

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004536.D
 Acq On : 08 Aug 2018 19:26
 Operator : SY/AP
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Manual Integrations
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 8/9/2018 10:41:18 AM

Quant Time: Aug 09 07:07:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1068806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	549715	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	401083	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.88	113	374429	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.33	98	1468841	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.62	95	539262	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	106873	22.93	ug/l	98
3) Chloromethane	2.22	50	130387	20.08	ug/l	96
4) Vinyl Chloride	2.37	62	196197	21.63	ug/l	97
5) Bromomethane	2.78	94	114601	21.70	ug/l	100
6) Chloroethane	2.93	64	115393	21.29	ug/l	95
7) Trichlorofluoromethane	3.25	101	75711	22.60	ug/l	95
8) Diethyl Ether	3.68	74	90209	21.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	156835	21.19	ug/l	99
10) Methyl Iodide	4.27	142	230175	20.73	ug/l	99
11) Tert butyl alcohol	5.23	59	43791	99.47	ug/l	99
12) 1,1-Dichloroethene	4.04	96	152860	20.52	ug/l	99
13) Acrolein	3.90	56	61377	113.79	ug/l	100
14) Allyl chloride	4.66	41	233380	20.85	ug/l	99
15) Acrylonitrile	5.38	53	197163	104.68	ug/l	99
16) Acetone	4.15	43	207482	110.50	ug/l	97
17) Carbon Disulfide	4.38	76	504734	21.09	ug/l	99
18) Methyl Acetate	4.68	43	92358	19.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	208898	20.56	ug/l	99
20) Methylene Chloride	4.91	84	225558	19.12	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162406	20.23	ug/l	99
22) Diisopropyl ether	6.32	45	496753	21.60	ug/l	99
23) Vinyl Acetate	6.26	43	1429621	103.44	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301299	20.47	ug/l	98
25) 2-Butanone	7.18	43	313556	103.81	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161529	20.91	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	174766	20.24	ug/l	98
28) Bromochloromethane	7.51	49	136879	21.37	ug/l	100
29) Tetrahydrofuran	7.54	42	162305	103.95	ug/l	98
30) Chloroform	7.68	83	296669	20.52	ug/l	100
31) Cyclohexane	7.96	56	284085	20.17	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	224066	20.63	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235843	20.49	ug/l	100
37) Ethyl Acetate	7.26	43	109992	20.41	ug/l	100
38) Carbon Tetrachloride	8.07	117	210092	20.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279407	19.81	ug/l	96
40) Benzene	8.32	78	690871	20.44	ug/l	100
41) Methacrylonitrile	7.49	41	64804	21.53	ug/l	94
42) 1,2-Dichloroethane	8.40	62	194608	20.81	ug/l	100
43) Isopropyl Acetate	8.43	43	188723	20.09	ug/l	99
44) Trichloroethene	9.09	130	166431	20.04	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171941	20.32	ug/l	99
46) Dibromomethane	9.46	93	87985	20.42	ug/l	99
47) Bromodichloromethane	9.65	83	203771	20.04	ug/l	98
48) Methyl methacrylate	9.44	41	89298	20.34	ug/l	98
49) 1,4-Dioxane	9.48	88	26409	401.78	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	683190	104.47	ug/l	100
52) Toluene	10.39	92	418028	20.98	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	205641	20.14	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	245122	20.60	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	127522	20.65	ug/l	98
56) Ethyl methacrylate	10.65	69	148706	20.11	ug/l	99
57) 1,3-Dichloropropane	10.94	76	218584	20.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	375739	101.22	ug/l	100
59) 2-Hexanone	10.98	43	466437	105.20	ug/l	98
60) Dibromochloromethane	11.13	129	135439	20.17	ug/l	99
61) 1,2-Dibromoethane	11.24	107	119490	20.60	ug/l	99
64) Tetrachloroethene	10.87	164	140101	19.77	ug/l	96
65) Chlorobenzene	11.66	112	451862	20.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	153771	20.17	ug/l	99
67) Ethyl Benzene	11.74	91	758313	19.98	ug/l	98
68) m/p-Xylenes	11.84	106	602339	41.07	ug/l	99
69) o-Xylene	12.17	106	274592	20.19	ug/l	100
70) Styrene	12.19	104	474097	20.63	ug/l	100
71) Bromoform	12.35	173	83021	19.81	ug/l #	100
73) Isopropylbenzene	12.47	105	753884	19.83	ug/l	99
74) N-amyl acetate	12.28	43	182657	19.81	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	160960	20.28	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	106737m	18.76	ug/l	
77) Bromobenzene	12.75	156	184411	20.05	ug/l	99
78) n-propylbenzene	12.81	91	955728	20.37	ug/l	100
79) 2-Chlorotoluene	12.90	91	545142	20.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666562	20.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	45507	19.15	ug/l	96
82) 4-Chlorotoluene	12.99	91	592624	20.57	ug/l	100
83) tert-Butylbenzene	13.21	119	543848	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	690350	20.56	ug/l	100
85) sec-Butylbenzene	13.39	105	826146	20.13	ug/l	99
86) p-Isopropyltoluene	13.51	119	721846	20.30	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	378502	19.97	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	383163	20.31	ug/l	100
89) n-Butylbenzene	13.83	91	695310	19.90	ug/l	99
90) Hexachloroethane	14.10	117	125545	19.08	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	347848	20.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26106	20.13	ug/l	96

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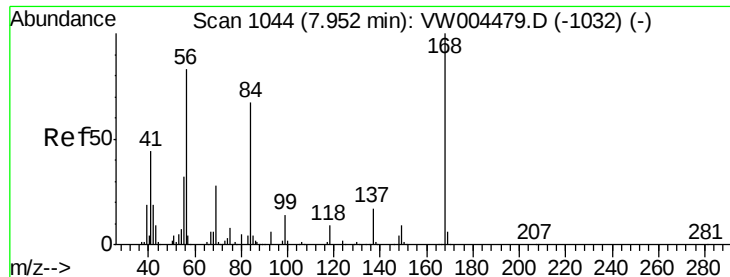
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	240995	20.24	ug/l	99
94) Hexachlorobutadiene	15.24	225	139616	20.14	ug/l	99
95) Naphthalene	15.38	128	448613	20.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222718	20.82	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampled :

VW0810SBSD01

Tot Ion:168 Resp: 679203

Ion Ratio Lower Upper

168 100

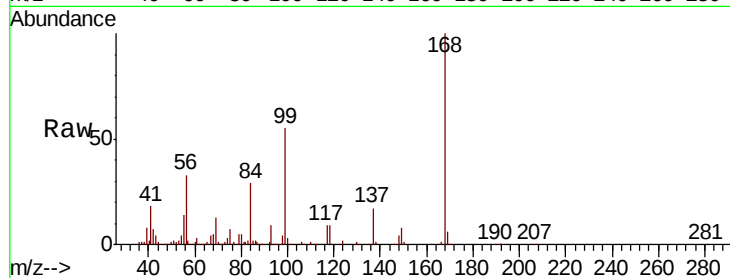
99 54.7 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

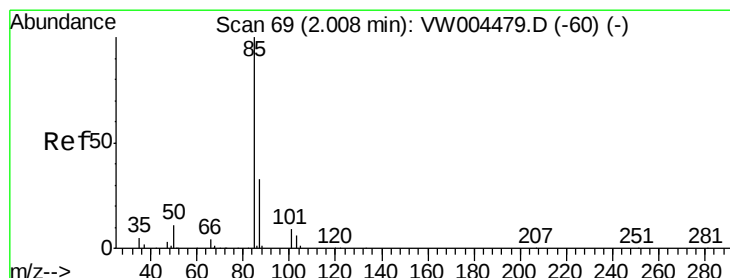
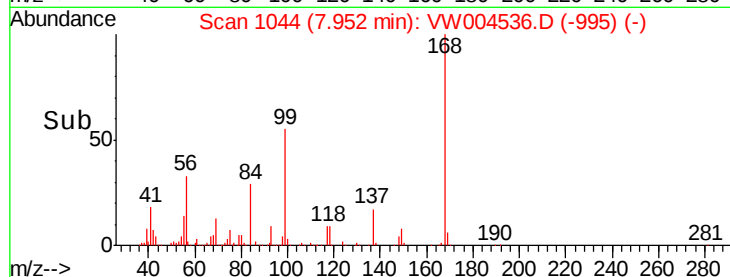
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.93 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004536.D

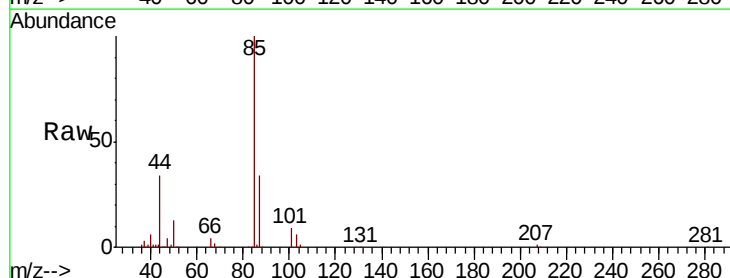
Acq: 08 Aug 2018 19:26

Tgt Ion: 85 Resp: 106873

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

10000

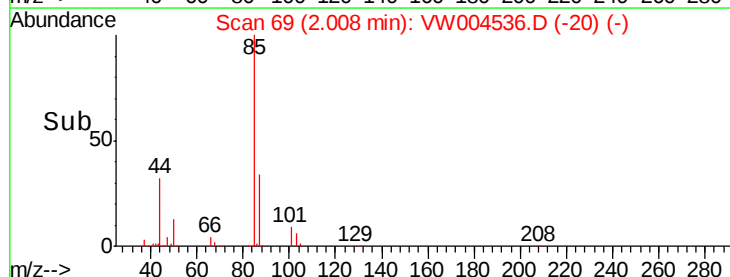
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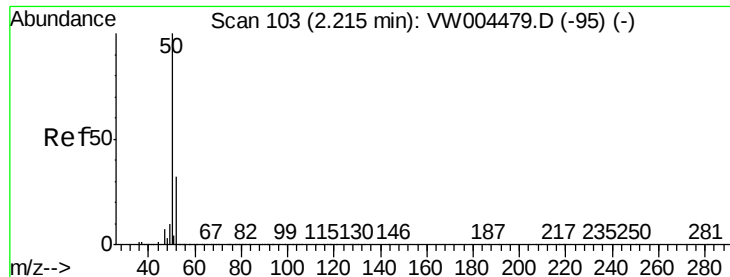
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 20.08 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampled :

VW0810SBSD01

Tot Ion: 50 Resp: 130387

Ion Ratio Lower Upper

50 100

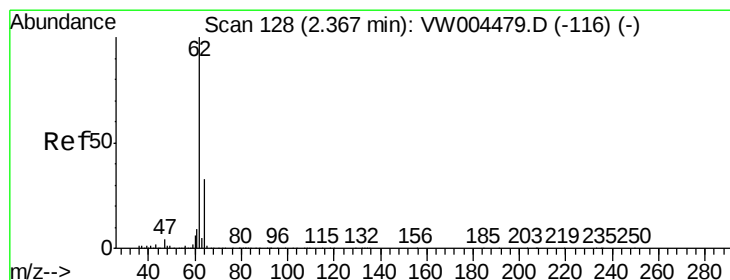
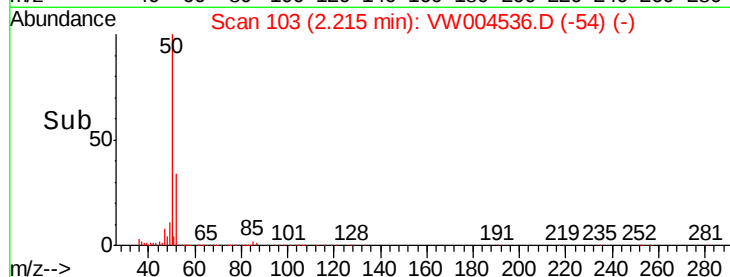
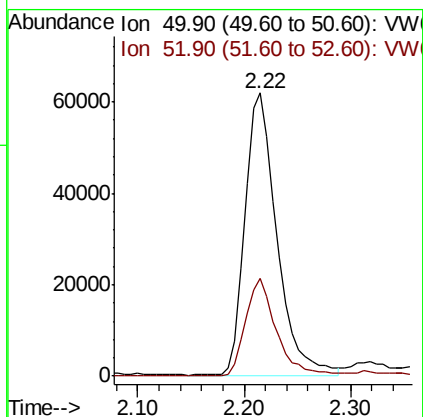
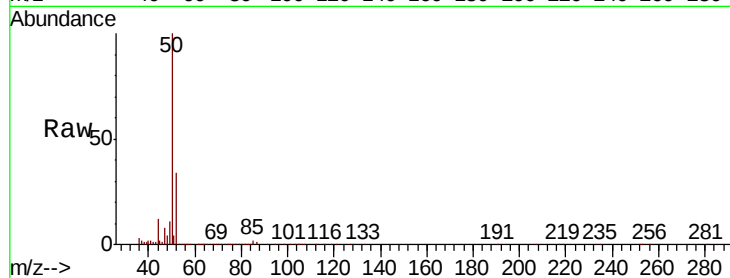
52 34.6 25.8 38.8

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#4

Vinyl Chloride

Concen: 21.63 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004536.D

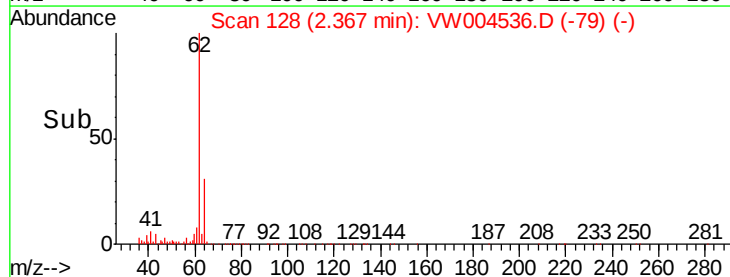
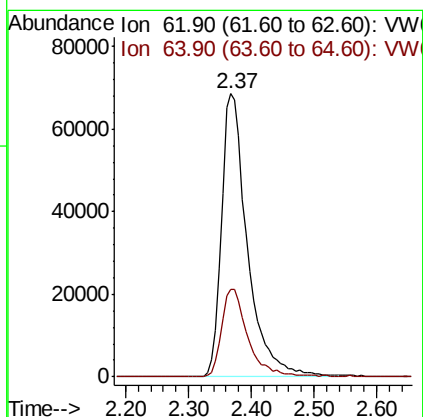
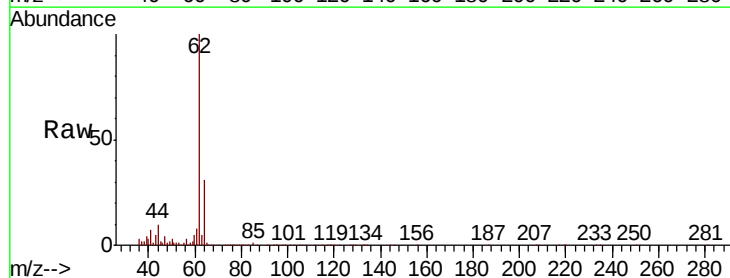
Acq: 08 Aug 2018 19:26

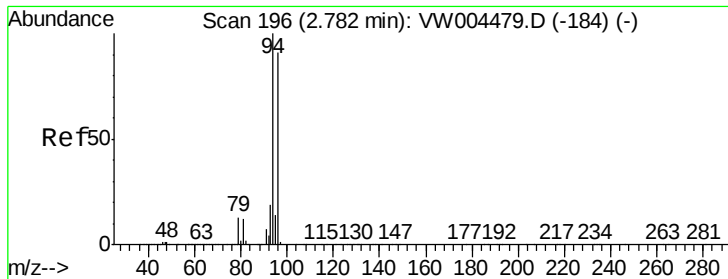
Tgt Ion: 62 Resp: 196197

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.2





#5

Bromomethane

Concen: 21.70 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 94 Resp: 114601

Ion Ratio Lower Upper

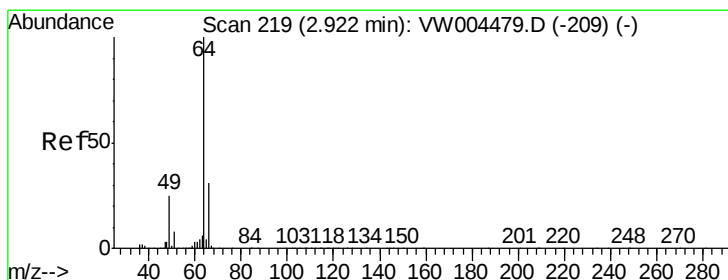
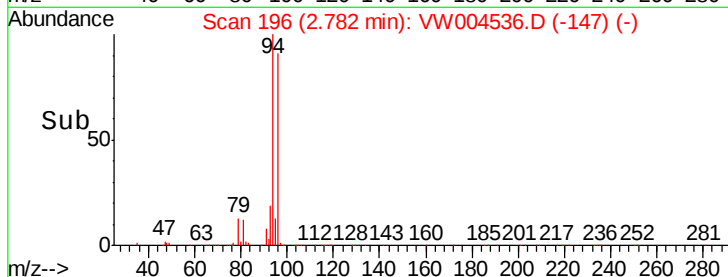
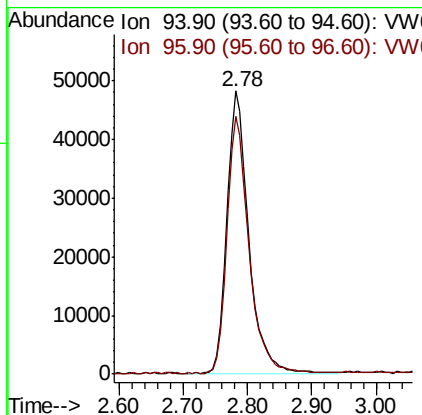
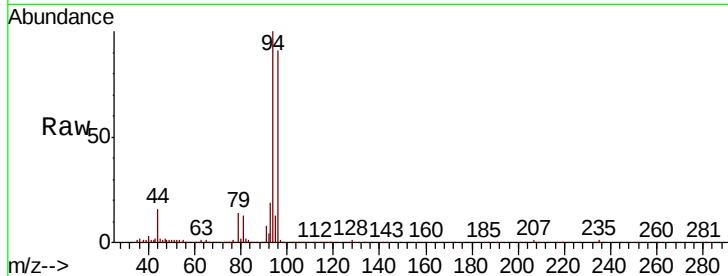
94 100

96 90.7 72.9 109.3

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#6

Chloroethane

Concen: 21.29 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004536.D

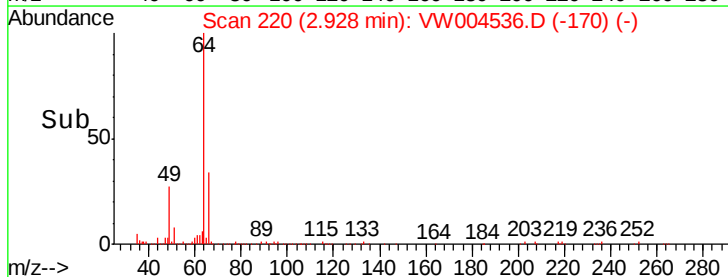
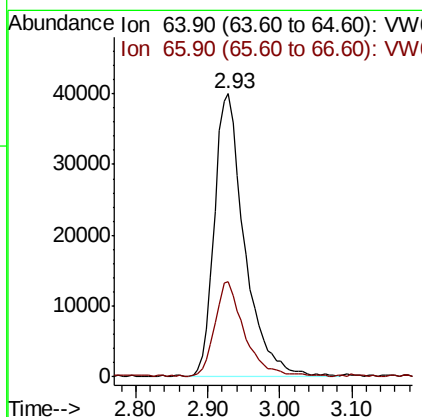
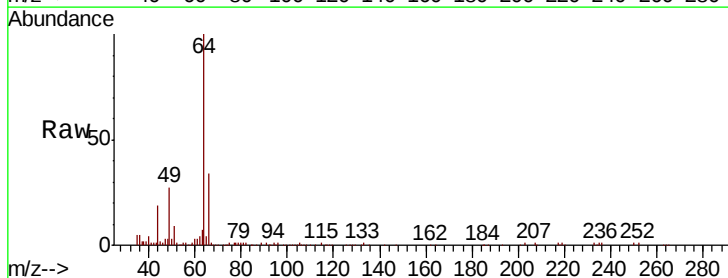
Acq: 08 Aug 2018 19:26

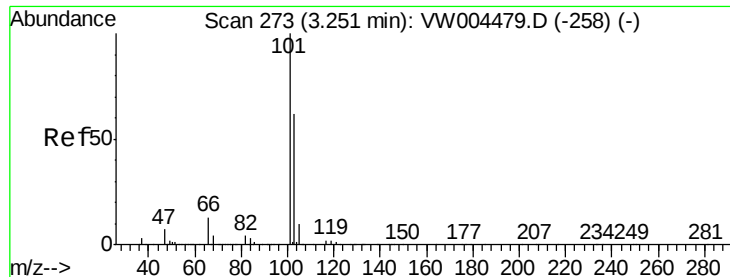
Tgt Ion: 64 Resp: 115393

Ion Ratio Lower Upper

64 100

66 33.5 24.6 36.8





#7

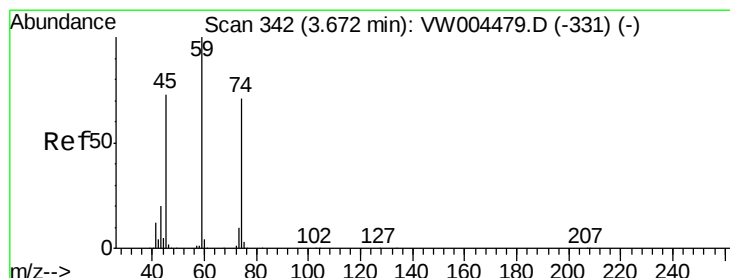
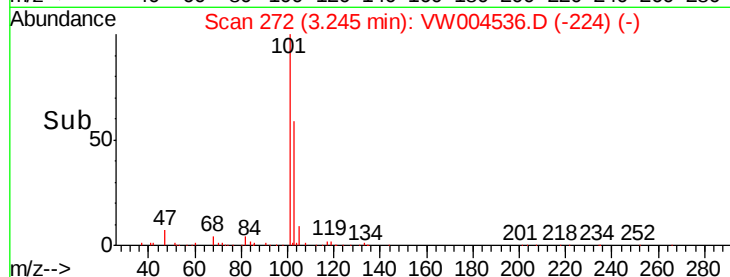
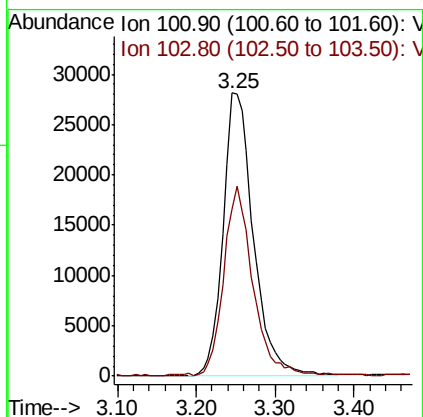
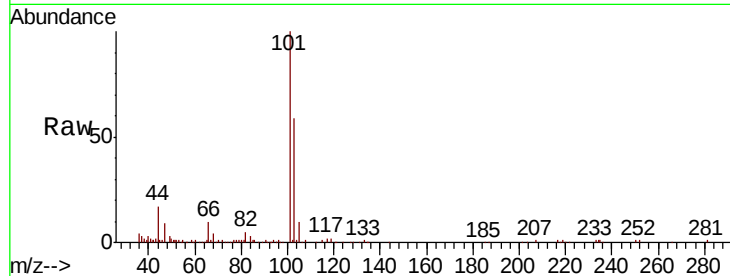
Trichlorofluoromethane
Concen: 22.60 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

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ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.6	49.8	74.8

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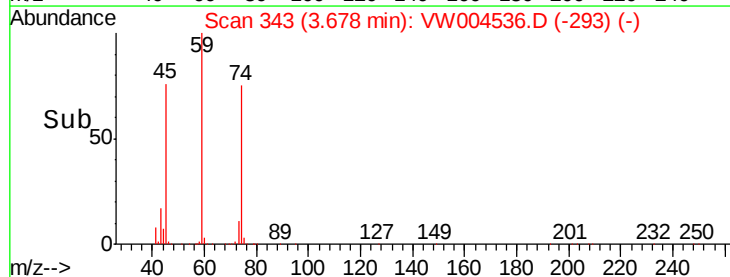
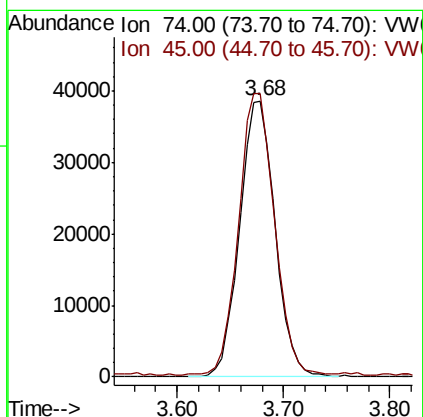
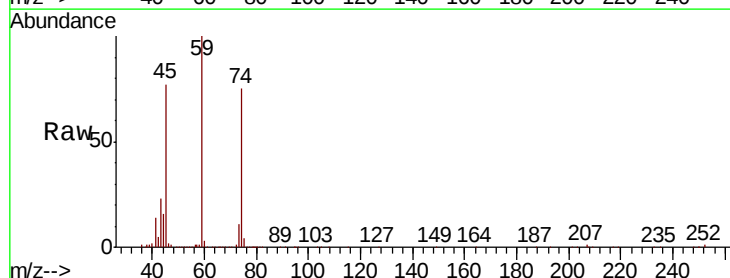
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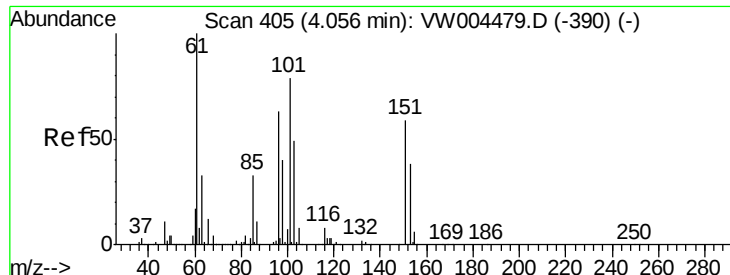


#8

Diethyl Ether
Concen: 21.28 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.19 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

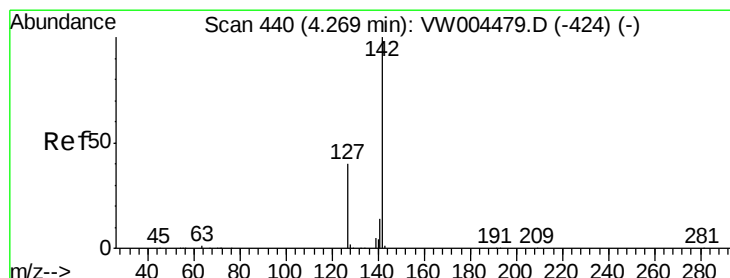
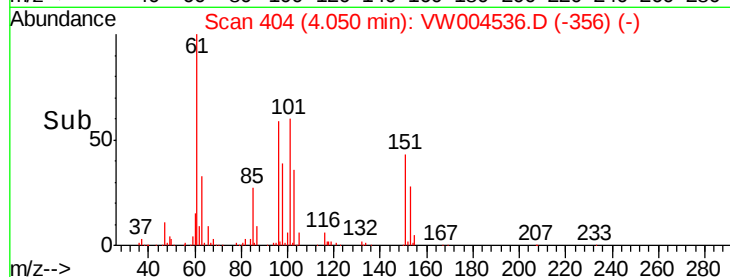
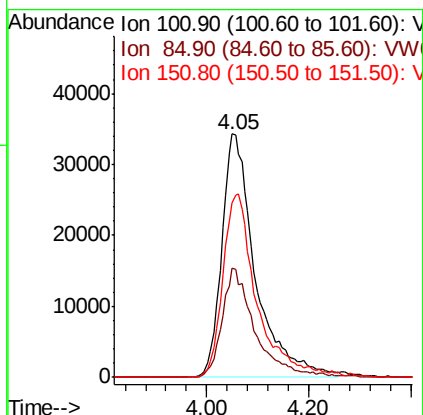
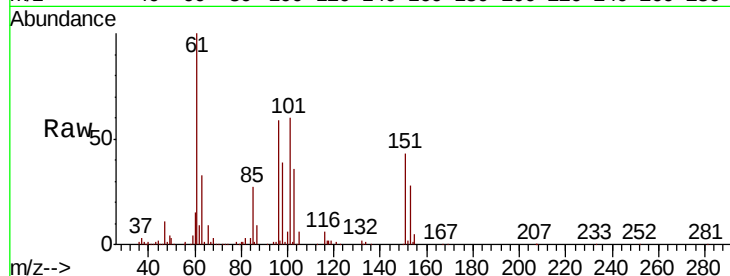
ClientSampleId :

VW0810SBSD01

Tot Ion:	101	Resp:	156835
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.6	51.8
151	75.6	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.73 ug/l

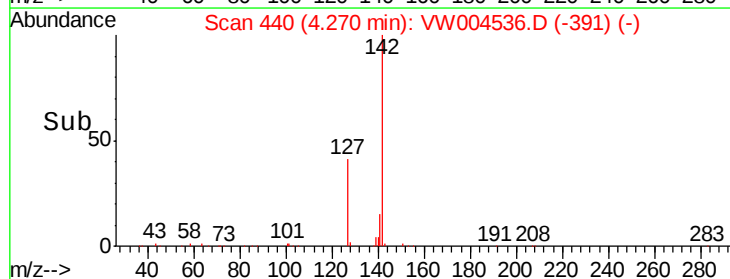
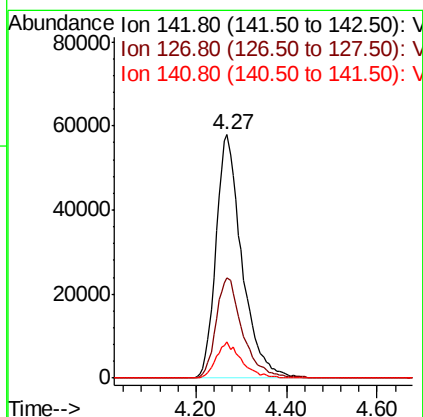
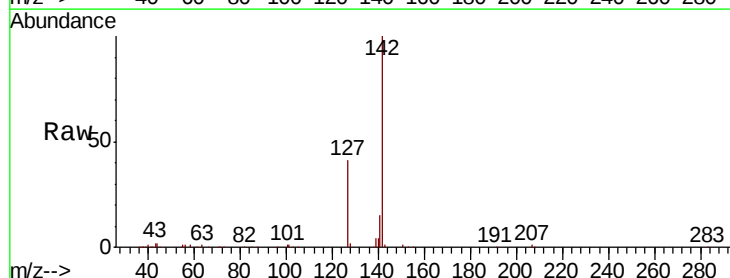
RT: 4.27 min Scan# 440

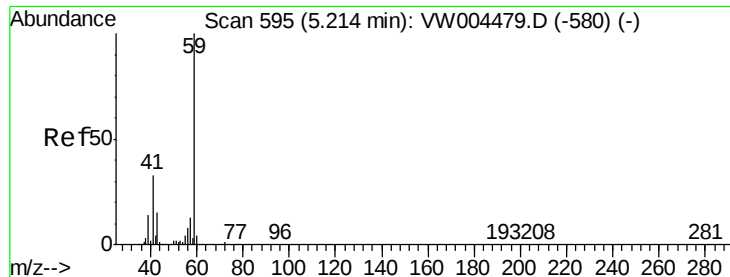
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	142	Resp:	230175
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.7	49.1
141	14.1	11.5	17.3





#11

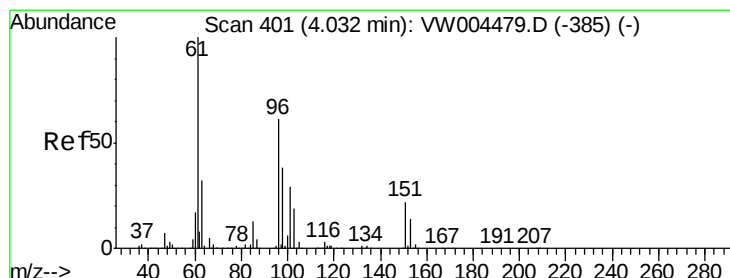
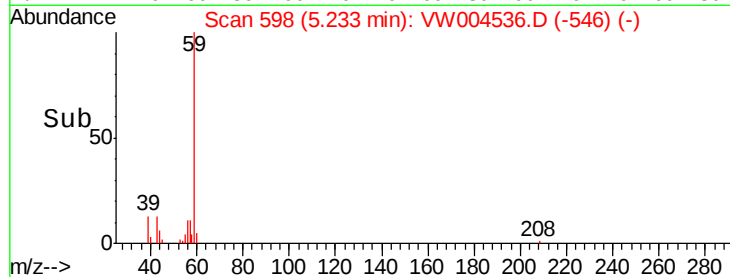
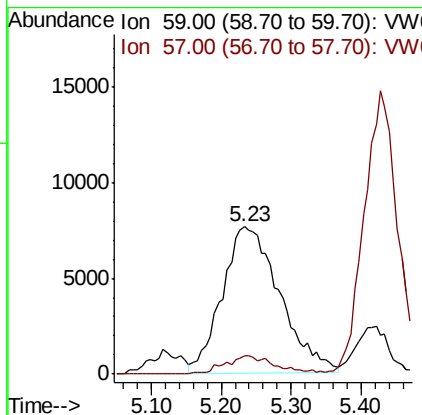
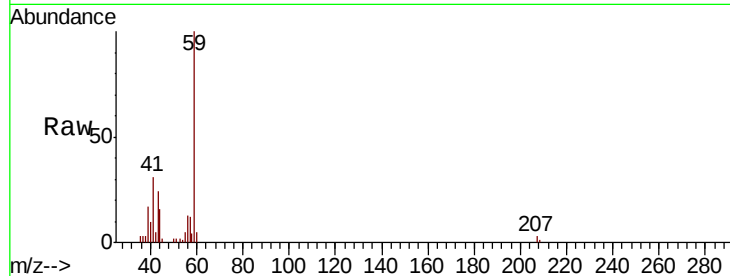
Tert butyl alcohol
Concen: 99.47 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.02 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.0	9.1	13.7

Manual Integrations
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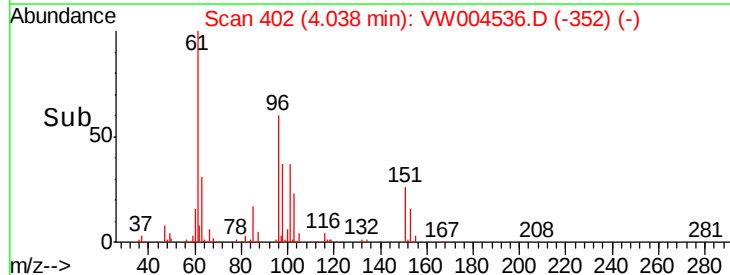
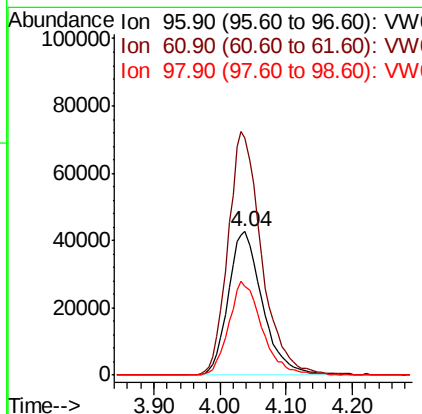
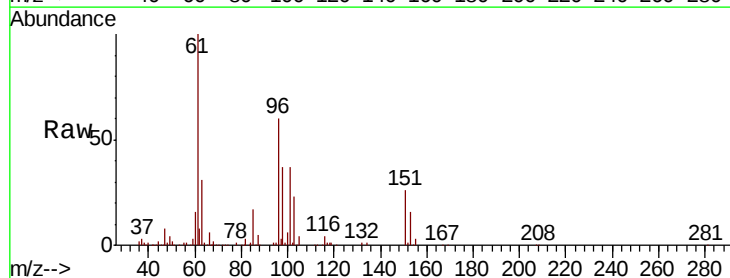
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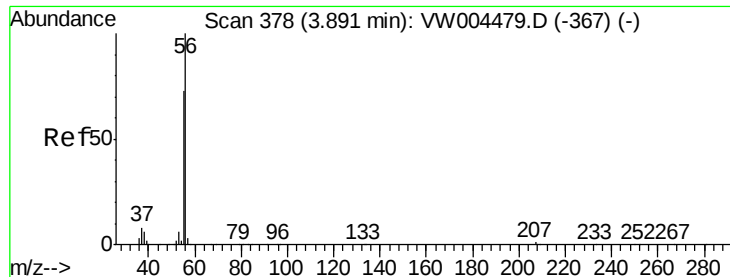


#12

1,1-Dichloroethene
Concen: 20.52 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	165.7	130.6	195.8
98	98	62.1	49.6	74.4





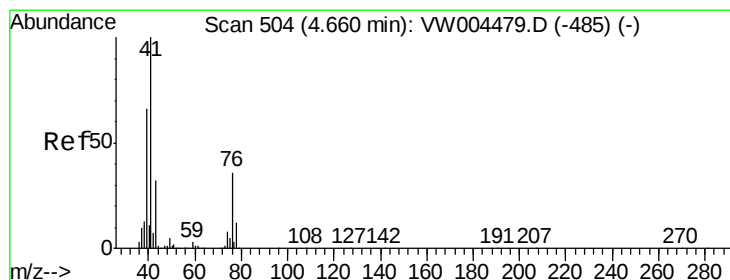
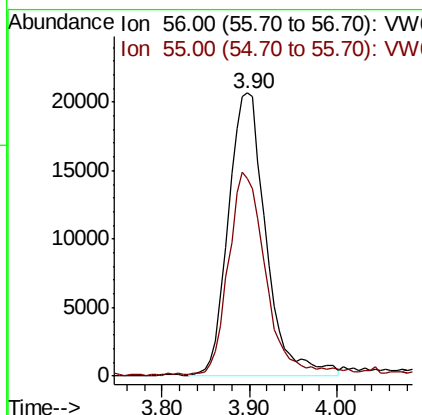
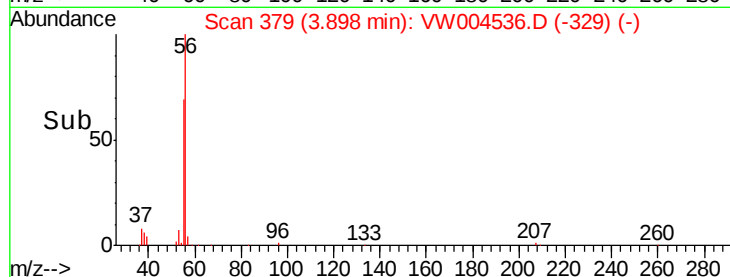
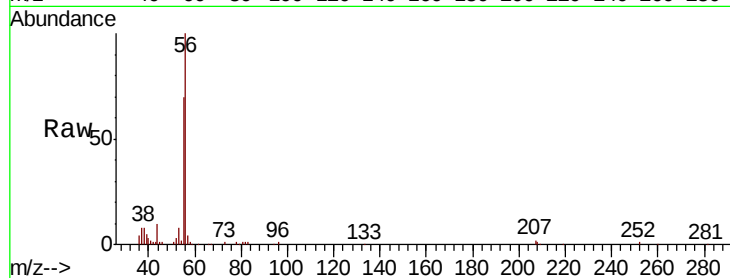
#13
Acrolein
Concen: 113.79 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	56.7	85.1

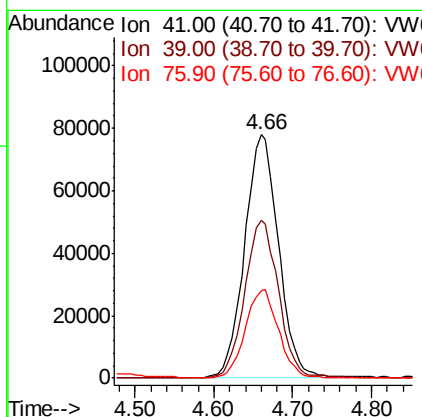
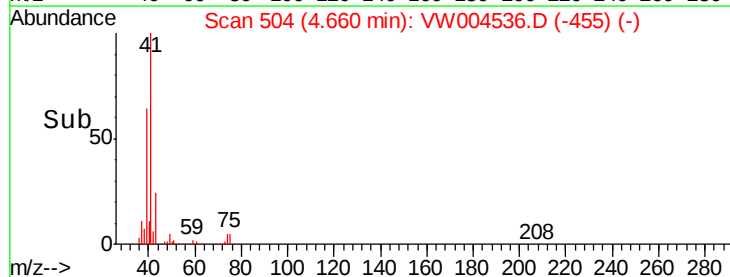
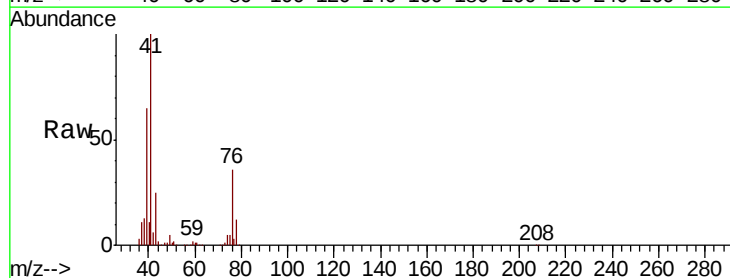
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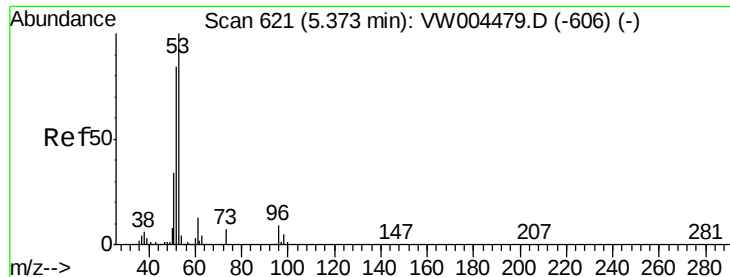
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#14
Allyl chloride
Concen: 20.85 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	51.9	77.9
76	35.7	29.0	43.6





#15

Acrylonitrile

Concen: 104.68 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

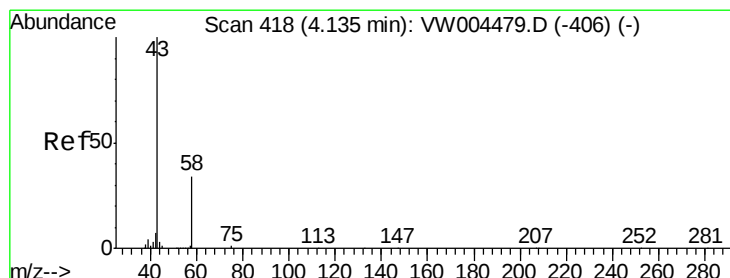
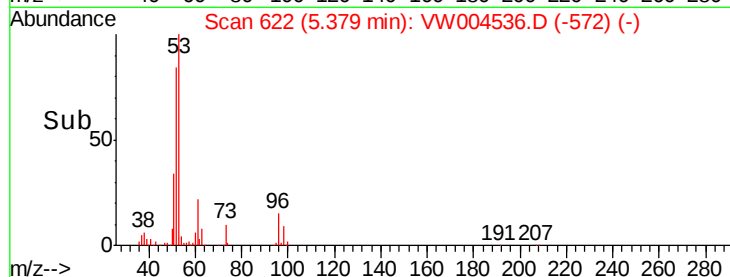
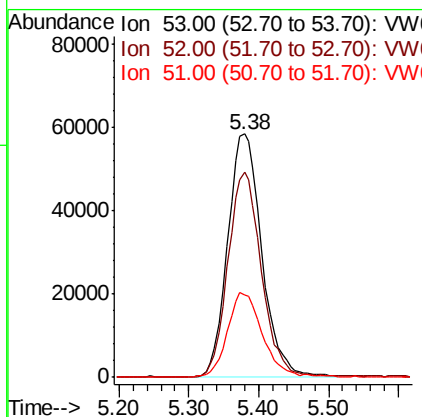
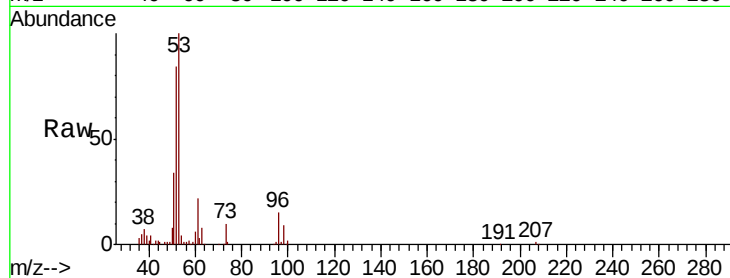
ClientSampleId :

VW0810SBSD01

Tot Ion:	53	Resp:	197163
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.5	99.7
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 110.50 ug/l

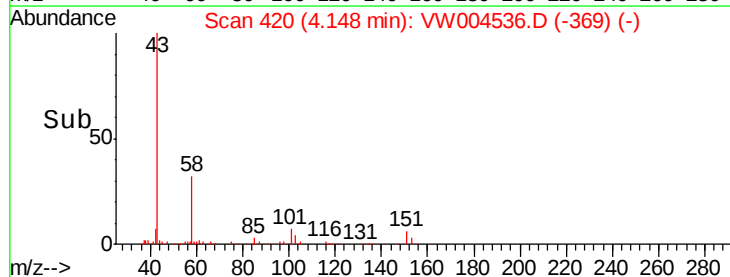
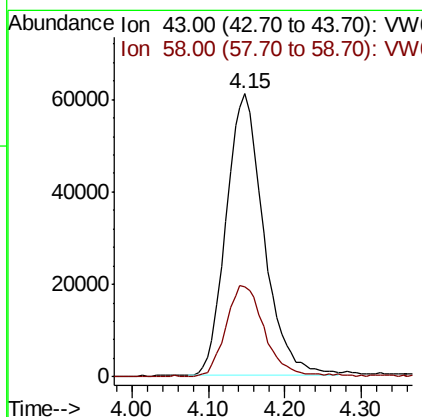
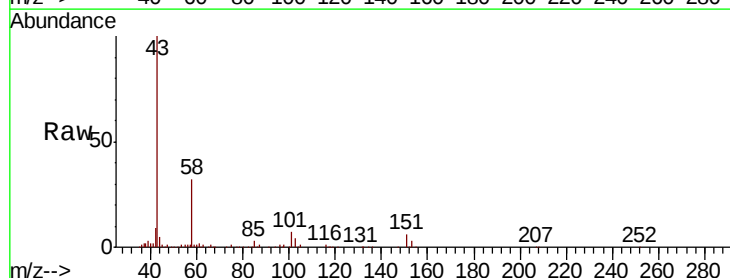
RT: 4.15 min Scan# 420

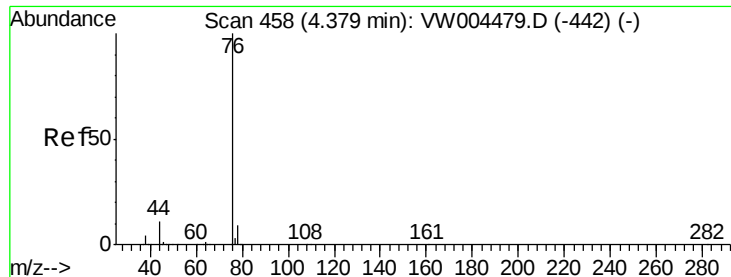
Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	43	Resp:	207482
Ion Ratio		Lower	Upper
43	100		
58	31.9	26.8	40.2





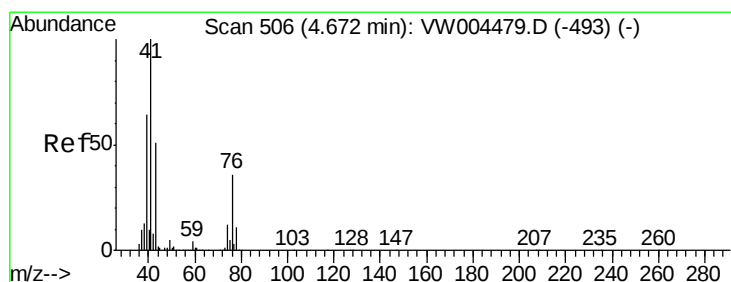
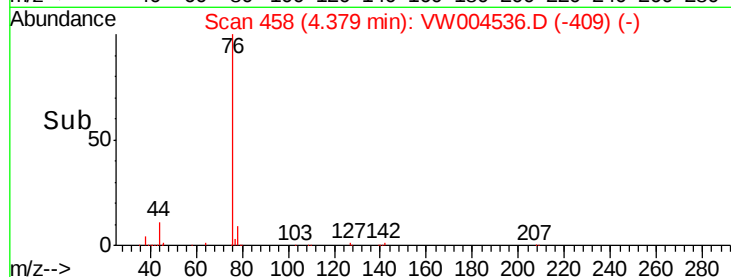
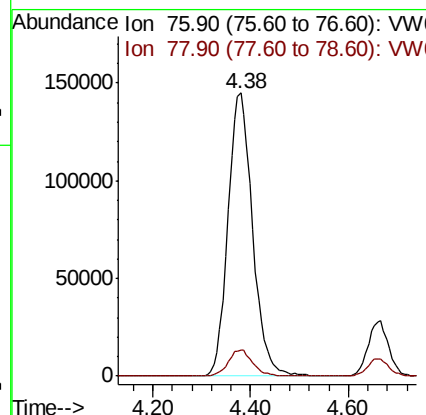
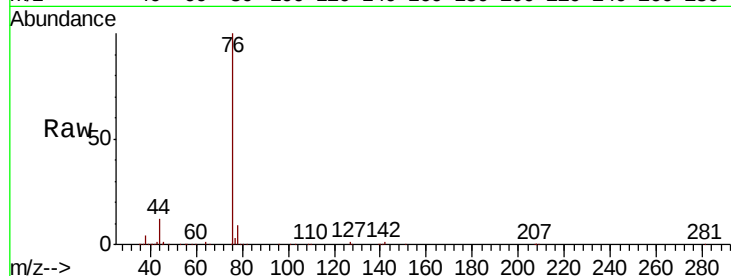
#17
Carbon Disulfide
Concen: 21.09 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

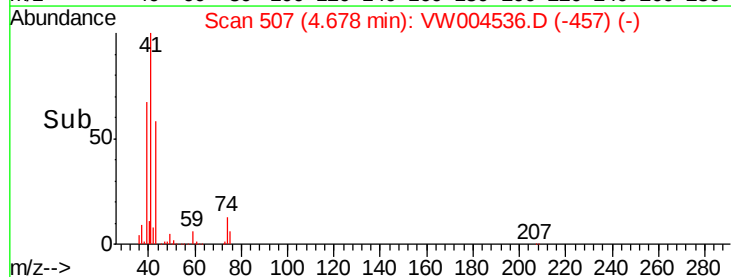
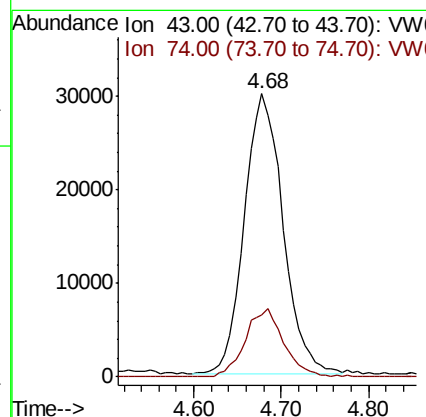
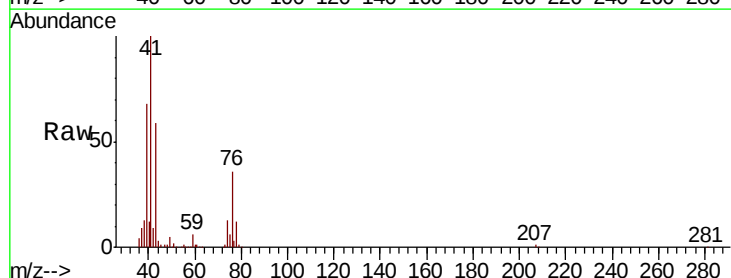
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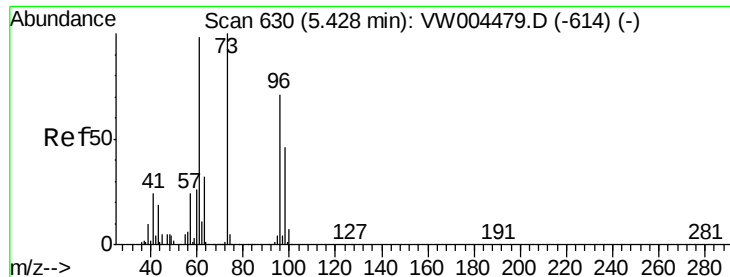
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#18
Methyl Acetate
Concen: 19.73 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.1	28.7





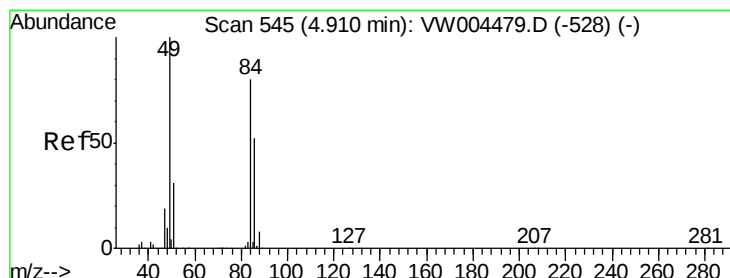
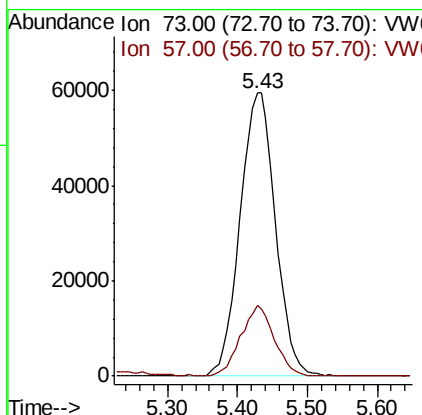
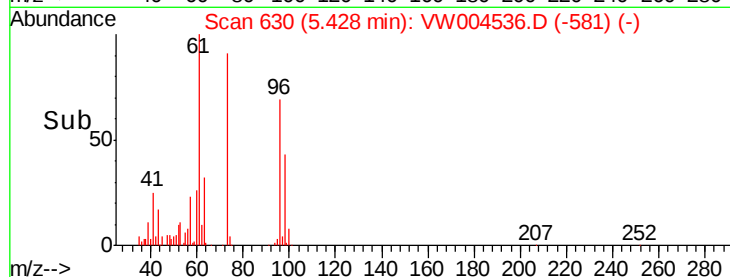
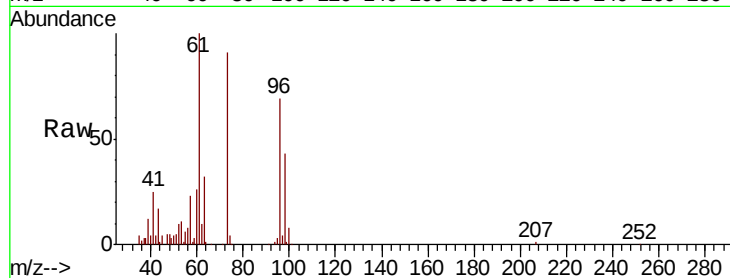
#19
Methvl tert-butvl Ether
Concen: 20.56 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.6	29.4

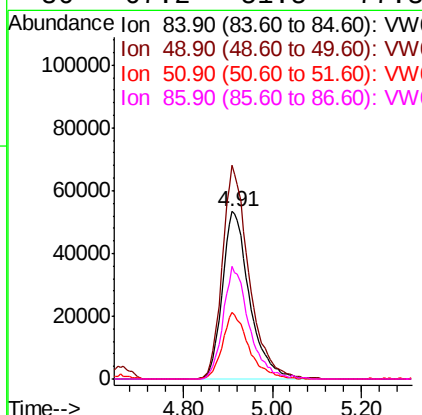
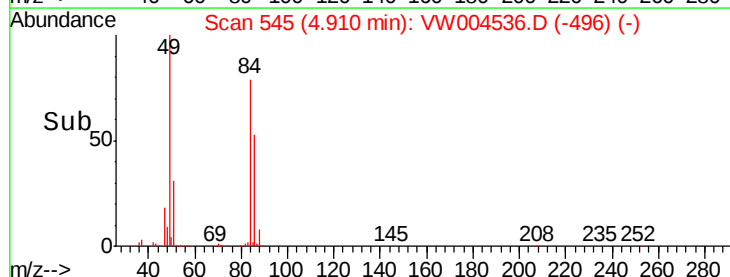
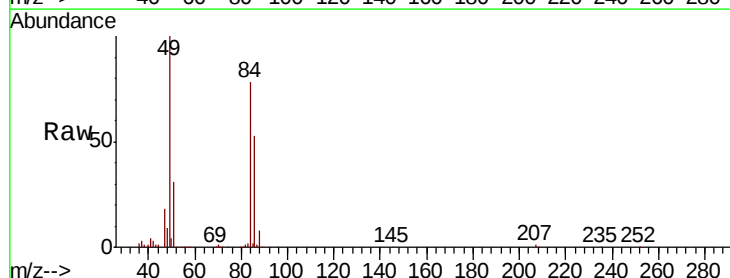
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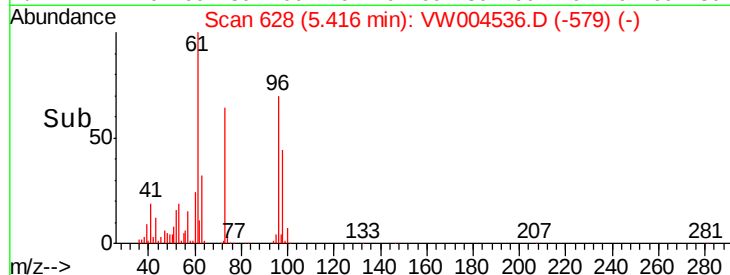
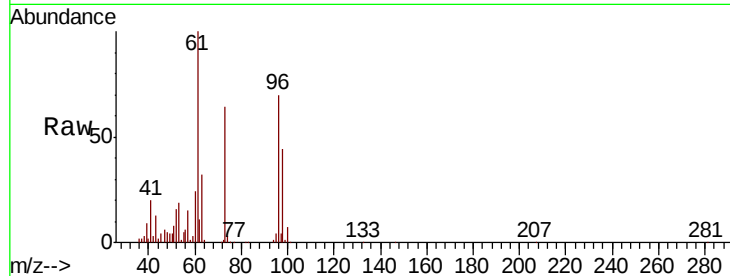
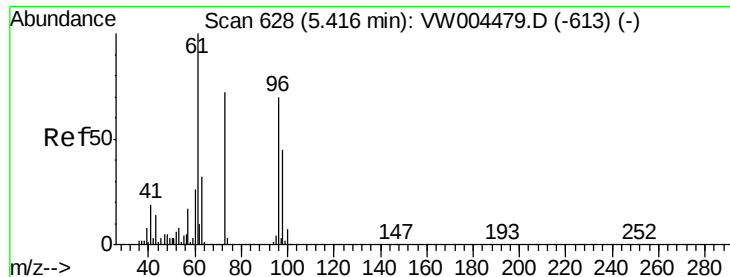
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#20
Methylene Chloride
Concen: 19.12 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	99.6	149.4
51	39.6	31.0	46.4
86	67.2	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004536.D

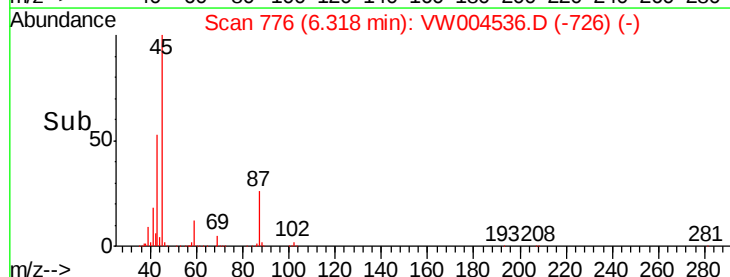
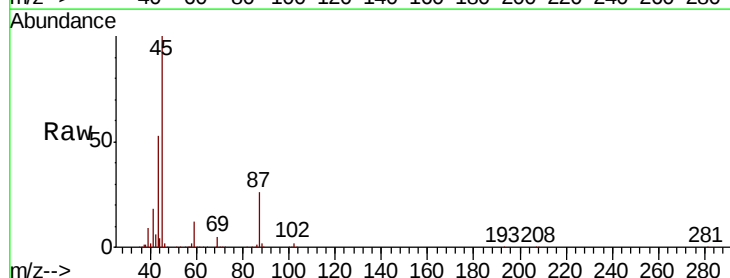
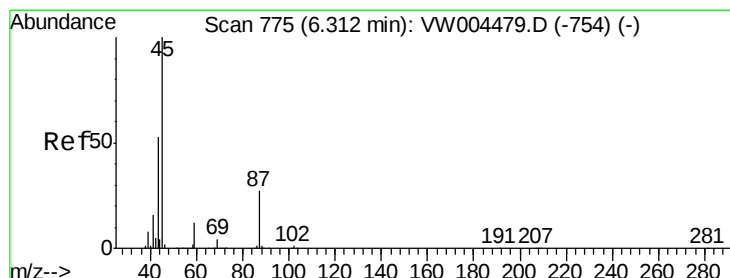
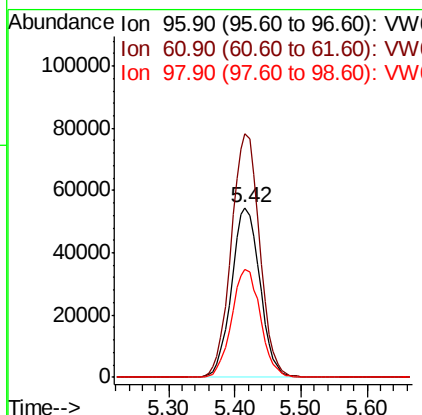
Acq: 08 Aug 2018 19:26

Tot Ion:	96	Resp:	162406
Ion Ratio	Lower	Upper	
96	100		
61	143.2	114.1	171.1
98	63.4	51.4	77.2

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

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#22

Diisopropyl ether

Concen: 21.60 ug/l

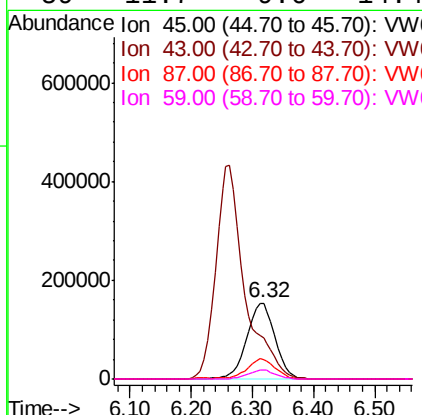
RT: 6.32 min Scan# 776

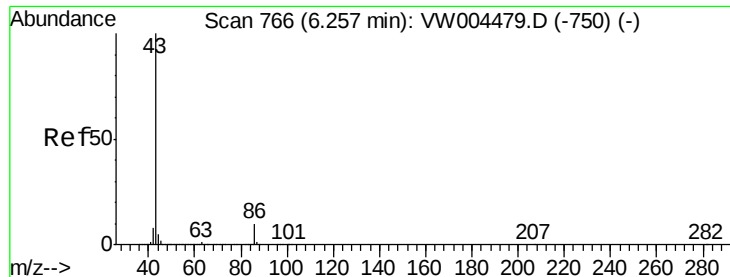
Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	45	Resp:	496753
Ion Ratio	Lower	Upper	
45	100		
43	53.0	42.4	63.6
87	25.7	21.6	32.4
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 103.44 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleID :

VW0810SBSD01

Tot Ion: 43 Resp: 1429621

Ion Ratio Lower Upper

43 100

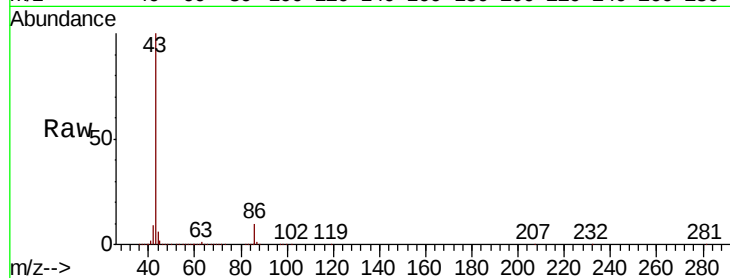
86 10.1 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

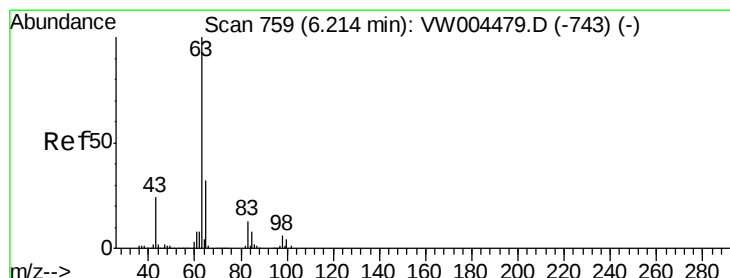
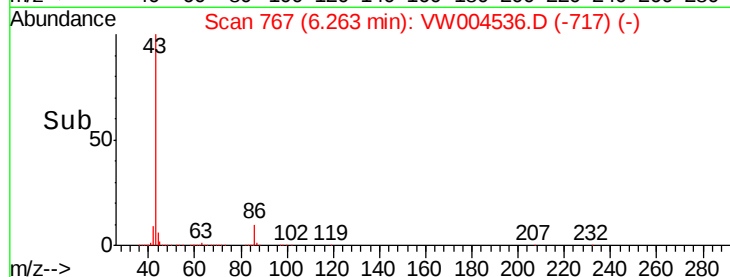
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.47 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

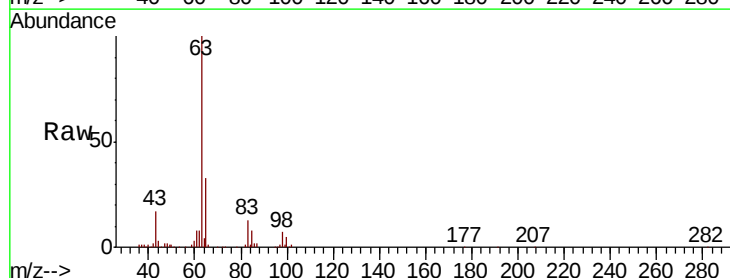
Tgt Ion: 63 Resp: 301299

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

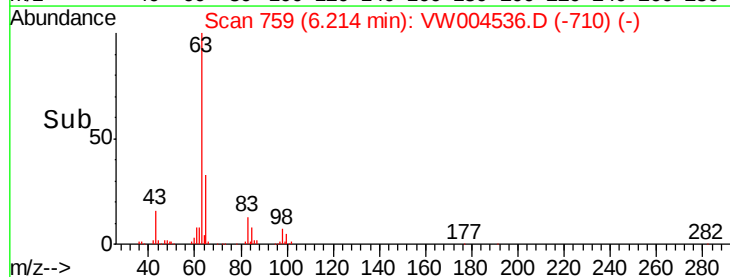
Ion 99.90 (99.60 to 100.60): VW

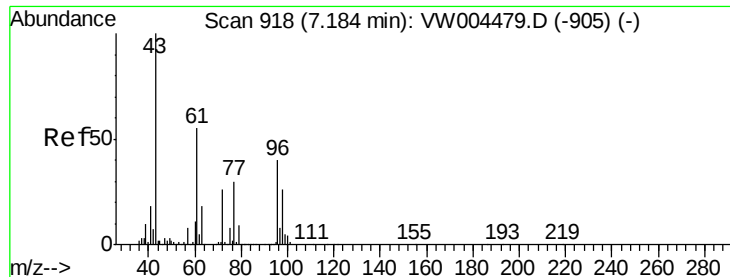
100000

50000

0

Time-->





#25

2-Butanone

Concen: 103.81 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 43 Resp: 313556

Ion Ratio Lower Upper

43 100

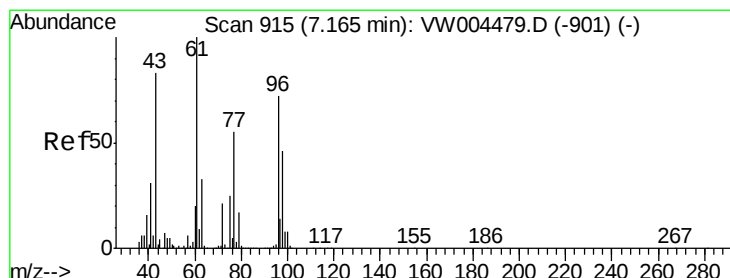
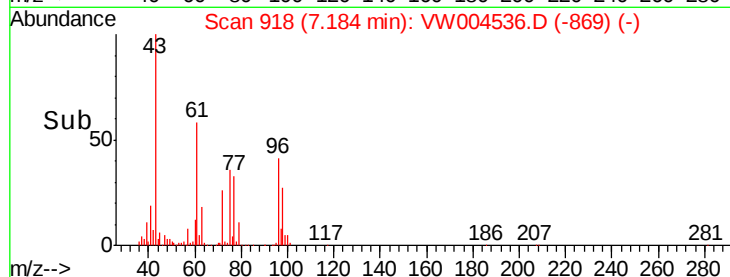
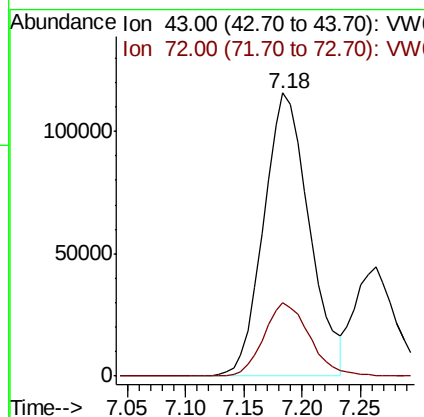
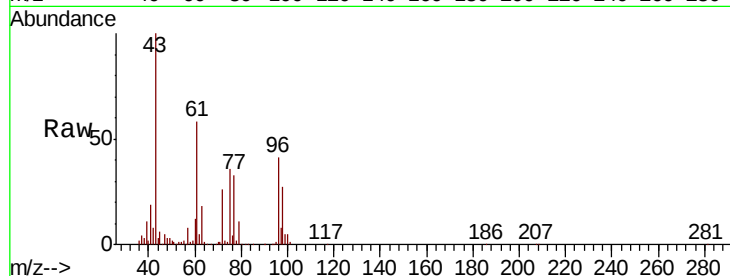
72 26.1 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 20.91 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004536.D

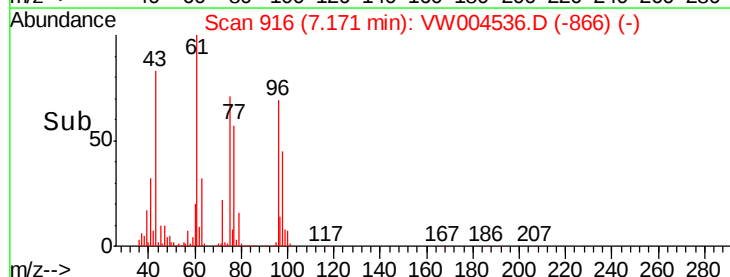
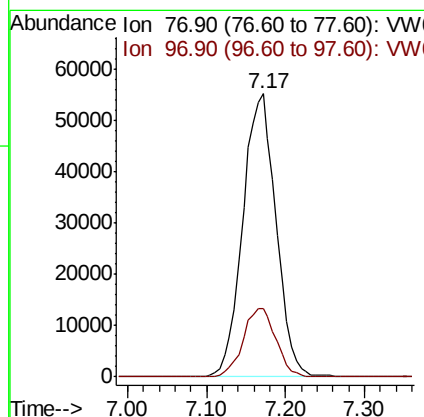
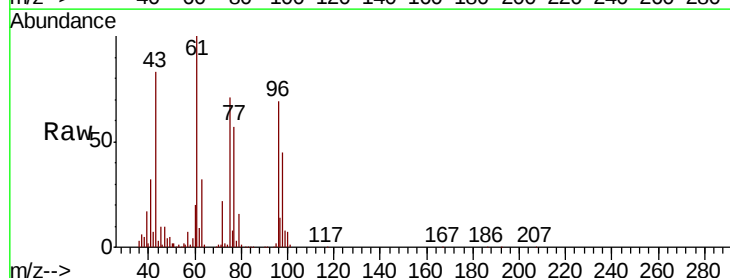
Acq: 08 Aug 2018 19:26

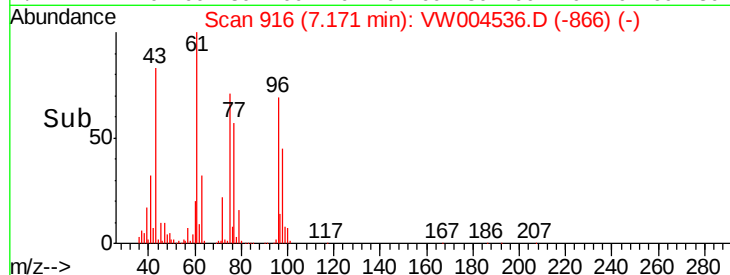
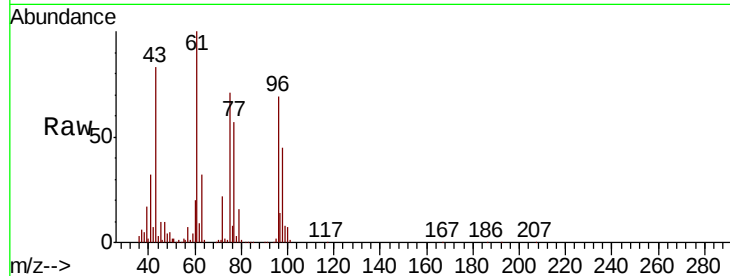
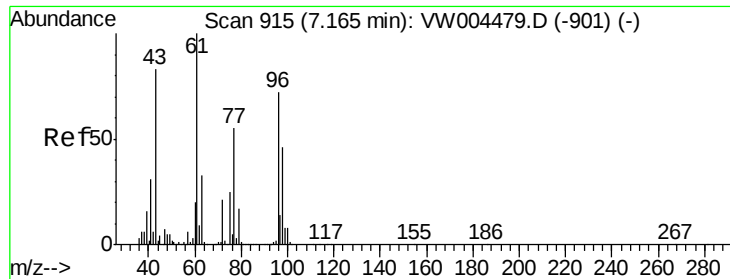
Tgt Ion: 77 Resp: 161529

Ion Ratio Lower Upper

77 100

97 24.0 12.5 37.5





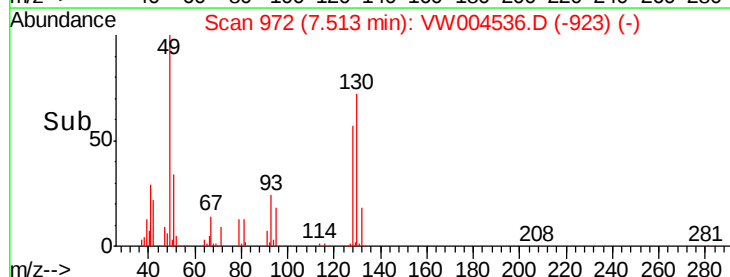
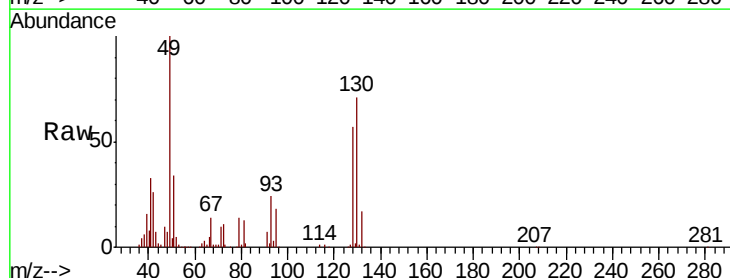
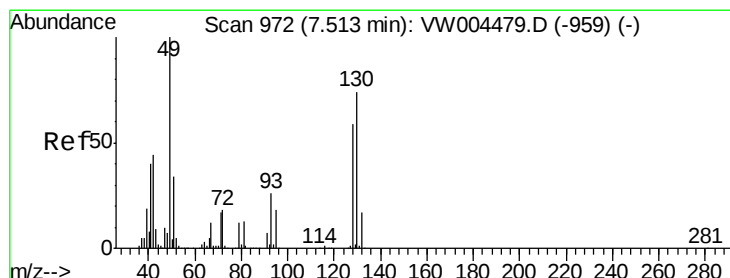
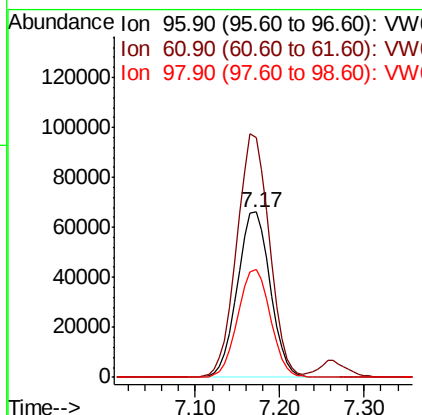
#27
 cis-1,2-Dichloroethene
 Concen: 20.24 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tot Ion	Ratio	Resp	Lower	Upper
96	100	174766		
61	146.2	0.0	285.0	
98	64.9	0.0	128.6	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

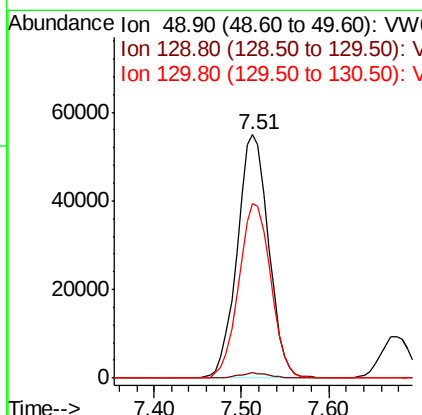
Manual Integrations
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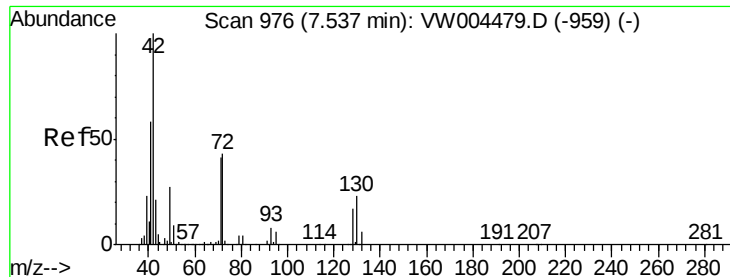
apatel
 8/9/2018 10:41:18 AM



#28
 Bromochloromethane
 Concen: 21.37 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136879		
129	2.0	0.0	4.0	
130	73.2	58.8	88.2	





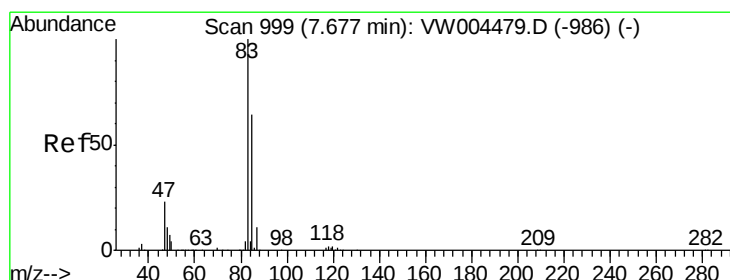
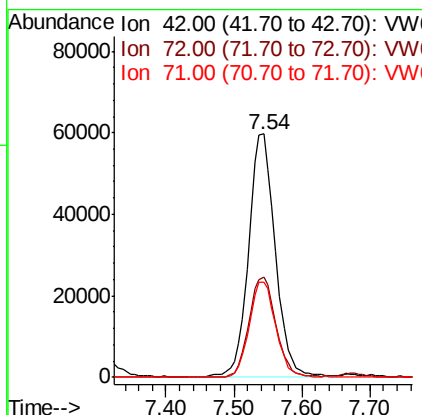
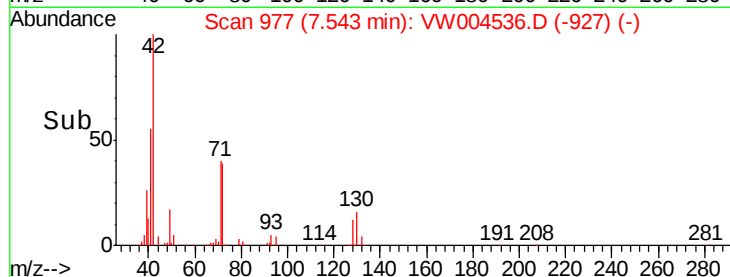
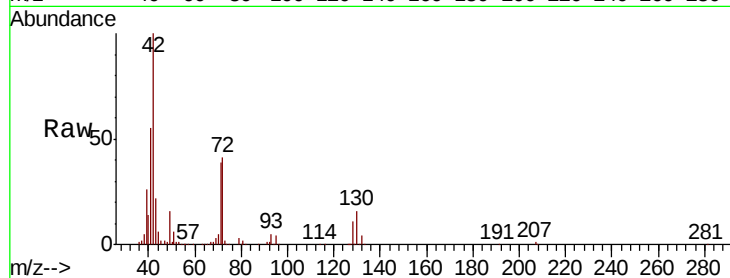
#29
Tetrahydrofuran
Concen: 103.95 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.1	51.1
71	39.2	32.5	48.7

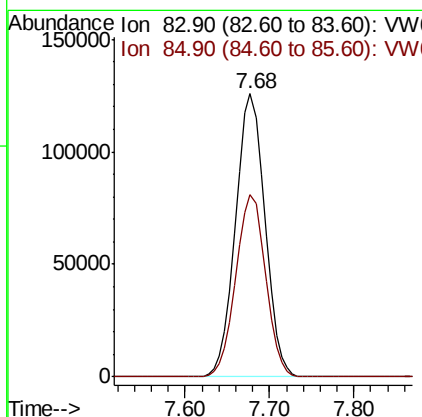
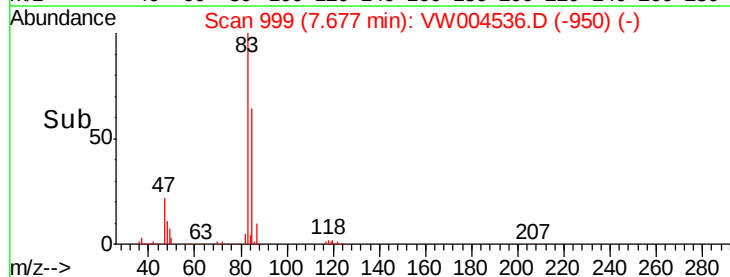
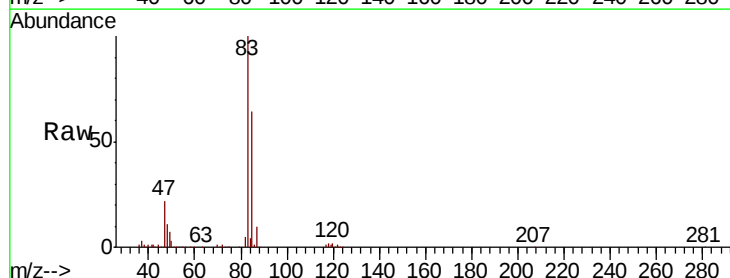
Manual Integrations
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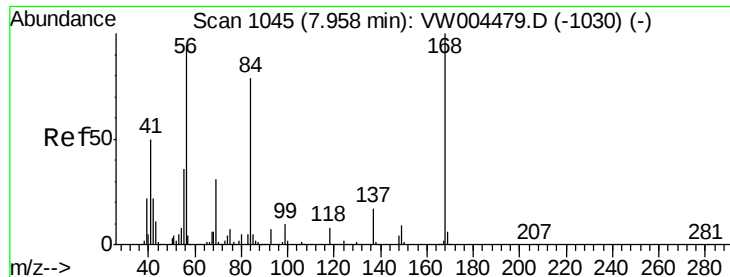
apatel
8/9/2018 10:41:18 AM



#30
Chloroform
Concen: 20.52 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9





#31

Cyclohexane

Concen: 20.17 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

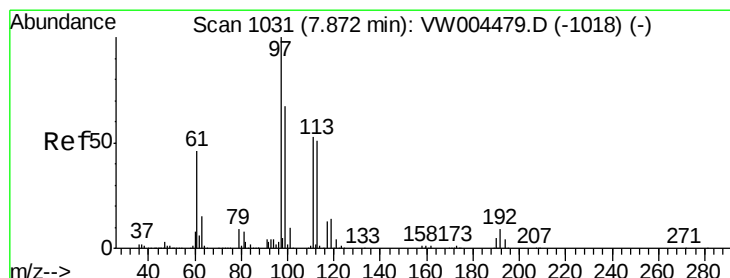
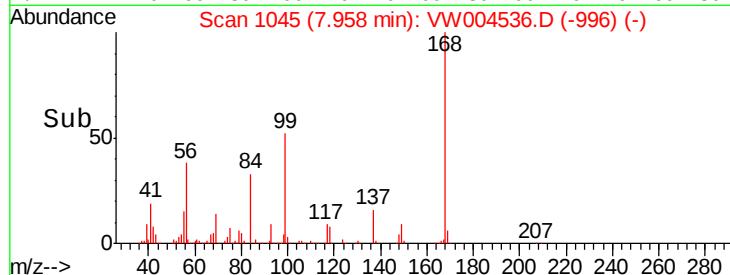
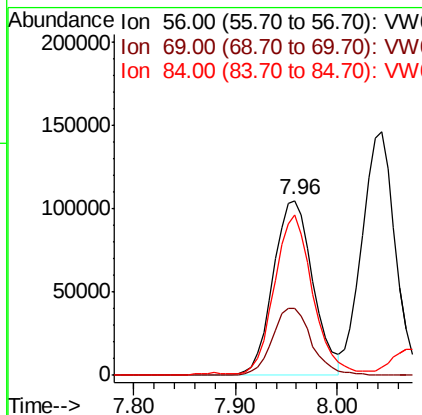
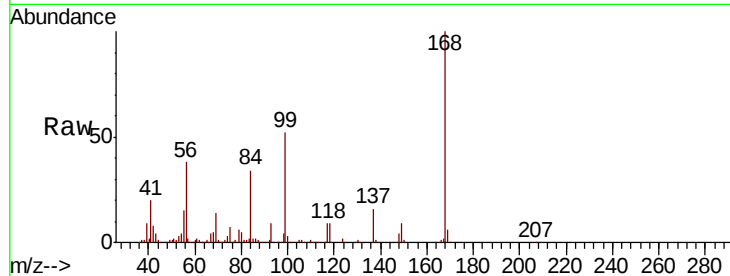
ClientSampleId :

VW0810SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
284085	56	100		
	69	38.4	26.4	39.6
	84	90.7	66.9	100.3

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#32

1,1,1-Trichloroethane

Concen: 20.63 ug/l

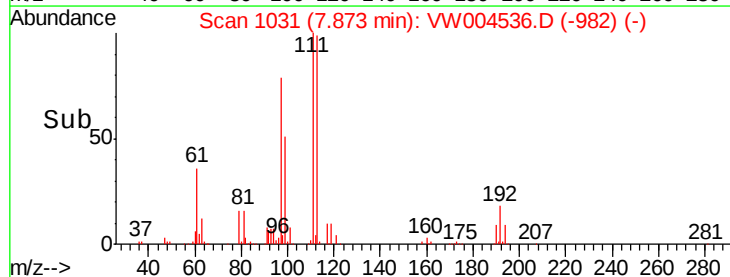
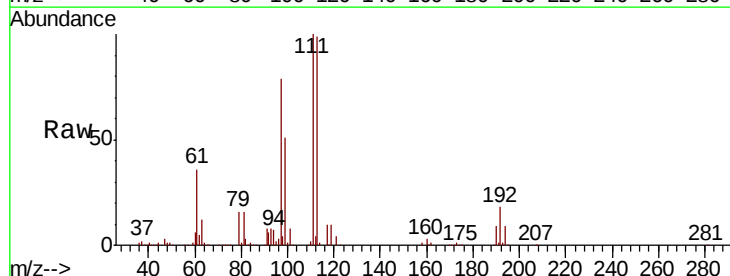
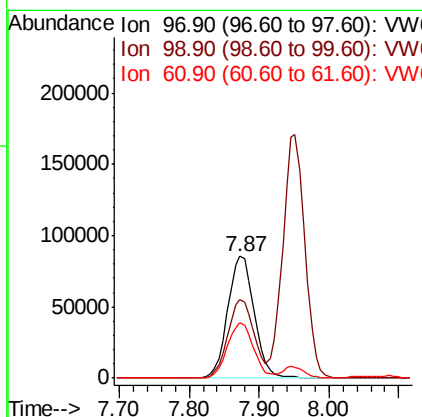
RT: 7.87 min Scan# 1031

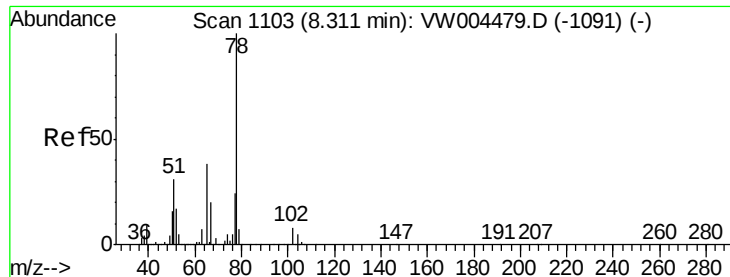
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
224066	97	100		
	99	63.7	51.6	77.4
	61	45.2	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 53.35 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 65 Resp: 401083

Ion Ratio Lower Upper

65 100

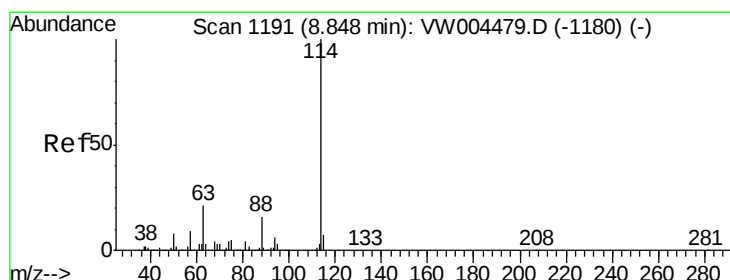
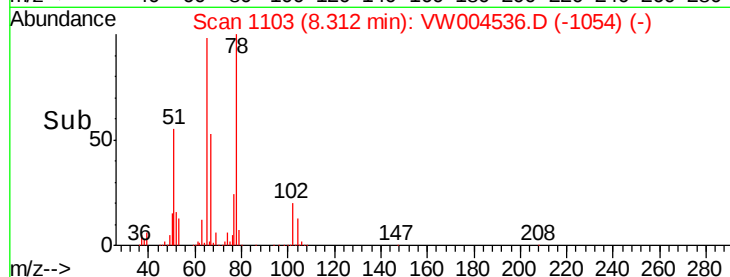
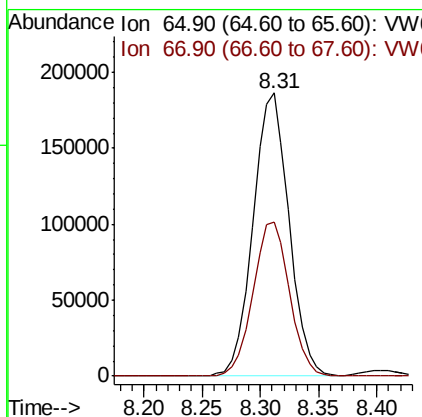
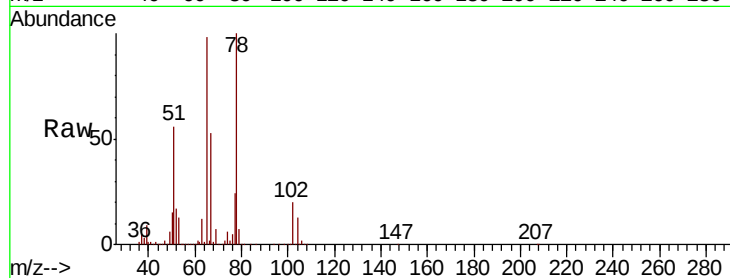
67 55.2 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

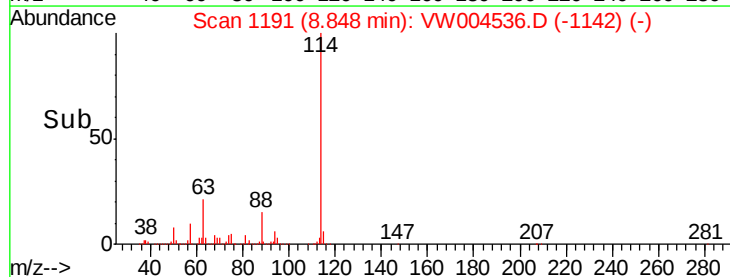
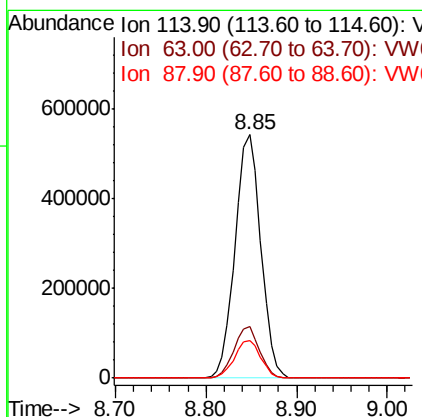
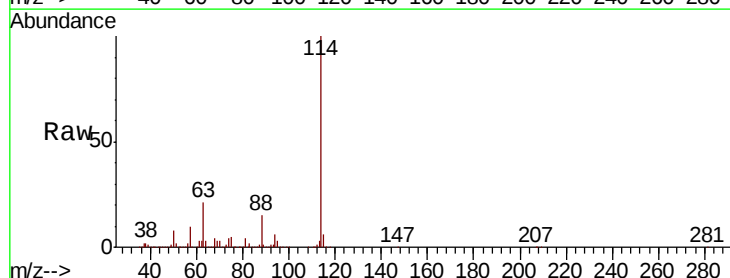
Tgt Ion: 114 Resp: 1068806

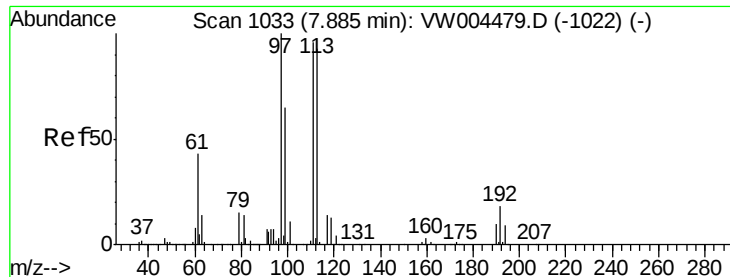
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.4 0.0 31.2





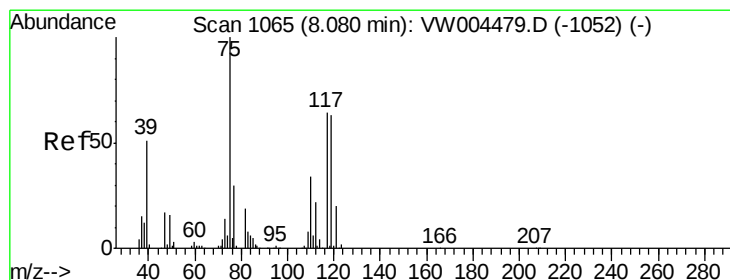
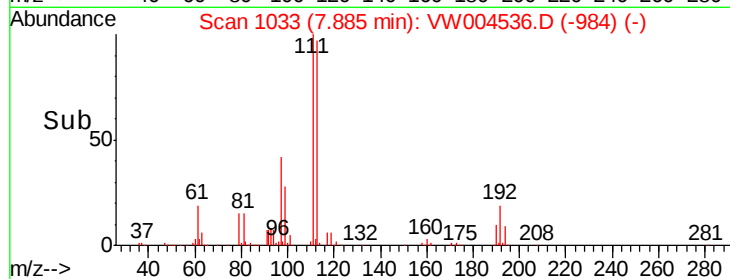
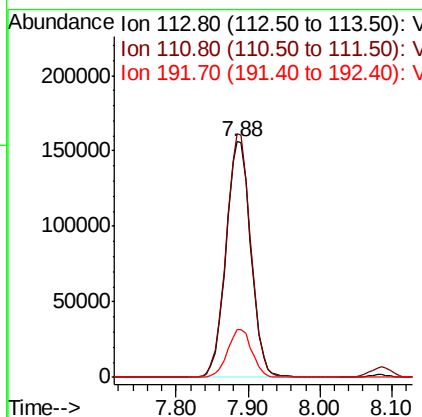
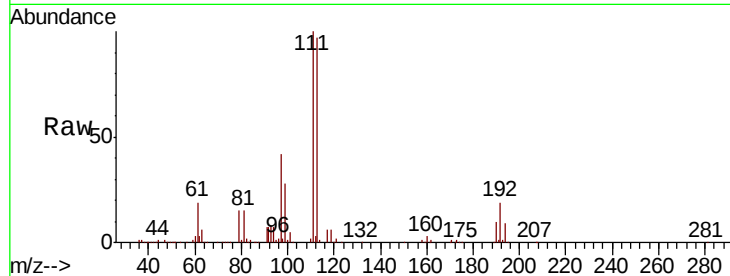
#35
 Dibromofluoromethane
 Concen: 52.54 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.0	15.8	23.6

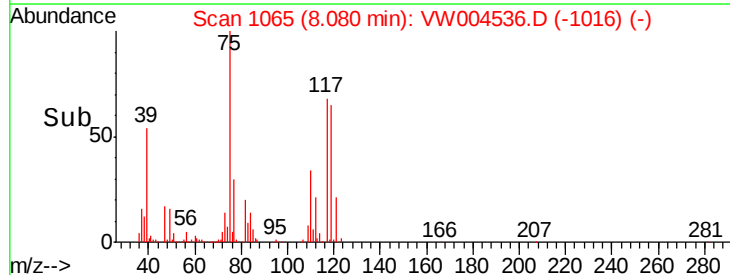
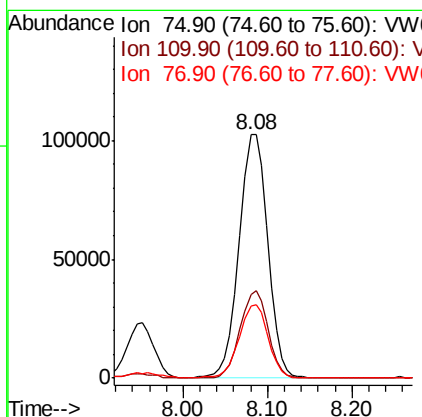
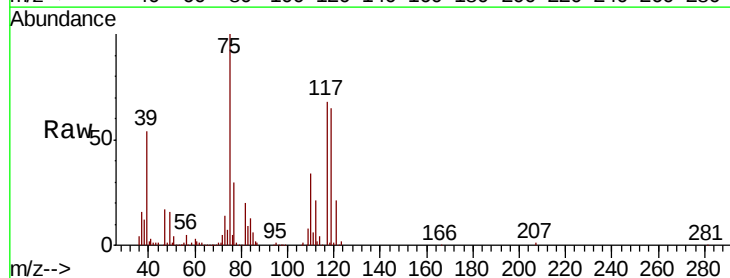
Manual Integrations
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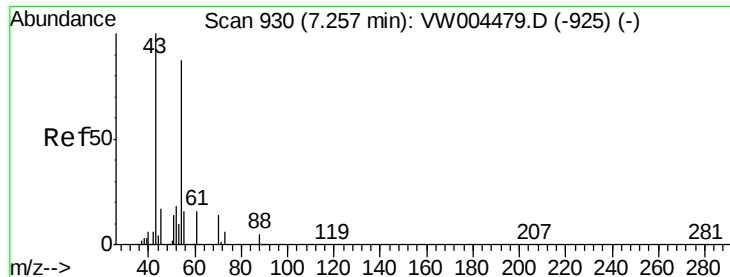
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.49 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	30.5	24.7	37.1





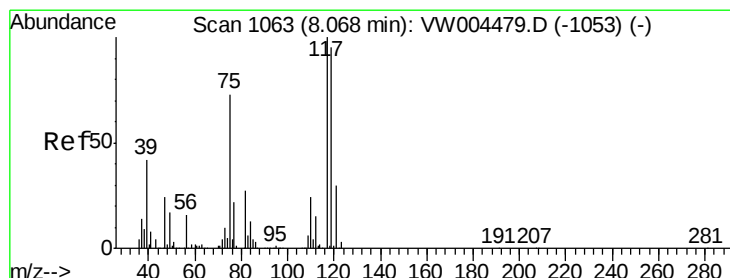
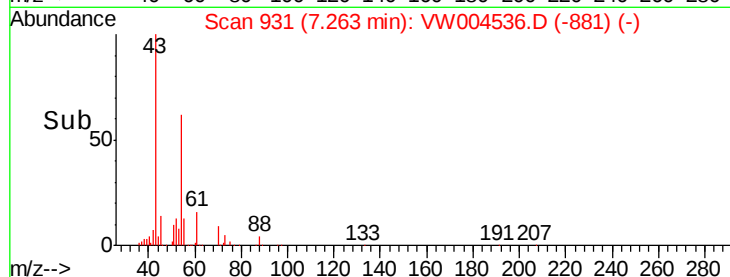
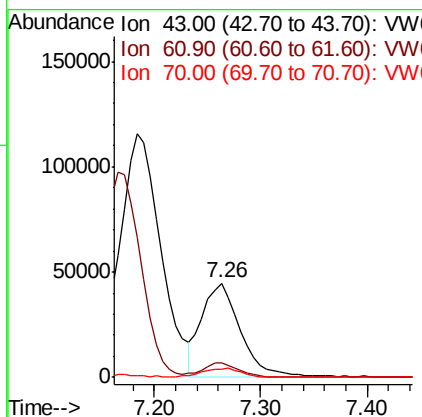
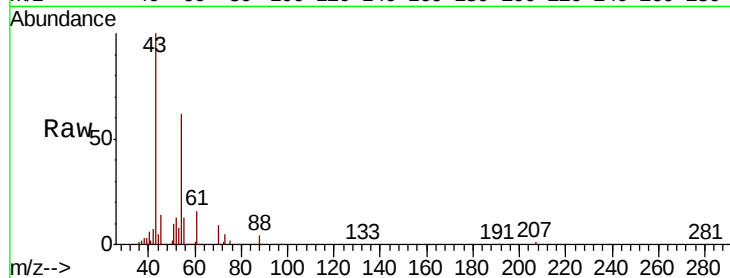
#37
Ethyl Acetate
Concen: 20.41 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	10.3	8.2	12.4

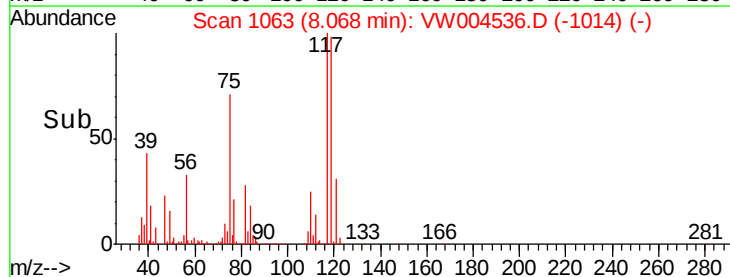
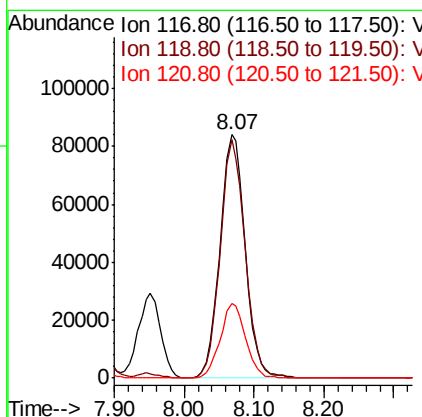
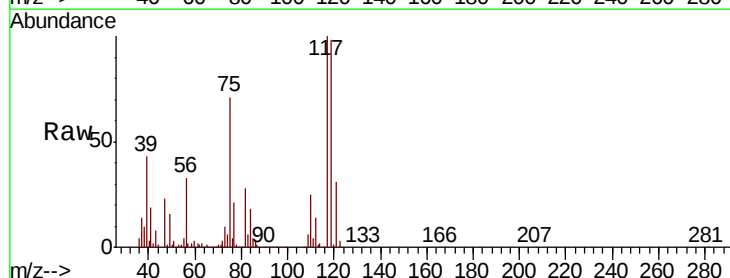
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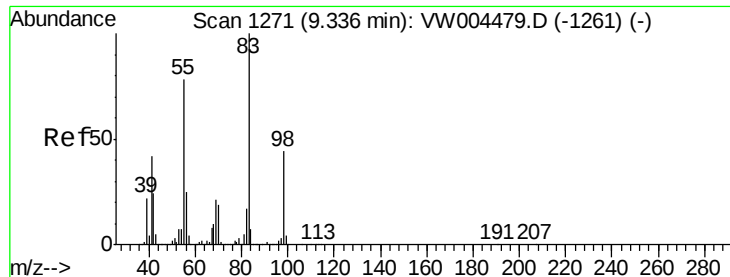
apatel
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#38
Carbon Tetrachloride
Concen: 20.29 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	30.6	24.2	36.4





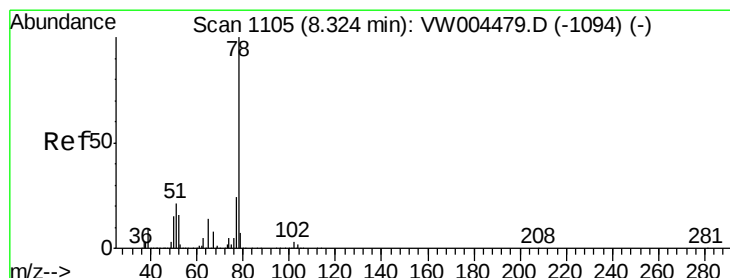
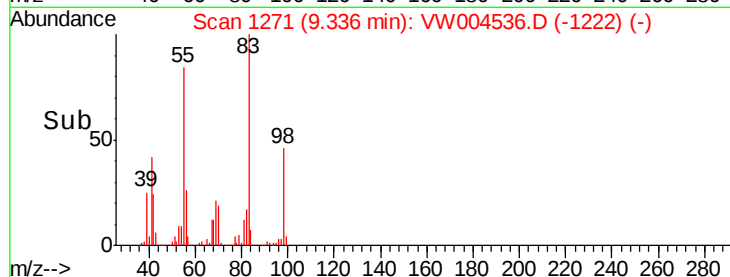
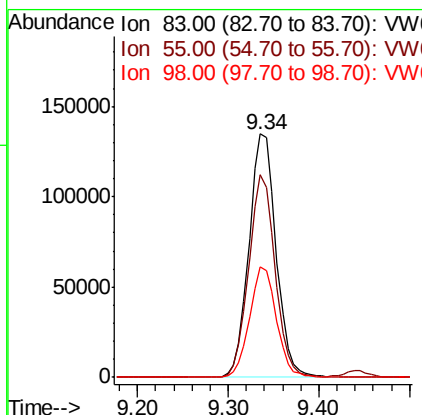
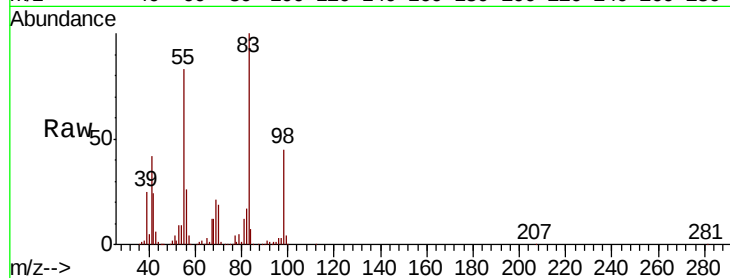
#39
Methvlcvclohexane
Concen: 19.81 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	62.5	93.7
98	45.5	35.4	53.2

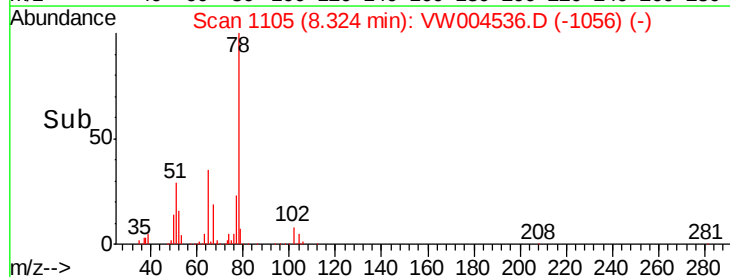
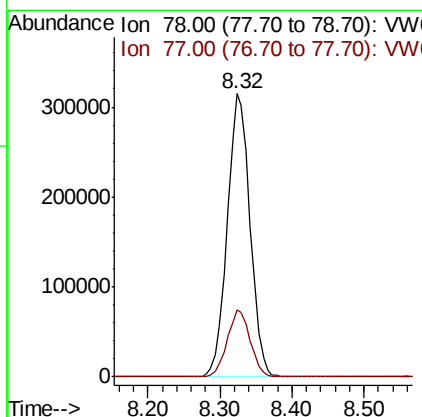
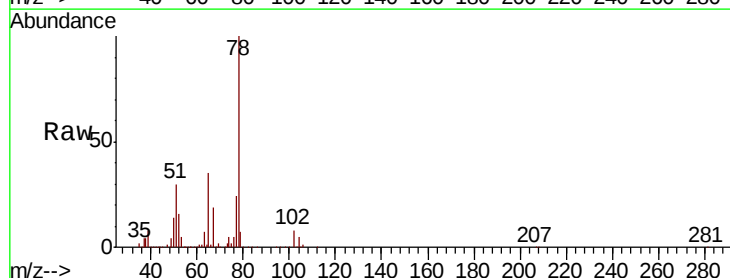
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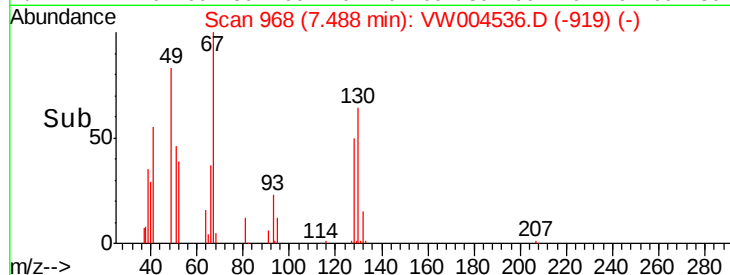
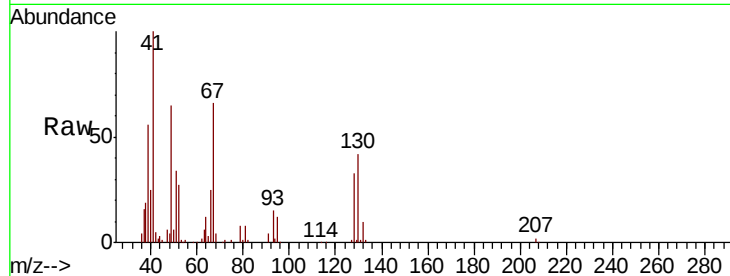
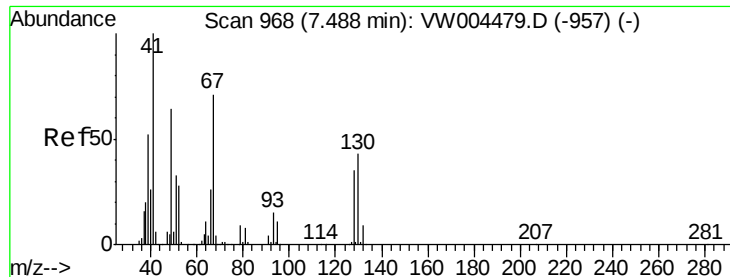
apatel
8/9/2018 10:41:18 AM



#40
Benzene
Concen: 20.44 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

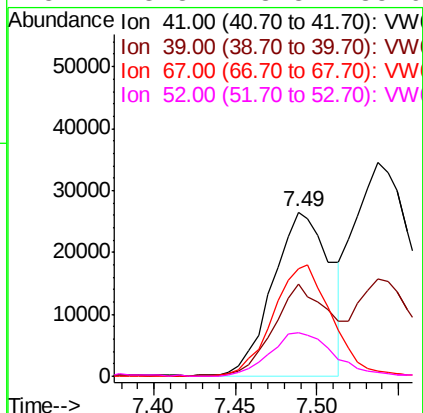
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 21.53 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

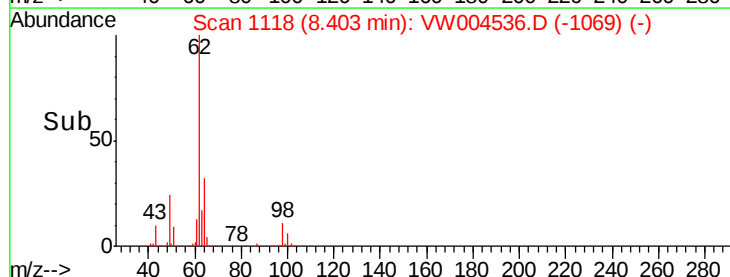
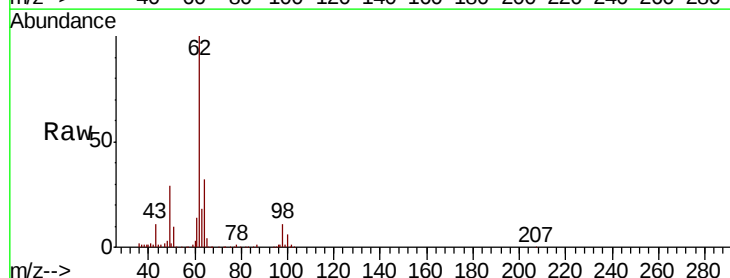
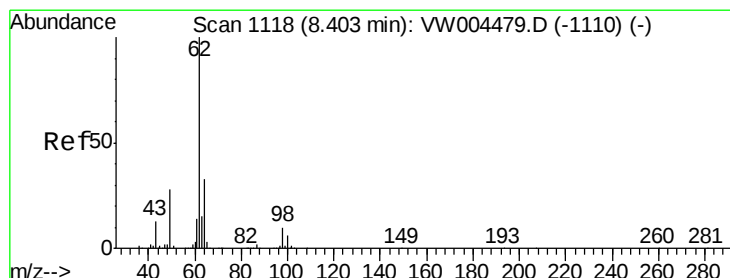
Tot Ion	41	Resp	64804
Ion Ratio	Lower	Upper	
41	100		
39	53.0	46.2	69.2
67	69.7	60.8	91.2
52	28.8	23.8	35.6



Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

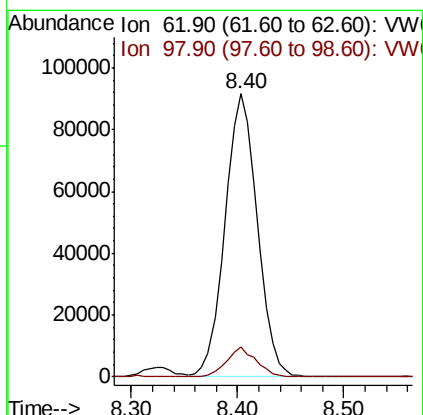
Manual Integrations
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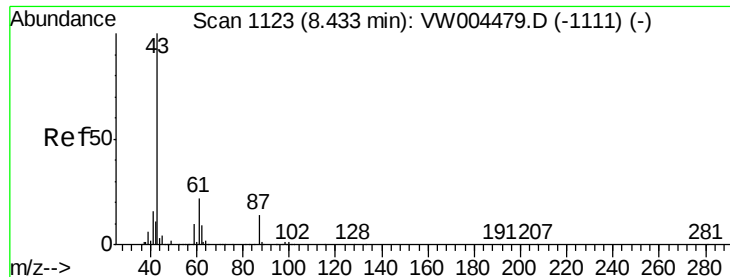
apatel
8/9/2018 10:41:18 AM



#42
1,2-Dichloroethane
Concen: 20.81 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	62	Resp	194608
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 20.09 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

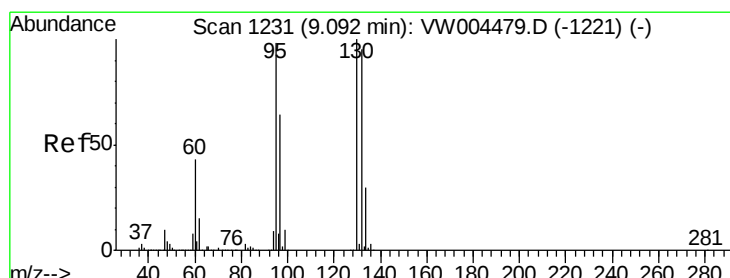
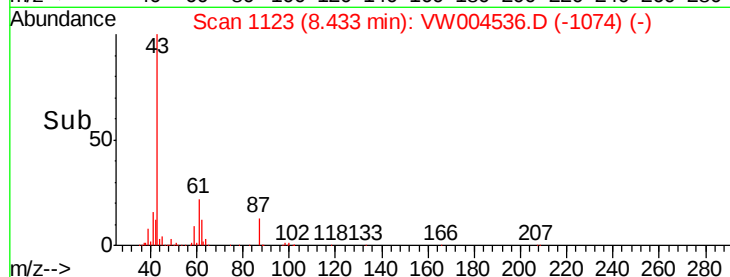
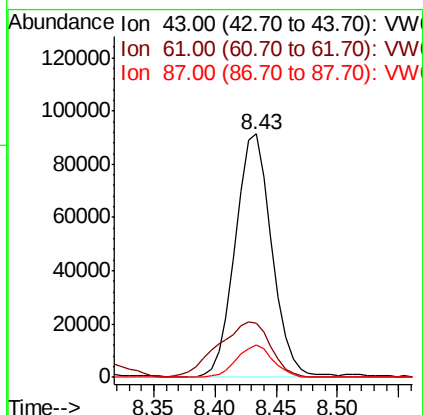
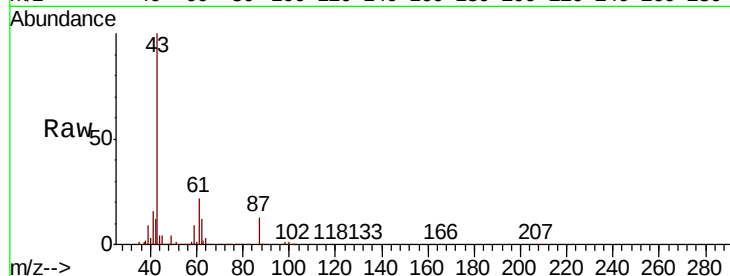
ClientSampleId :

VW0810SBSD01

Tot Ion:	43	Resp:	188723
Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.2	37.8
87	13.3	10.6	16.0

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#44

Trichloroethene

Concen: 20.04 ug/l

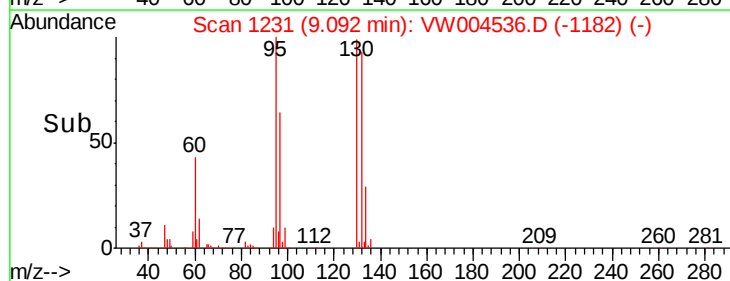
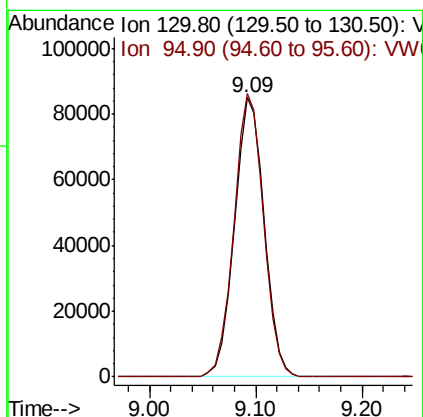
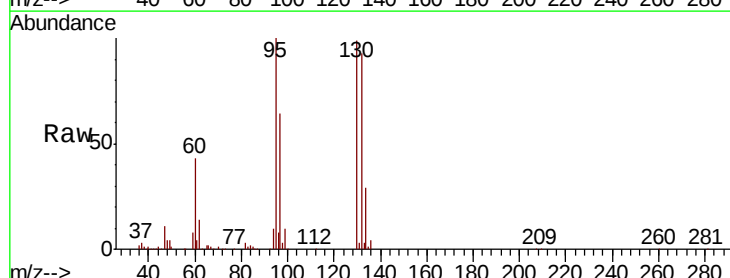
RT: 9.09 min Scan# 1231

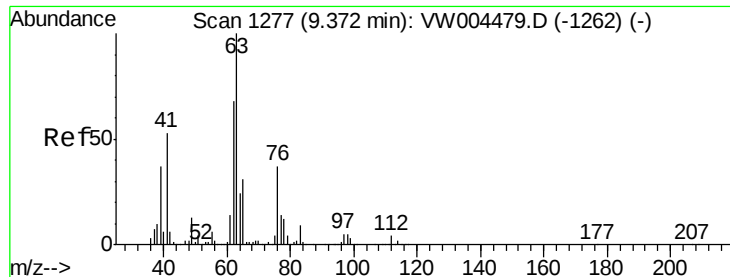
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	130	Resp:	166431
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	196.2





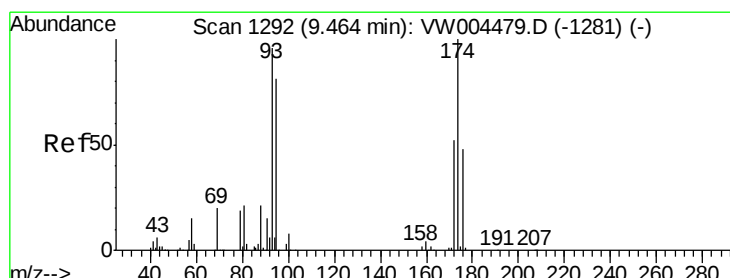
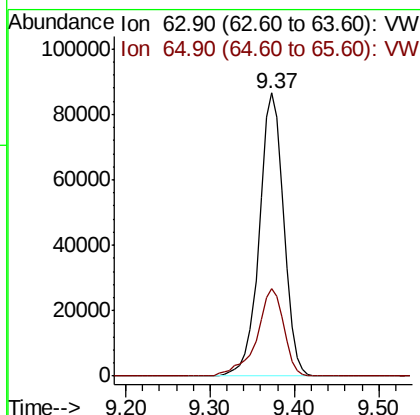
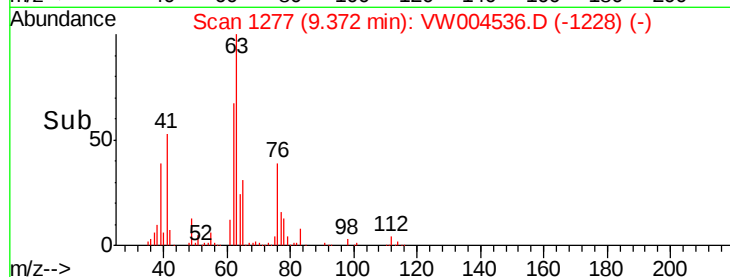
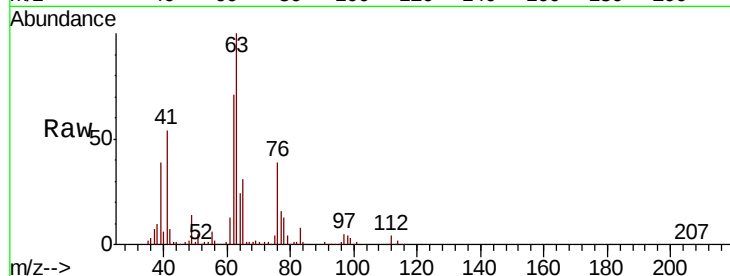
#45
 1,2-Dichloropropane
 Concen: 20.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.5	36.7

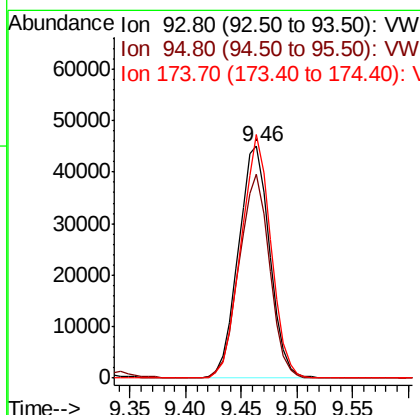
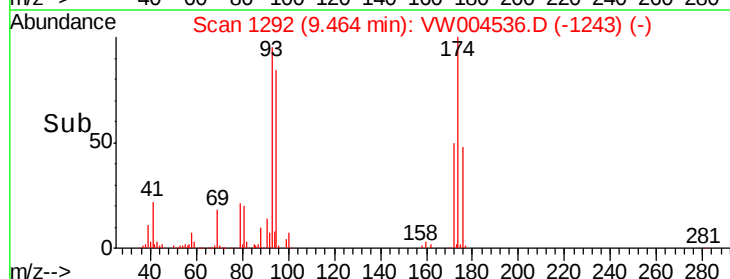
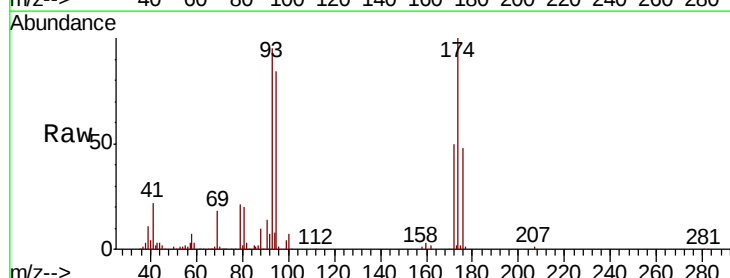
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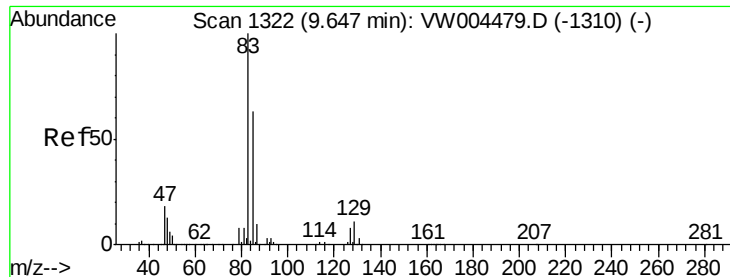
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#46
 Dibromomethane
 Concen: 20.42 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.0	100.4
174	100.2	80.2	120.4





#47

Bromodichloromethane

Concen: 20.04 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

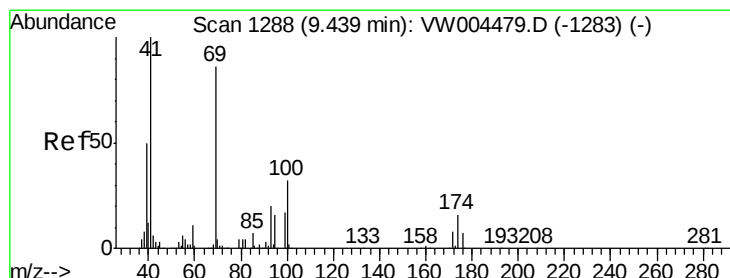
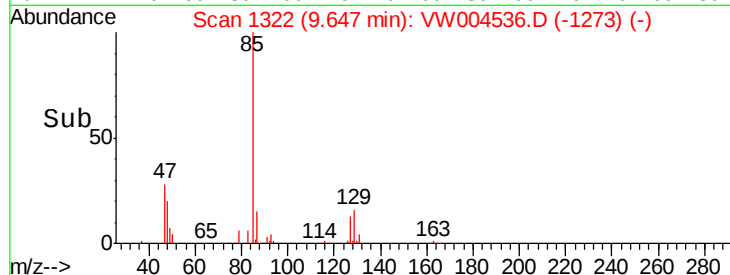
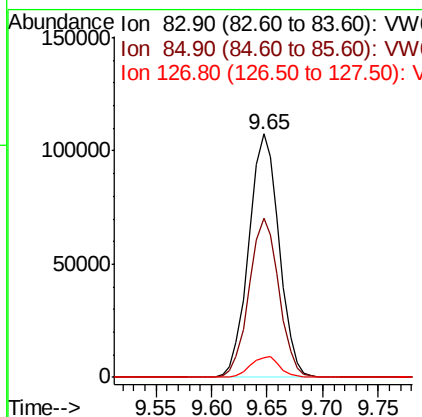
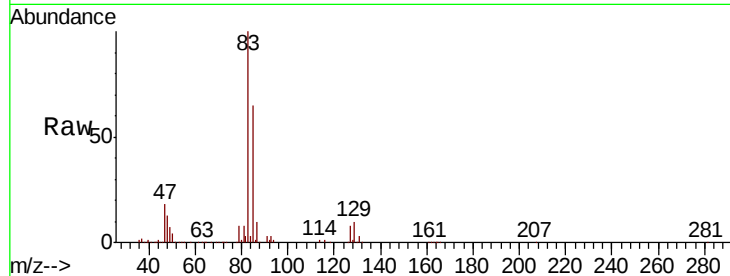
ClientSampleId :

VW0810SBSD01

Tot Ion:	83	Resp:	203771
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.7	76.1
127	8.3	6.5	9.7

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#48

Methyl methacrylate

Concen: 20.34 ug/l

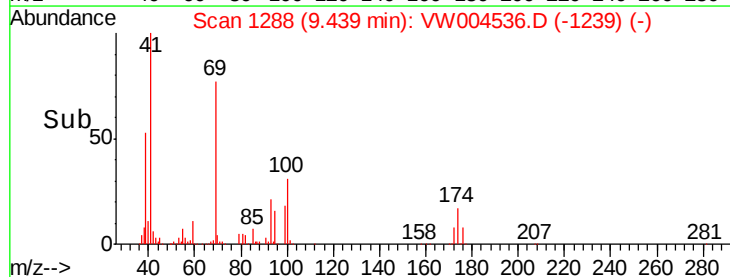
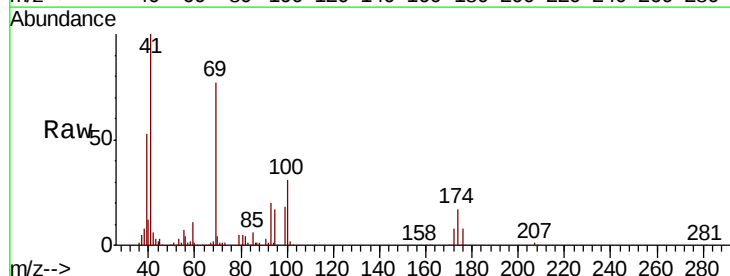
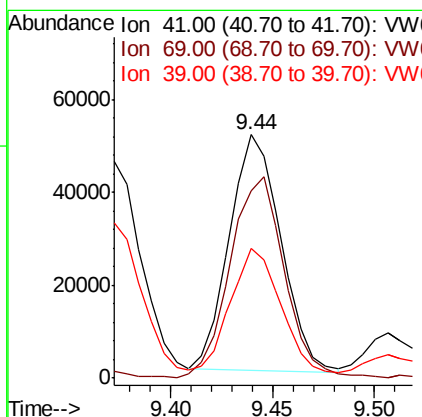
RT: 9.44 min Scan# 1288

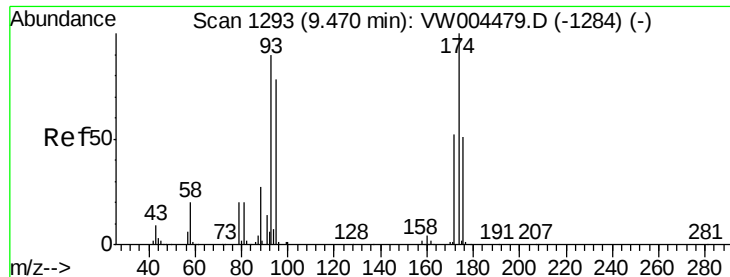
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	41	Resp:	89298
Ion Ratio	Lower	Upper	
41	100		
69	88.9	73.2	109.8
39	50.7	40.6	60.8





#49

1,4-Dioxane

Concen: 401.78 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

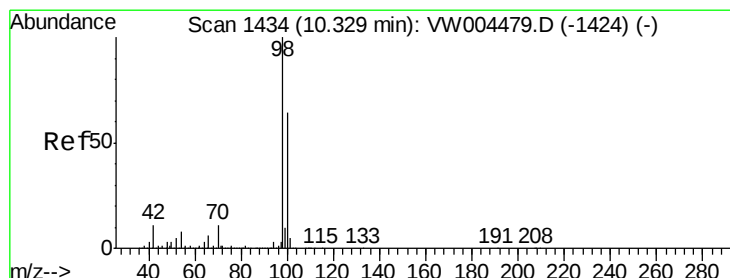
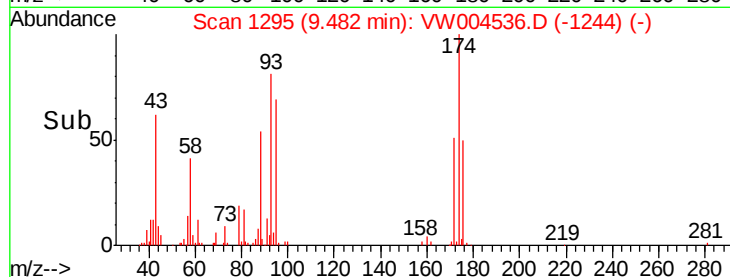
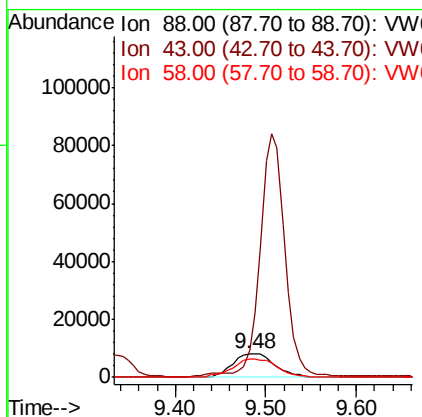
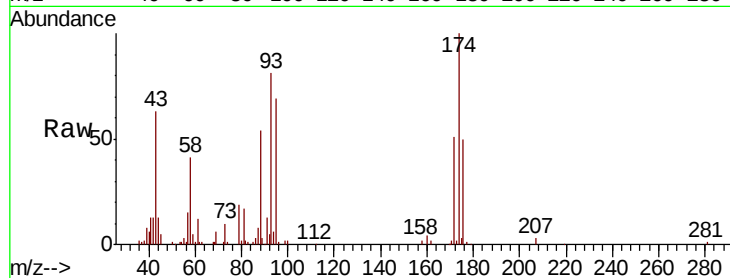
ClientSampleId :

VW0810SBSD01

Tot Ion:	88	Resp:	26409
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	83.1	63.5	95.3

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#50

Toluene-d8

Concen: 54.06 ug/l

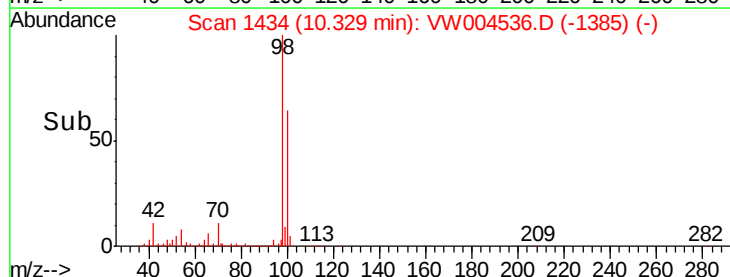
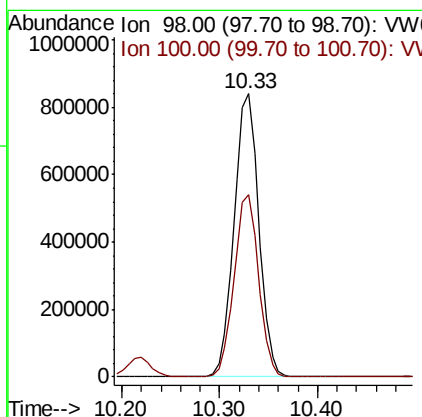
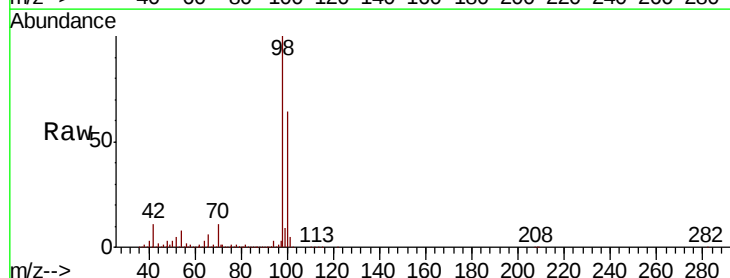
RT: 10.33 min Scan# 1434

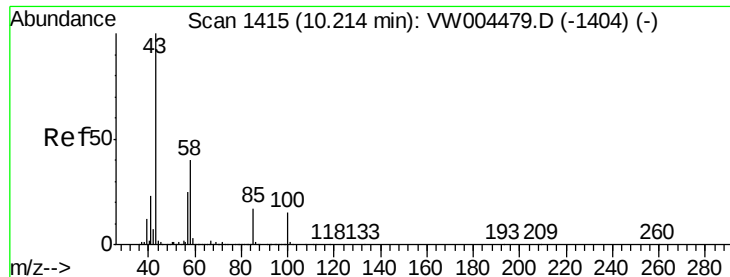
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	98	Resp:	1468841
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 104.47 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 43 Resp: 683190

Ion Ratio Lower Upper

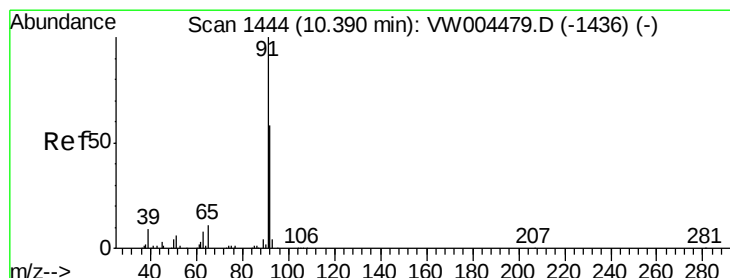
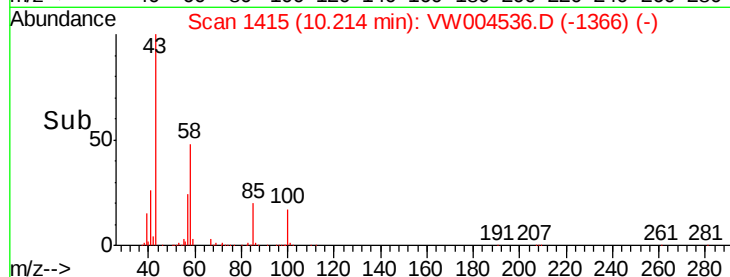
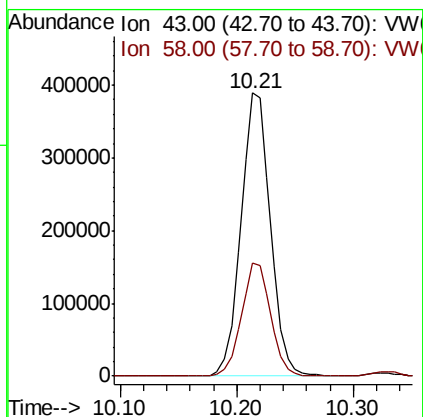
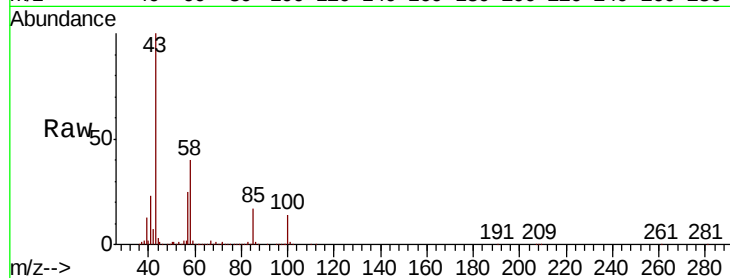
43 100

58 39.7 31.9 47.9

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#52

Toluene

Concen: 20.98 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004536.D

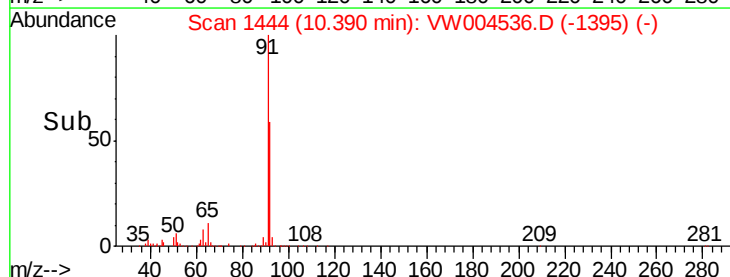
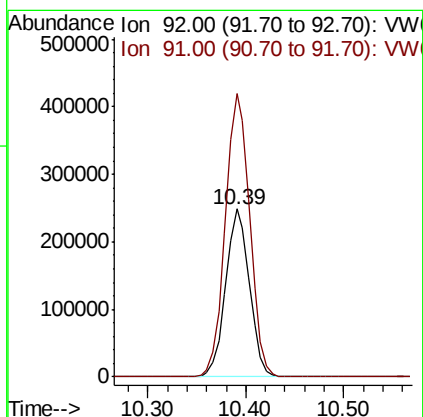
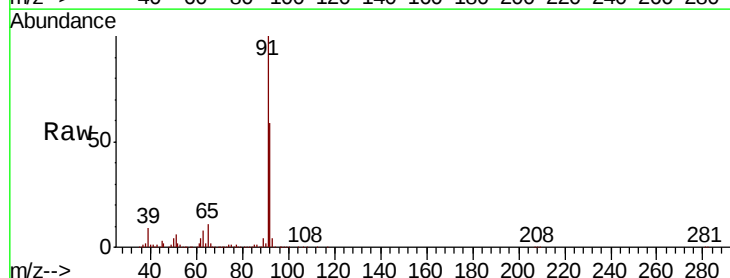
Acq: 08 Aug 2018 19:26

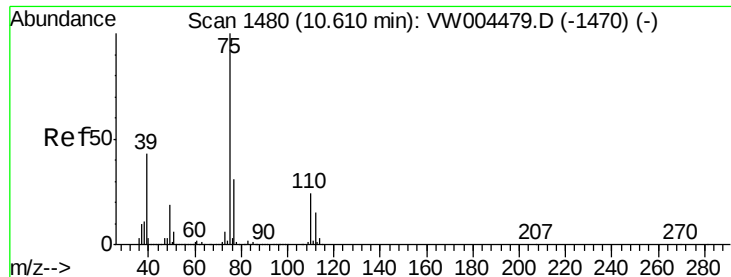
Tgt Ion: 92 Resp: 418028

Ion Ratio Lower Upper

92 100

91 172.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 20.14 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 75 Resp: 205641

Ion Ratio Lower Upper

75 100

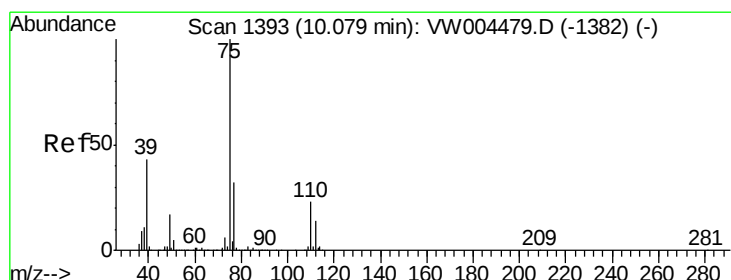
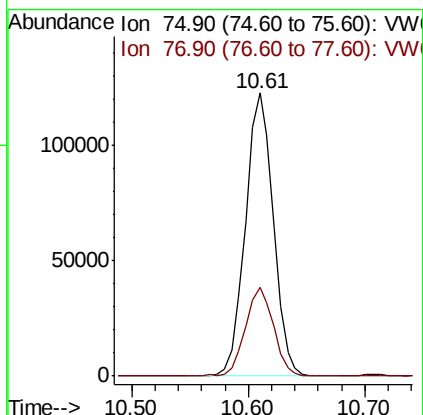
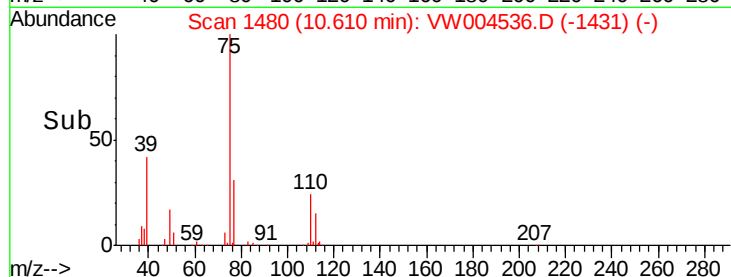
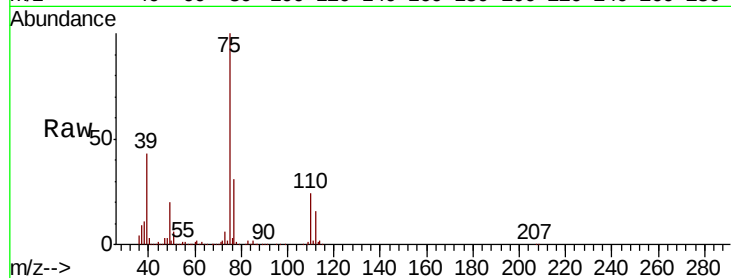
77 31.1 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 20.60 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

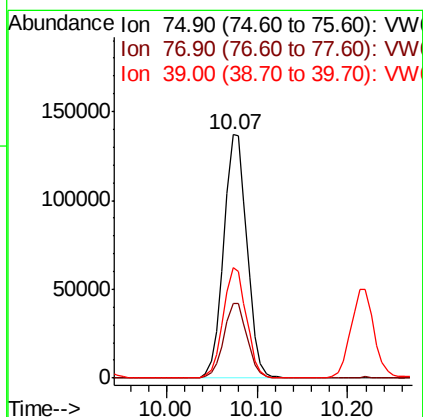
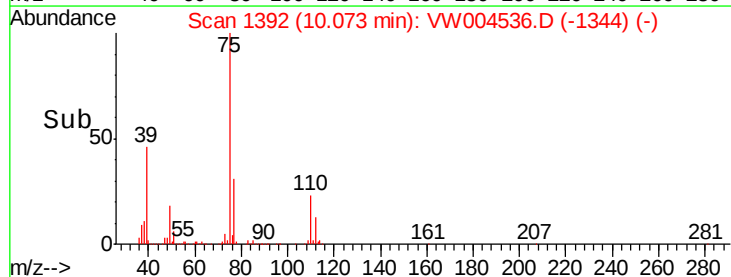
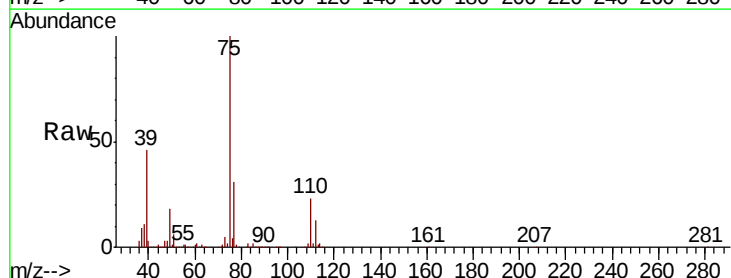
Tgt Ion: 75 Resp: 245122

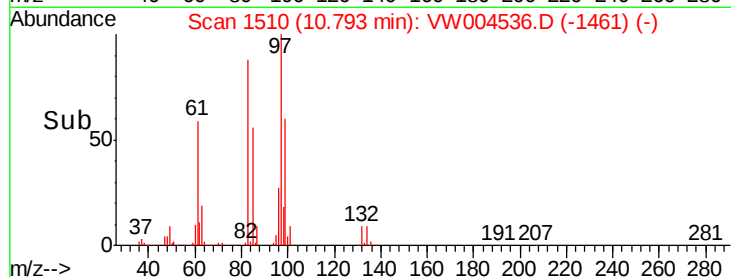
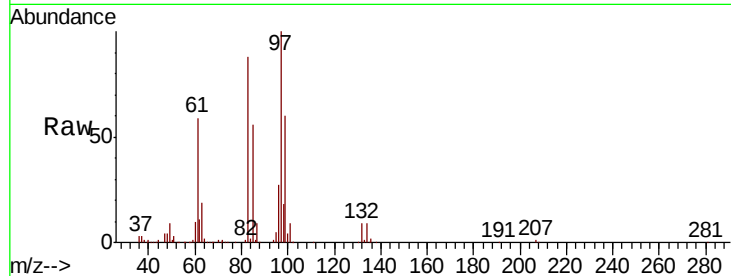
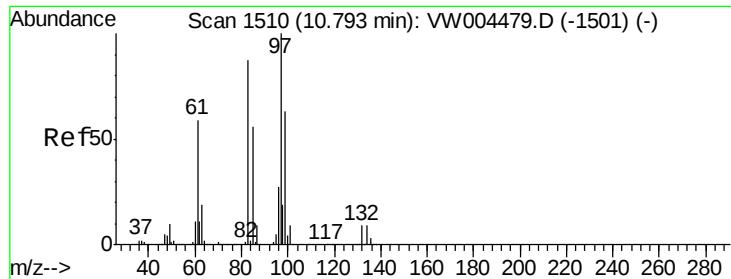
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

39 45.5 34.5 51.7





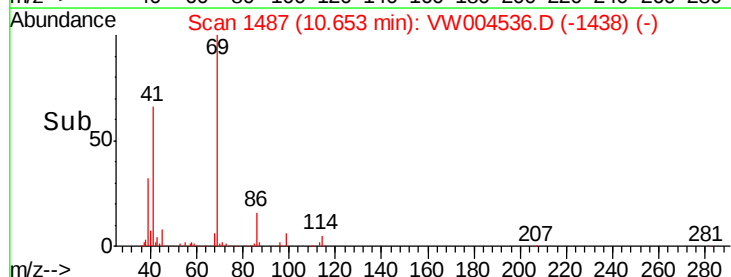
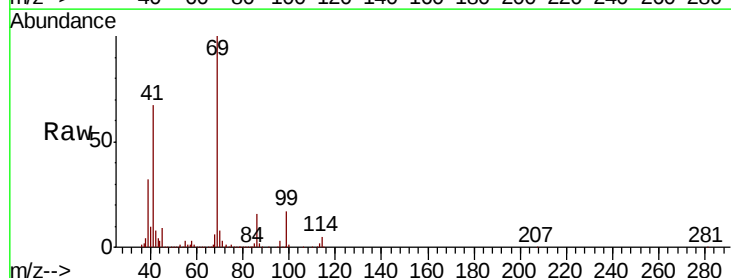
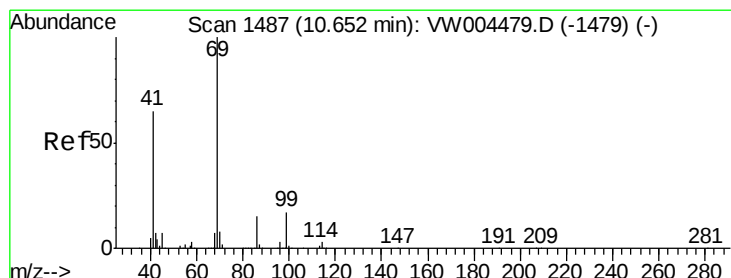
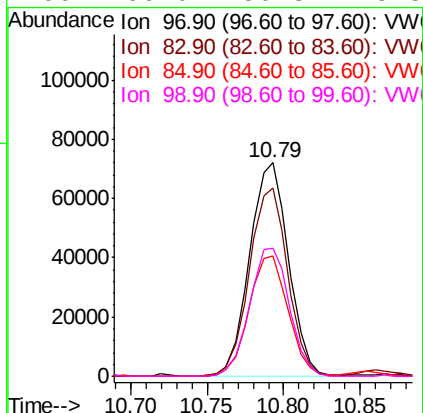
#55
1,1,2-Trichloroethane
Concen: 20.65 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tot Ion	97	Resp	127522
Ion Ratio	Lower	Upper	
97	100		
83	88.1	69.8	104.8
85	56.3	45.1	67.7
99	60.0	50.3	75.5

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

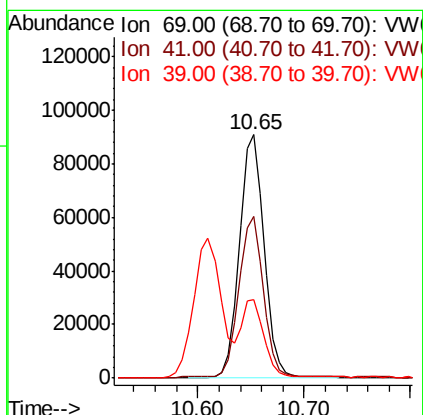
Manual Integrations
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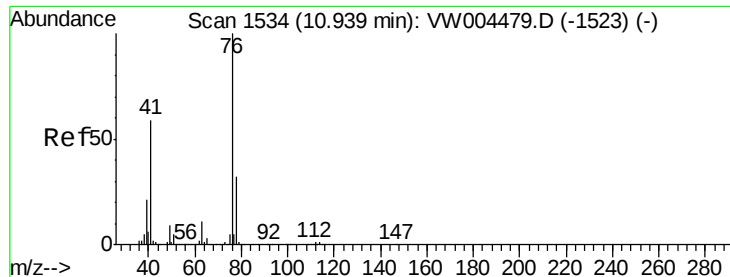
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#56
Ethyl methacrylate
Concen: 20.11 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	69	Resp	148706
Ion Ratio	Lower	Upper	
69	100		
41	65.9	52.4	78.6
39	29.0	22.7	34.1





#57

1,3-Dichloropropane

Concen: 20.54 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 76 Resp: 218584

Ion Ratio Lower Upper

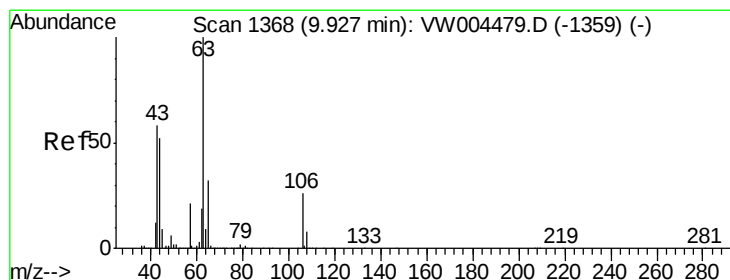
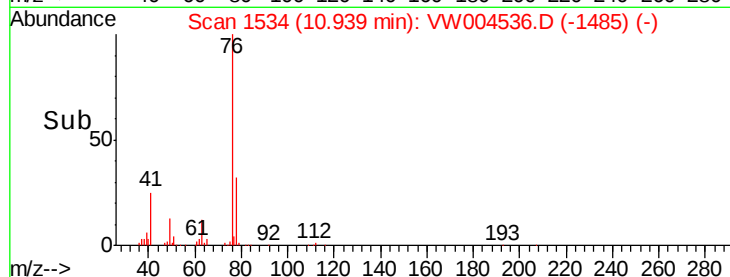
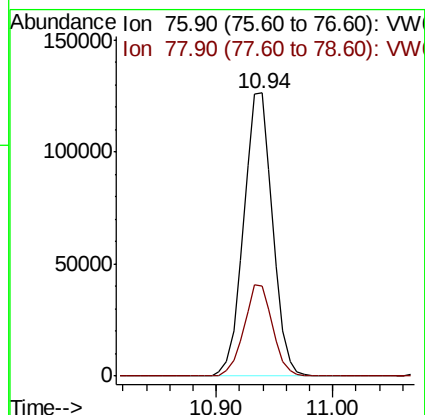
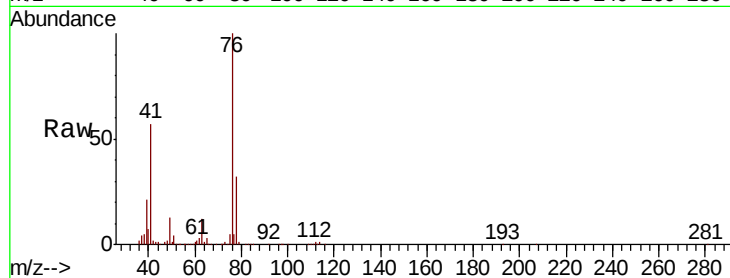
76 100

78 32.3 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 101.22 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004536.D

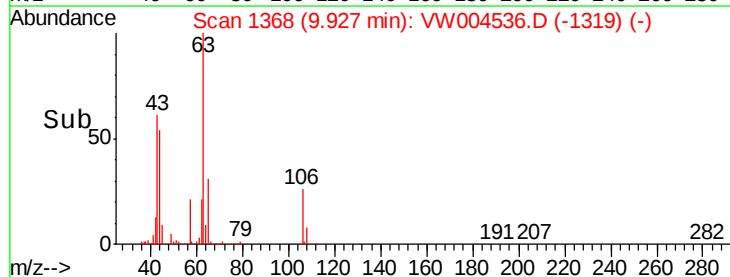
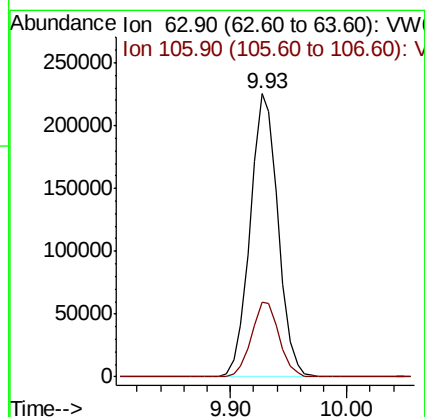
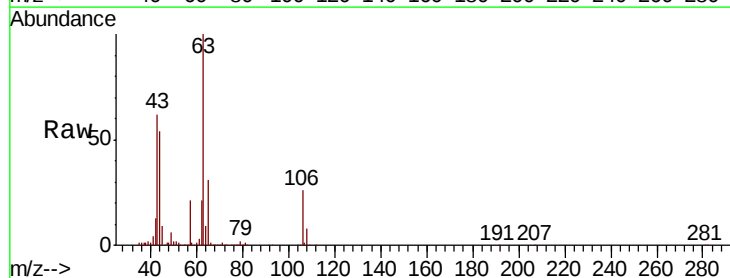
Acq: 08 Aug 2018 19:26

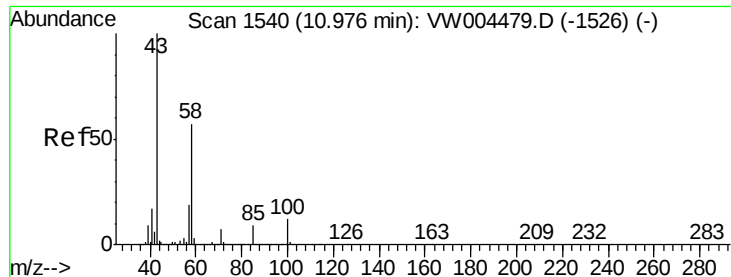
Tgt Ion: 63 Resp: 375739

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





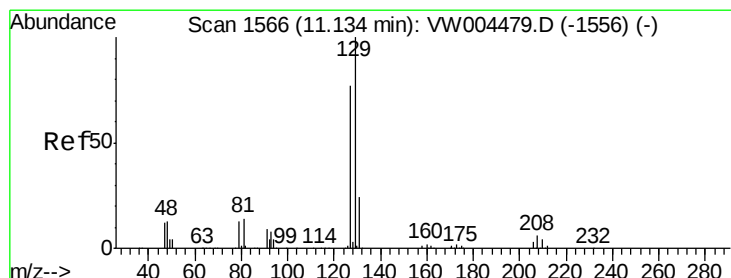
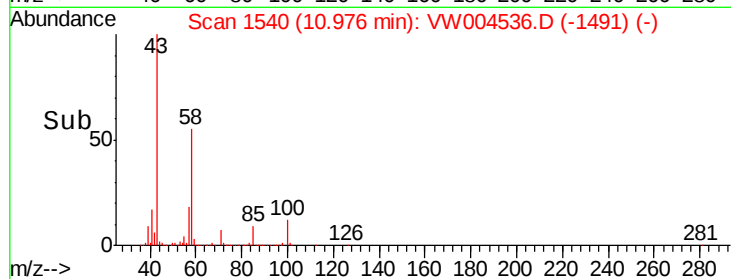
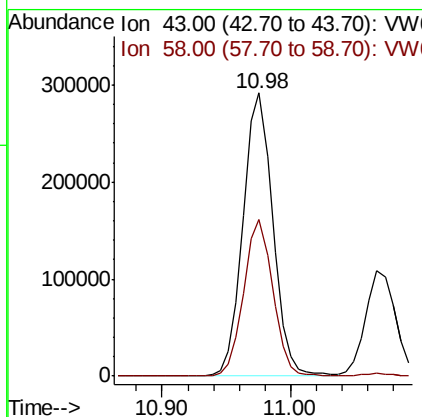
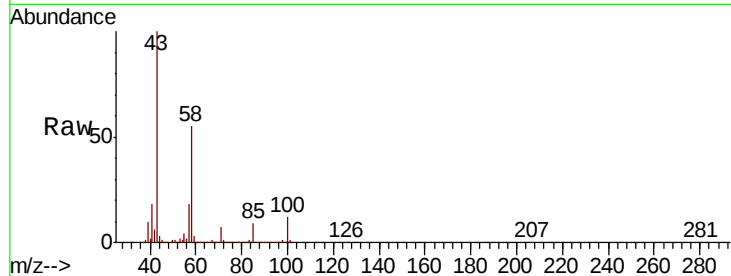
#59
2-Hexanone
Concen: 105.20 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	27.9	83.6

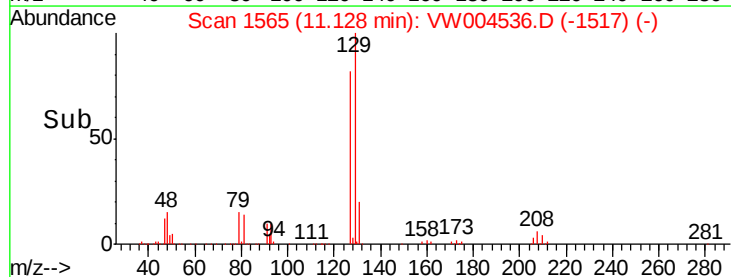
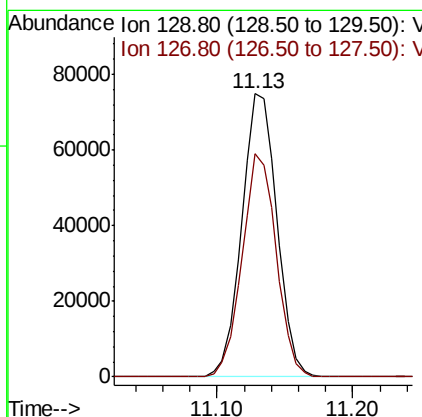
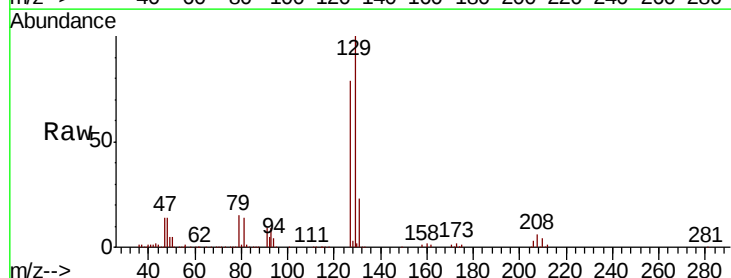
Manual Integrations
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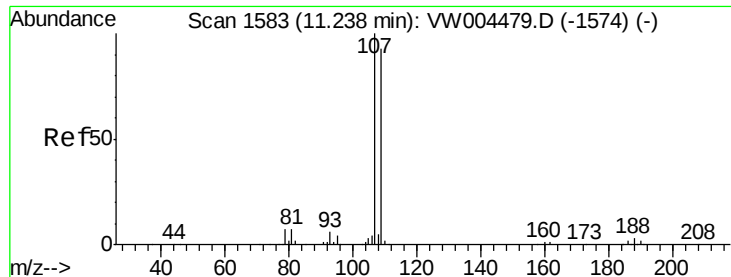
apatel
8/9/2018 10:41:18 AM



#60
Dibromochloromethane
Concen: 20.17 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.60 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

Tot Ion: 107 Resp: 119490

Ion Ratio Lower Upper

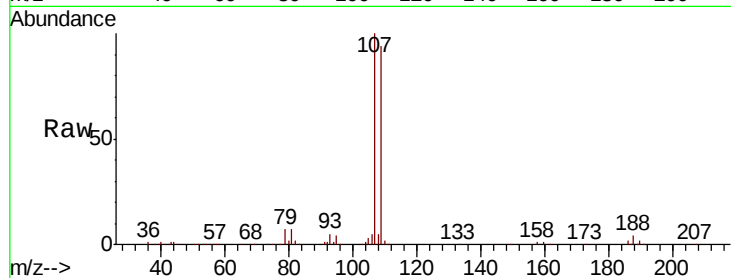
107 100

109 93.6 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

80000

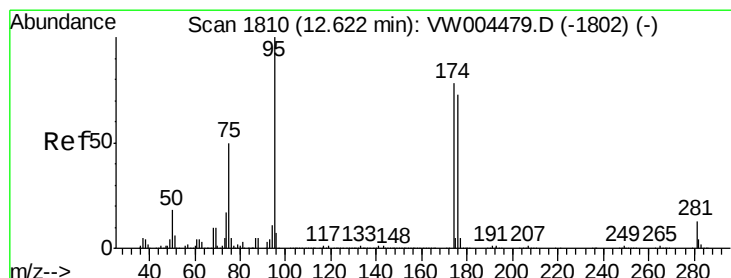
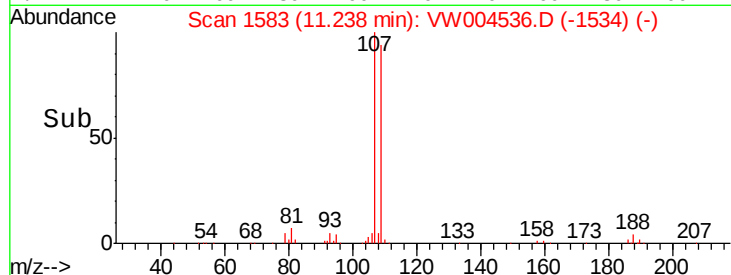
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.10 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

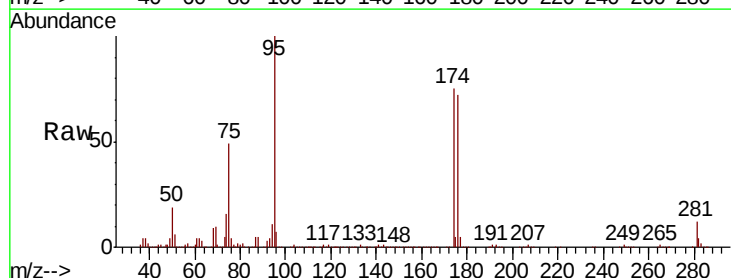
Tgt Ion: 95 Resp: 539262

Ion Ratio Lower Upper

95 100

174 79.0 0.0 160.4

176 76.4 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

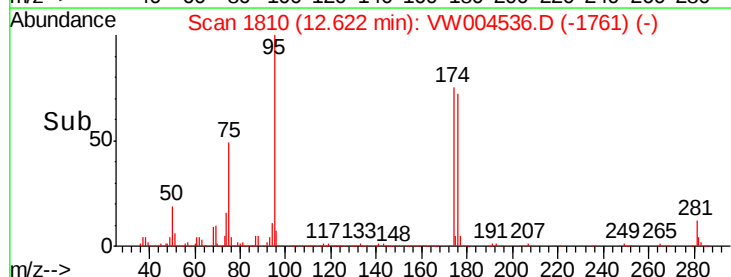
300000

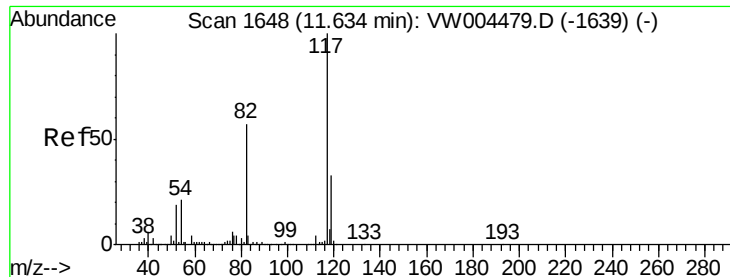
200000

100000

0

Time-->





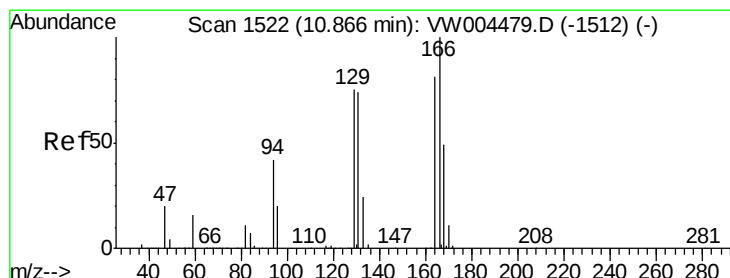
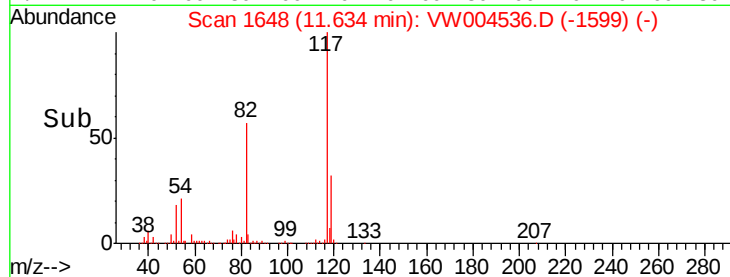
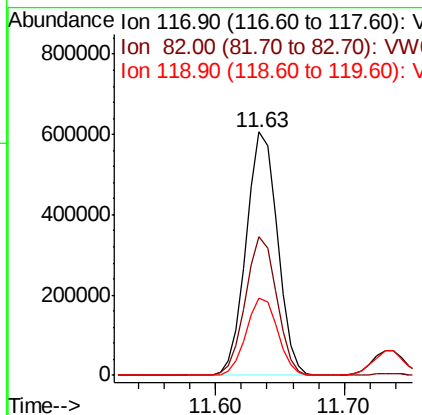
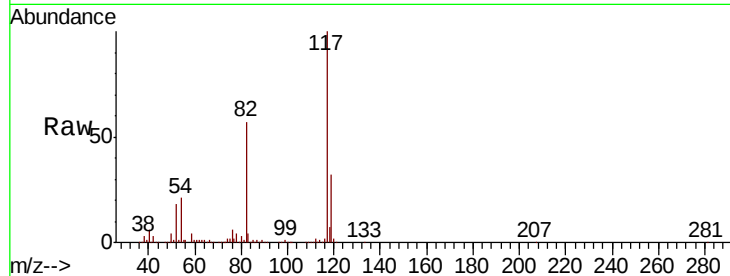
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.3	67.9
119	31.7	26.2	39.4

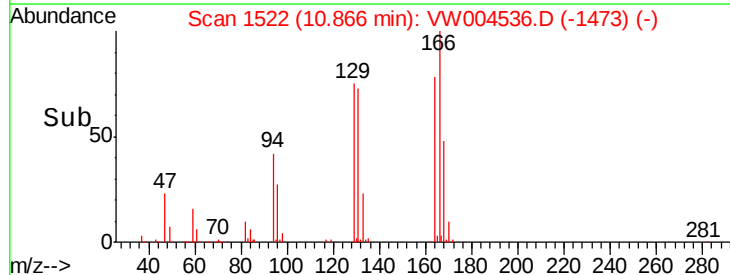
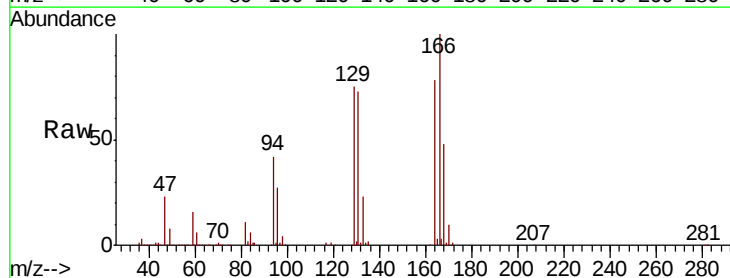
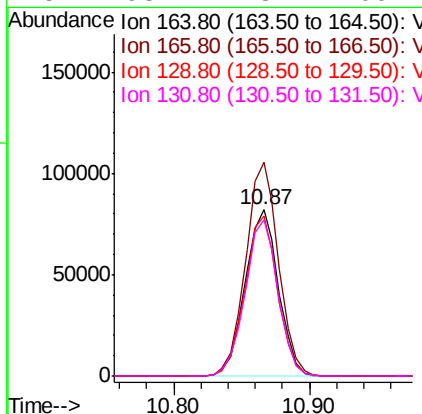
Manual Integrations
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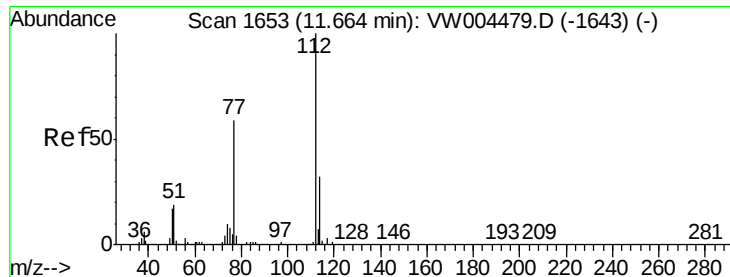
apatel
8/9/2018 10:41:18 AM



#64
Tetrachloroethene
Concen: 19.77 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	98.4	147.6
129	96.1	73.6	110.4
131	93.7	73.1	109.7





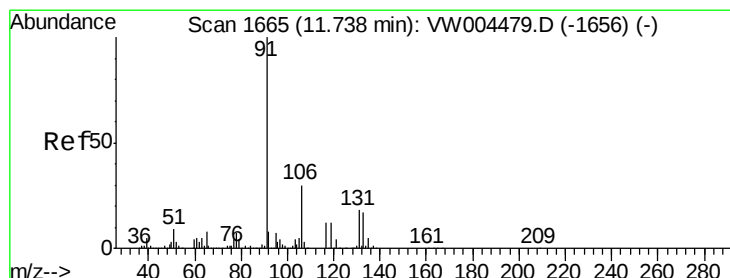
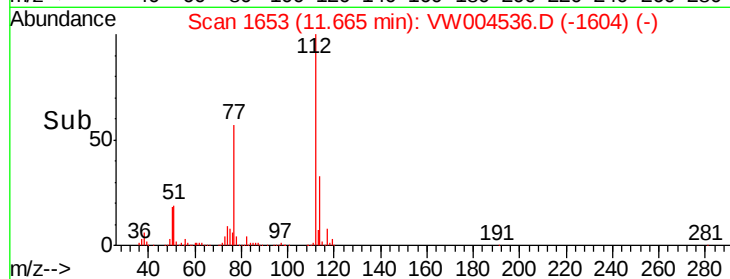
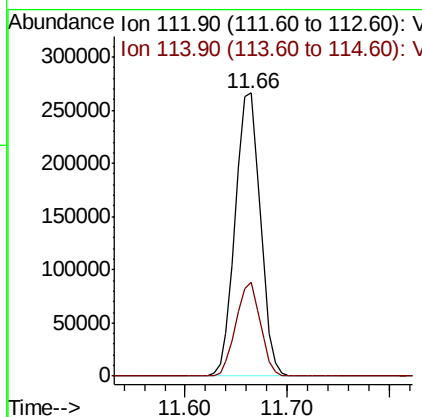
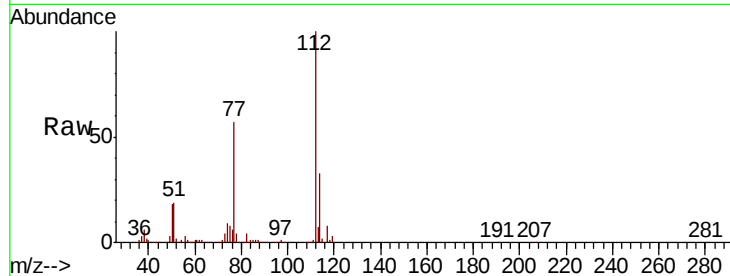
#65
Chlorobenzene
Concen: 20.18 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	451862		
114	33.2	26.0	39.0	

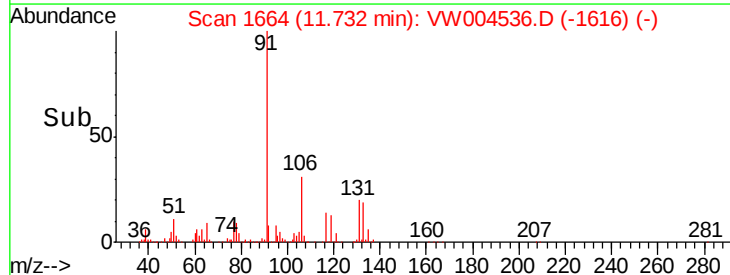
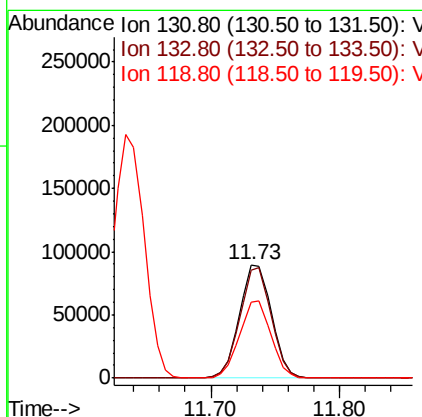
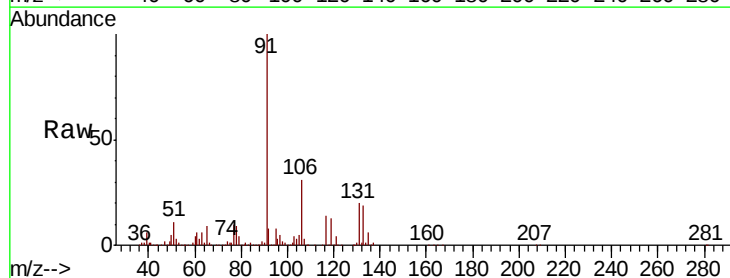
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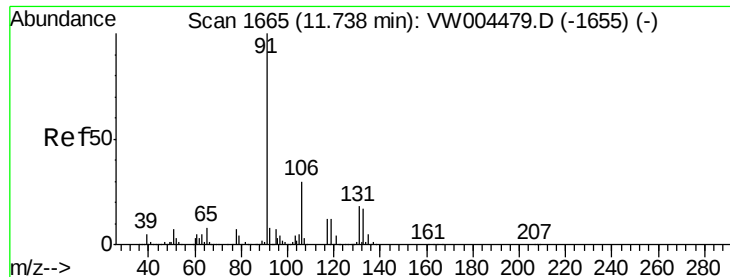
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.17 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	153771		
133	95.7	48.1	144.4	
119	67.5	33.9	101.7	





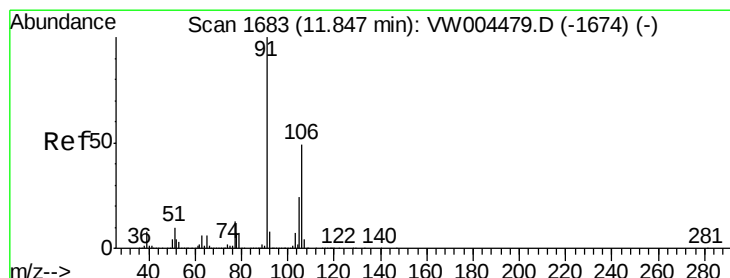
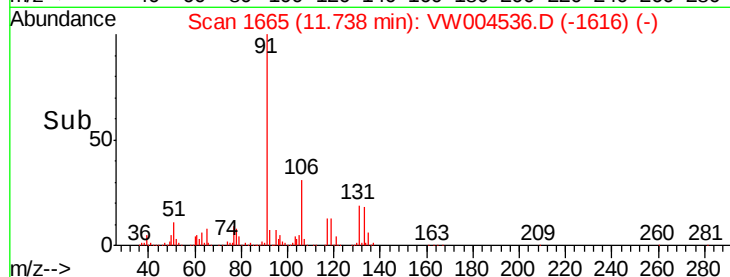
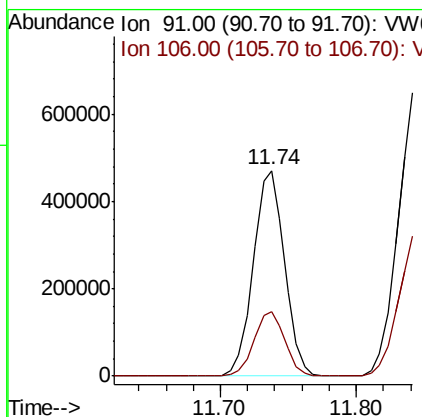
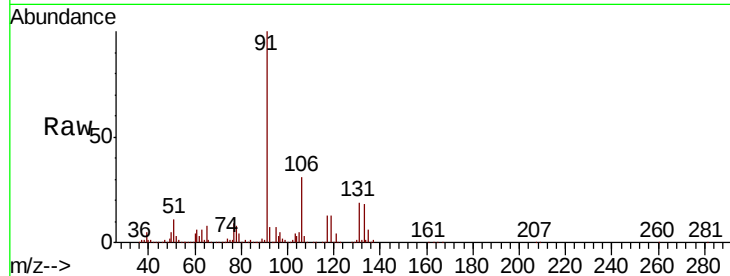
#67
Ethyl Benzene
Concen: 19.98 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.3	24.2	36.2	

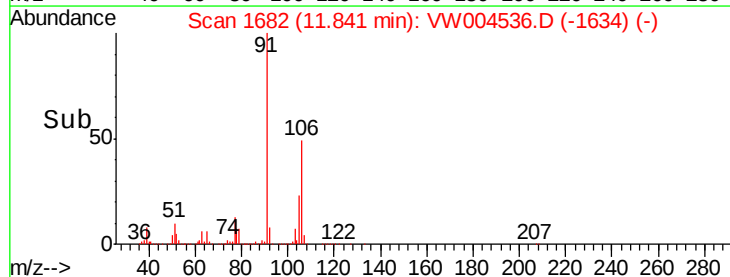
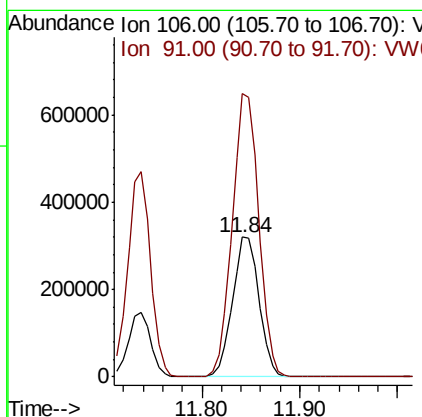
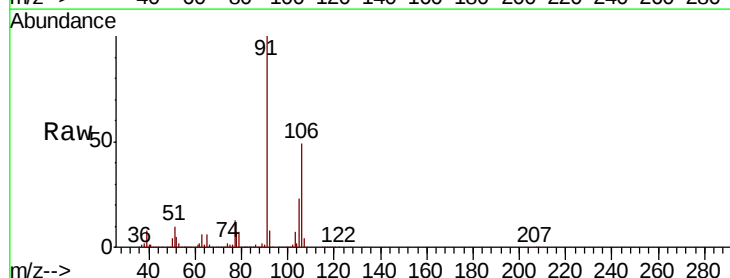
Manual Integrations
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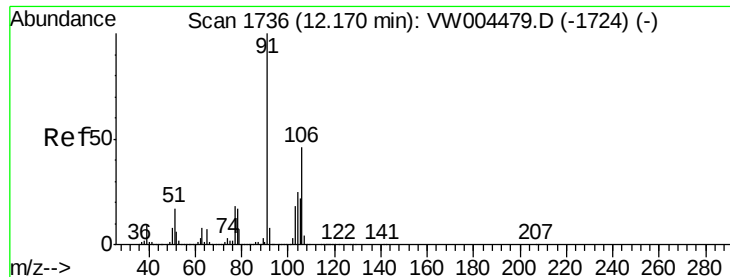
apatel
8/9/2018 10:41:18 AM



#68
m/p-Xylenes
Concen: 41.07 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	202.3	162.8	244.2	





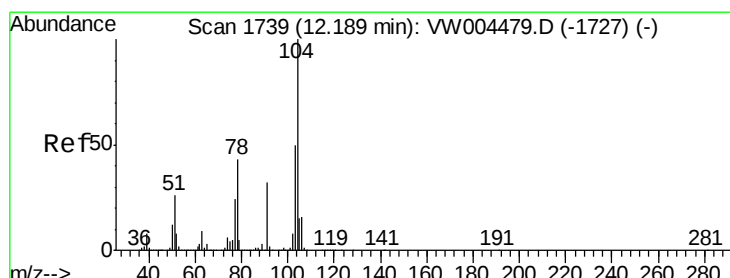
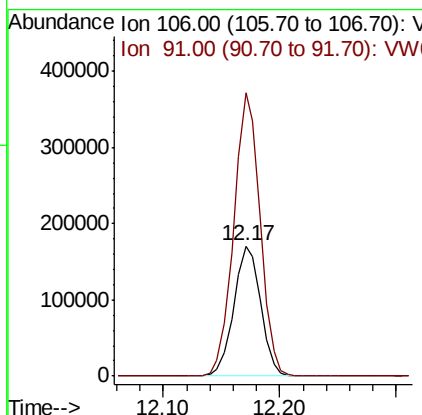
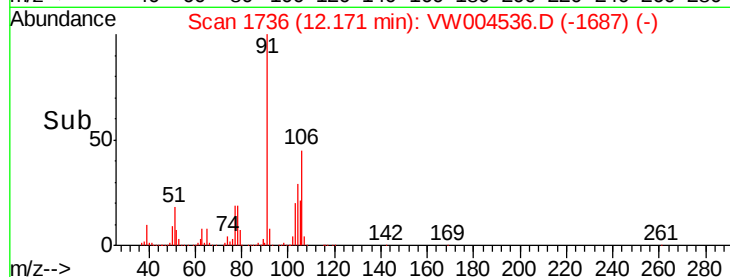
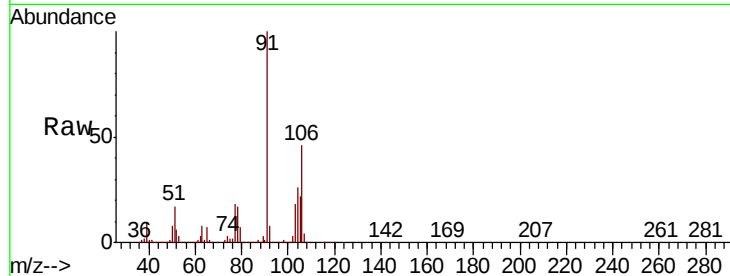
#69
o-Xylene
Concen: 20.19 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.4	106.7	320.2

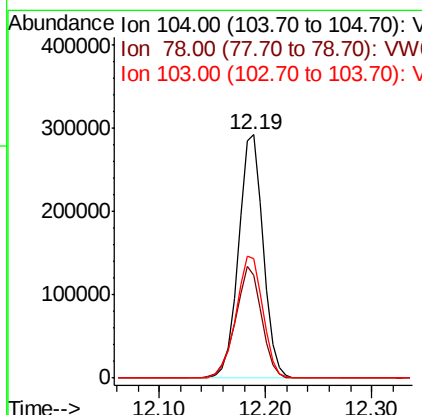
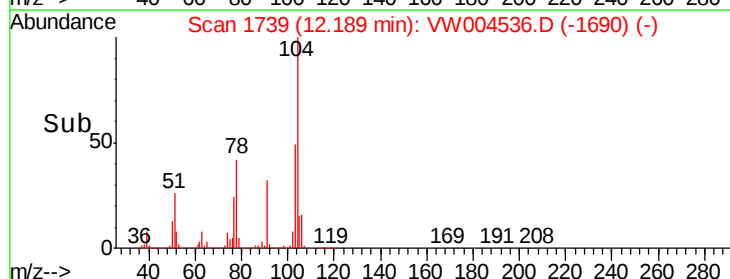
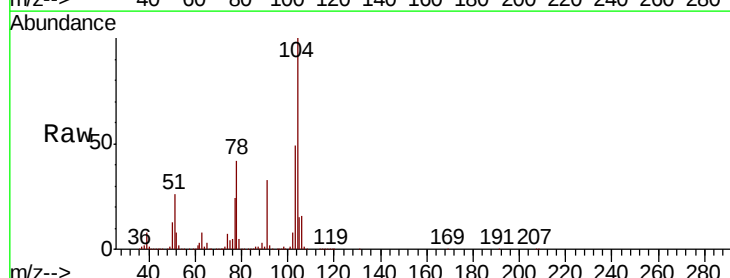
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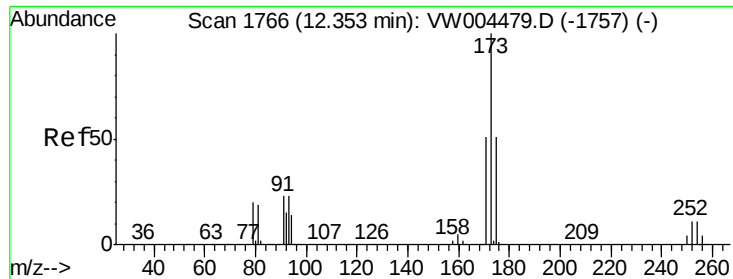
apatel
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#70
Styrene
Concen: 20.63 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	54.9	44.2	66.2





#71

Bromoform

Concen: 19.81 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

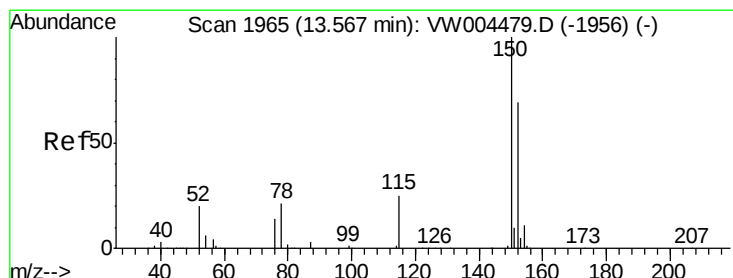
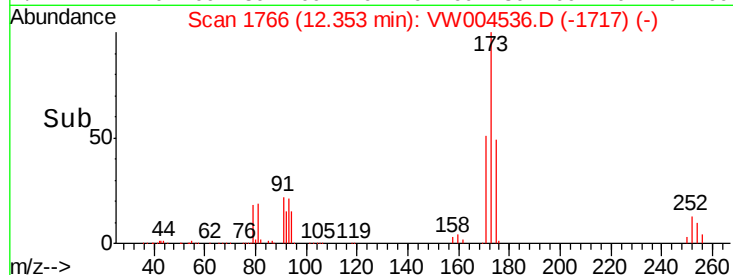
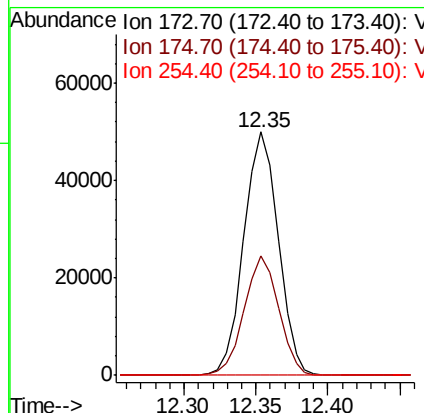
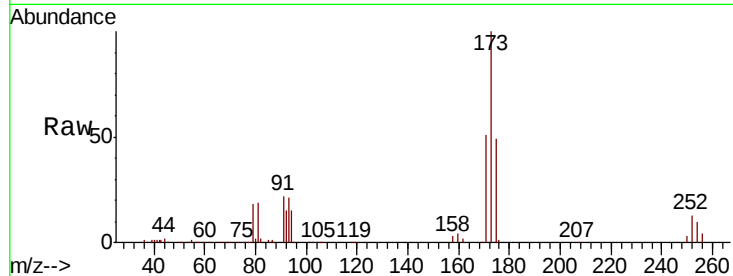
ClientSampleId :

VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

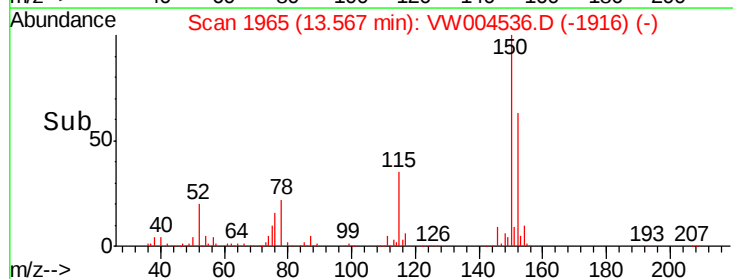
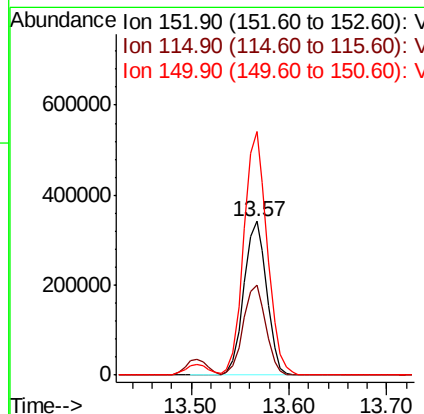
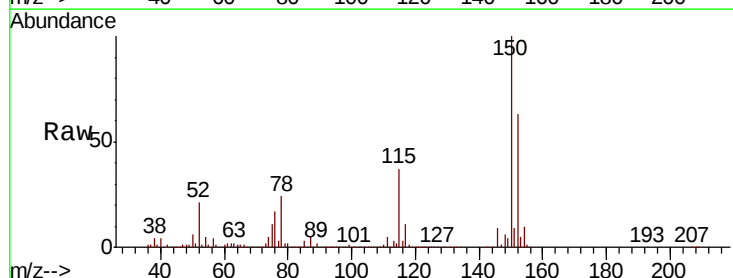
RT: 13.57 min Scan# 1965

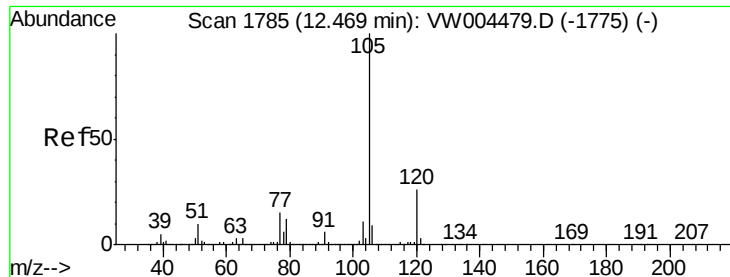
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.1	87.3
150	162.5	0.0	349.6





#73

Isopropylbenzene

Concen: 19.83 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampled :

VW0810SBSD01

Tot Ion: 105 Resp: 753884

Ion Ratio Lower Upper

105 100

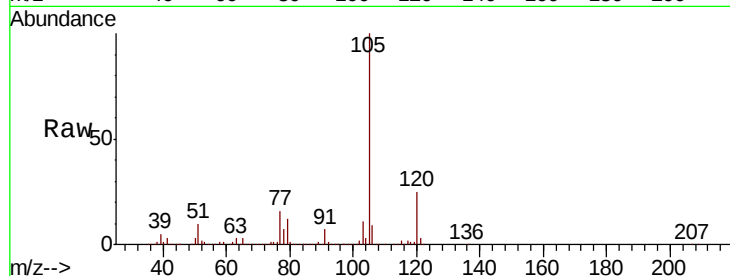
120 26.1 13.2 39.6

Manual Integrations

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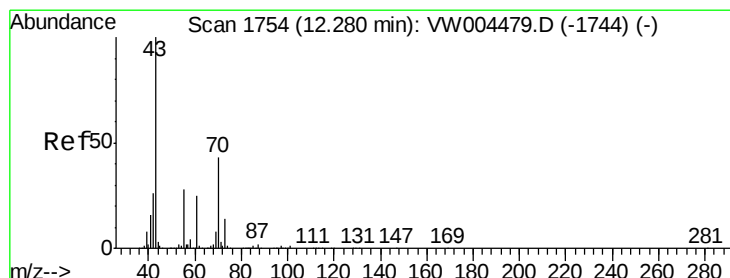
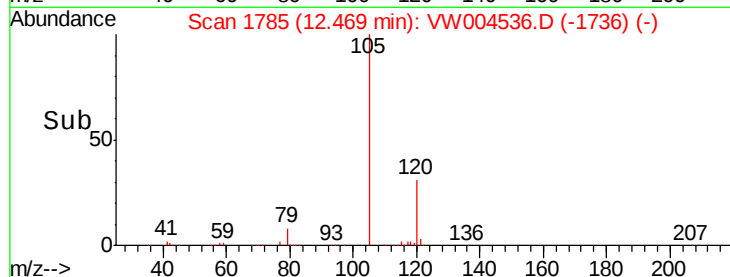
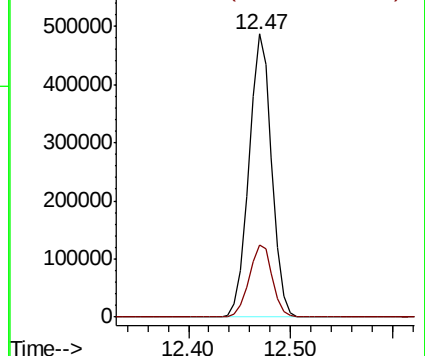
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.81 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion: 43 Resp: 182657

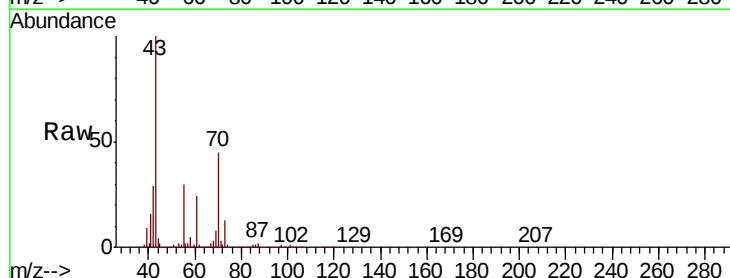
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 30.7 22.9 34.3

61 23.9 19.7 29.5

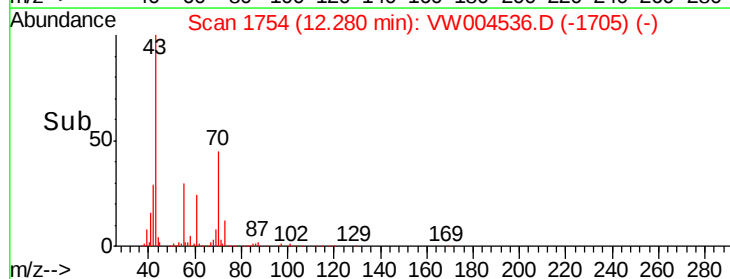
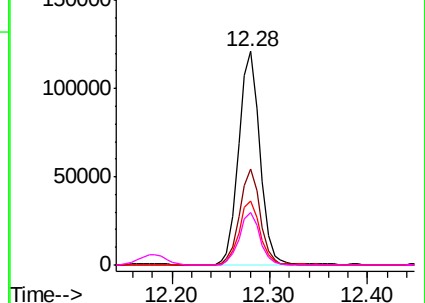


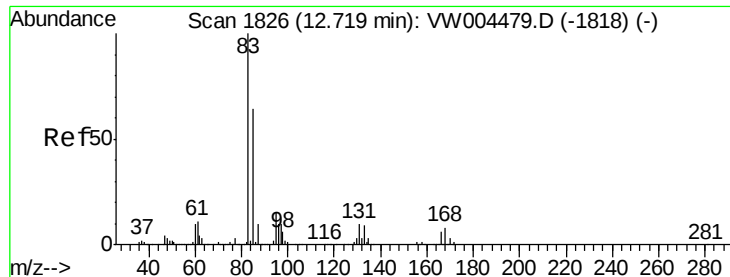
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.28 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

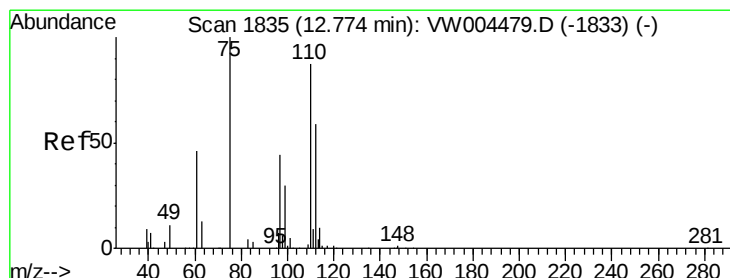
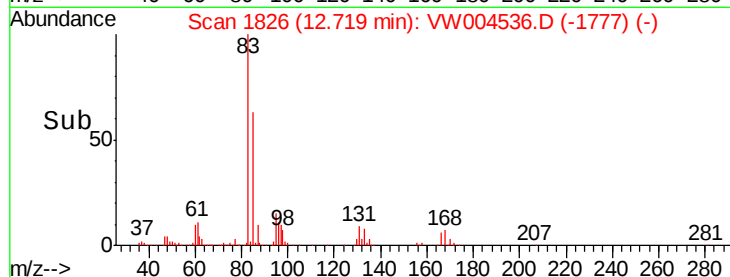
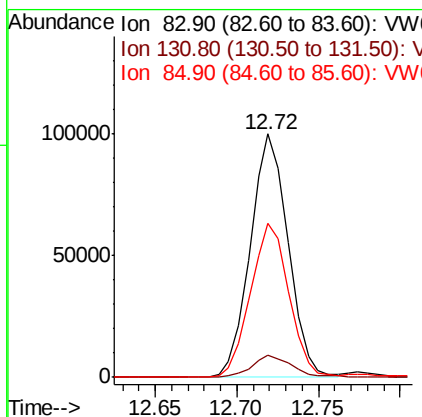
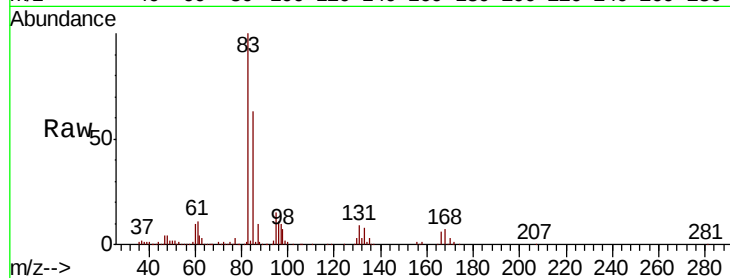
ClientSampled :

VW0810SBSD01

Tot Ion:	83	Resp:	160960
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 18.76 ug/l m

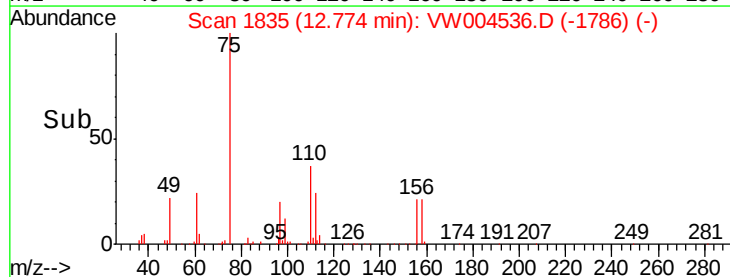
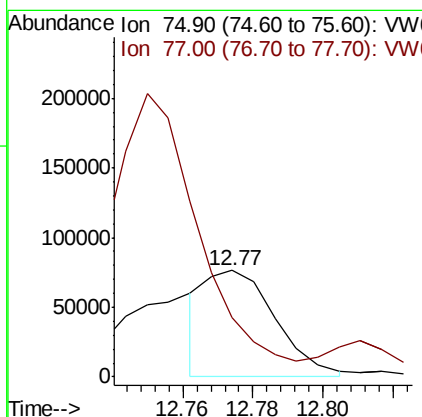
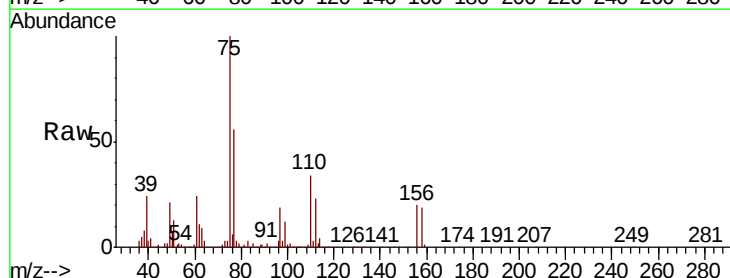
RT: 12.77 min Scan# 1835

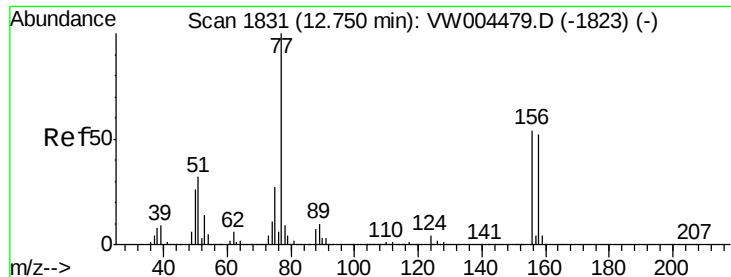
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	75	Resp:	106737
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





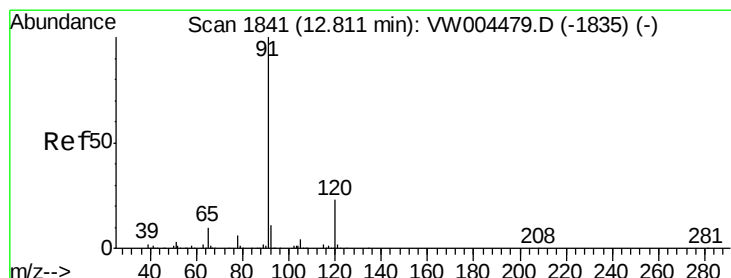
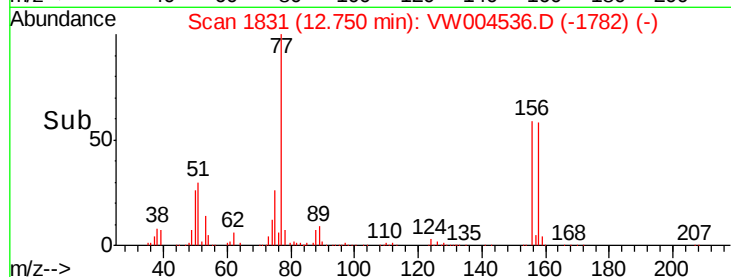
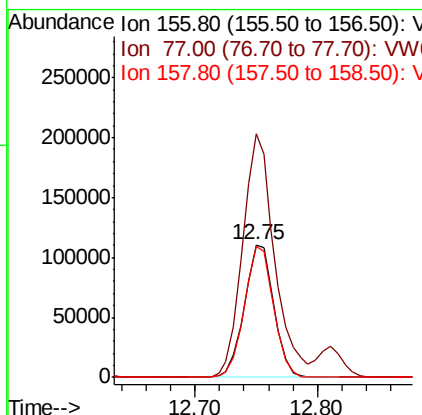
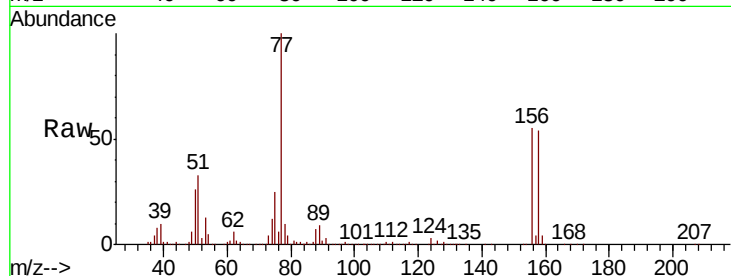
#77
Bromobenzene
Concen: 20.05 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	198.8	98.7	296.1	
158	97.7	48.7	146.1	

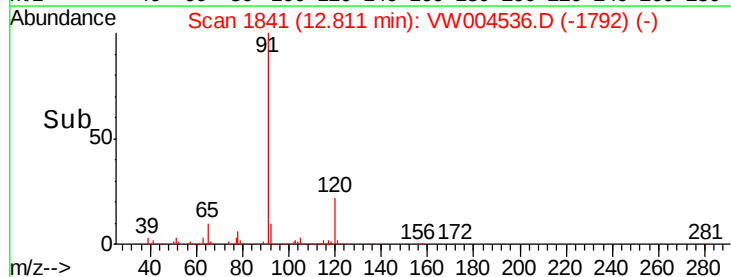
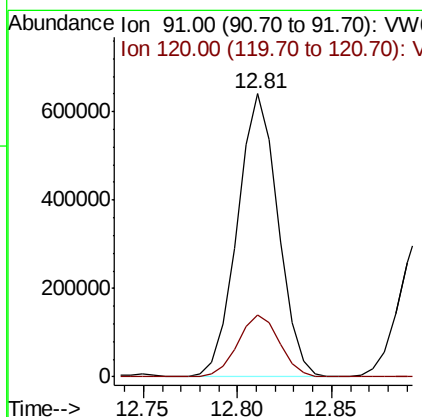
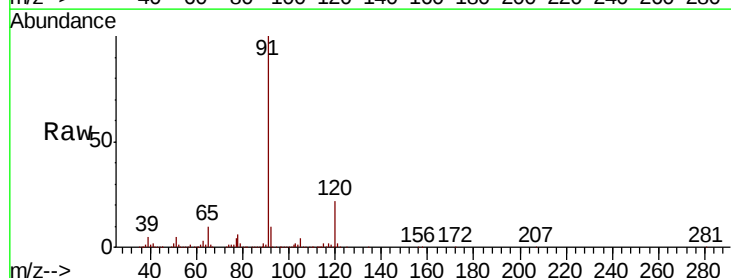
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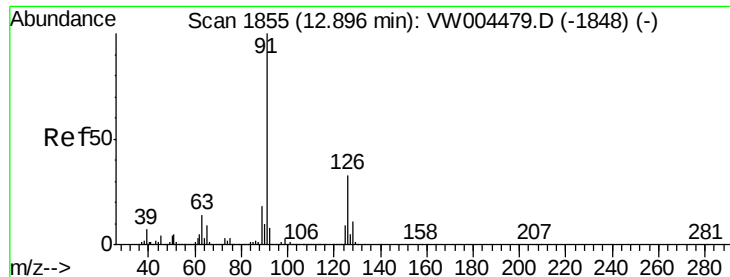
apatel
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#78
n-propylbenzene
Concen: 20.37 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.3	33.9	





#79

2-Chlorotoluene

Concen: 20.08 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

ClientSampled :

VW0810SBSD01

Tot Ion: 91 Resp: 545142

Ion Ratio Lower Upper

91 100

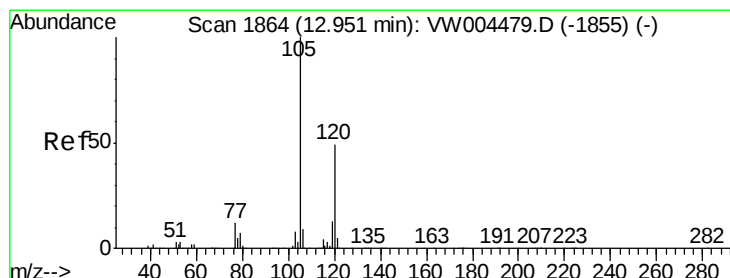
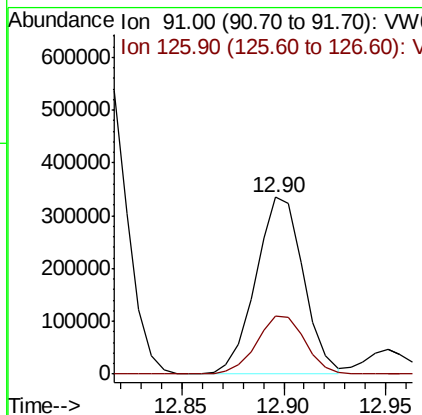
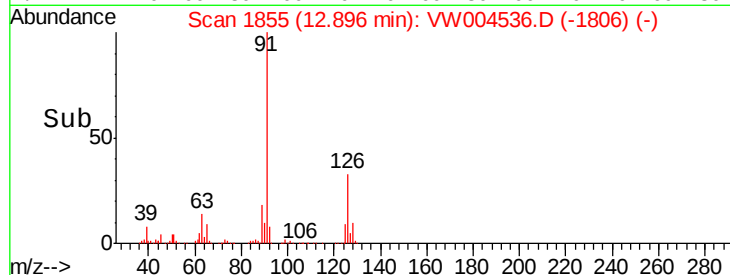
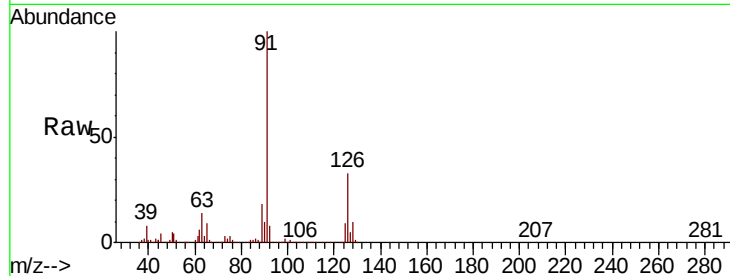
126 33.4 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.55 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004536.D

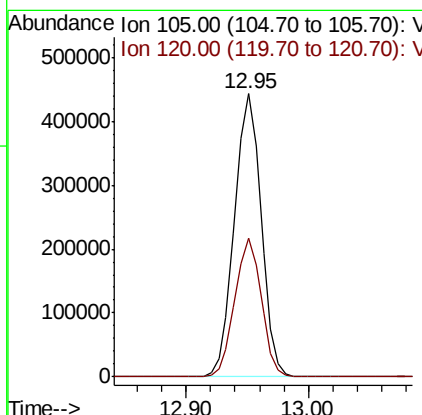
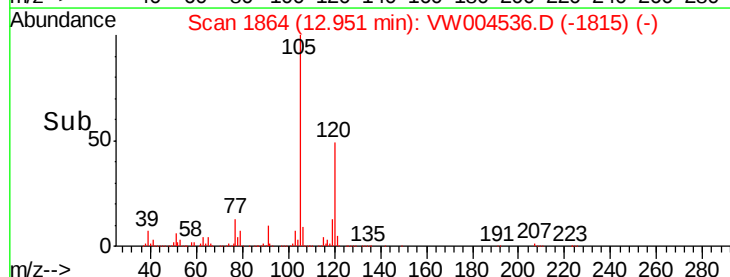
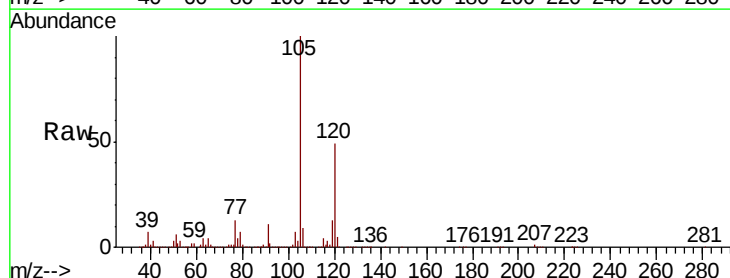
Acq: 08 Aug 2018 19:26

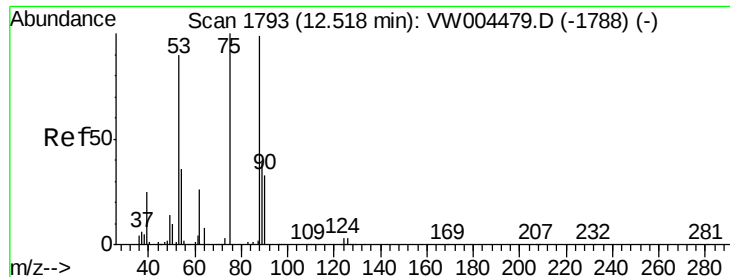
Tgt Ion: 105 Resp: 666562

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.15 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

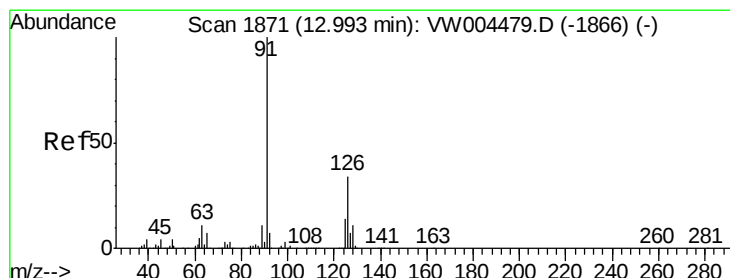
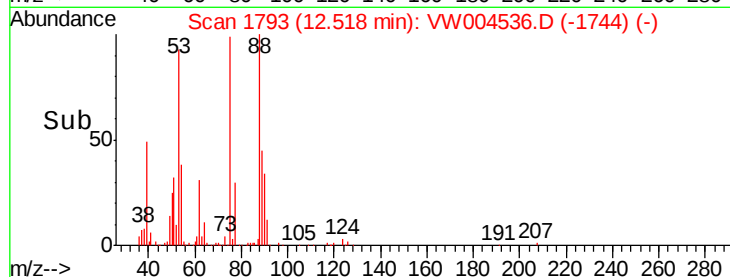
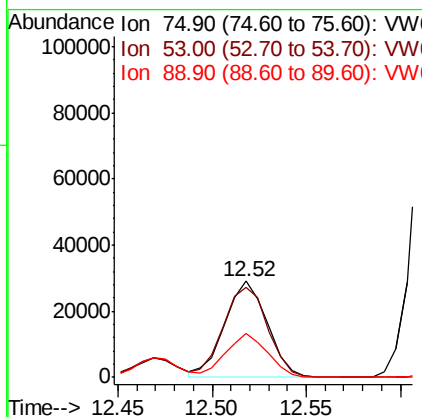
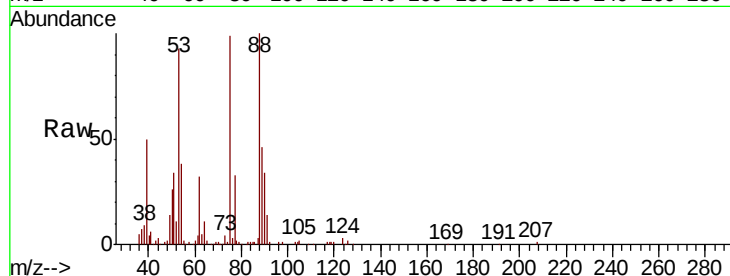
ClientSampleId :

VW0810SBSD01

Tot Ion:	75	Resp:	45507
Ion Ratio	Lower	Upper	
75	100		
53	98.1	74.4	111.6
89	44.4	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.57 ug/l

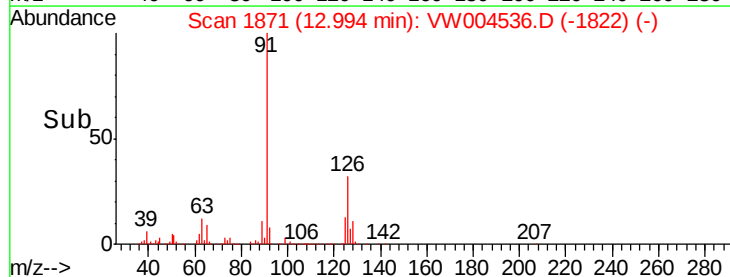
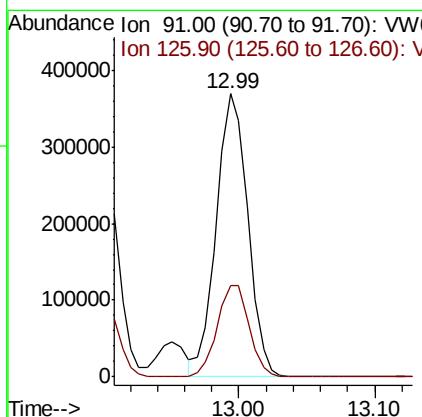
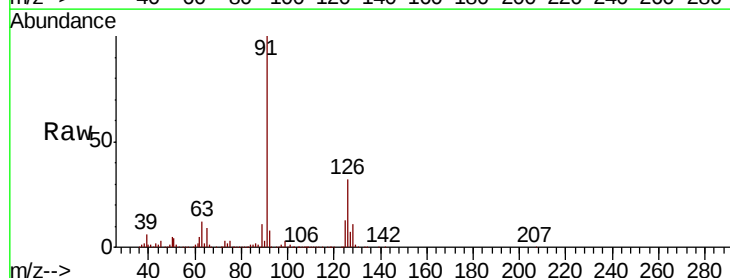
RT: 12.99 min Scan# 1871

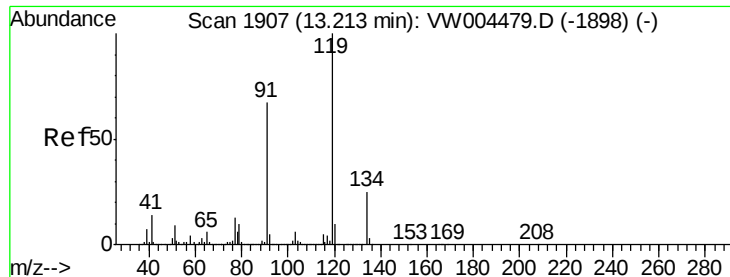
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	91	Resp:	592624
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.5	49.5





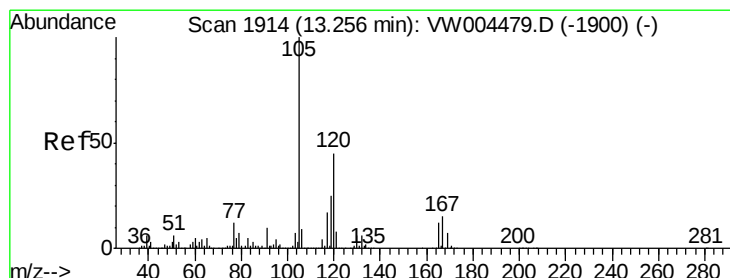
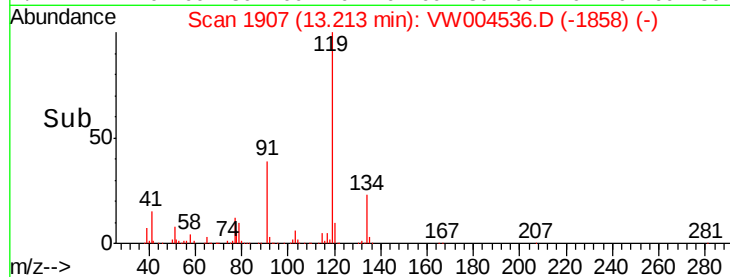
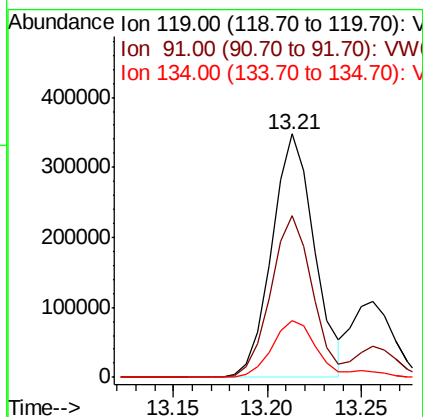
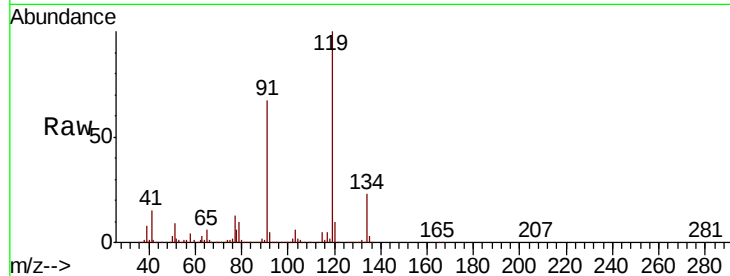
#83
 tert-Butylbenzene
 Concen: 19.99 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tot Ion:	119	Resp:	543848
Ion Ratio	Lower	Upper	
119	100		
91	64.6	33.3	99.8
134	24.1	12.2	36.6

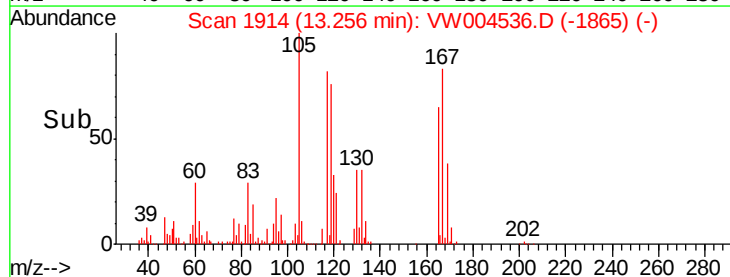
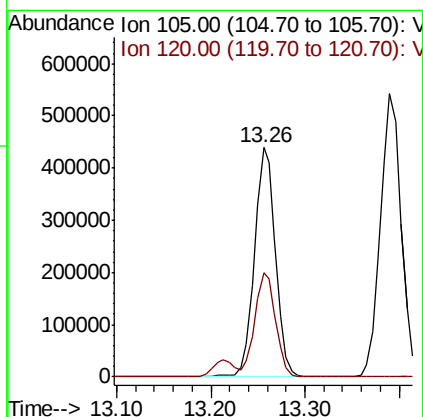
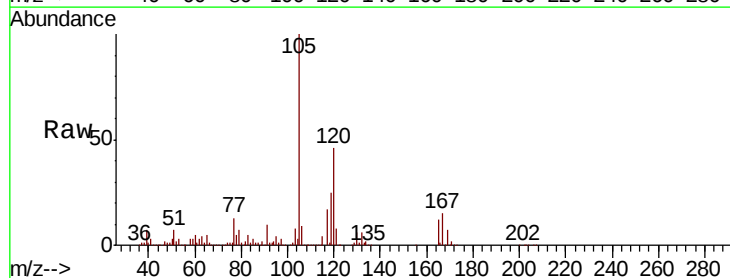
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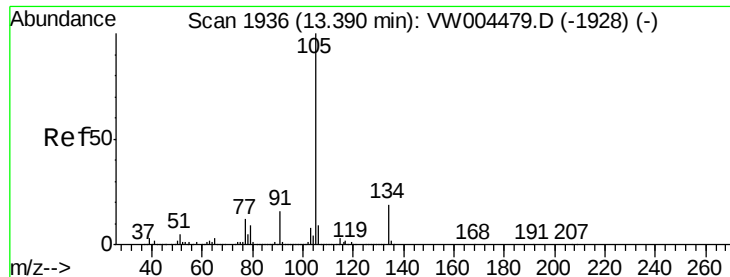
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.56 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion:	105	Resp:	690350
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.6	67.8





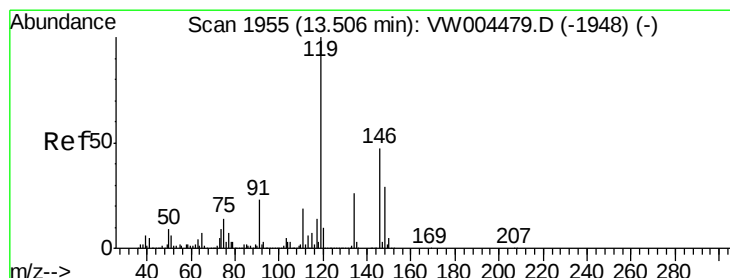
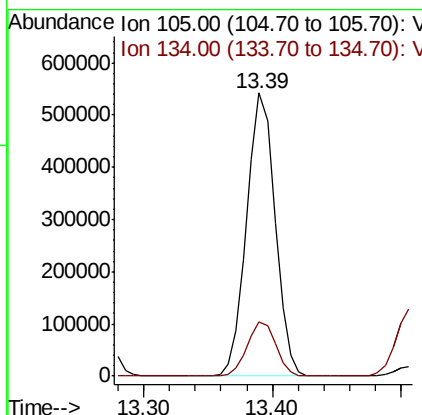
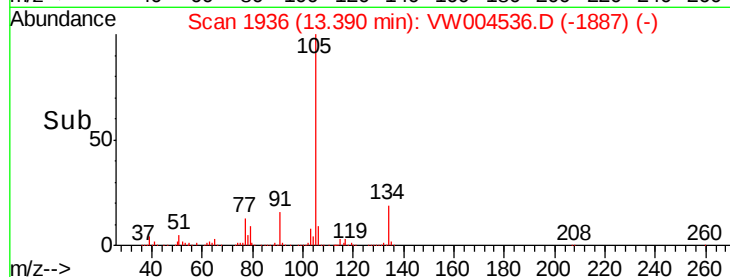
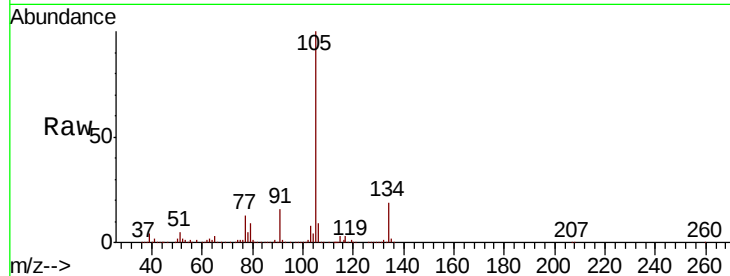
#85
 sec-Butylbenzene
 Concen: 20.13 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

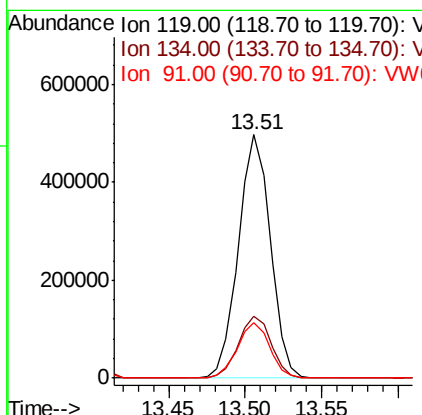
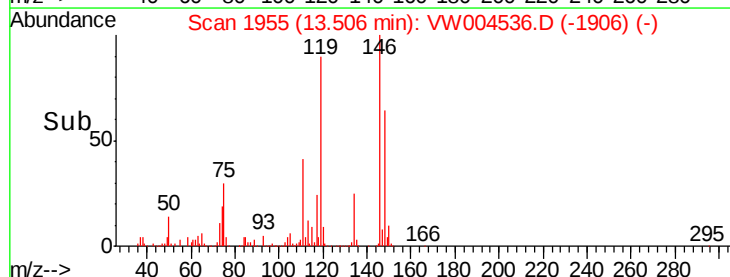
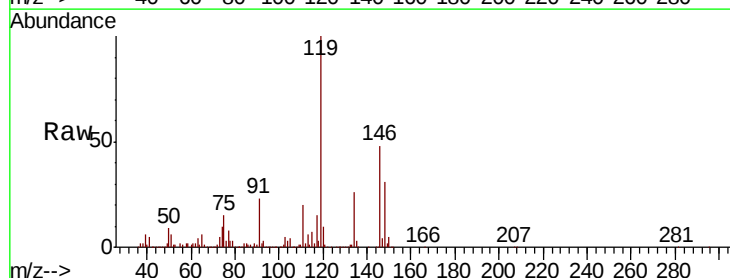
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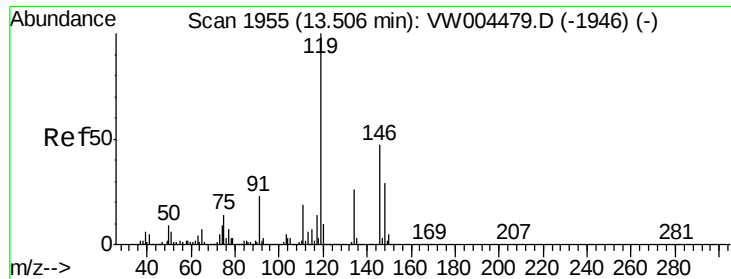
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#86
 p-Isopropyltoluene
 Concen: 20.30 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.8	11.4	34.1





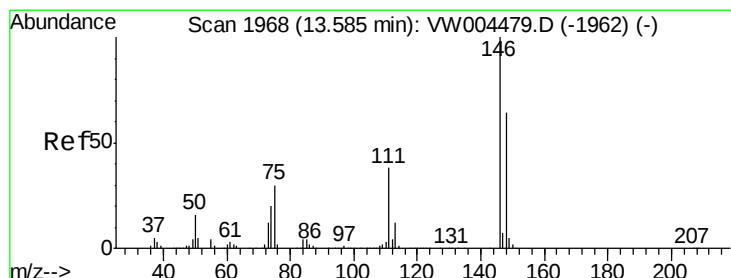
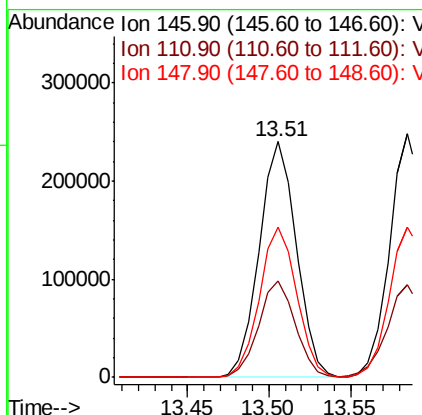
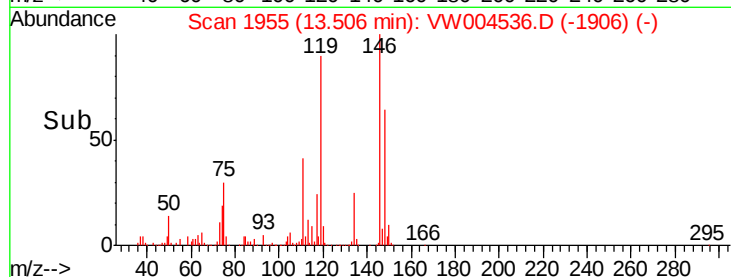
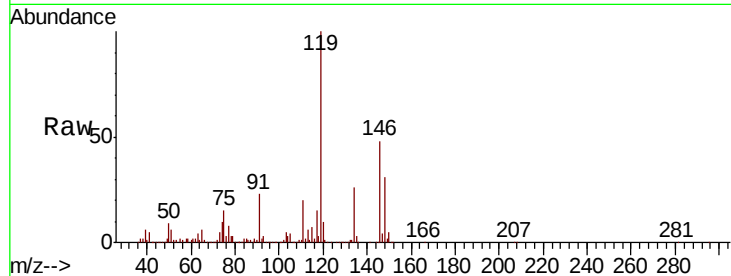
#87
 1,3-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	63.7	31.7	95.1

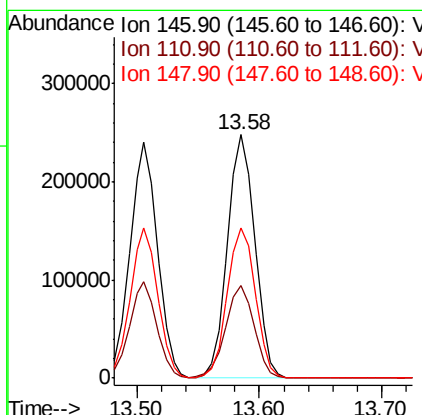
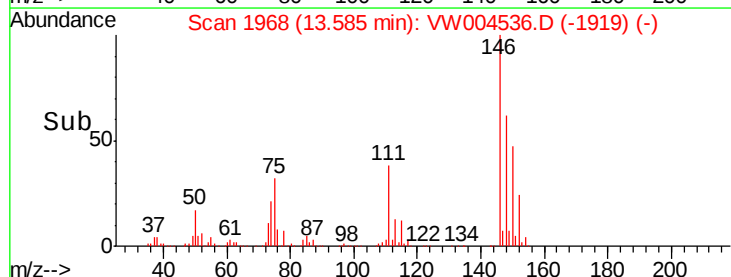
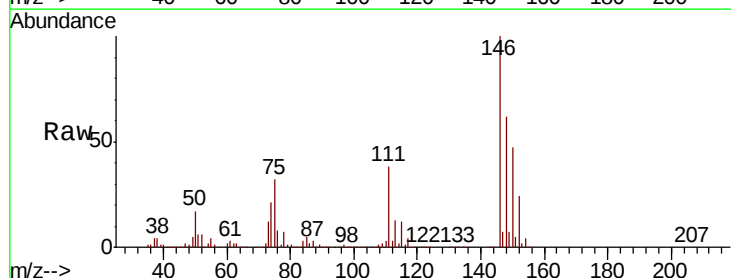
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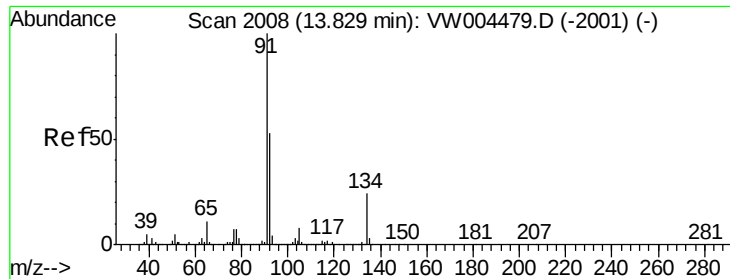
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.31 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	63.6	31.9	95.5





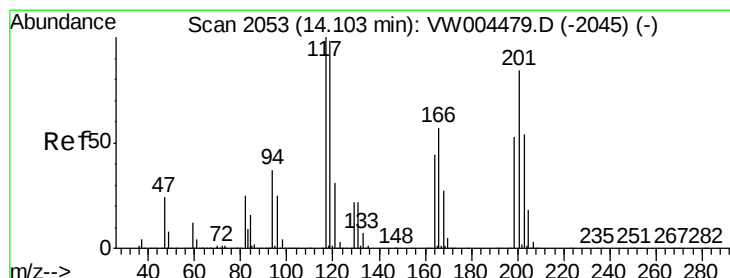
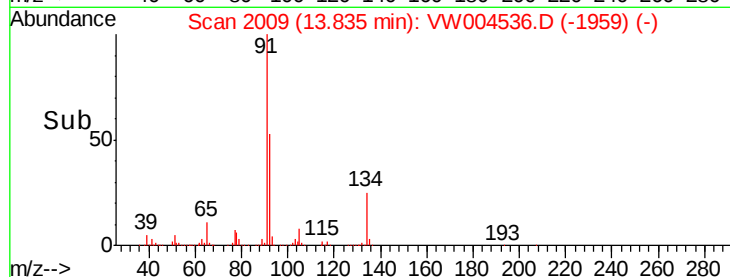
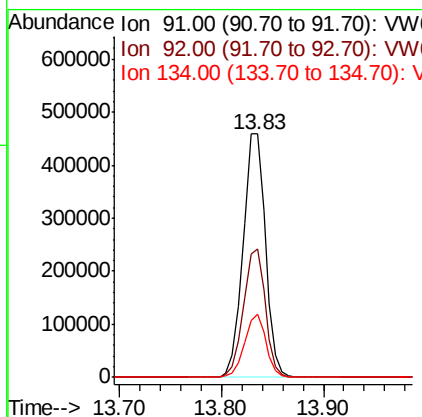
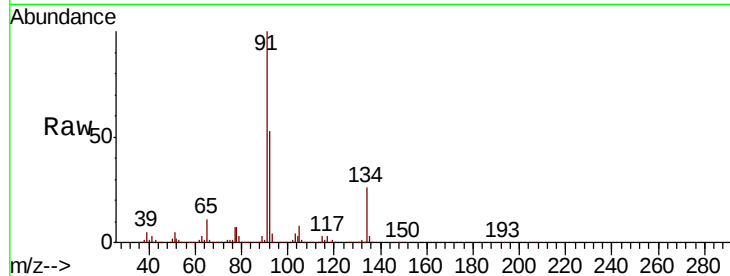
#89
n-Butylbenzene
Concen: 19.90 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.0
134	24.9	12.4	37.2

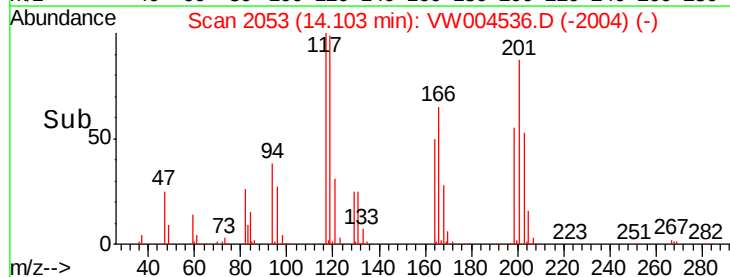
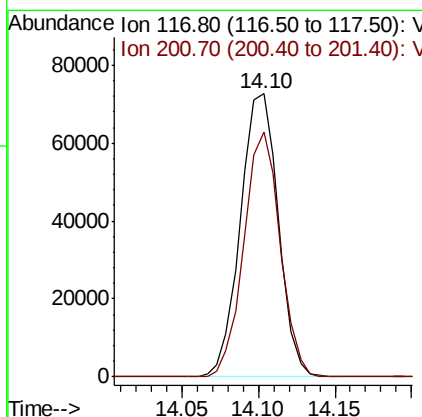
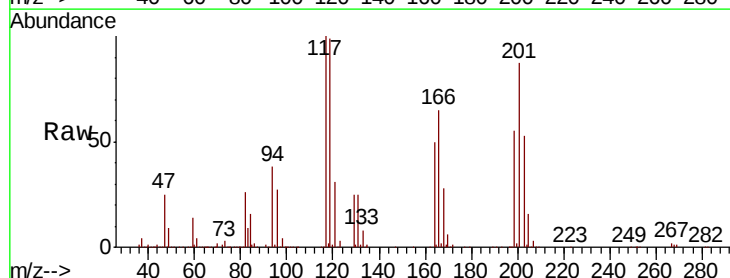
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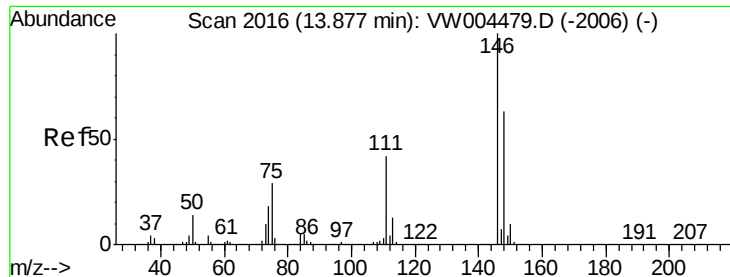
apatel
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#90
Hexachloroethane
Concen: 19.08 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 20.23 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Instrument :

MSVOA_W

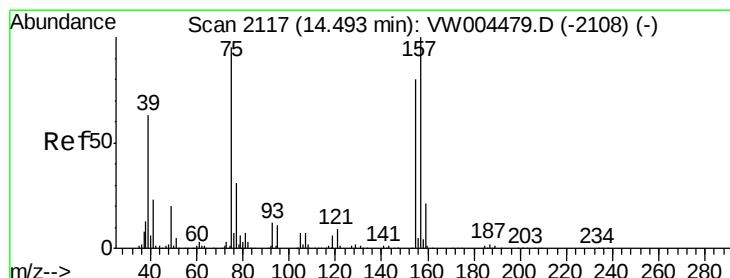
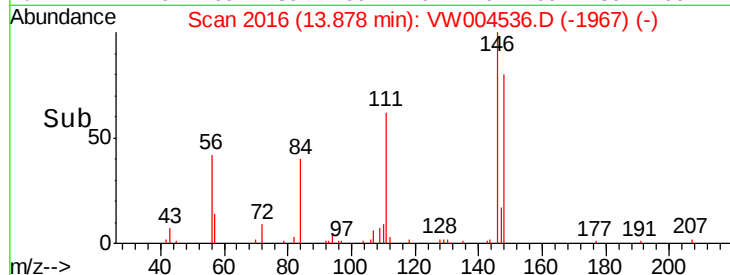
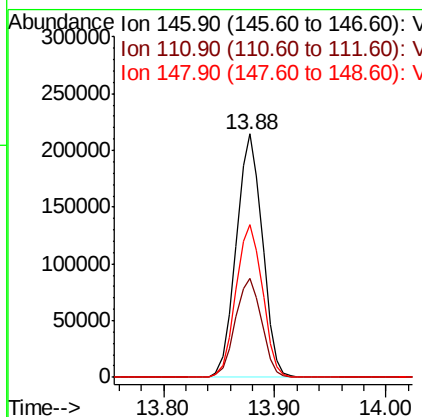
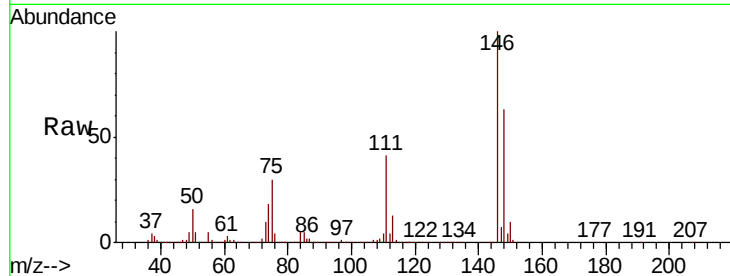
ClientSampleId :

VW0810SBS01

Tot Ion:	146	Resp:	347848
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.8	62.2
148	63.6	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.13 ug/l

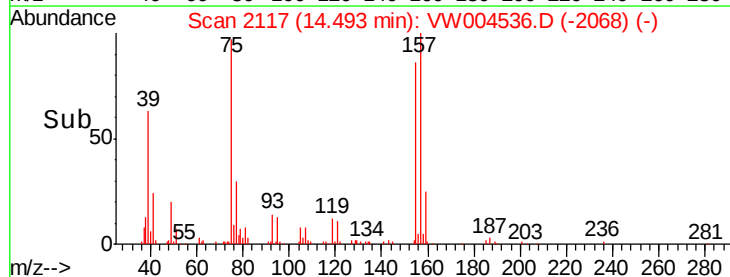
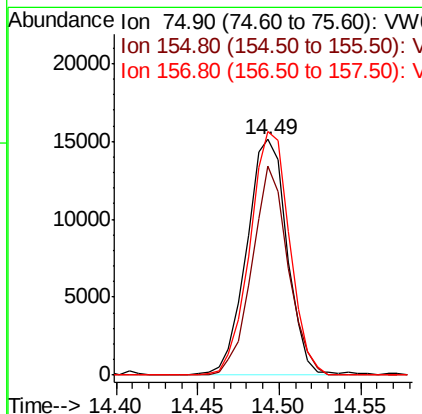
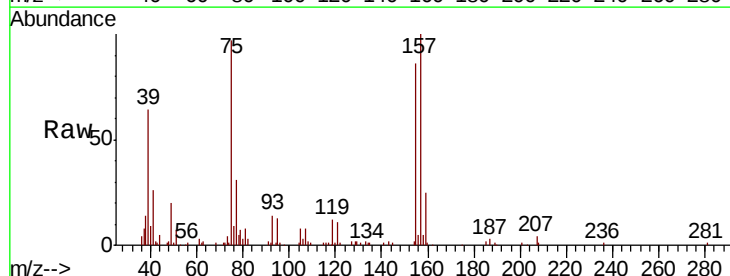
RT: 14.49 min Scan# 2117

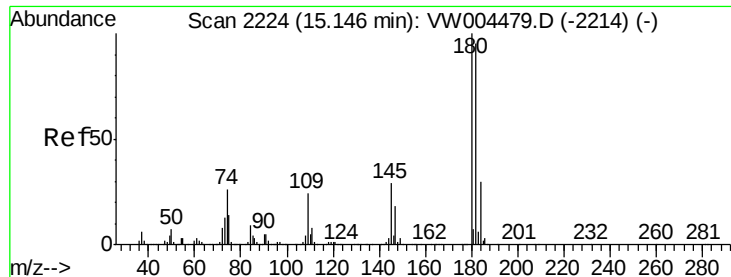
Delta R.T. 0.00 min

Lab File: VW004536.D

Acq: 08 Aug 2018 19:26

Tgt Ion:	75	Resp:	26106
Ion Ratio	Lower	Upper	
75	100		
155	79.2	41.3	123.7
157	101.1	52.6	157.8





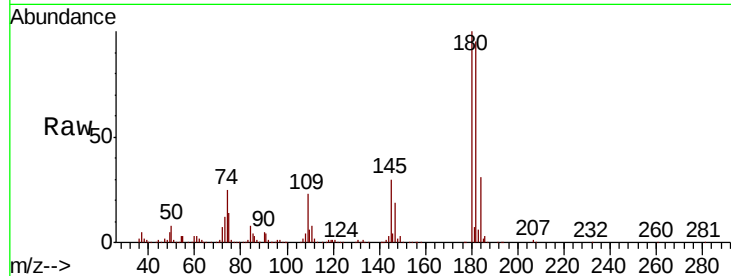
#93
 1,2,4-Trichlorobenzene
 Concen: 20.24 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

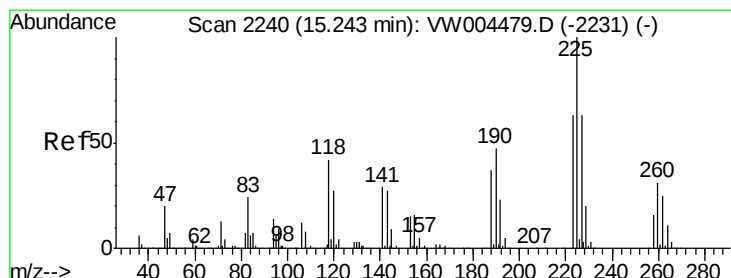
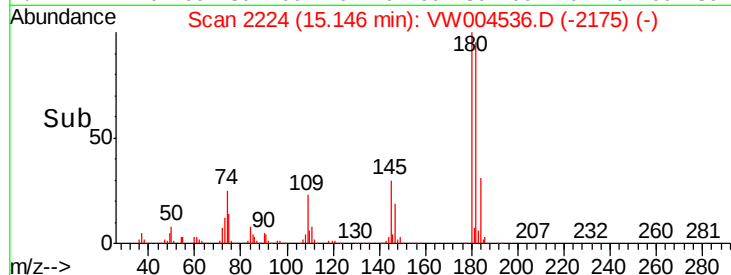
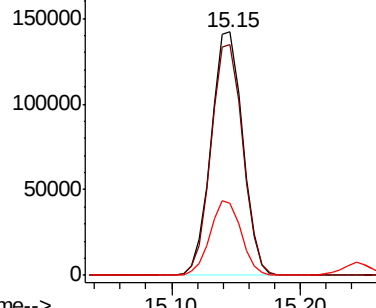
Tot Ion	Ratio	Resp	Lower	Upper
180	100	240995		
182	95.2	47.9	143.6	
145	30.1	14.9	44.9	

Manual Integrations
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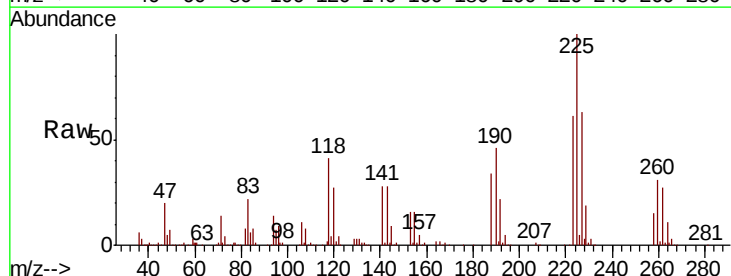


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

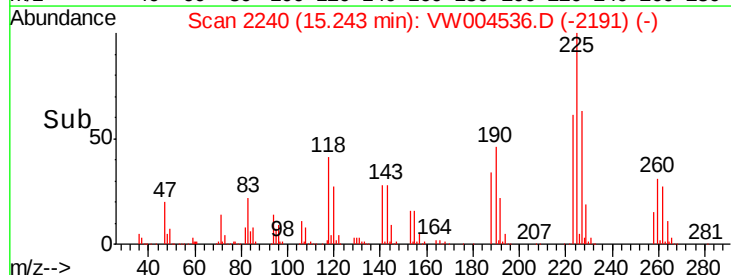
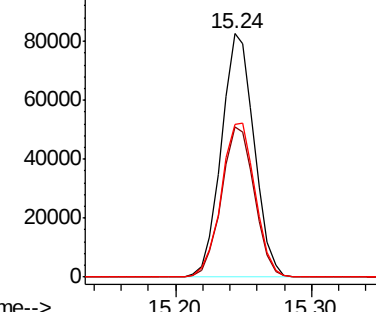


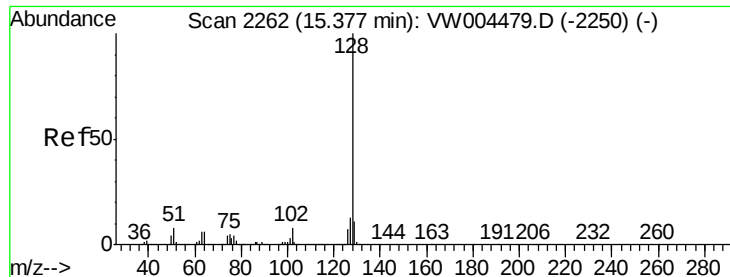
#94
 Hexachlorobutadiene
 Concen: 20.14 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004536.D
 Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139616		
223	61.9	31.3	93.8	
227	65.2	31.8	95.4	



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





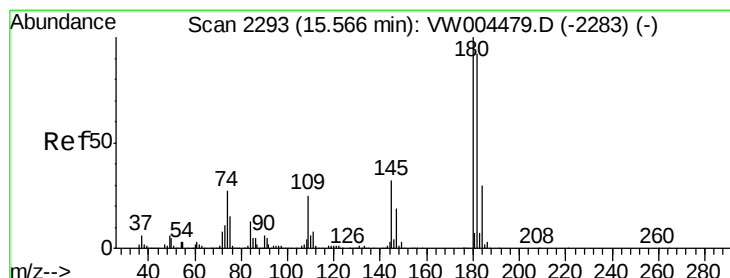
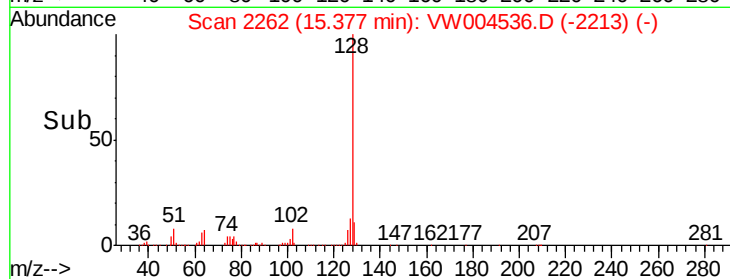
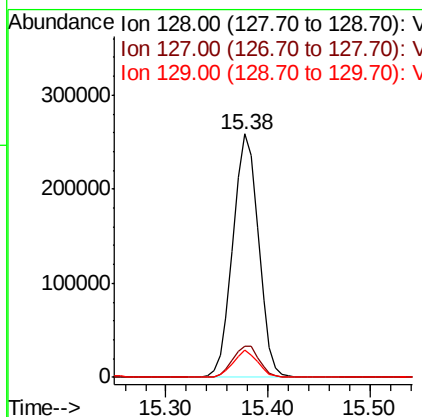
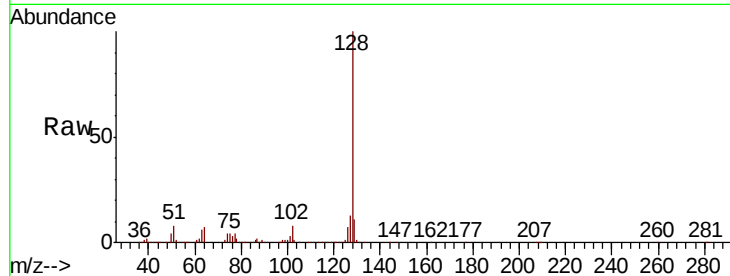
#95
Naphthalene
Concen: 20.11 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	448613		
127	13.3	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.82 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004536.D
Acq: 08 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222718		
182	94.1	47.0	141.2	
145	31.7	15.9	47.6	

