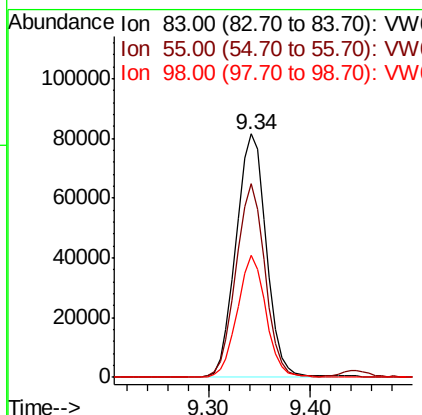
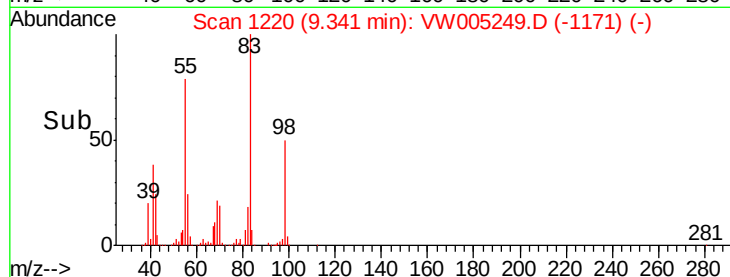
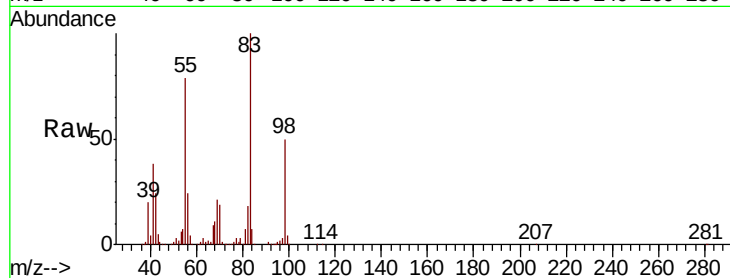
#39
Methylvlcyclohexane
Concen: 18.70 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	58.9	88.3
98	49.9	37.6	56.4

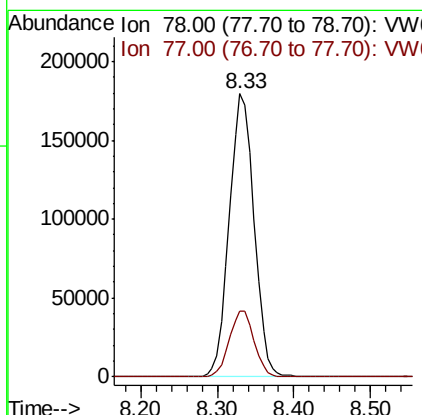
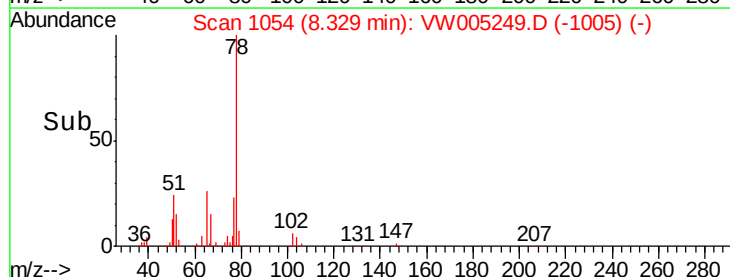
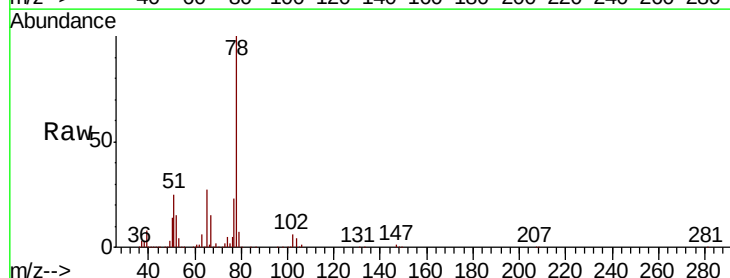
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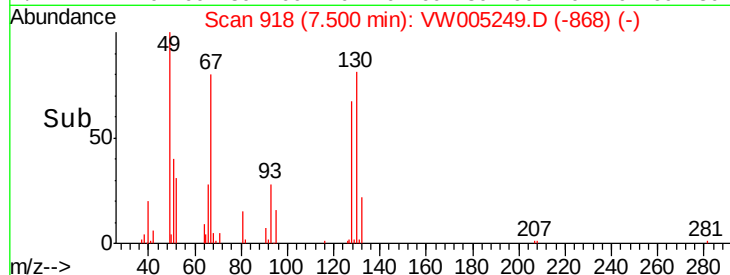
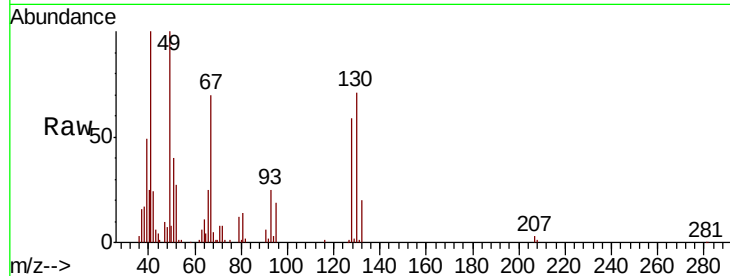
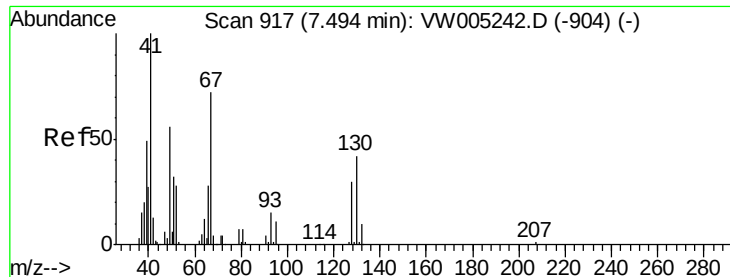
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#40
Benzene
Concen: 20.22 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

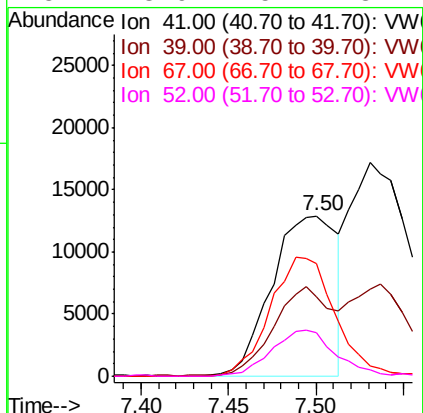
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





#41
Methacrylonitrile
Concen: 25.28 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

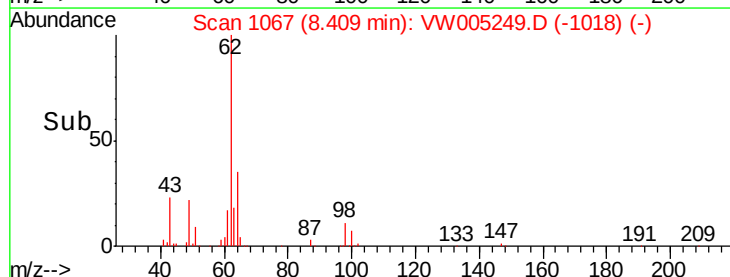
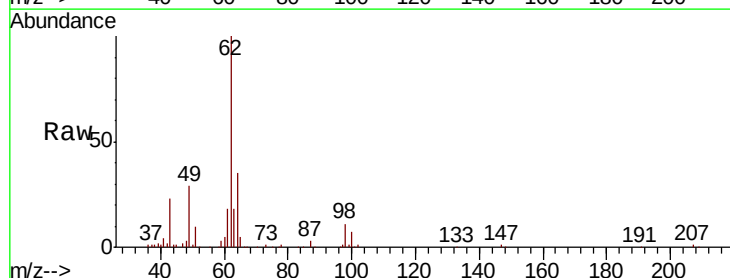
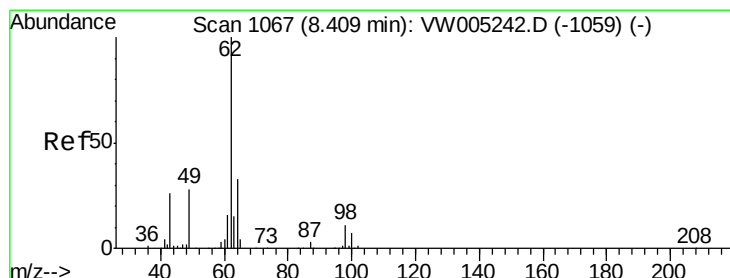
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	33435		
39	39	50.8		39.9	59.9
67	67	74.2		65.7	98.5
52	52	28.9		25.1	37.7



Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

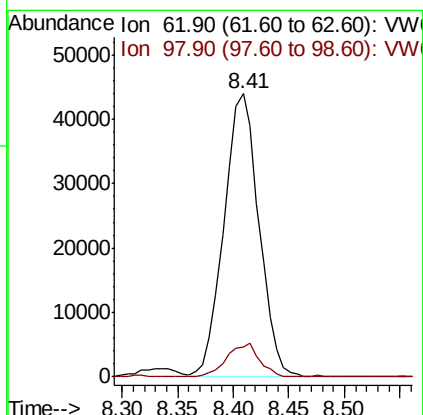
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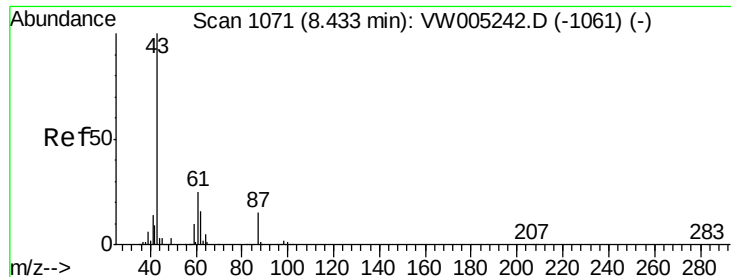
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#42
1,2-Dichloroethane
Concen: 20.08 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	95928		
98	98	11.1		0.0	22.0





#43

Isopropyl Acetate

Concen: 21.10 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

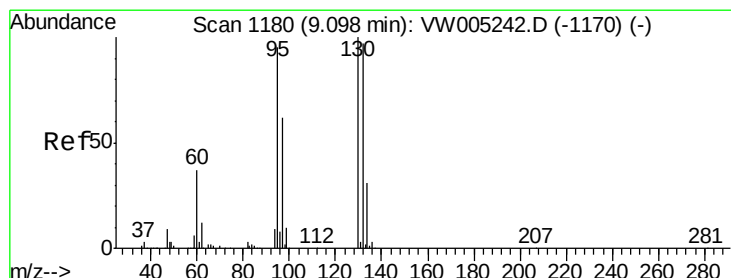
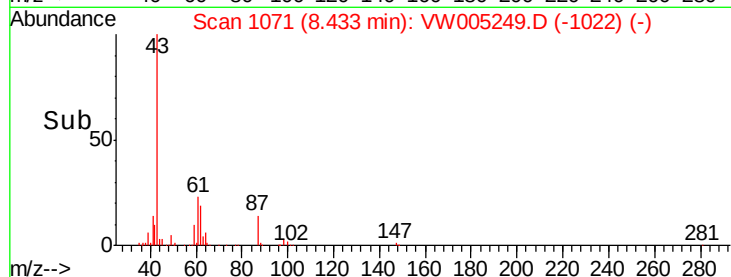
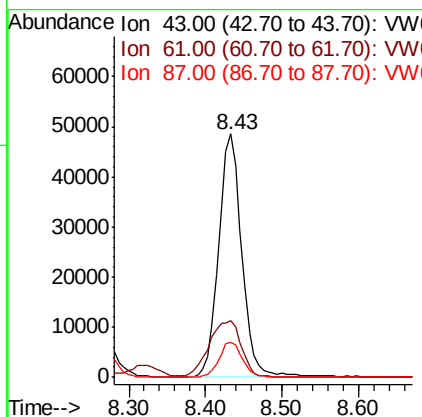
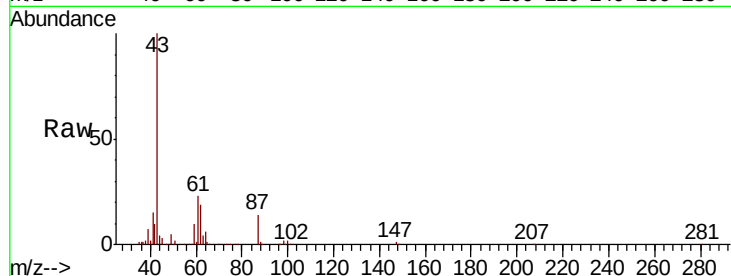
ClientSampleId :

VW0910SBSD01

Tot Ion:	43	Resp:	101000
Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.4	38.0
87	14.7	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.57 ug/l

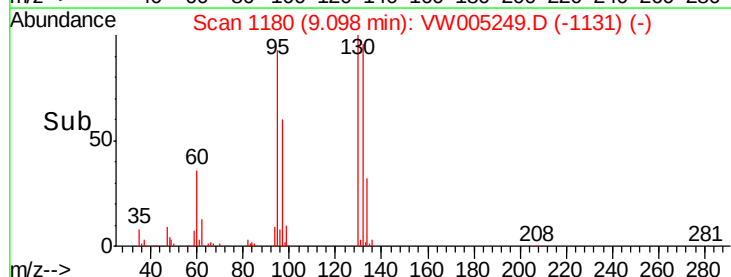
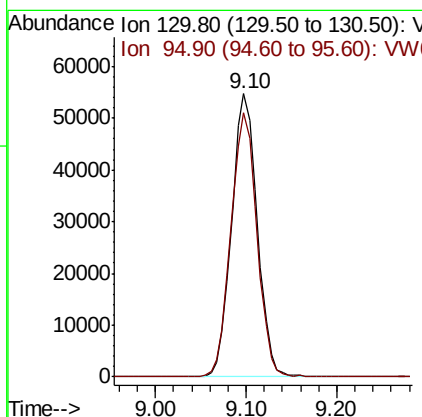
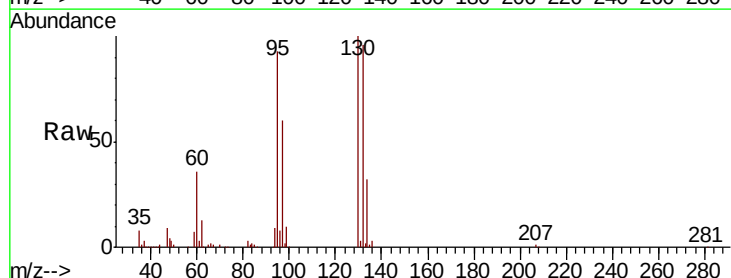
RT: 9.10 min Scan# 1180

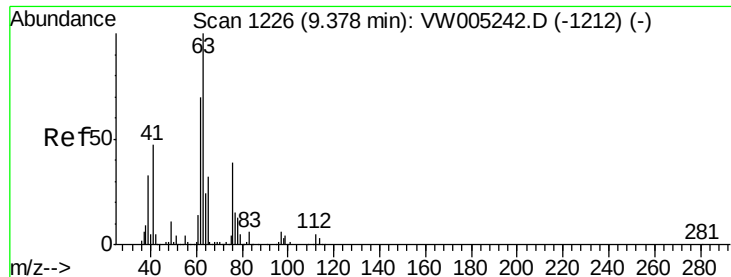
Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Tgt Ion:	130	Resp:	107228
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	189.6





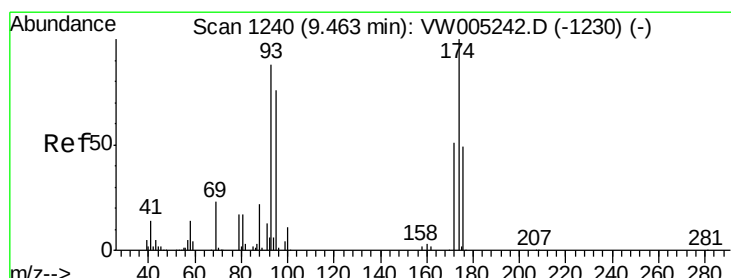
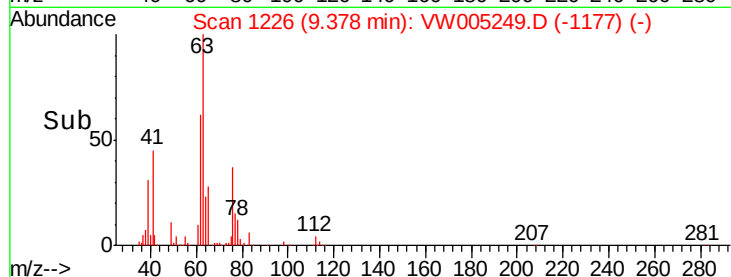
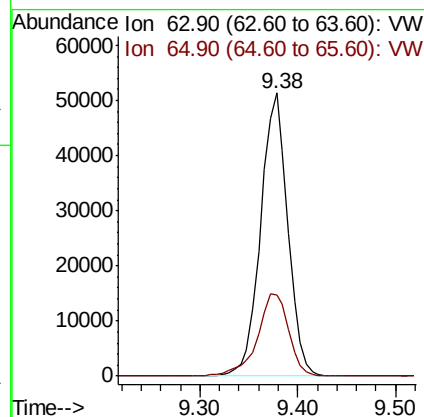
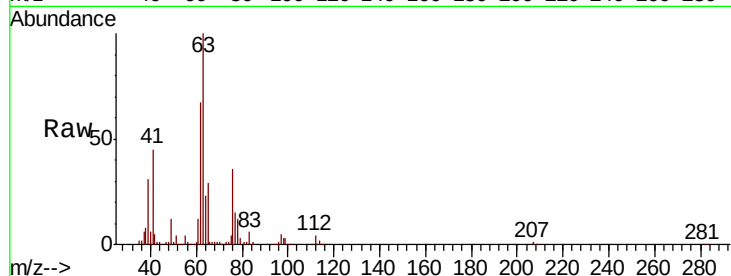
#45
 1,2-Dichloropropane
 Concen: 20.61 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	25.4	38.2

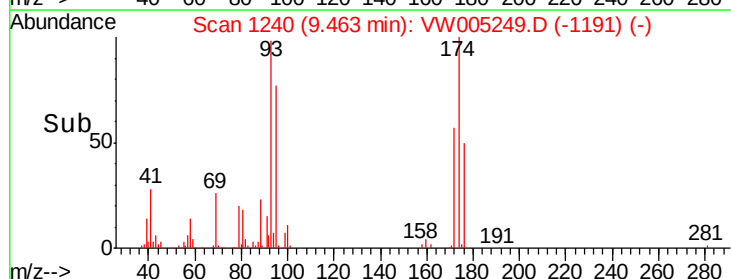
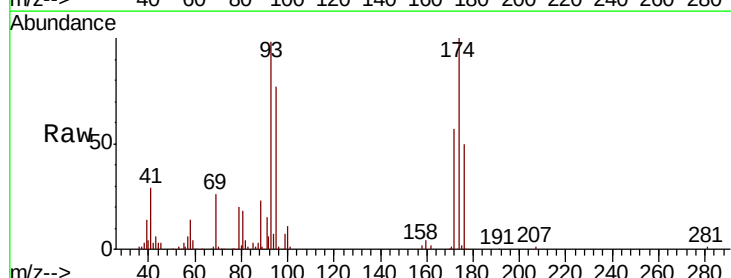
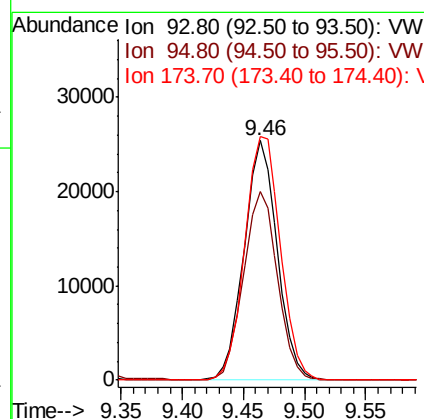
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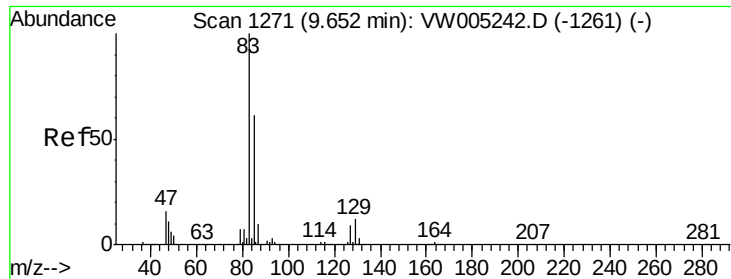
apatel
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#46
 Dibromomethane
 Concen: 20.36 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	67.0	100.4
174	109.3	92.2	138.2





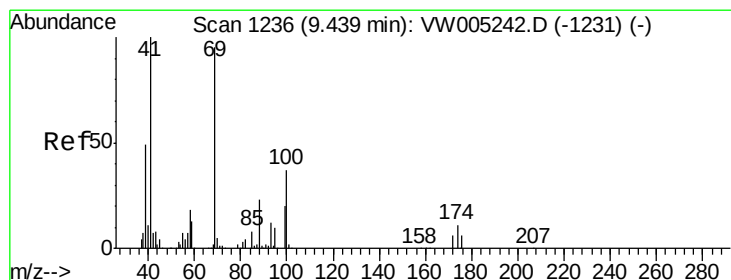
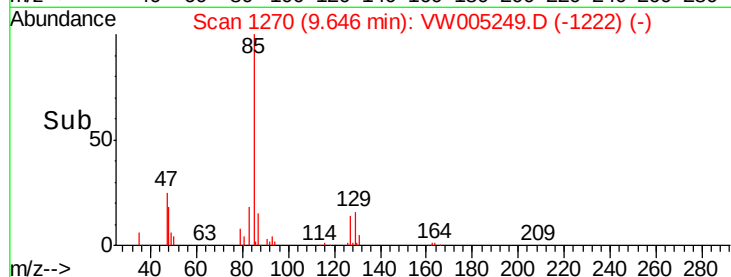
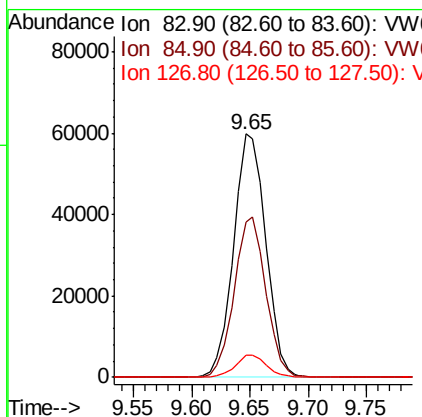
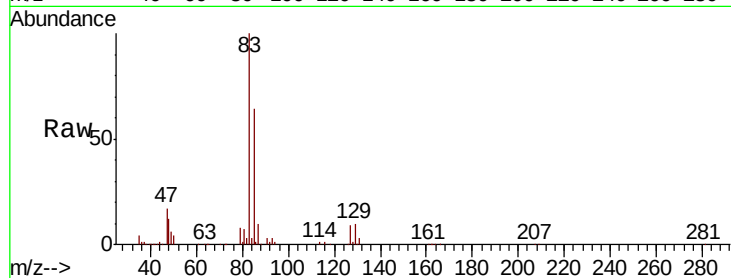
#47
Bromodichloromethane
Concen: 20.10 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	83	Resp	115504
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.0	73.6
127	8.9	7.0	10.4

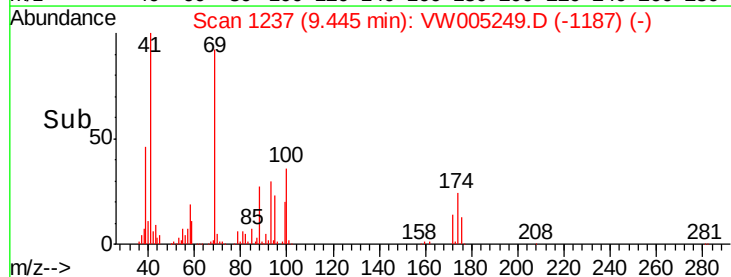
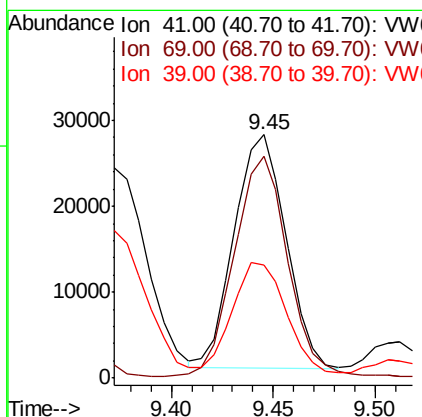
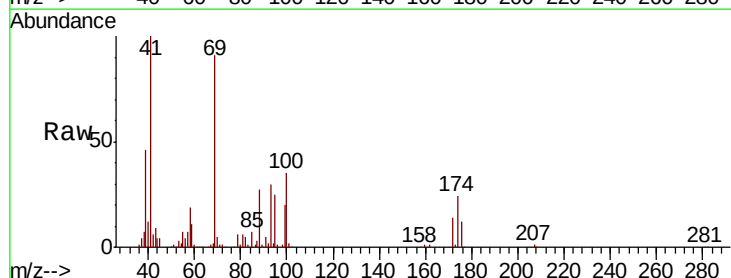
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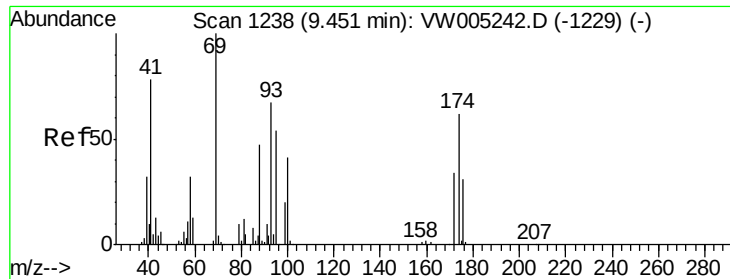
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#48
Methyl methacrylate
Concen: 19.25 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	41	Resp	47857
Ion Ratio	Lower	Upper	
41	100		
69	100.7	74.6	112.0
39	48.6	36.7	55.1





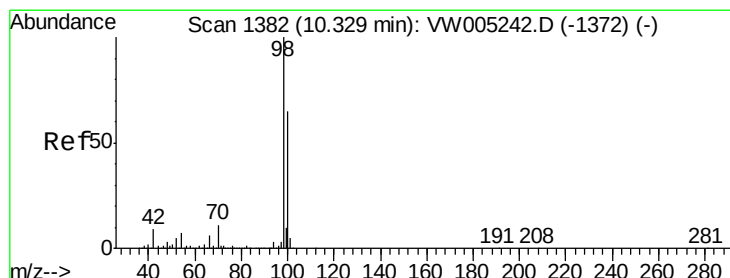
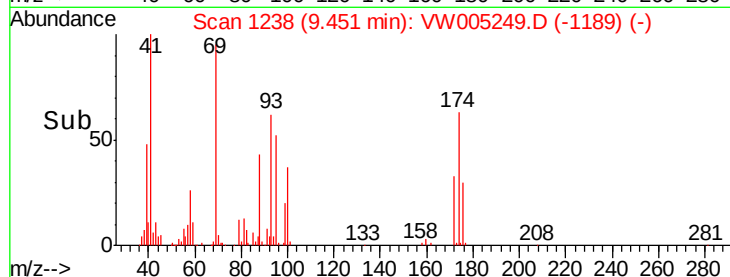
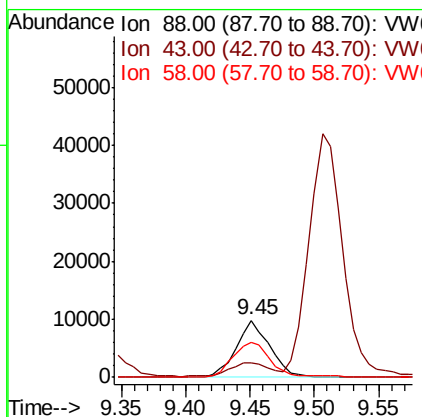
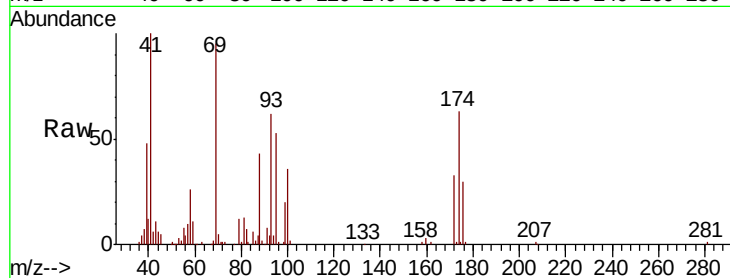
#49
1,4-Dioxane
Concen: 405.36 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	88	Resp	17781
Ion Ratio	Lower	Upper	
88	100		
43	30.5	22.7	34.1
58	68.2	56.6	85.0

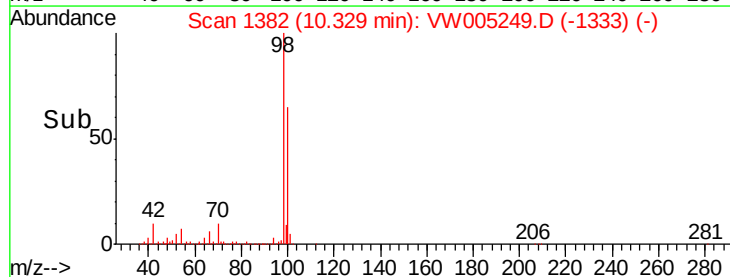
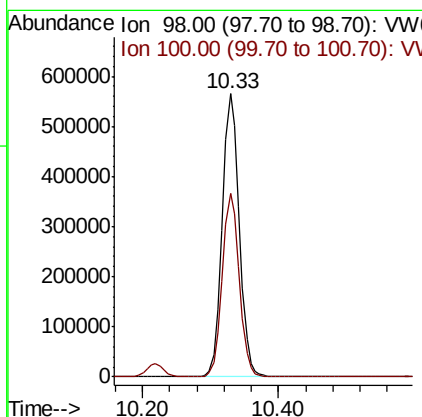
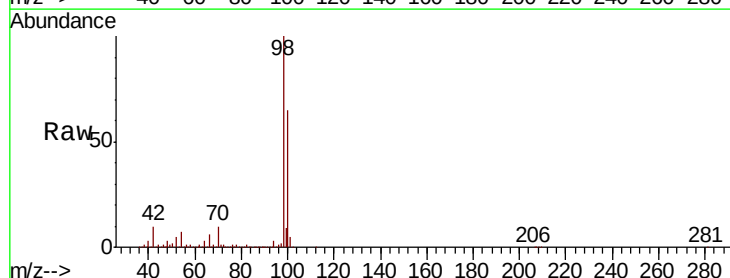
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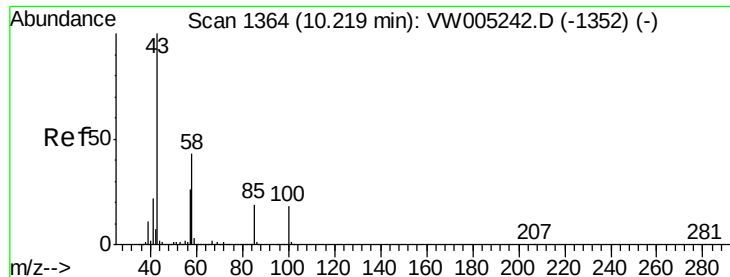
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#50
Toluene-d8
Concen: 49.94 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	98	Resp	977985
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 104.01 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampled :

VW0910SBSD01

Tot Ion: 43 Resp: 280235

Ion Ratio Lower Upper

43 100

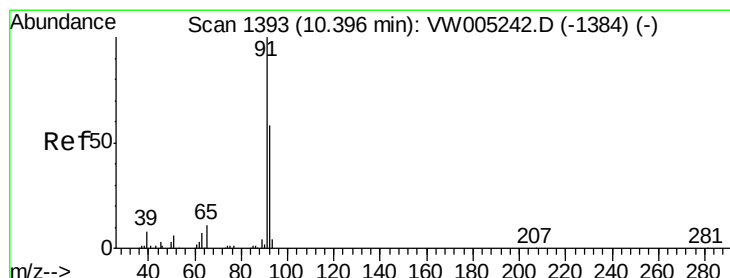
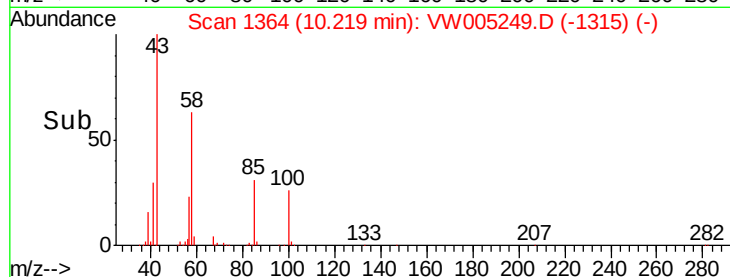
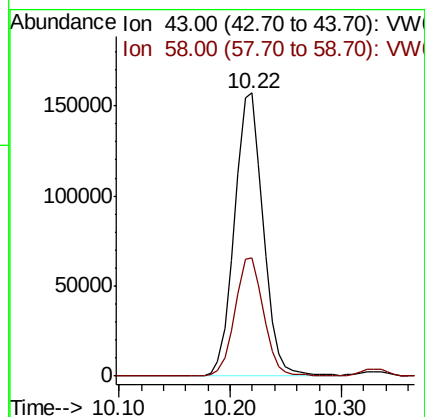
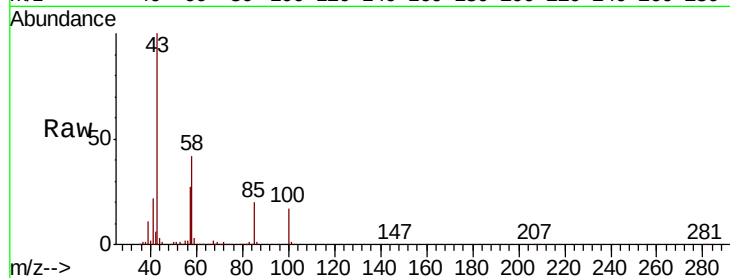
58 42.0 33.8 50.6

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#52

Toluene

Concen: 20.09 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005249.D

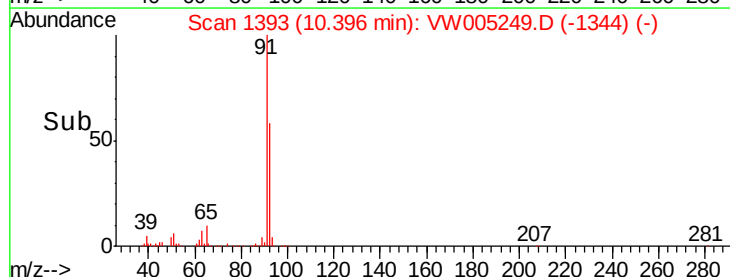
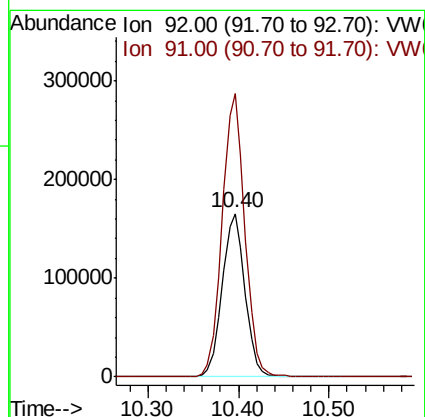
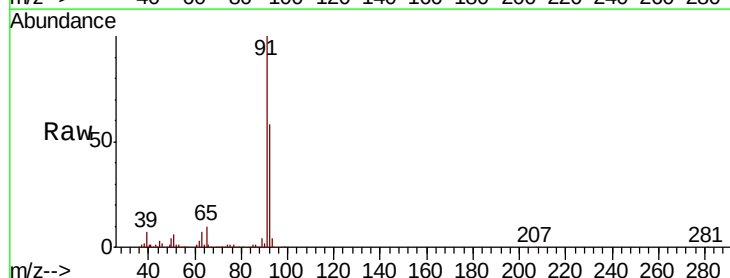
Acq: 10 Sep 2018 19:12

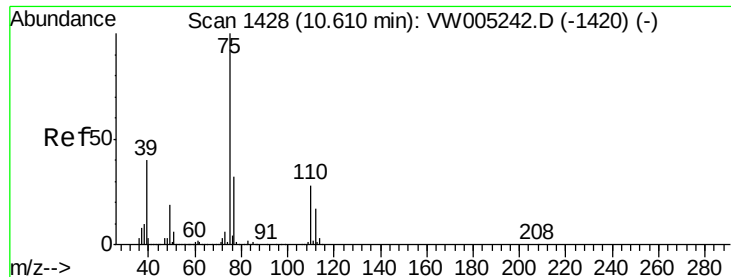
Tgt Ion: 92 Resp: 291605

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.94 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 75 Resp: 123848

Ion Ratio Lower Upper

75 100

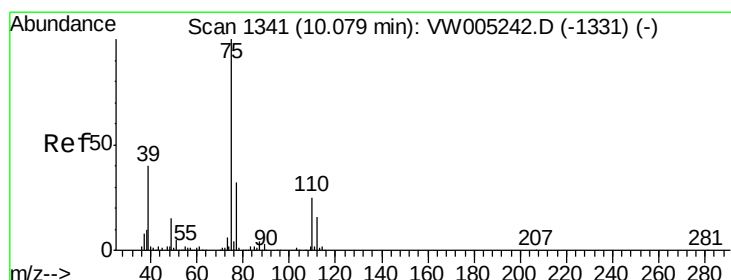
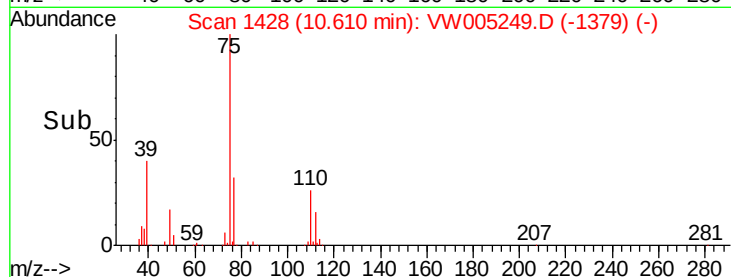
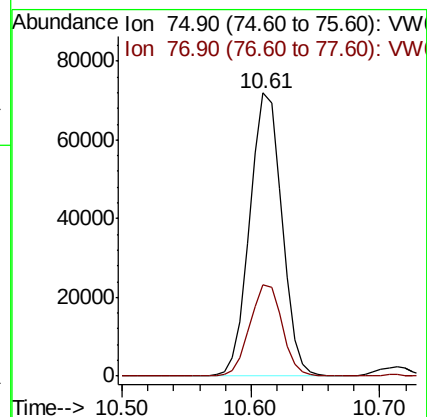
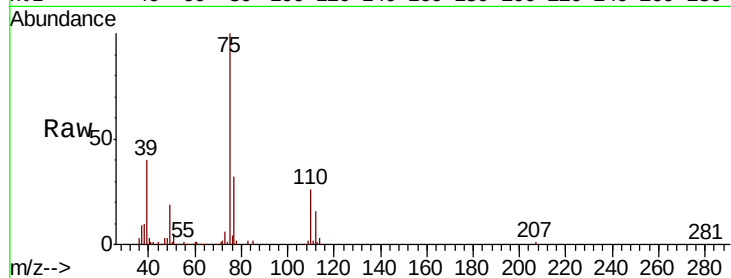
77 32.2 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.15 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

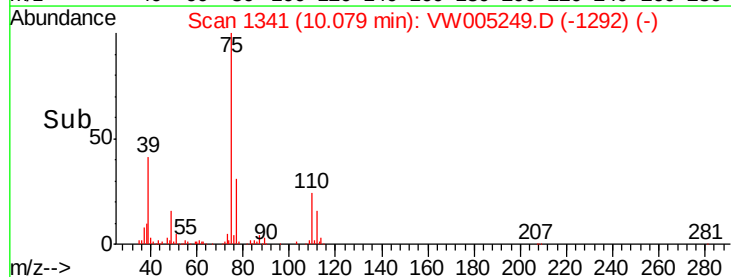
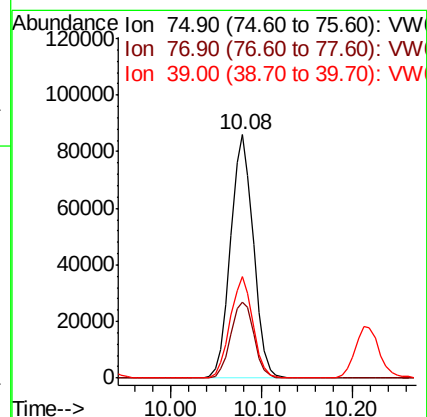
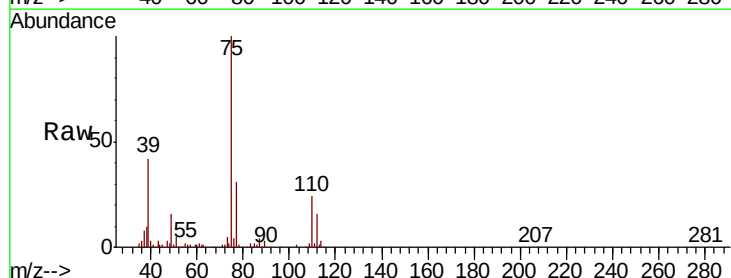
Tgt Ion: 75 Resp: 149896

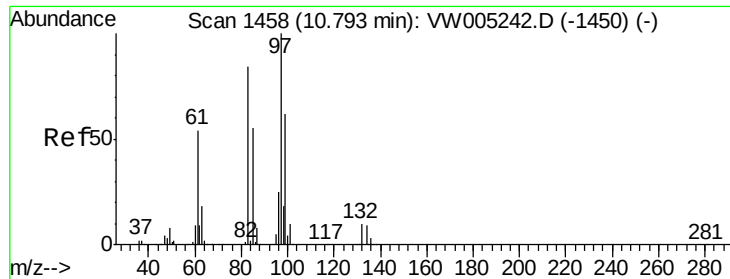
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 41.3 31.8 47.6





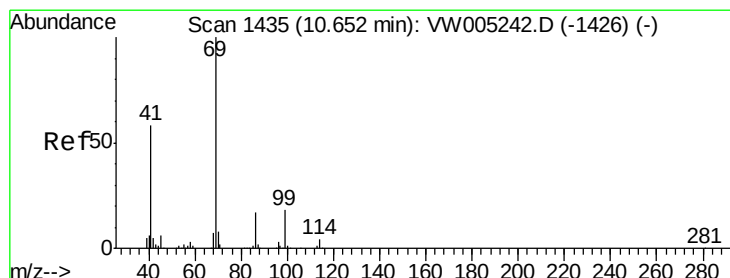
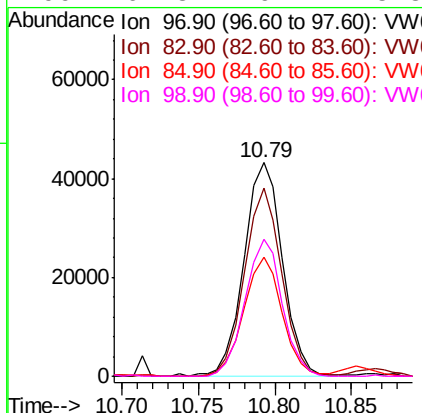
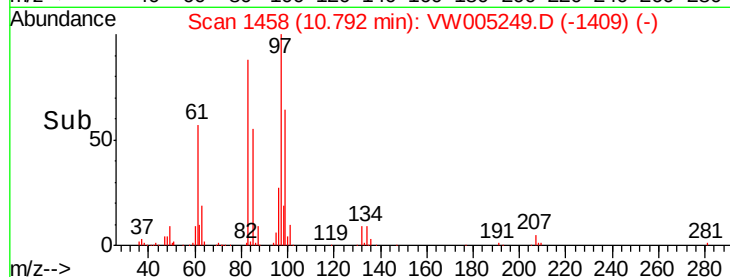
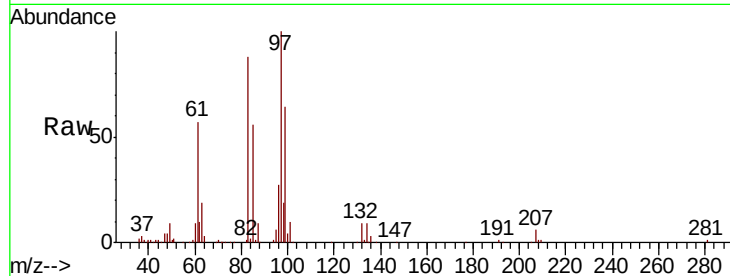
#55
 1,1,2-Trichloroethane
 Concen: 20.24 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	97	Resp	75809
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.2	100.8
85	55.6	44.4	66.6
99	64.3	49.2	73.8

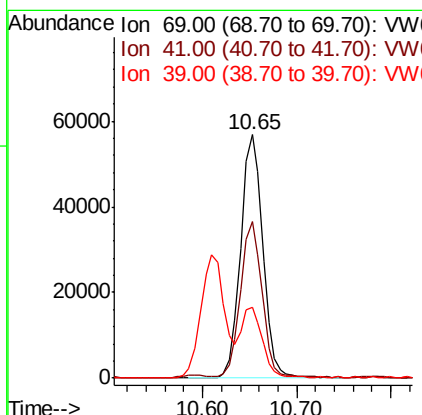
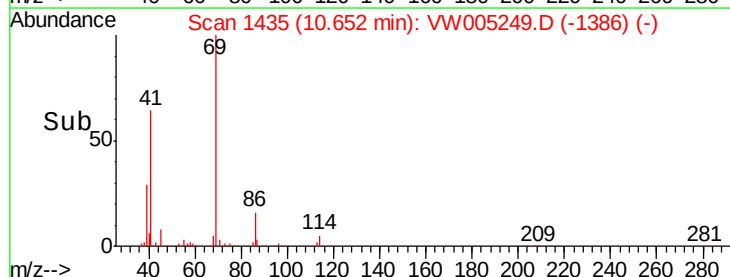
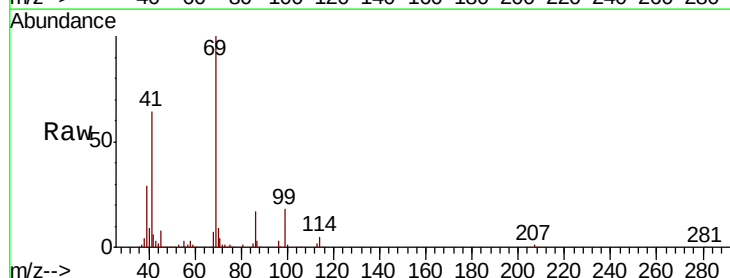
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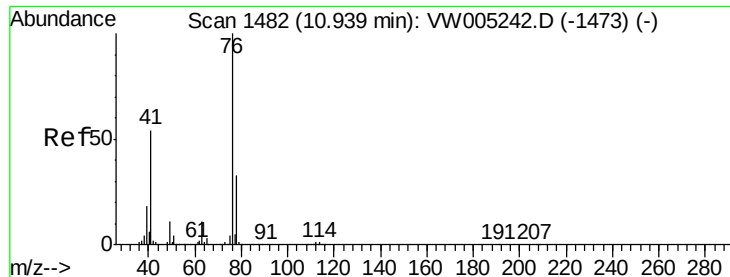
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#56
 Ethyl methacrylate
 Concen: 19.71 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	69	Resp	93611
Ion	Ratio	Lower	Upper
69	100		
41	62.4	48.7	73.1
39	27.5	20.9	31.3





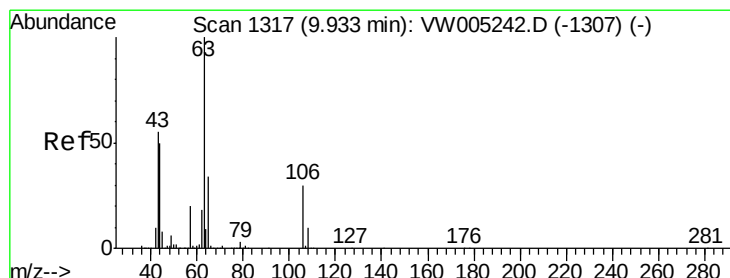
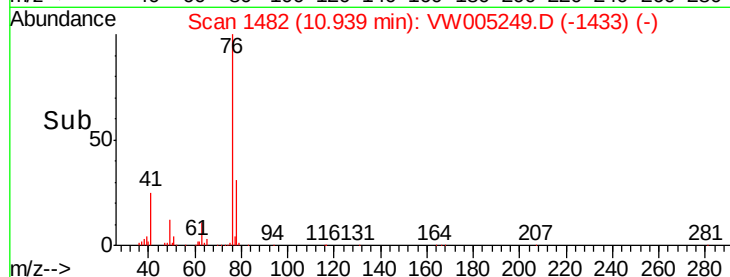
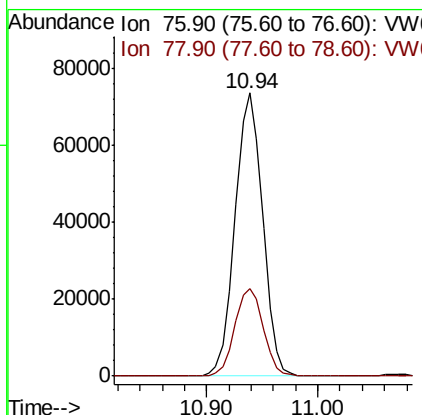
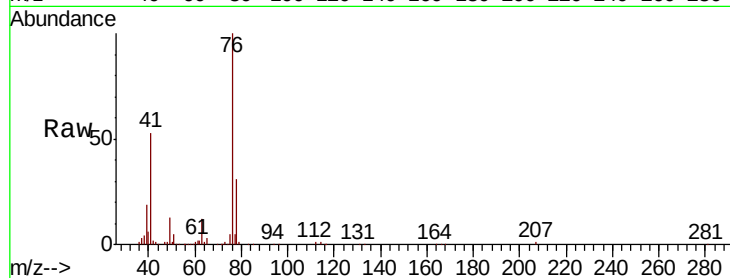
#57
 1,3-Dichloropropane
 Concen: 20.27 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

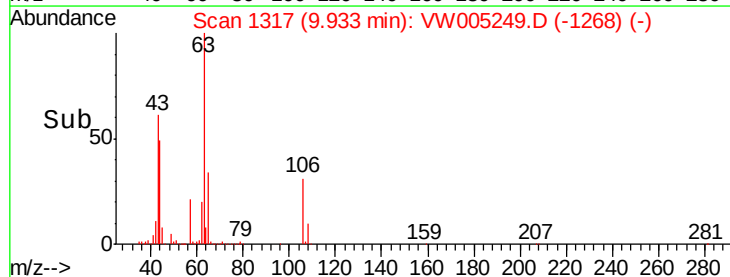
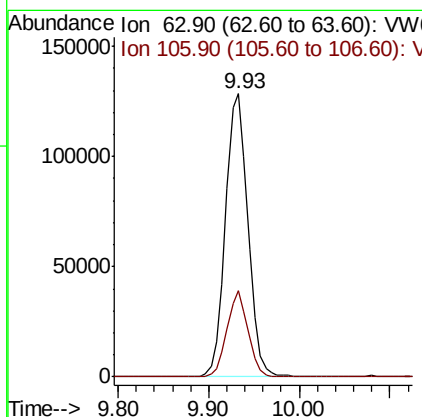
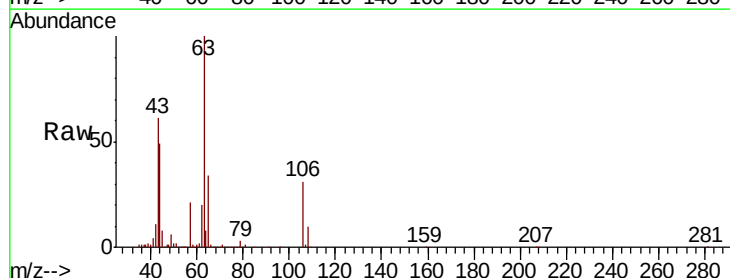
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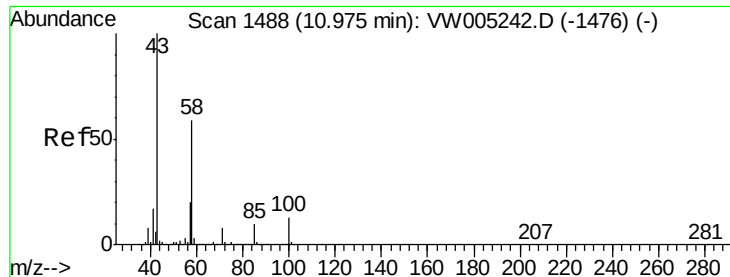
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.94 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.4	35.0





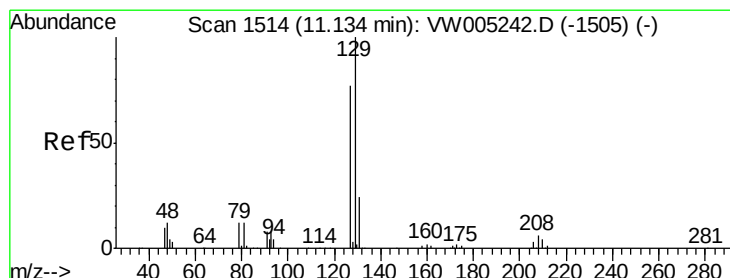
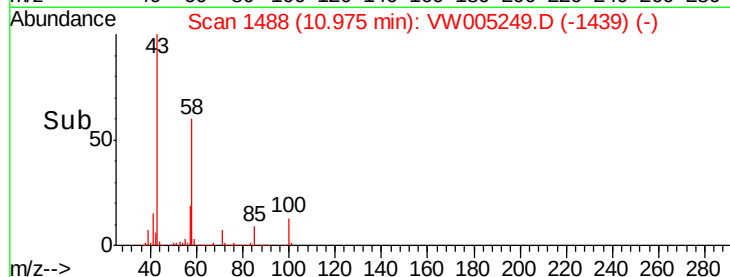
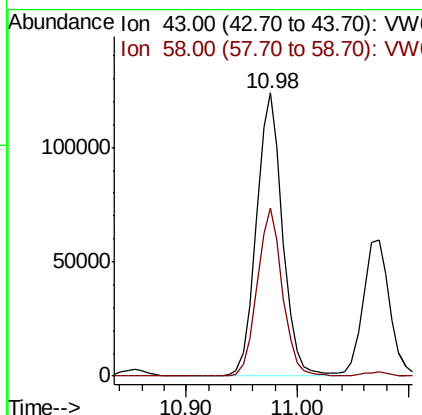
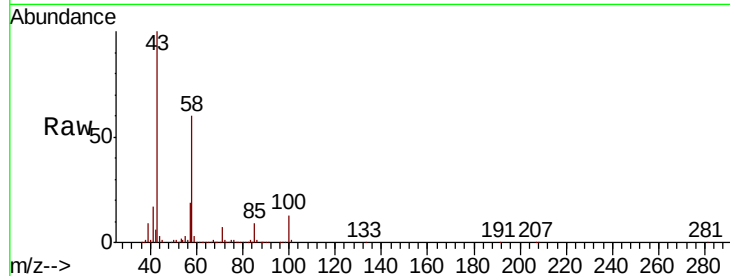
#59
2-Hexanone
Concen: 104.04 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	29.3	87.9

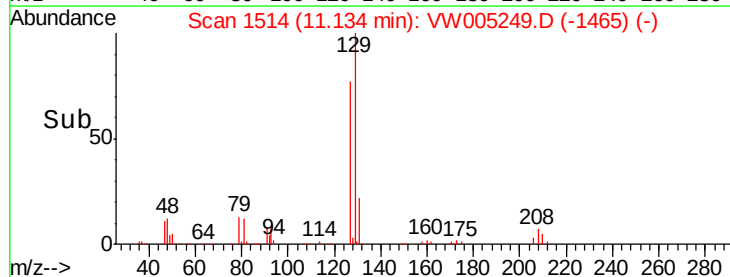
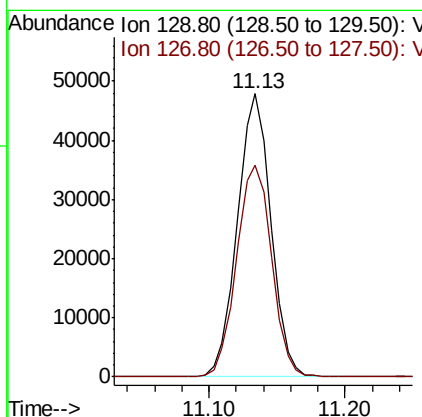
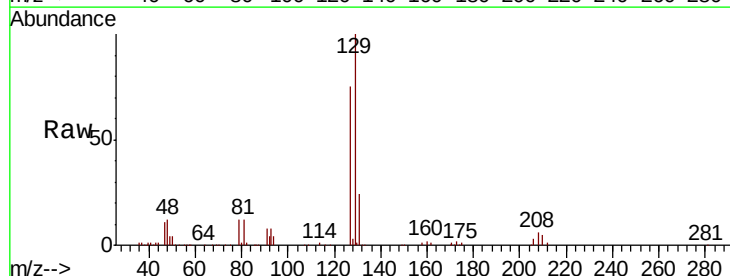
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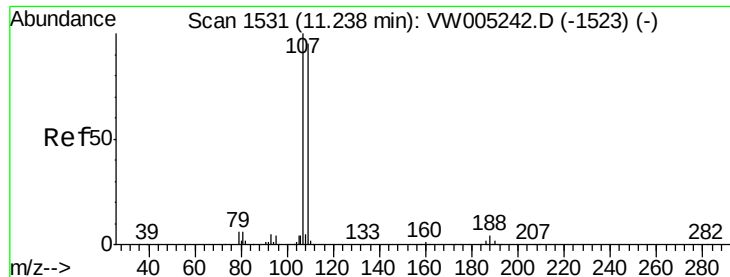
apatel
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#60
Dibromochloromethane
Concen: 19.80 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.0	117.0





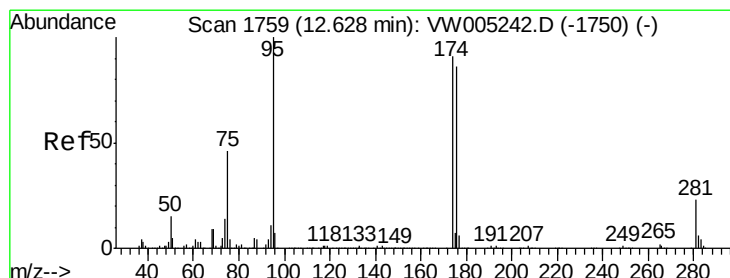
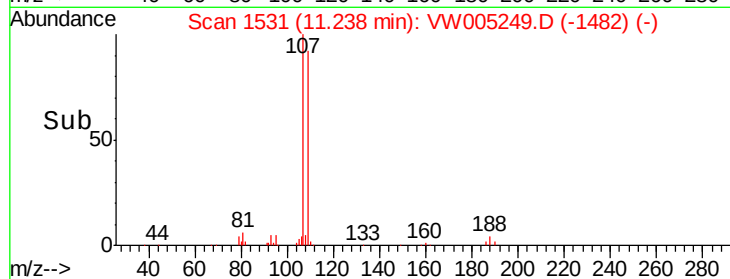
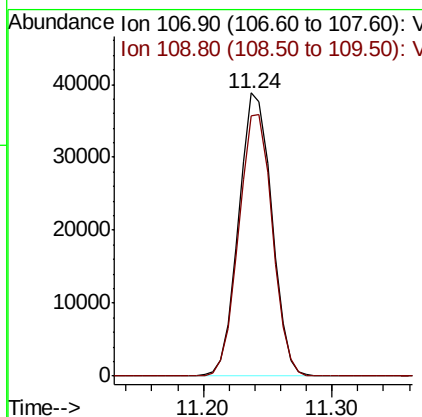
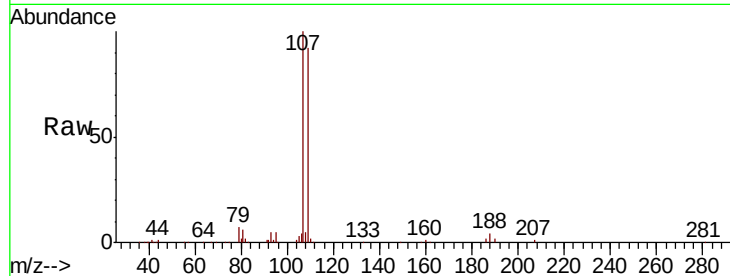
#61
 1,2-Dibromoethane
 Concen: 20.14 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.7	113.5

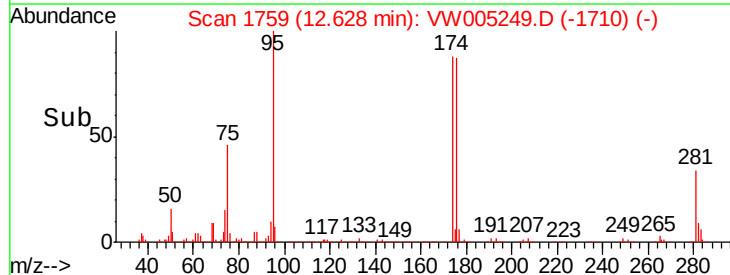
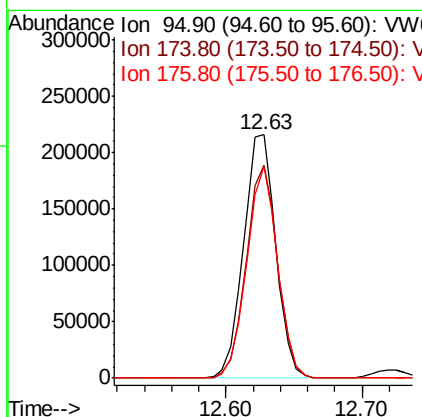
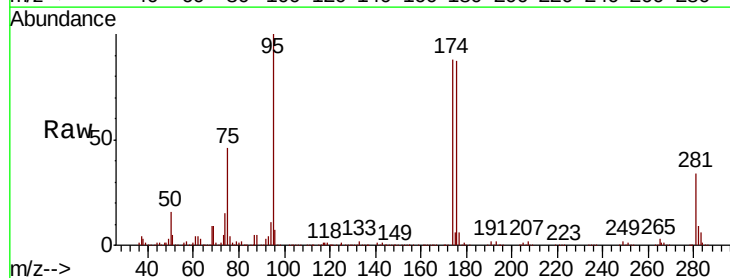
Manual Integrations
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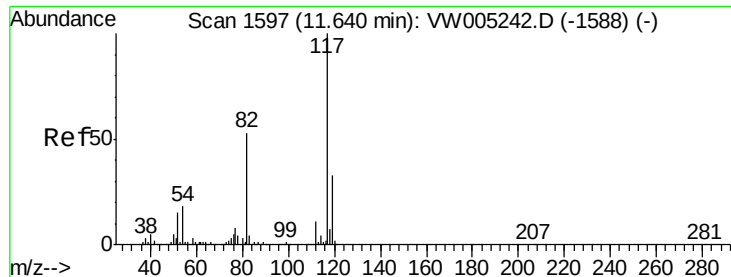
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.92 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	174.6
176	83.2	0.0	167.6





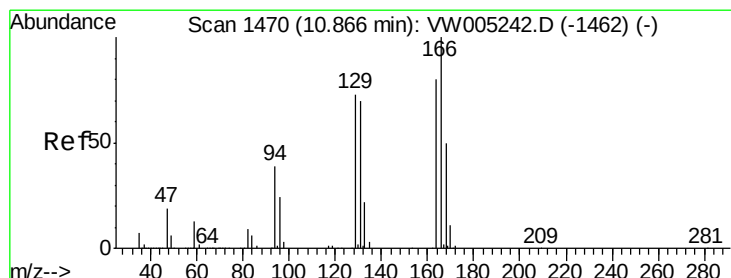
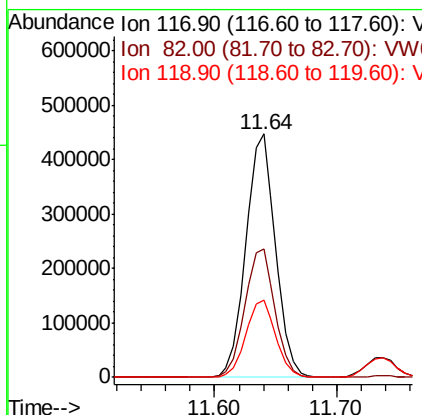
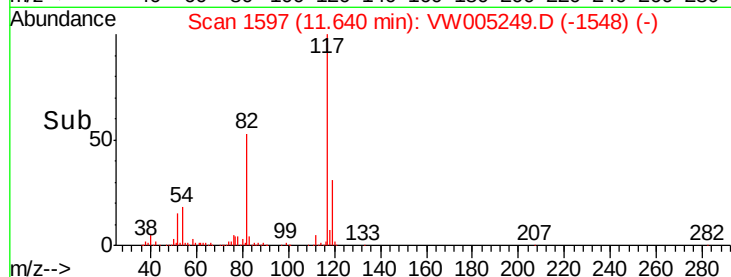
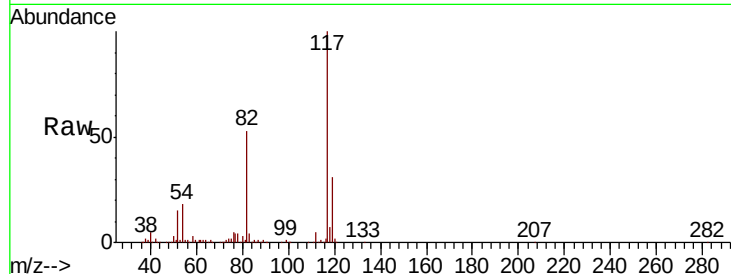
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	31.5	26.2	39.4

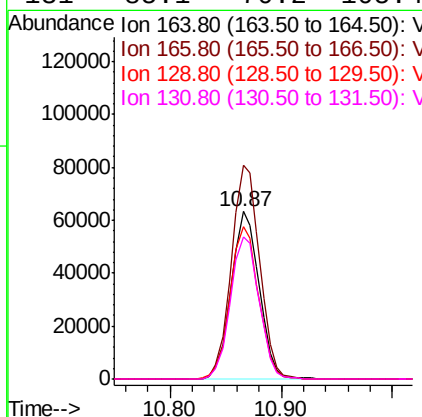
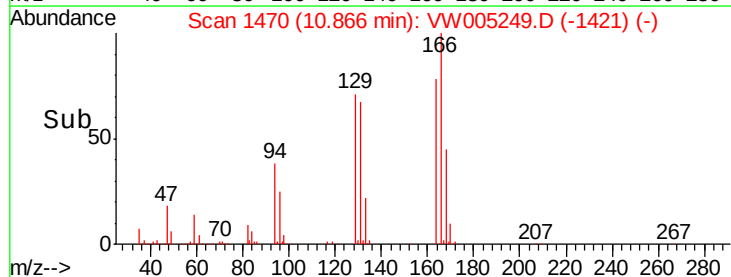
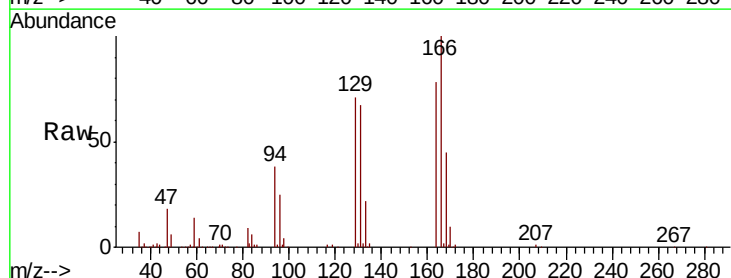
Manual Integrations
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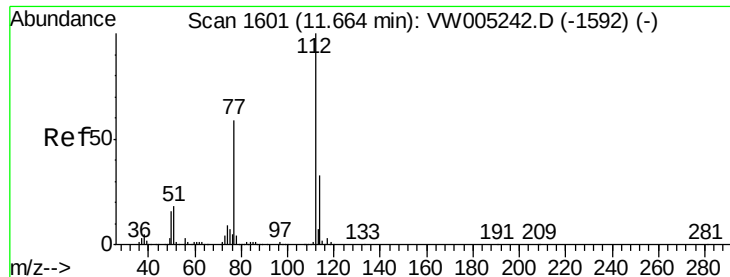
apatel
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#64
Tetrachloroethene
Concen: 19.71 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	91.2	73.2	109.8
131	85.1	70.2	105.4





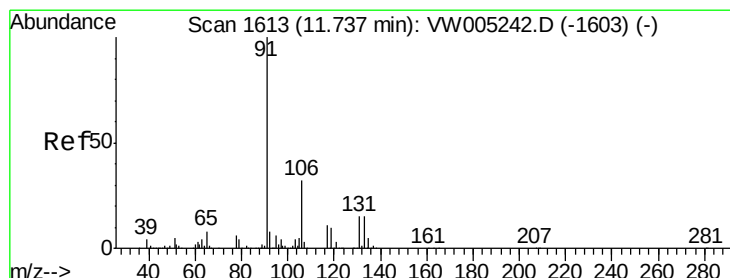
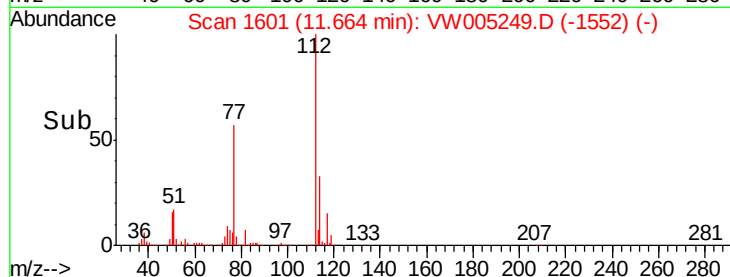
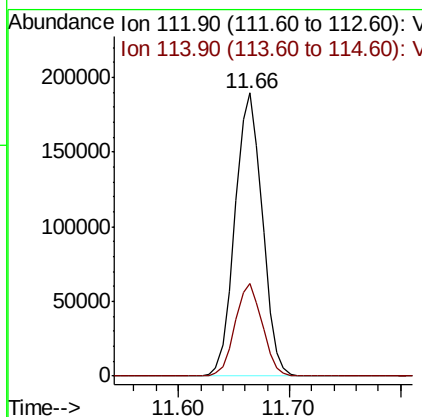
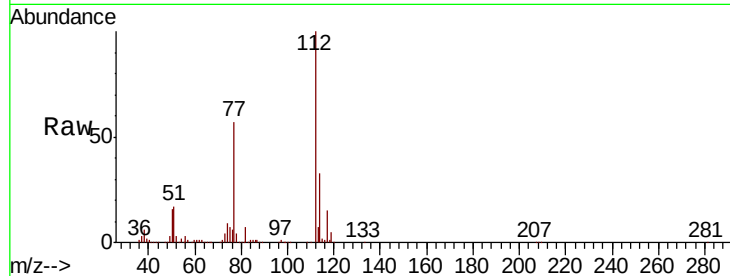
#65
Chlorobenzene
Concen: 19.50 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.4

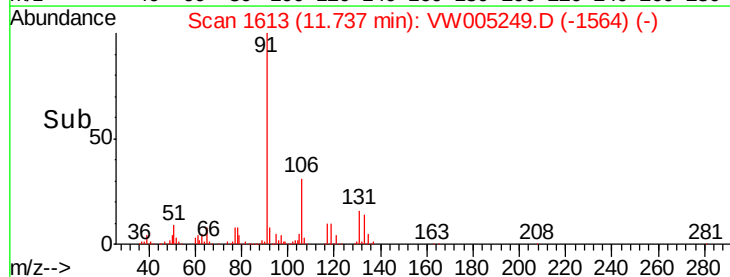
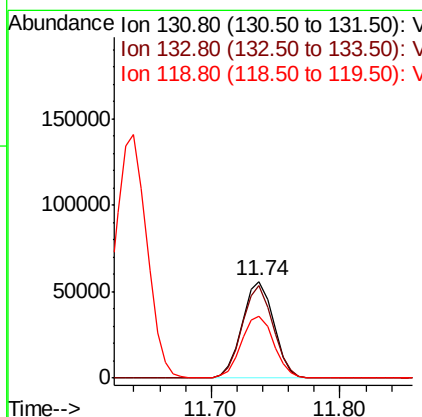
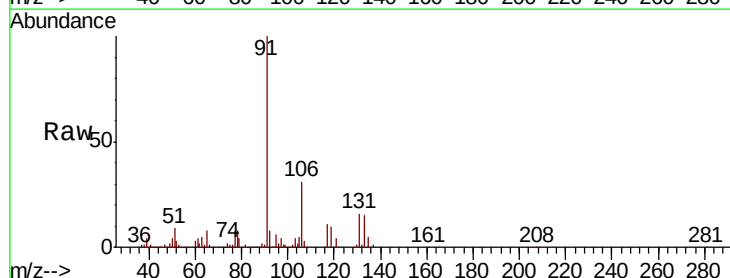
Manual Integrations
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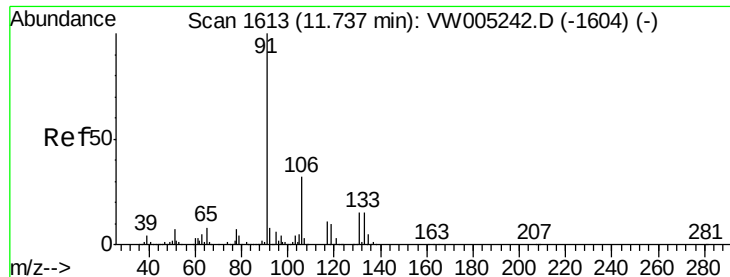
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.25 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.1	144.3
119	65.9	33.4	100.1





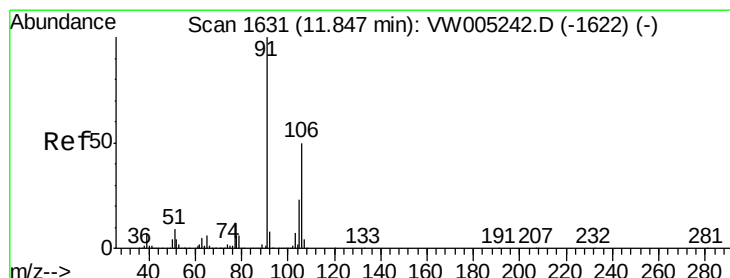
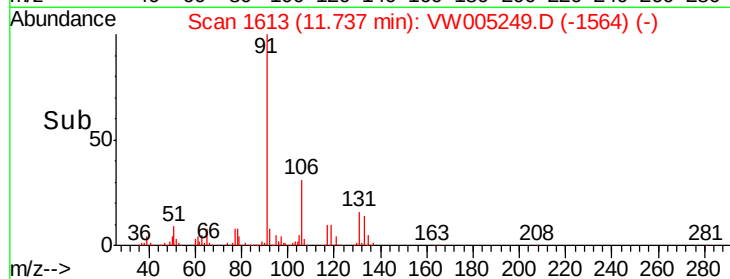
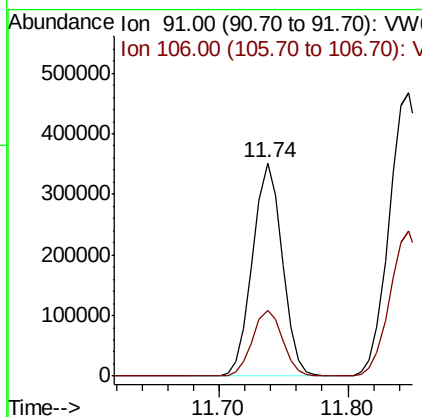
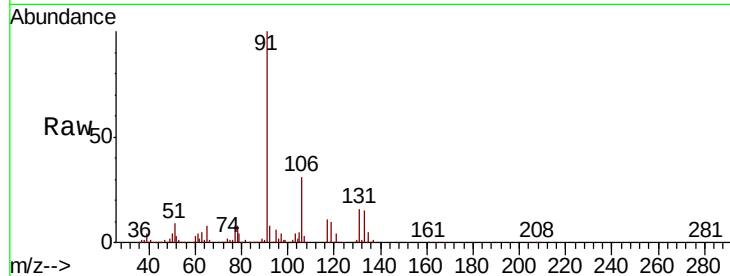
#67
Ethyl Benzene
Concen: 19.51 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.6	38.4

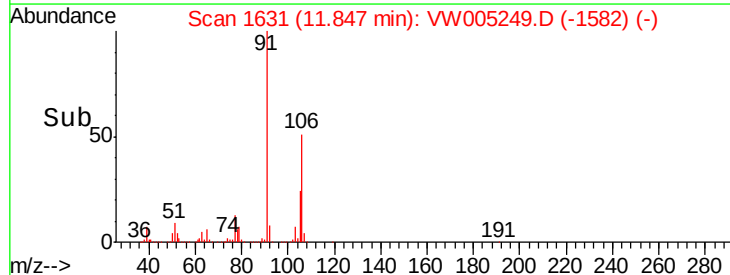
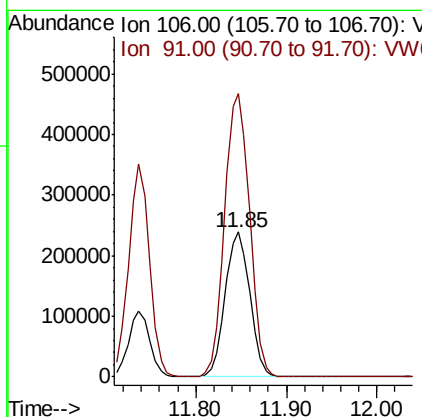
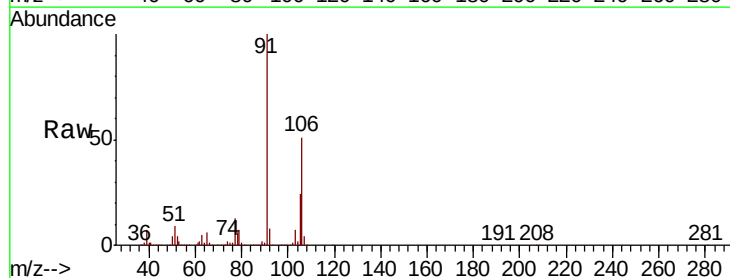
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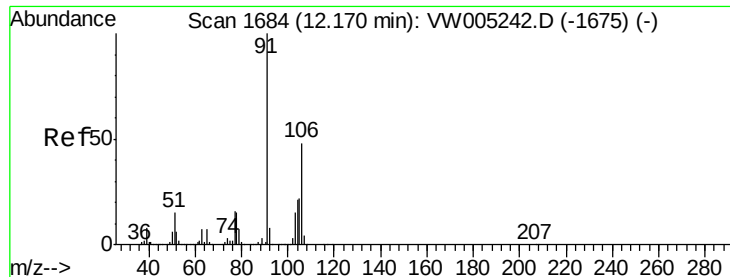
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#68
m/p-Xylenes
Concen: 38.99 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.5	160.2	240.2





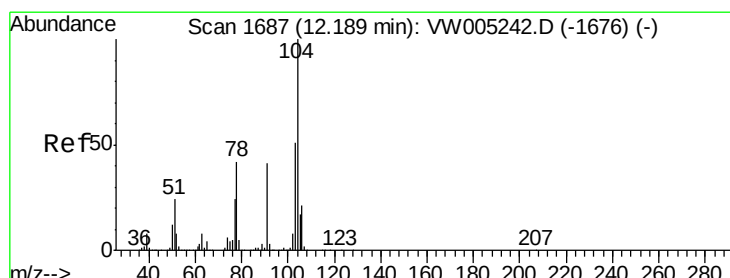
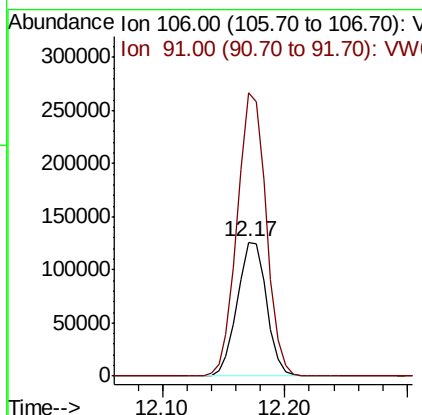
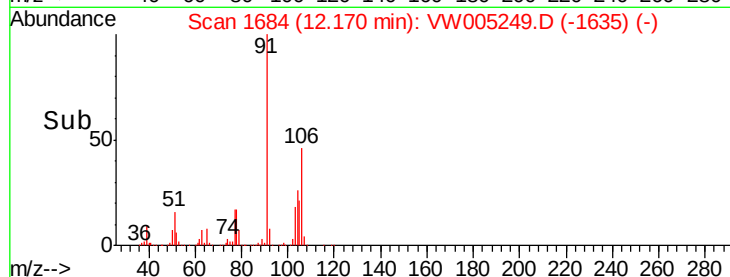
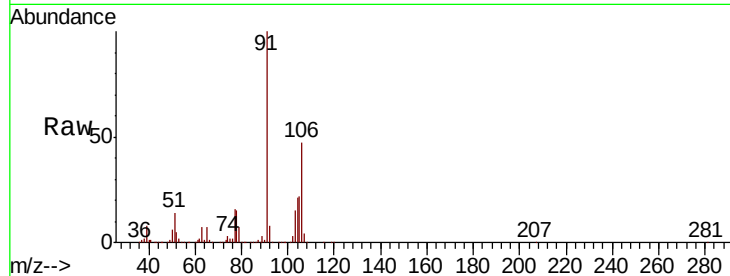
#69
o-Xylene
Concen: 19.40 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.6	104.1	312.3	

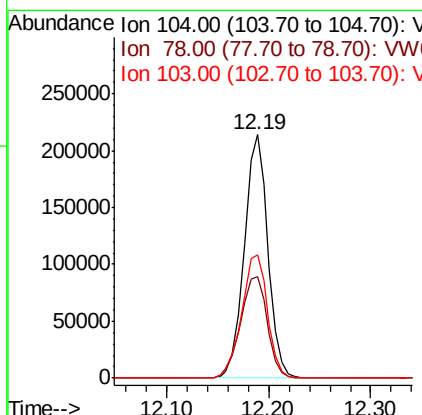
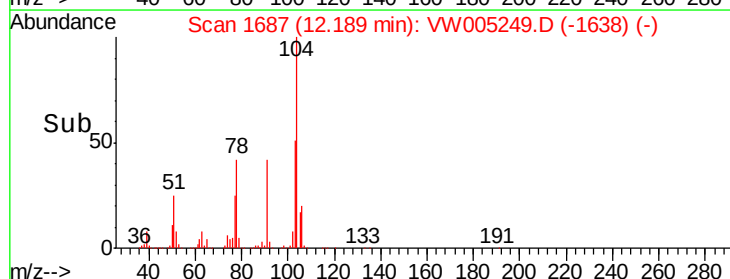
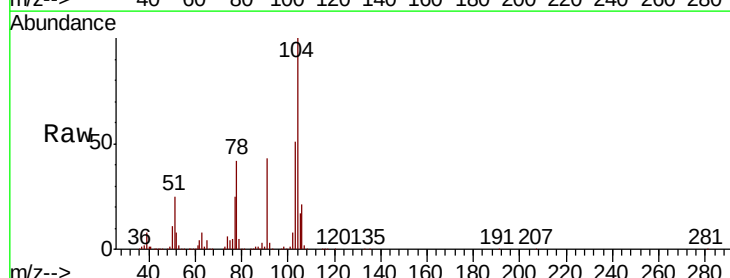
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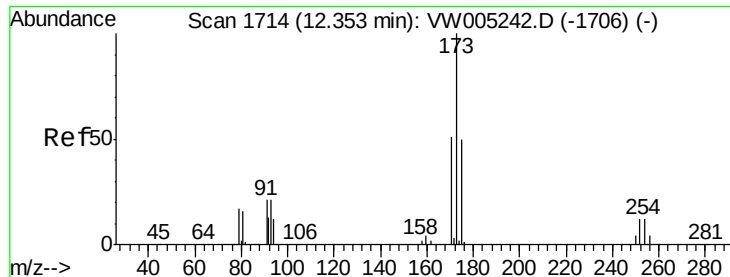
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#70
Styrene
Concen: 19.53 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	37.4	56.2	
103	55.6	44.1	66.1	





#71

Bromoform

Concen: 18.92 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

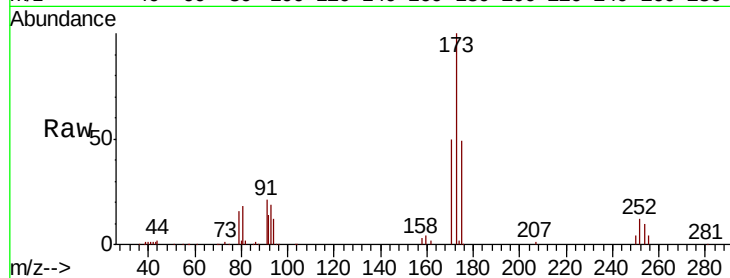
ClientSampleId :

VW0910SBSD01

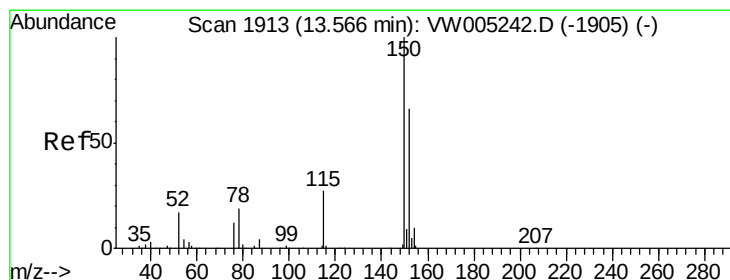
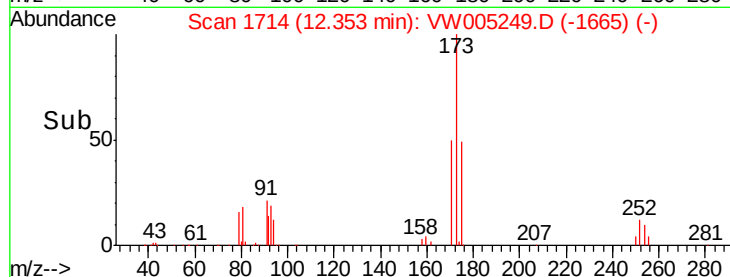
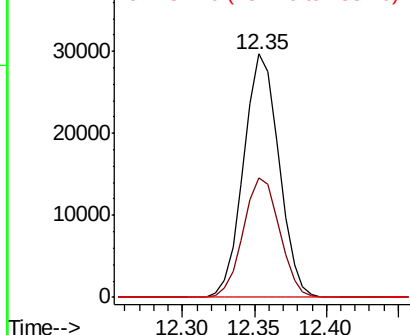
Tot Ion:	173	Resp:	50481
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.9	74.6
254	0.1	0.1	0.1

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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

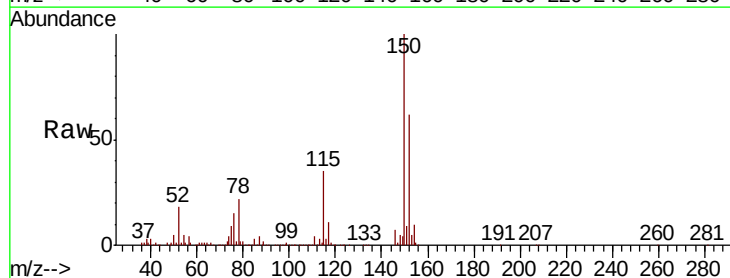
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

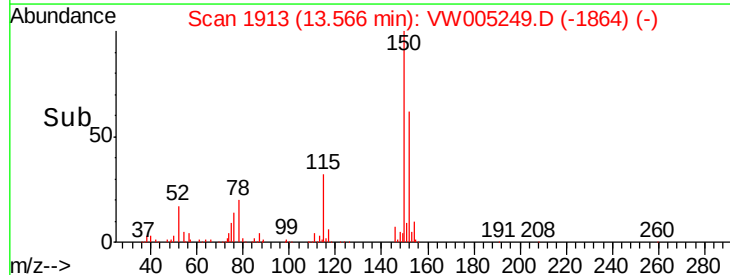
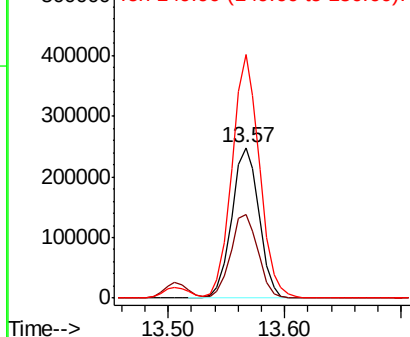
Lab File: VW005249.D

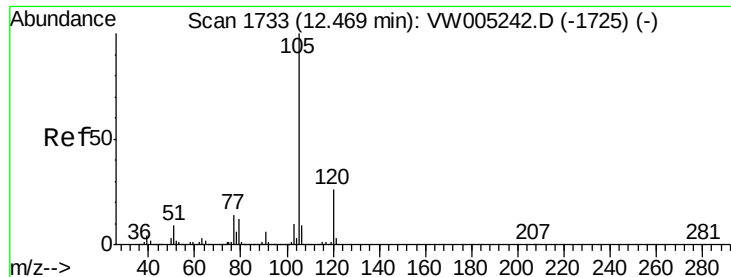
Acq: 10 Sep 2018 19:12

Tgt Ion:	152	Resp:	401520
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.5	82.4
150	163.8	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





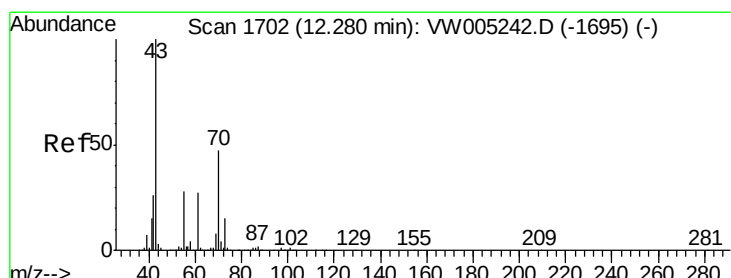
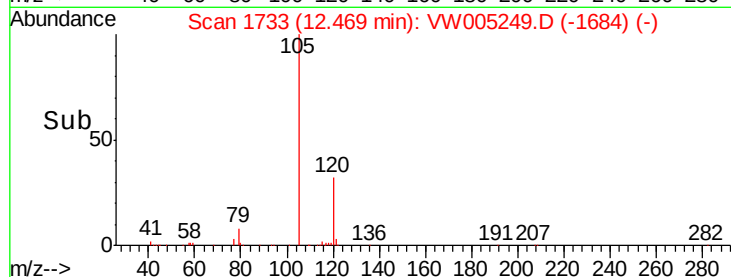
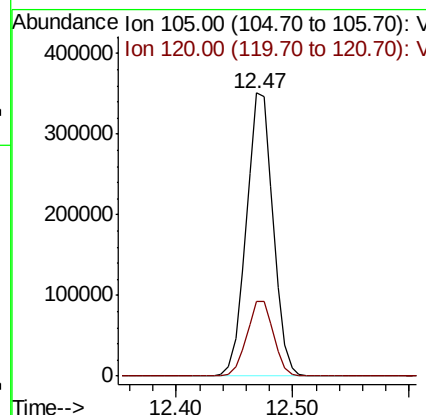
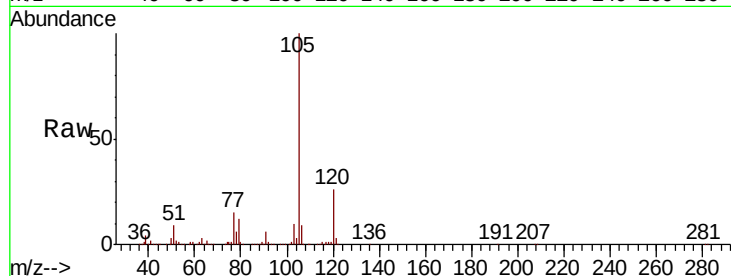
#73
Isopropylbenzene
Concen: 19.80 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.1

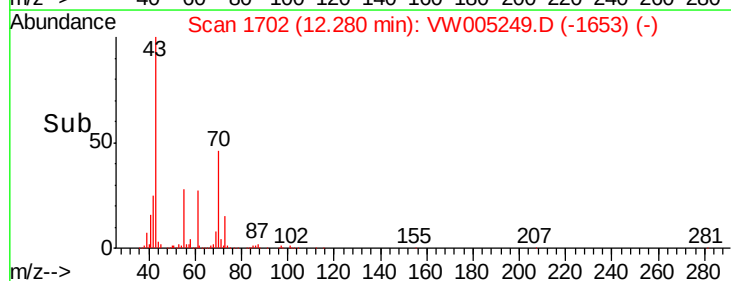
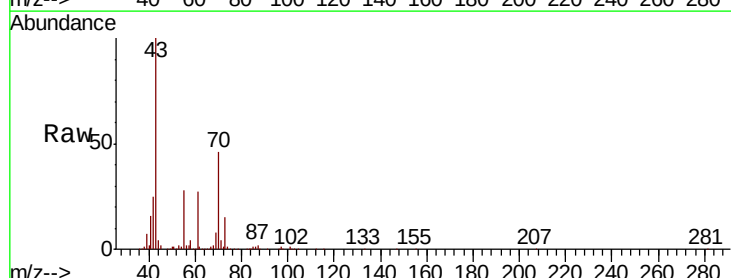
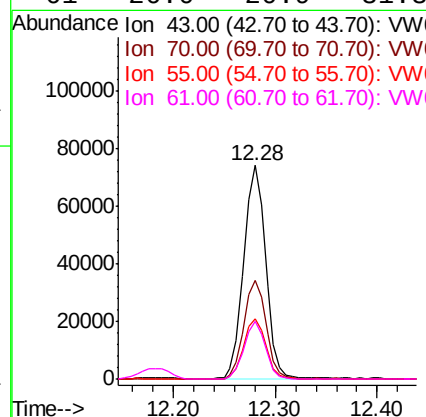
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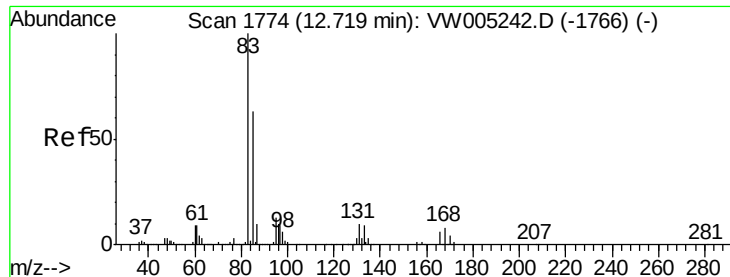
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#74
N-ethyl acetate
Concen: 20.43 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.6	37.9	56.9
55	28.6	22.6	33.8
61	26.0	20.9	31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.45 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

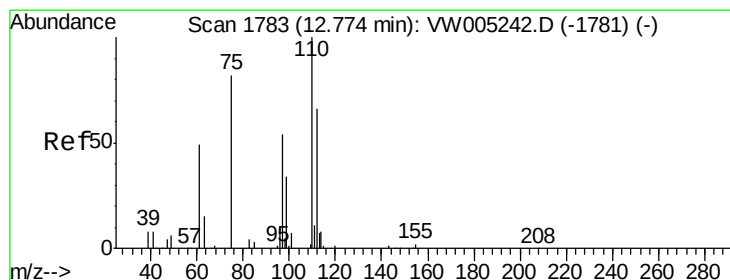
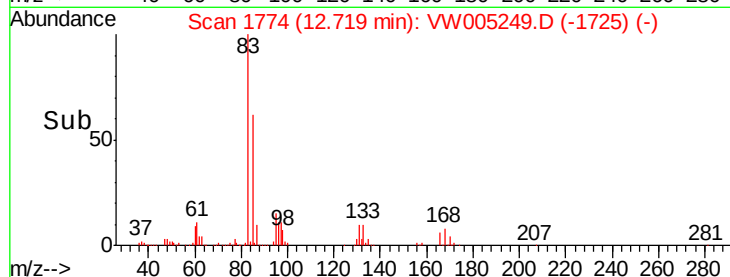
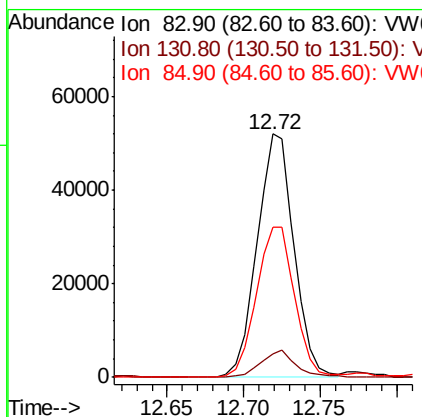
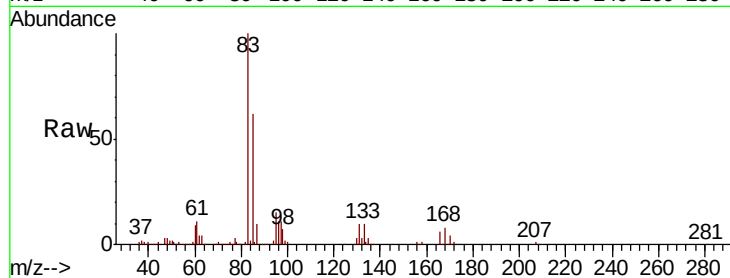
ClientSampled :

VW0910SBSD01

Tot Ion:	83	Resp:	87176
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	63.9	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 19.41 ug/l m

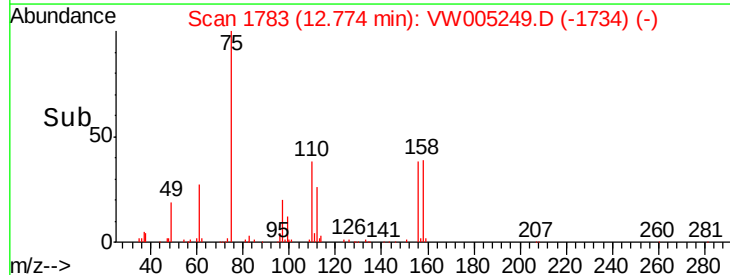
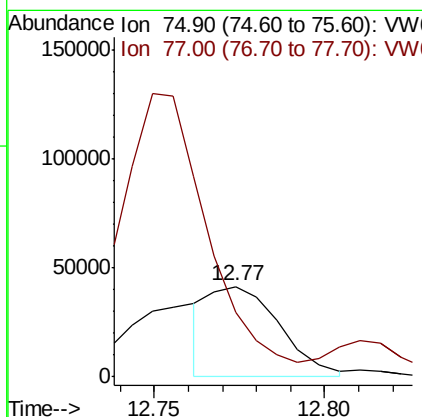
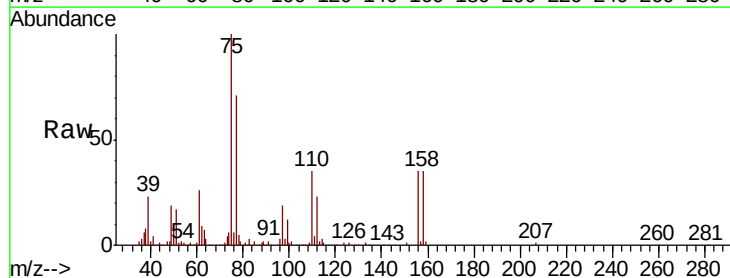
RT: 12.77 min Scan# 1783

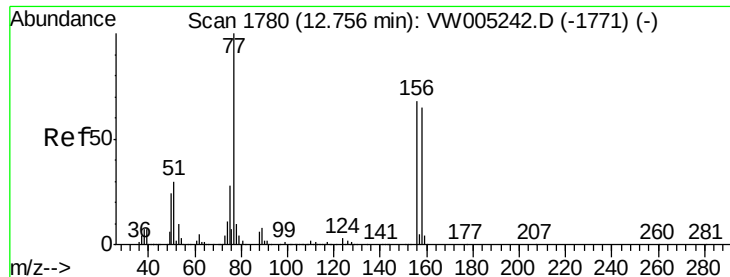
Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Tgt Ion:	75	Resp:	59934
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





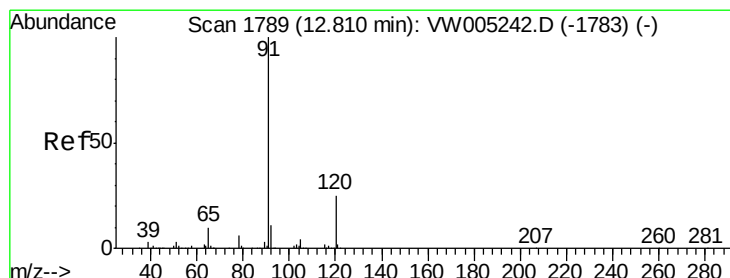
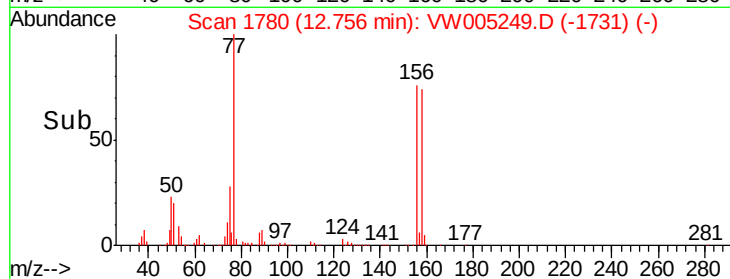
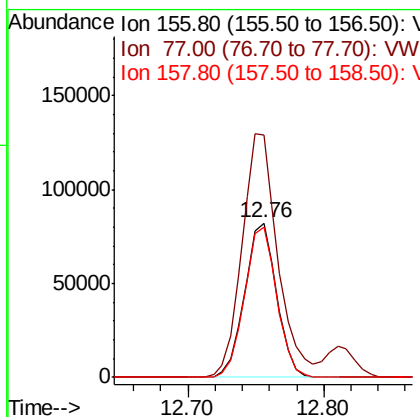
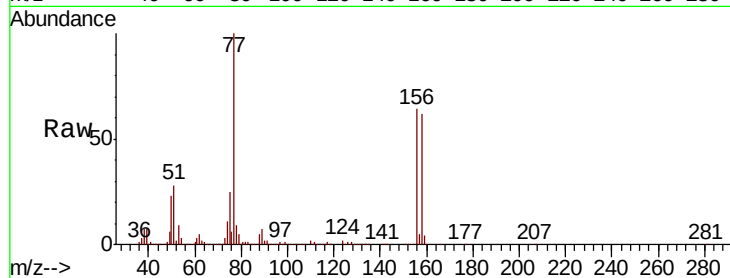
#77
Bromobenzene
Concen: 20.21 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.7	86.3	258.8
158	97.8	48.6	145.8

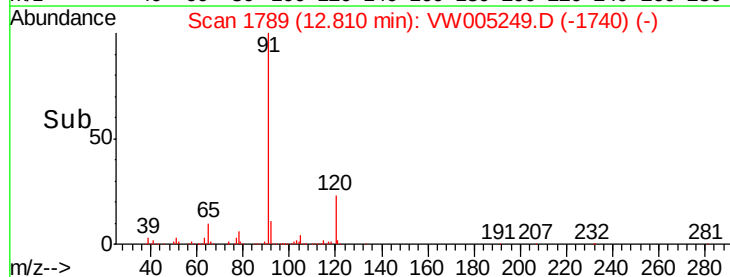
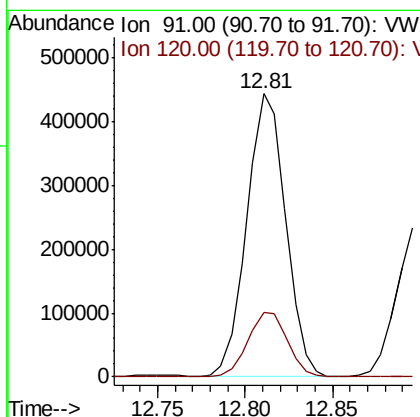
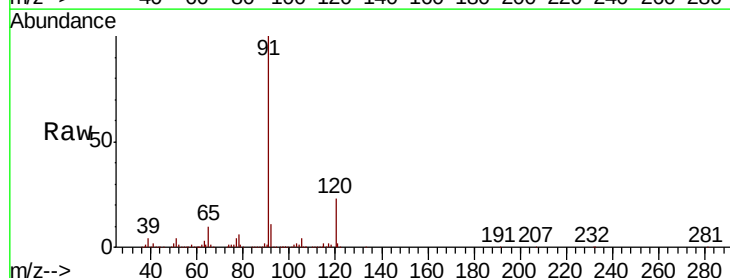
Manual Integrations
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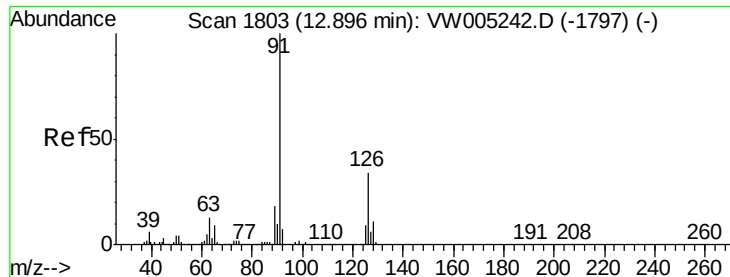
apatel
9/11/2018 11:09:58 AM



#78
n-propylbenzene
Concen: 20.11 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.02 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 91 Resp: 391144

Ion Ratio Lower Upper

91 100

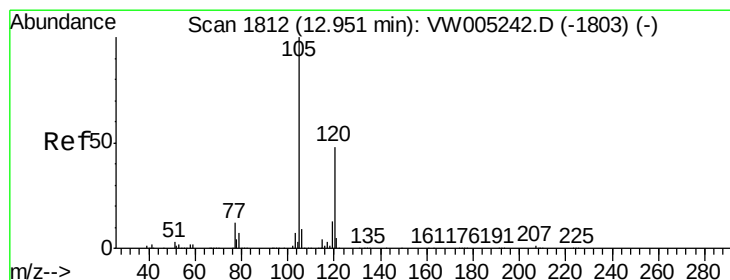
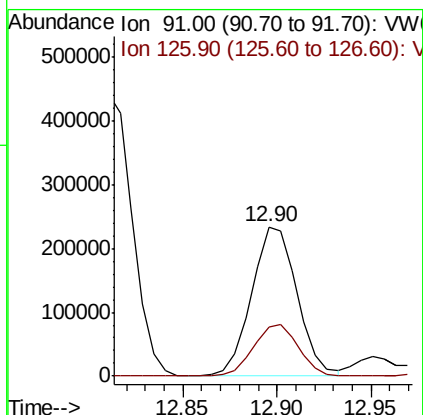
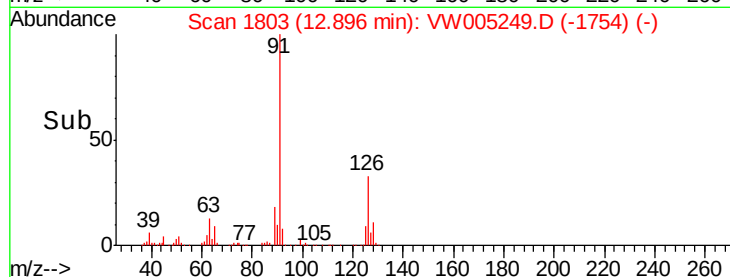
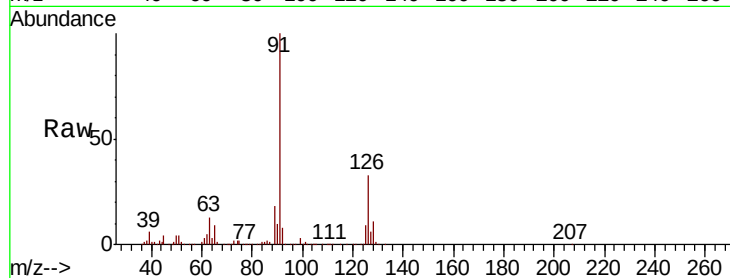
126 34.3 17.2 51.5

Manual Integrations

APPROVED

apatel

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#80

1,3,5-Trimethylbenzene

Concen: 19.97 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005249.D

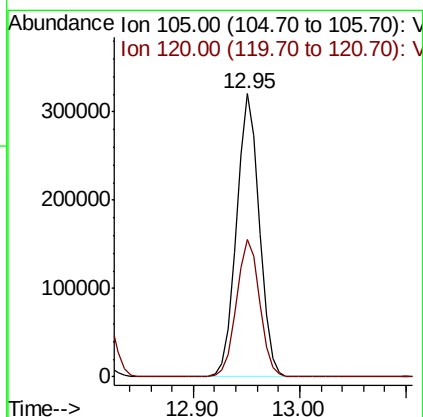
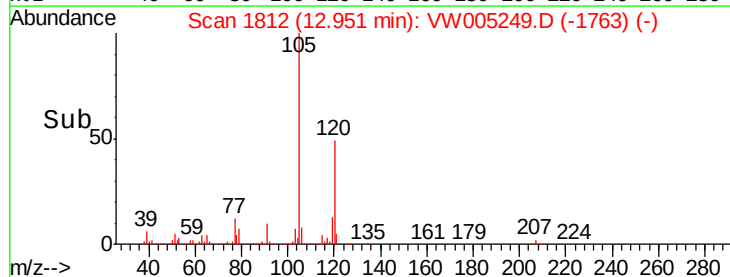
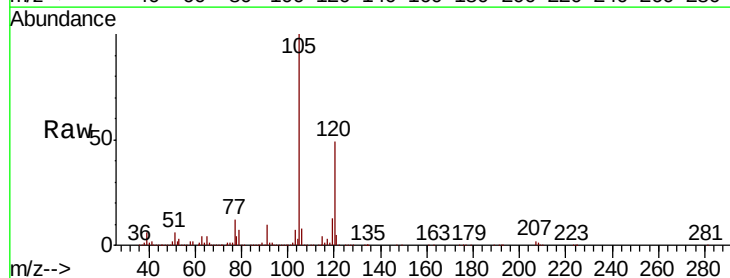
Acq: 10 Sep 2018 19:12

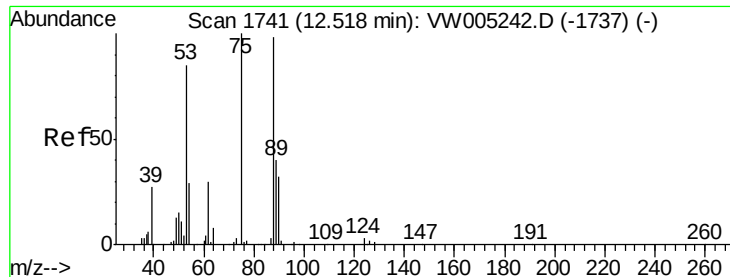
Tgt Ion: 105 Resp: 482495

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4





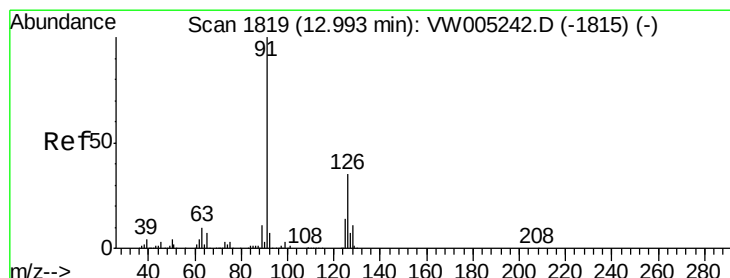
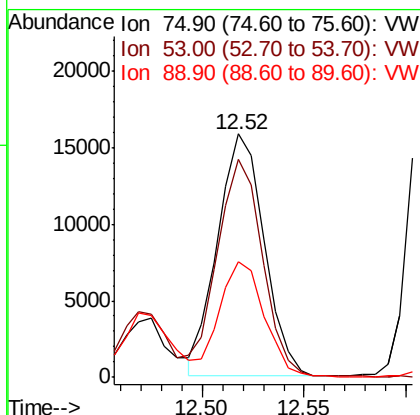
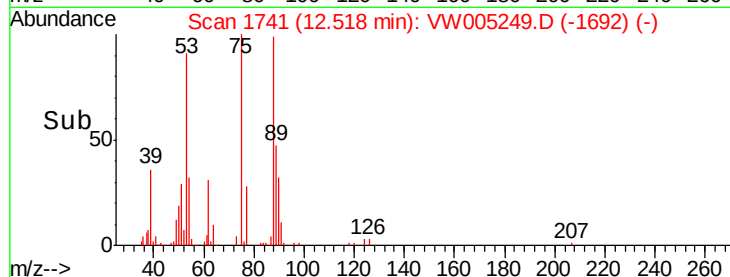
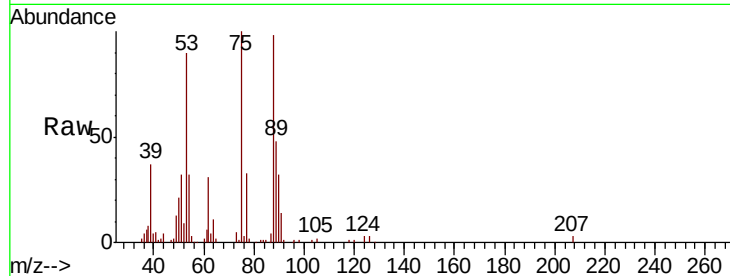
#81
trans-1,4-Dichloro-2-butene
Concen: 18.95 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	67.0	100.6
89	47.2	37.0	55.4

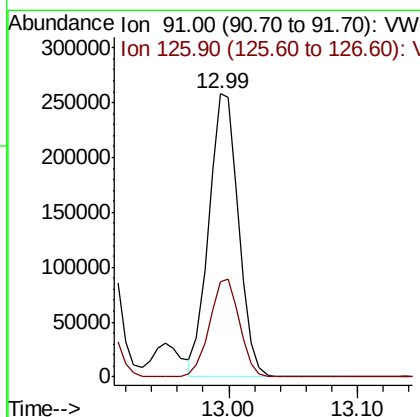
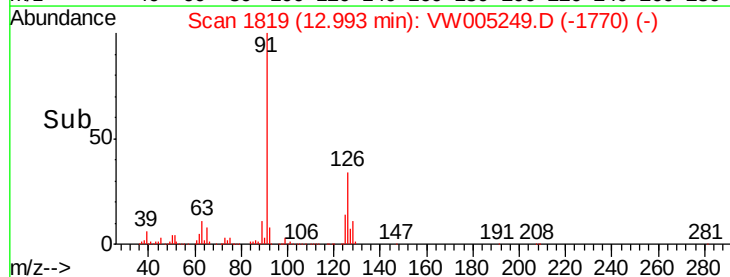
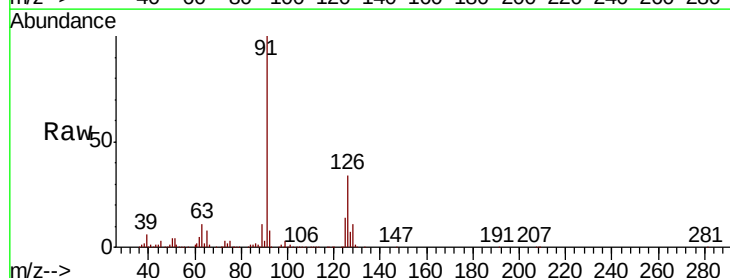
Manual Integrations
APPROVED

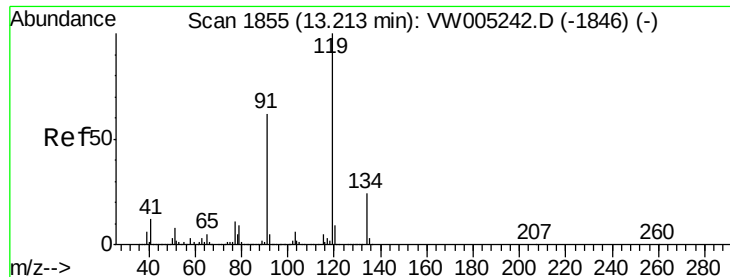
apatel
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#82
4-Chlorotoluene
Concen: 20.25 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.5	52.5





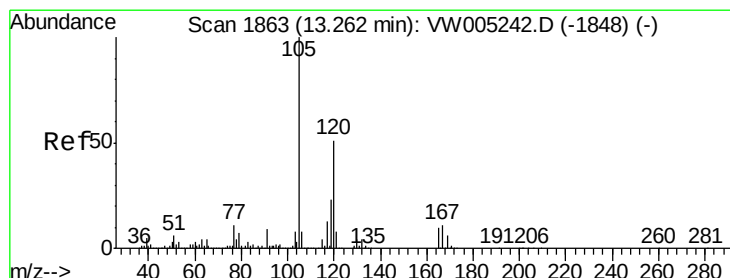
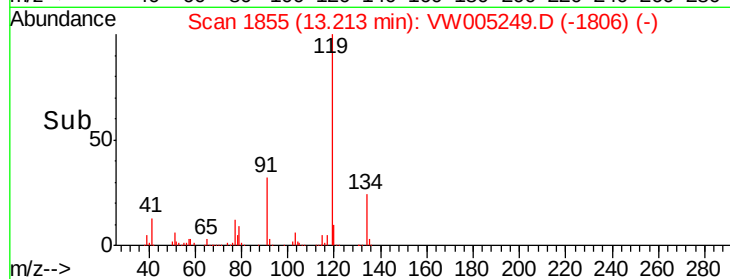
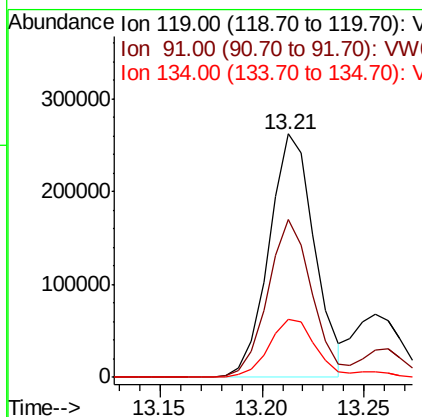
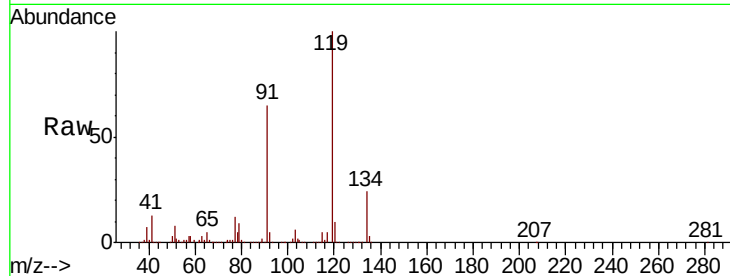
#83
 tert-Butylbenzene
 Concen: 19.31 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.7	95.1
134	26.2	13.0	38.9

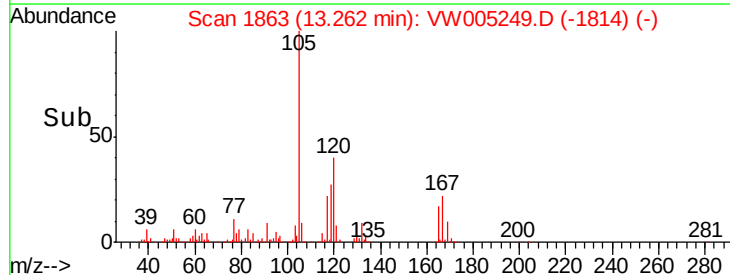
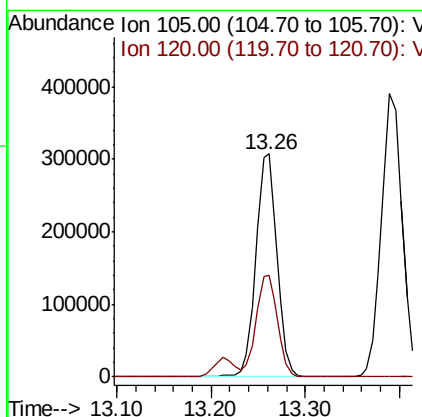
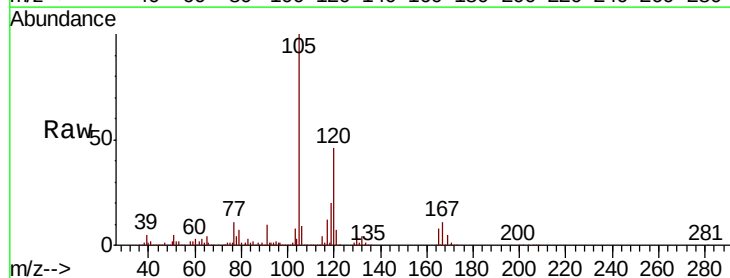
Manual Integrations
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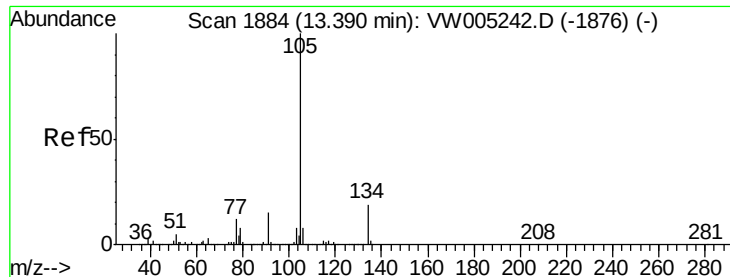
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.10 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 19.79 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion:105 Resp: 600758

Ion Ratio Lower Upper

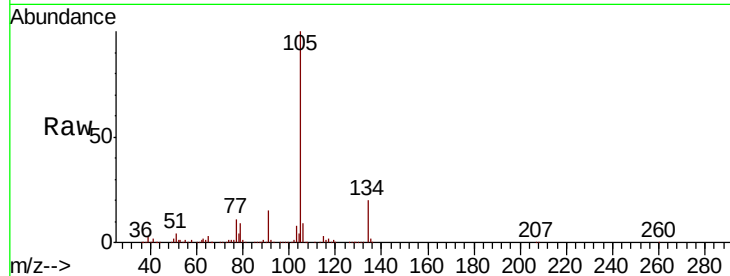
105 100

134 20.1 9.9 29.7

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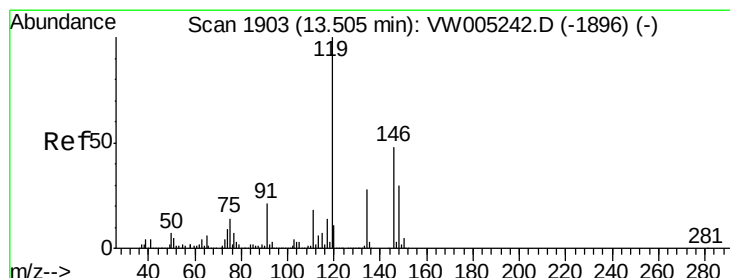
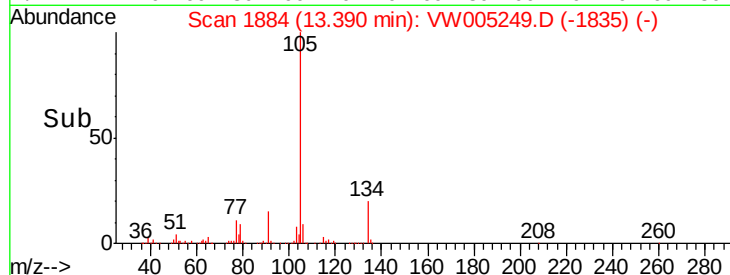
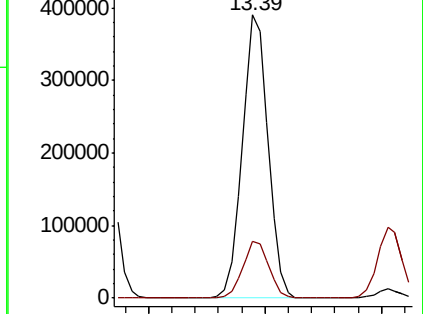
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.74 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005249.D

Acq: 10 Sep 2018 19:12

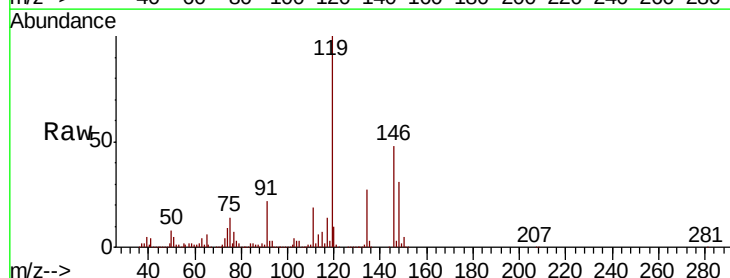
Tgt Ion:119 Resp: 530645

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

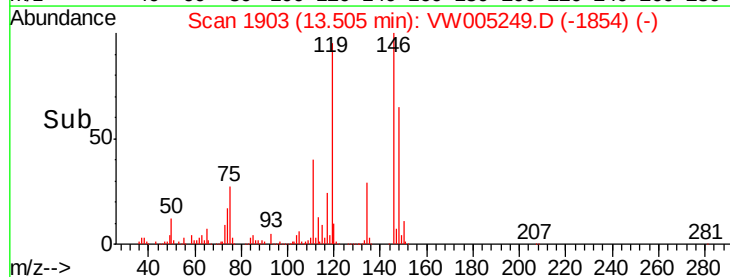
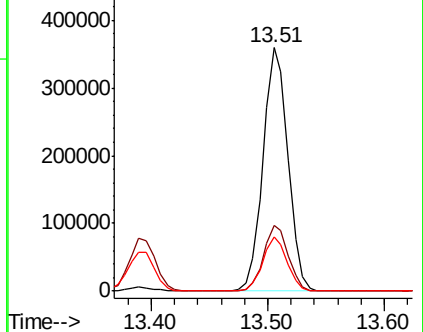
91 21.7 10.7 32.1

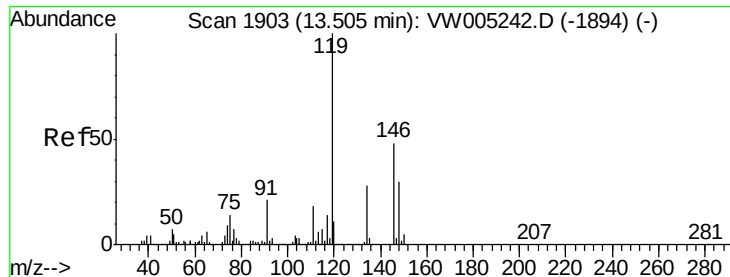


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





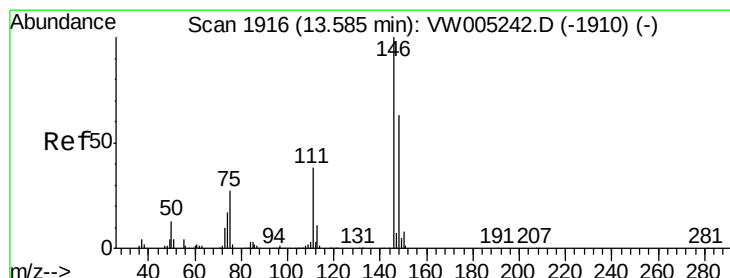
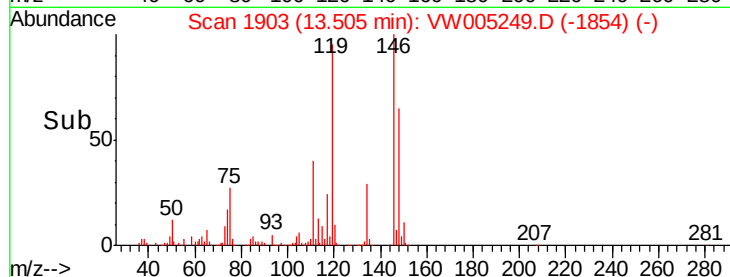
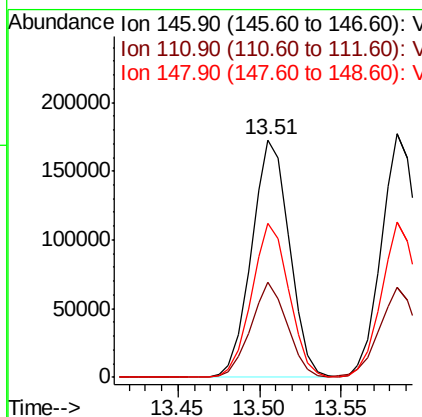
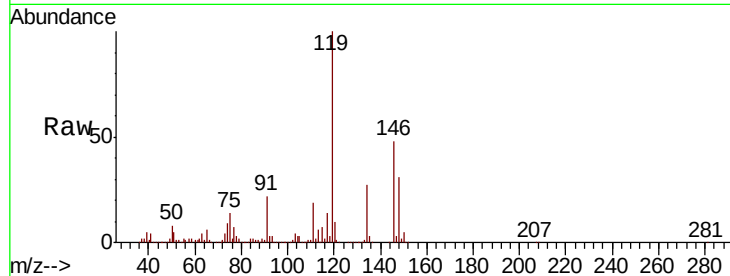
#87
 1,3-Dichlorobenzene
 Concen: 19.82 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	278198		
111	38.6	18.8	56.3	
148	64.0	31.6	94.8	

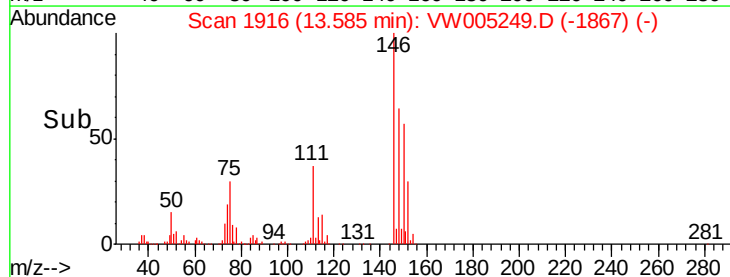
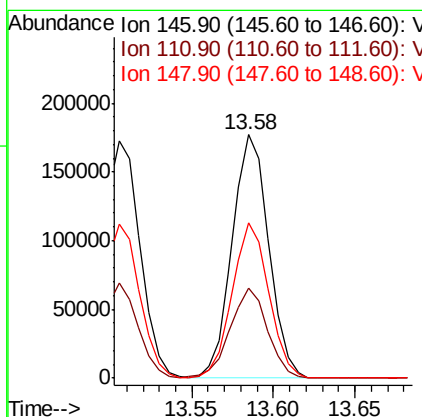
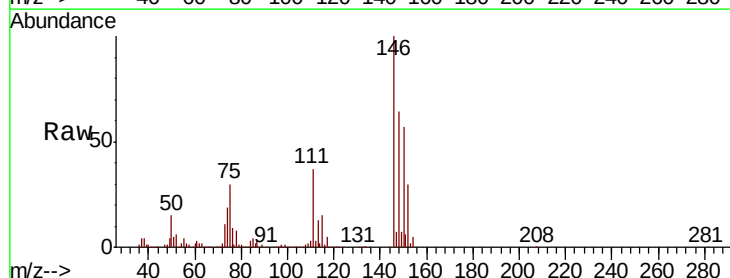
Manual Integrations
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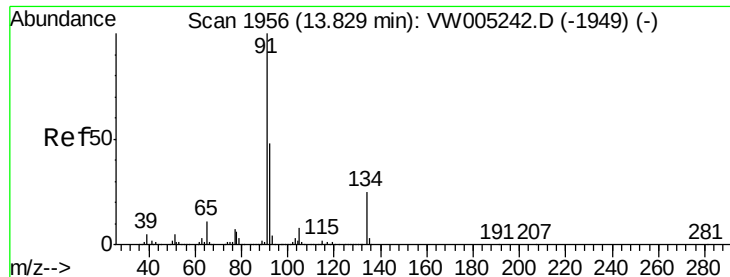
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#88
 1,4-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276291		
111	37.8	19.1	57.3	
148	63.8	32.3	96.9	





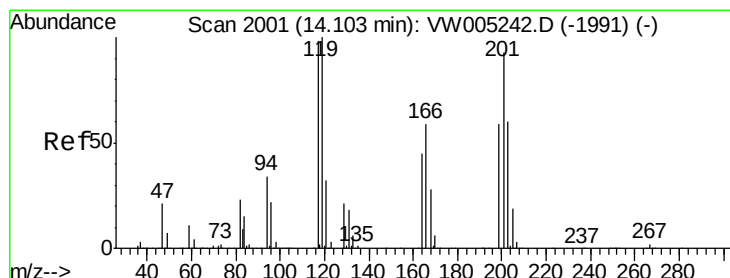
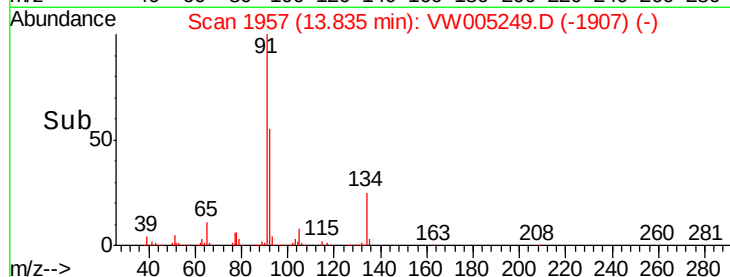
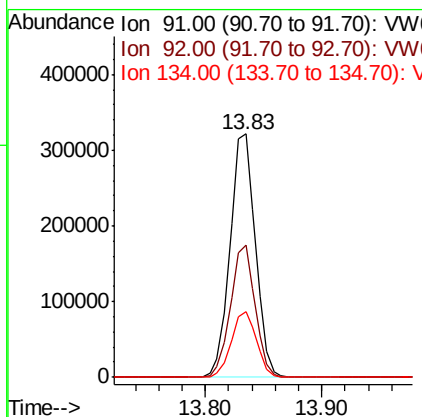
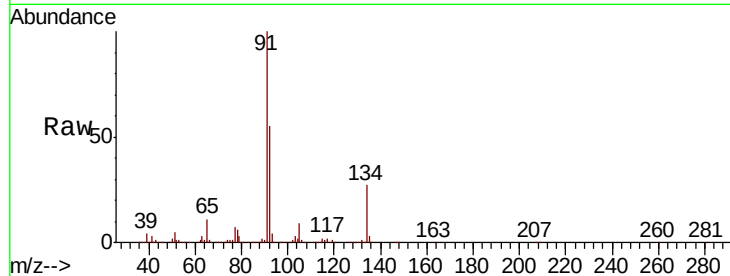
#89
n-Butylbenzene
Concen: 19.22 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.8	77.3
134	26.7	13.6	40.8

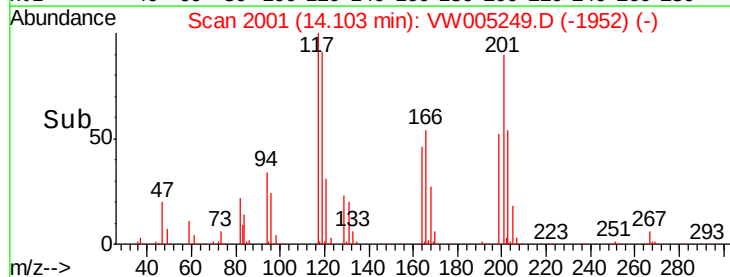
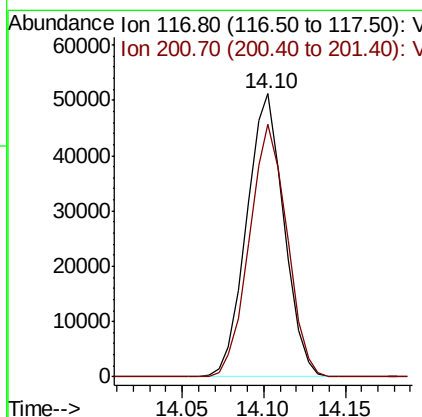
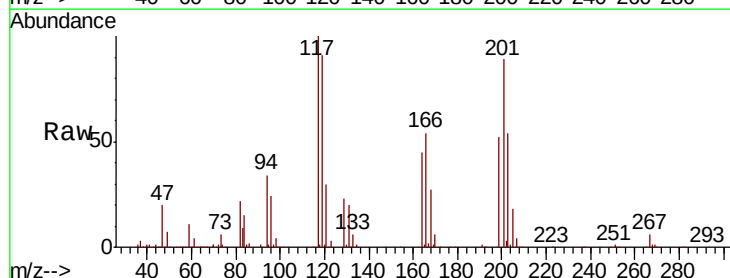
Manual Integrations
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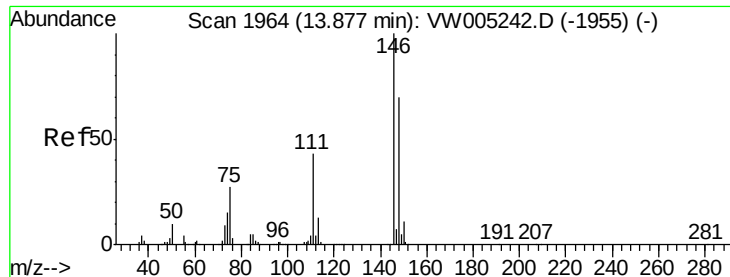
apatel
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#90
Hexachloroethane
Concen: 18.93 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.0	132.1





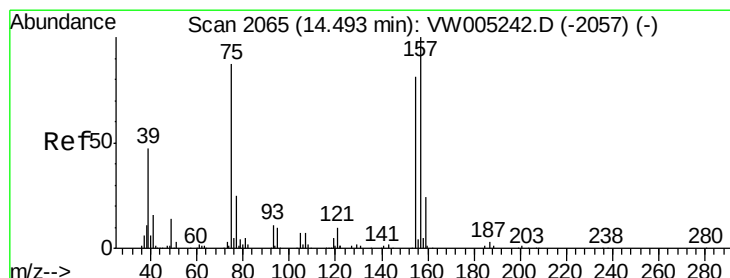
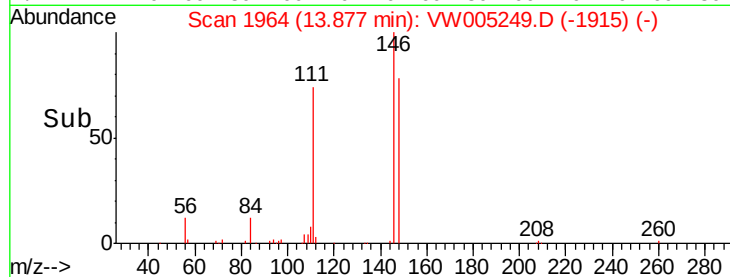
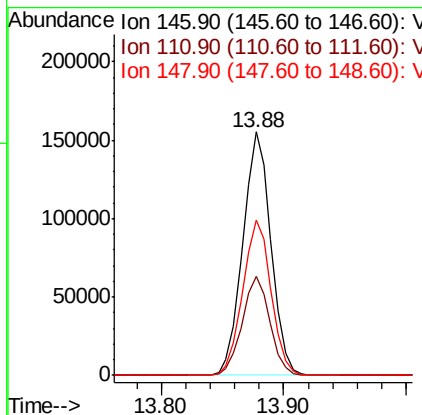
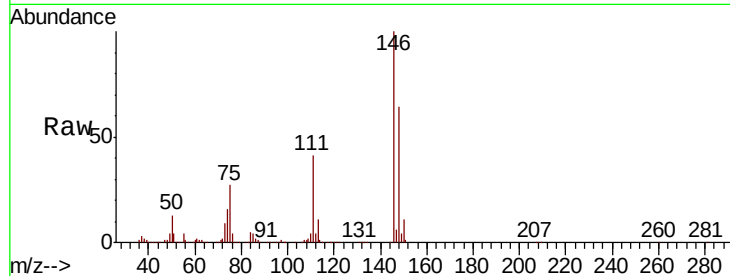
#91
 1,2-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	64.2	32.7	98.1

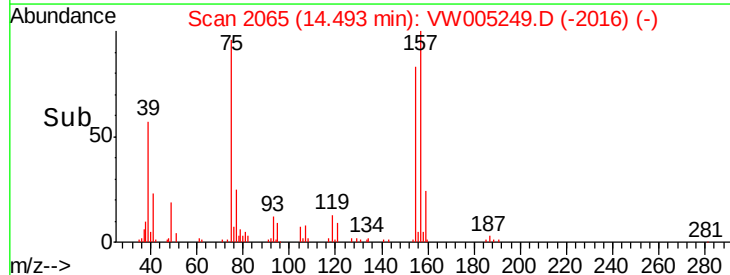
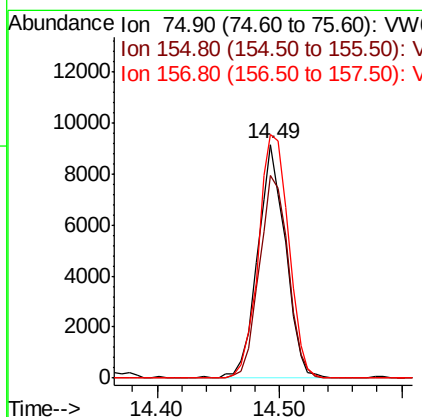
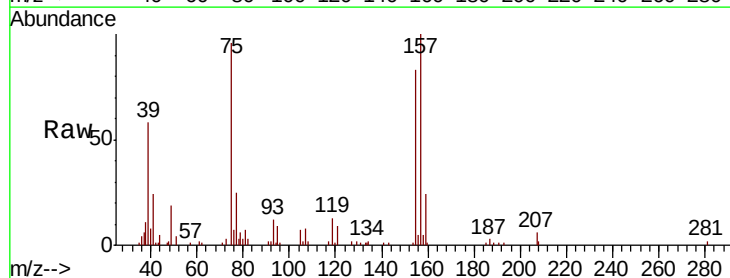
Manual Integrations
 APPROVED

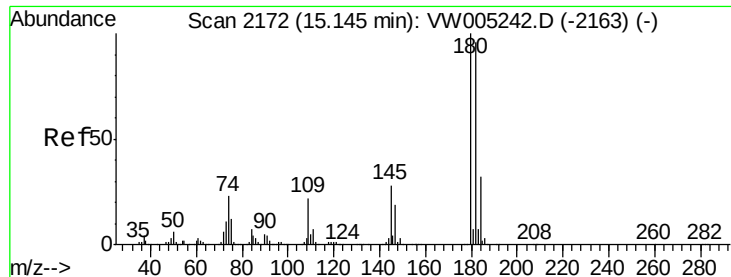
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.49 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	47.4	142.2
157	113.2	59.4	178.2





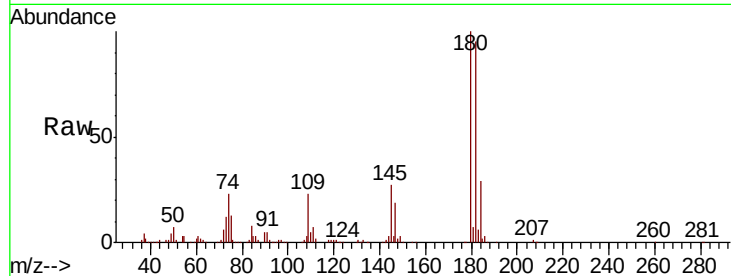
#93
 1,2,4-Trichlorobenzene
 Concen: 18.92 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165104		
182	96.7	48.1	144.4	
145	29.2	14.5	43.6	

Manual Integrations
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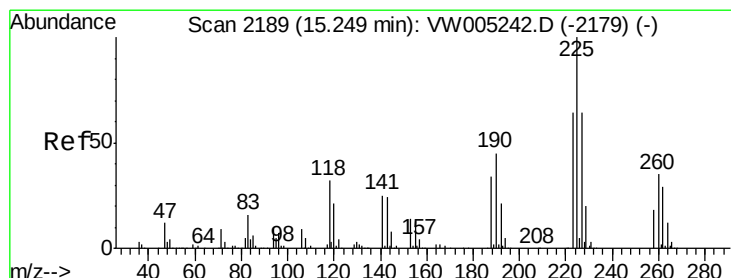
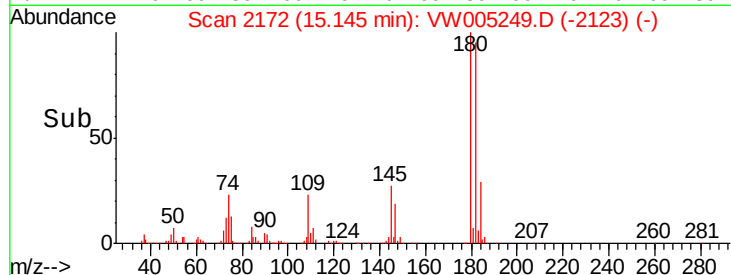
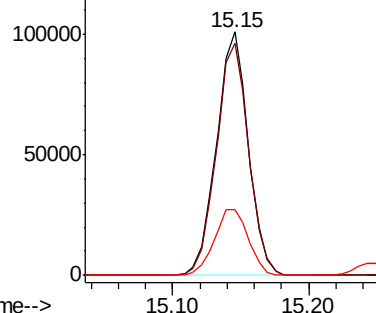


Abundance

Ion 179.80 (179.50 to 180.50): V

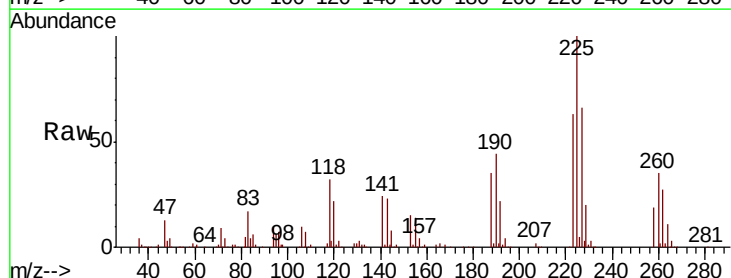
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.92 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005249.D
 Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105690		
223	62.5	31.4	94.2	
227	64.9	32.0	96.0	

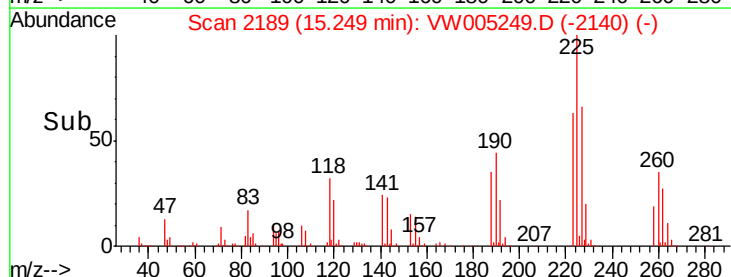
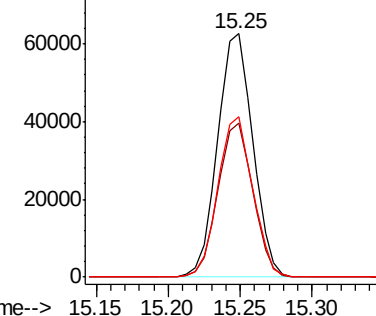


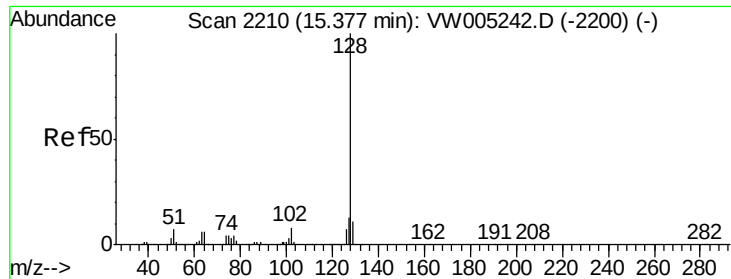
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





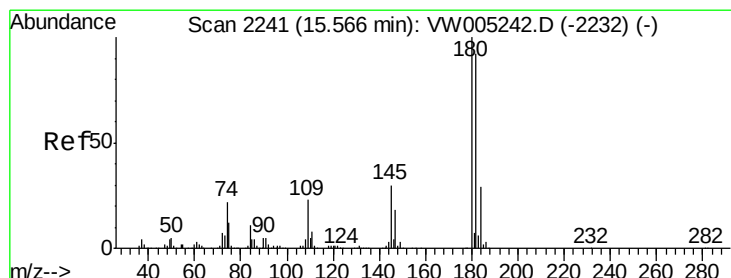
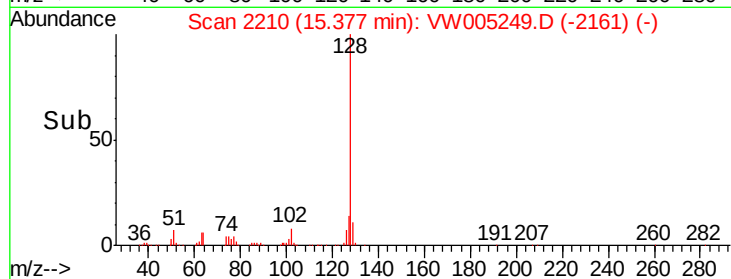
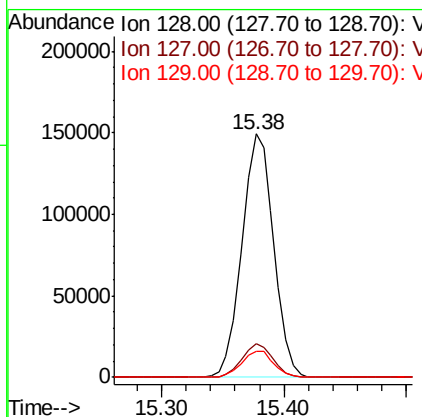
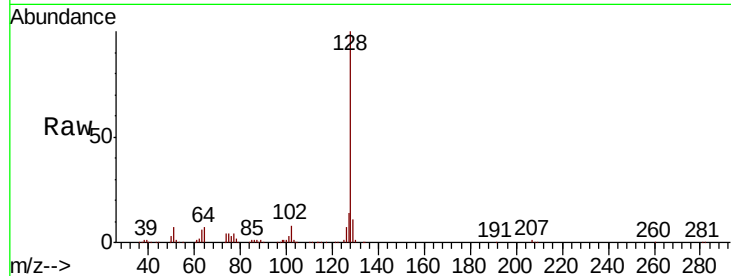
#95
Naphthalene
Concen: 18.94 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	267914		
127	13.3	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/11/2018 11:09:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.55 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005249.D
Acq: 10 Sep 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146795		
182	95.4	47.2	141.6	
145	30.2	15.2	45.6	

