

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006074.D
 Acq On : 16 Oct 2018 13:18
 Operator : VA/AP
 Sample : VW1016SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:48 AM

Quant Time: Oct 16 15:01:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113827	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.89	113	117014	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.33	98	455279	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.62	95	167720	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27292	18.227	ug/l	98
3) Chloromethane	2.22	50	34072	17.678	ug/l	97
4) Vinyl Chloride	2.37	62	52210	18.968	ug/l	96
5) Bromomethane	2.78	94	47309	18.897	ug/l	98
6) Chloroethane	2.93	64	36734	18.623	ug/l	96
7) Trichlorofluoromethane	3.26	101	53016	20.676	ug/l	98
8) Diethyl Ether	3.68	74	23883	17.526	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54990	20.464	ug/l	98
10) Methyl Iodide	4.27	142	88899	19.877	ug/l	100
11) Tert butyl alcohol	5.17	59	19311	114.464	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49767	19.686	ug/l	89
13) Acrolein	3.90	56	16450	100.768	ug/l	95
14) Allyl chloride	4.67	41	71896	19.889	ug/l	99
15) Acrylonitrile	5.37	53	47366	96.907	ug/l	99
16) Acetone	4.12	43	56979	112.960	ug/l	99
17) Carbon Disulfide	4.38	76	150404	19.712	ug/l	99
18) Methyl Acetate	4.67	43	23814	18.864	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76129	19.771	ug/l	98
20) Methylene Chloride	4.92	84	53056	18.979	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	55734	19.751	ug/l	99
22) Diisopropyl ether	6.32	45	142518	19.951	ug/l	98
23) Vinyl Acetate	6.26	43	408124	96.811	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91419	19.834	ug/l	98
25) 2-Butanone	7.18	43	69842	103.062	ug/l	96
26) 2,2-Dichloropropane	7.17	77	68678	21.126	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61370	19.708	ug/l	97
28) Bromochloromethane	7.51	49	28639	16.094	ug/l	97
29) Tetrahydrofuran	7.53	42	40003	96.035	ug/l	99
30) Chloroform	7.68	83	98974	19.709	ug/l	99
31) Cyclohexane	7.96	56	91213	19.871	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	91200	20.132	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80986	20.774	ug/l	99
37) Ethyl Acetate	7.26	43	27043	18.670	ug/l	100
38) Carbon Tetrachloride	8.07	117	86564	20.255	ug/l	99

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apatel
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107261	20.698	ug/l	98
40) Benzene	8.33	78	218606	20.442	ug/l	99
41) Methacrylonitrile	7.49	41	14191	16.252	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	62449	19.876	ug/l	100
43) Isopropyl Acetate	8.43	43	58002	19.585	ug/l	99
44) Trichloroethene	9.10	130	66843	20.374	ug/l	95
45) 1,2-Dichloropropane	9.37	63	51838	20.257	ug/l	95
46) Dibromomethane	9.46	93	28708	19.683	ug/l	100
47) Bromodichloromethane	9.65	83	70763	20.012	ug/l	99
48) Methyl methacrylate	9.45	41	28935	20.612	ug/l	96
49) 1,4-Dioxane	9.45	88	9155	407.741	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	143332	96.595	ug/l	99
52) Toluene	10.39	92	148131	20.661	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70543	20.023	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81601	20.181	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	40409	19.799	ug/l	97
56) Ethyl methacrylate	10.65	69	48011	19.188	ug/l	98
57) 1,3-Dichloropropane	10.94	76	66193	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89433	93.541	ug/l	99
59) 2-Hexanone	10.98	43	106990	101.008	ug/l	100
60) Dibromochloromethane	11.13	129	49643	19.527	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40065	19.646	ug/l	99
64) Tetrachloroethene	10.87	164	61105	20.556	ug/l	98
65) Chlorobenzene	11.66	112	169681	20.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	59759	20.514	ug/l	100
67) Ethyl Benzene	11.74	91	297109	20.915	ug/l	99
68) m/p-Xylenes	11.85	106	233645	41.612	ug/l	99
69) o-Xylene	12.17	106	110480	20.646	ug/l	100
70) Styrene	12.19	104	178346	20.496	ug/l	100
71) Bromoform	12.35	173	31028	19.096	ug/l #	99
73) Isopropylbenzene	12.47	105	312975	20.540	ug/l	99
74) N-amyl acetate	12.28	43	57422	19.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45848	19.783	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30593m	18.571	ug/l	
77) Bromobenzene	12.76	156	76134	20.400	ug/l	100
78) n-propylbenzene	12.81	91	367284	20.719	ug/l	100
79) 2-Chlorotoluene	12.90	91	206660	20.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	266203	20.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13006	18.872	ug/l	98
82) 4-Chlorotoluene	12.99	91	212640	20.380	ug/l	99
83) tert-Butylbenzene	13.21	119	238387	20.743	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	272011	20.927	ug/l	100
85) sec-Butylbenzene	13.39	105	339772	20.927	ug/l	99
86) p-Isopropyltoluene	13.51	119	306613	20.879	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	152884	20.584	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	152424	20.611	ug/l	99
89) n-Butylbenzene	13.83	91	283559	21.113	ug/l	100
90) Hexachloroethane	14.10	117	51242	20.600	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	134451	20.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7865	18.955	ug/l	99

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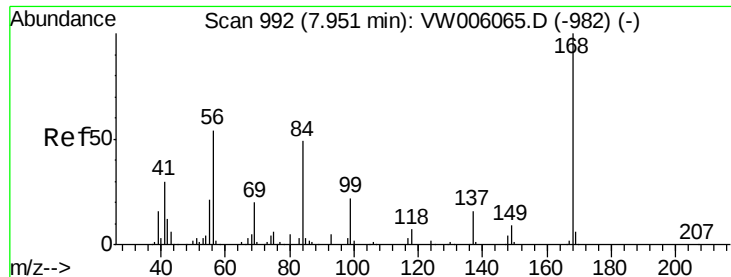
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103508	20.305	ug/l	100
94) Hexachlorobutadiene	15.25	225	67850	21.188	ug/l	100
95) Naphthalene	15.38	128	162788	19.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	88198	20.003	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion:168 Resp: 302573

Ion Ratio Lower Upper

168 100

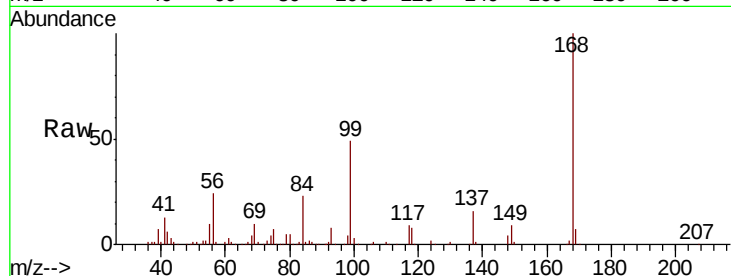
99 49.3 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

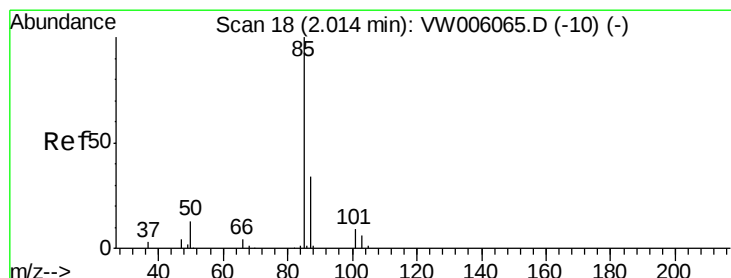
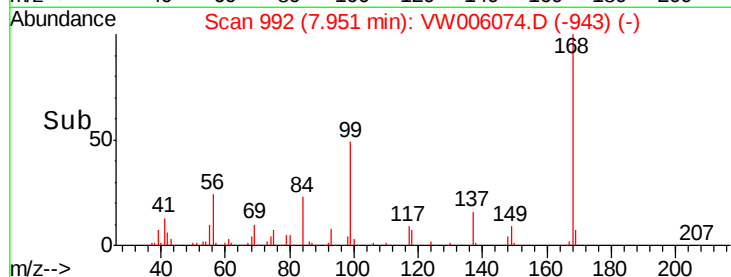
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006074.D

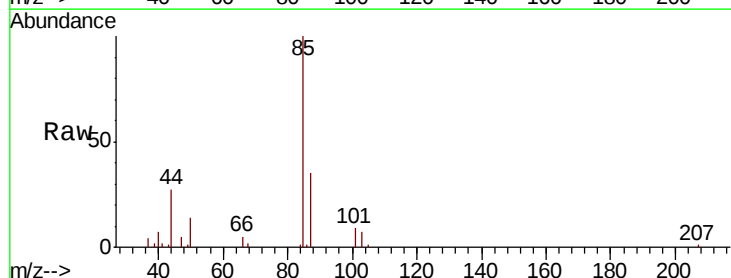
Acq: 16 Oct 2018 13:18

Tgt Ion: 85 Resp: 27292

Ion Ratio Lower Upper

85 100

87 34.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

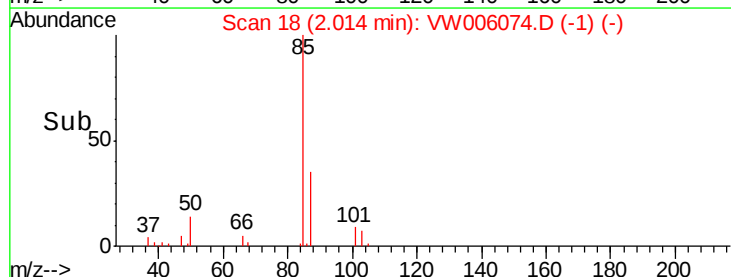
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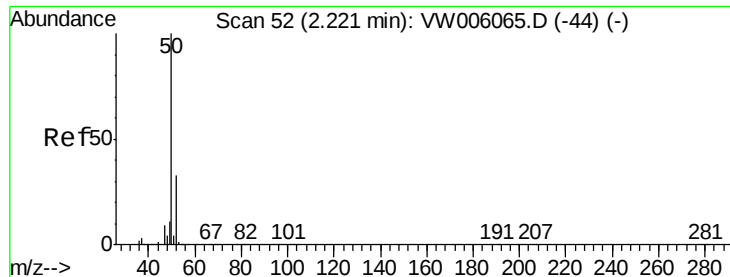
2000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 17.678 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBSD01

Tot Ion: 50 Resp: 34072

Ion Ratio Lower Upper

50 100

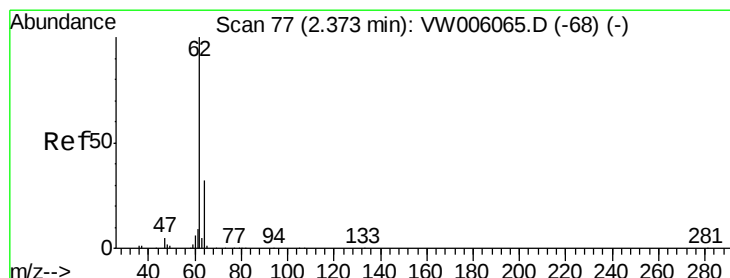
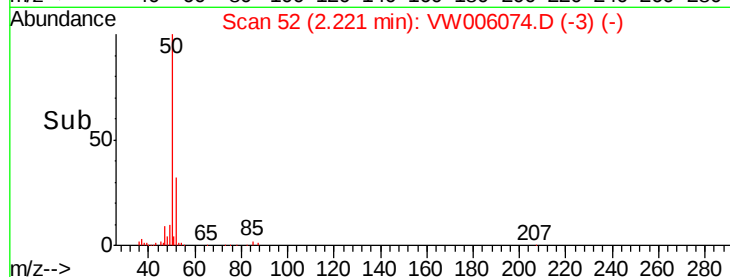
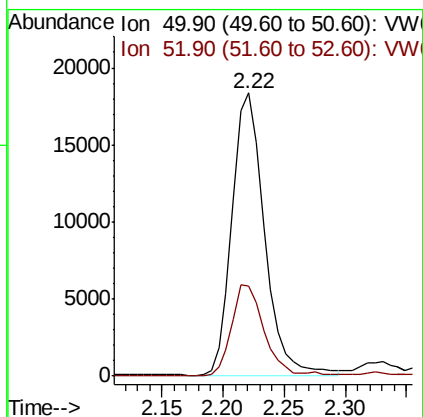
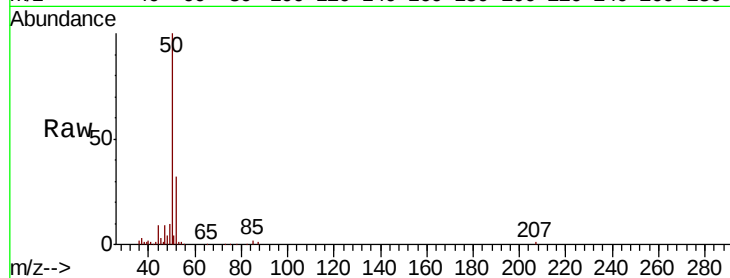
52 31.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.968 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006074.D

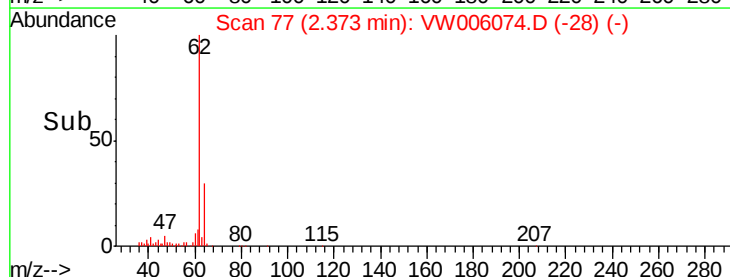
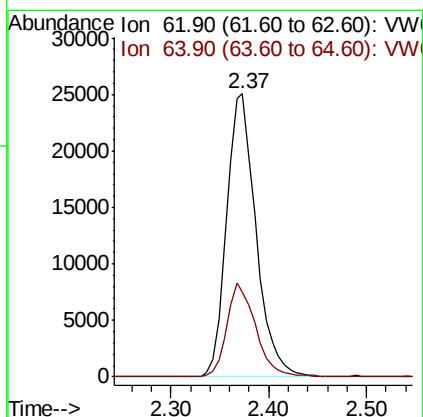
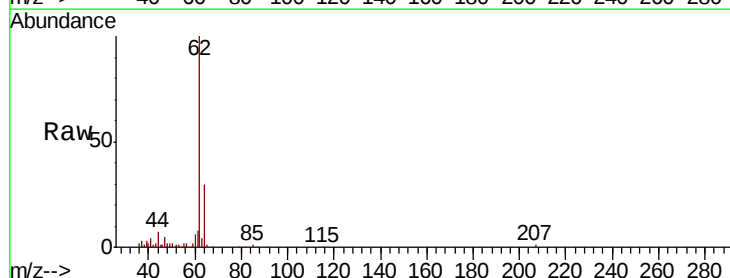
Acq: 16 Oct 2018 13:18

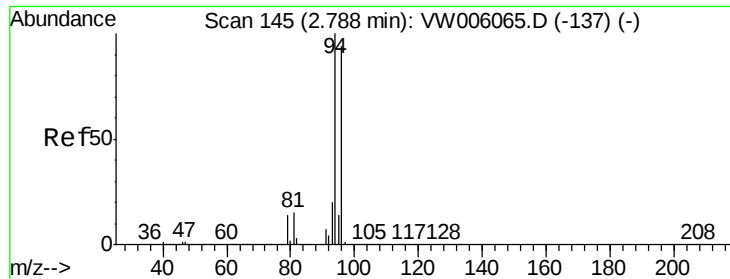
Tgt Ion: 62 Resp: 52210

Ion Ratio Lower Upper

62 100

64 30.0 25.9 38.9





#5

Bromomethane

Concen: 18.897 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

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ClientSampleId :

VW1016SBS01

Tot Ion: 94 Resp: 47309

Ion Ratio Lower Upper

94 100

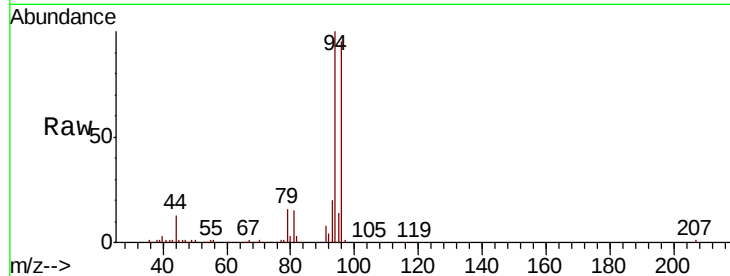
96 95.2 74.9 112.3

Manual Integrations

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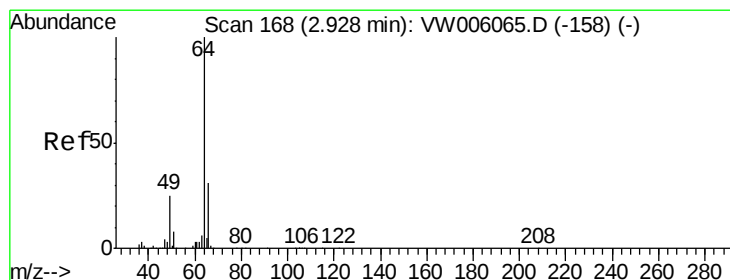
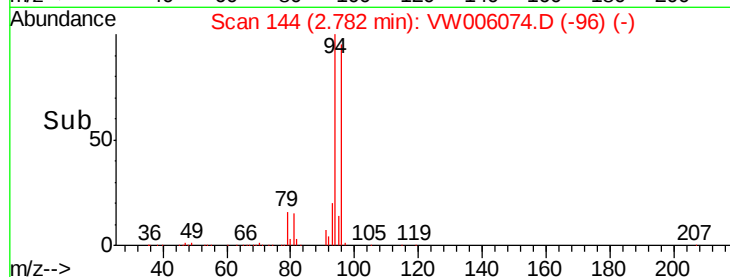
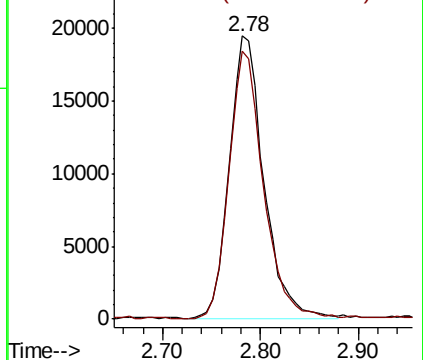
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.623 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006074.D

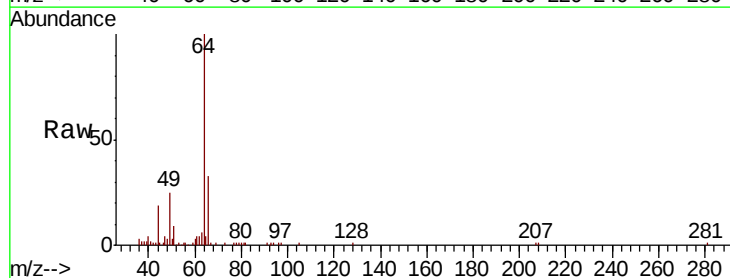
Acq: 16 Oct 2018 13:18

Tgt Ion: 64 Resp: 36734

Ion Ratio Lower Upper

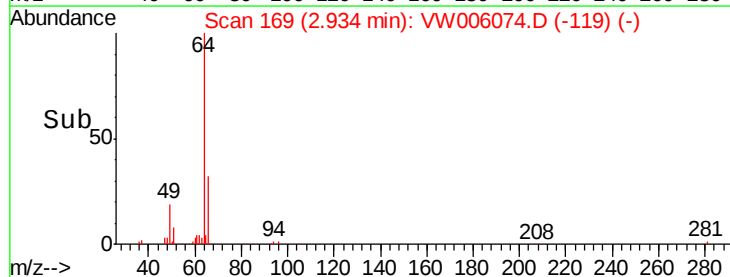
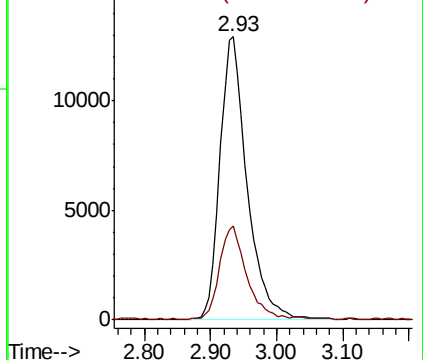
64 100

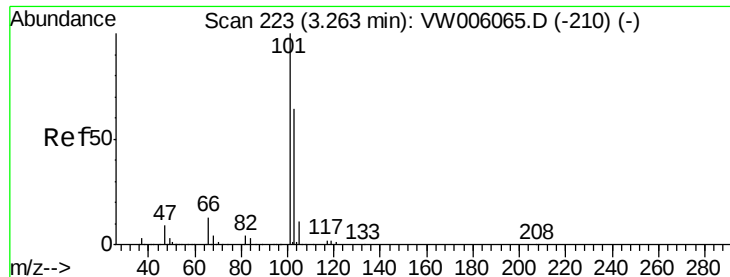
66 33.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

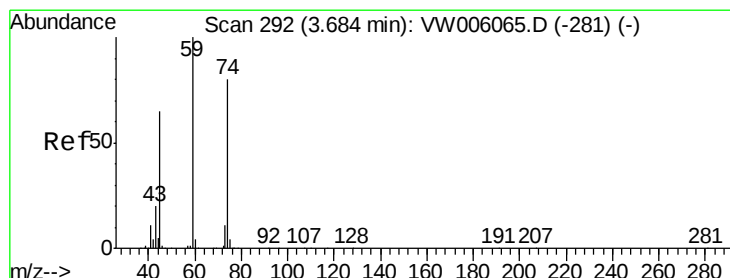
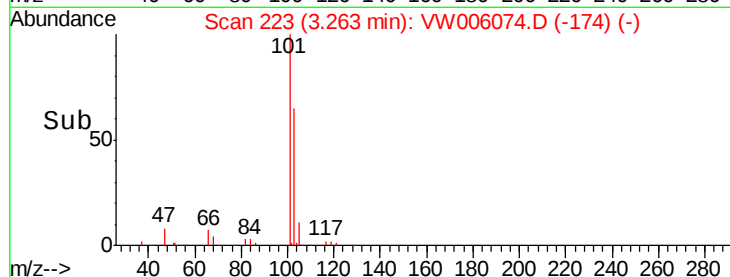
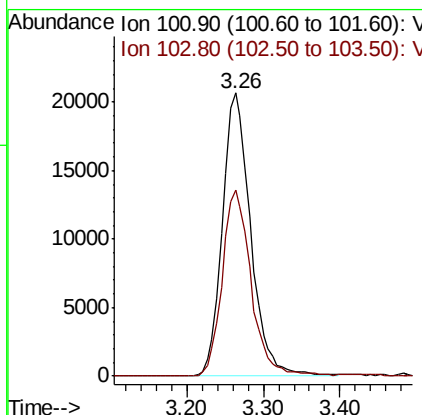
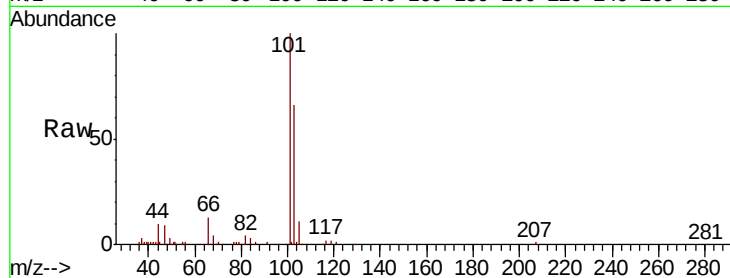
Trichlorofluoromethane
 Concen: 20.676 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

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 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

Manual Integrations
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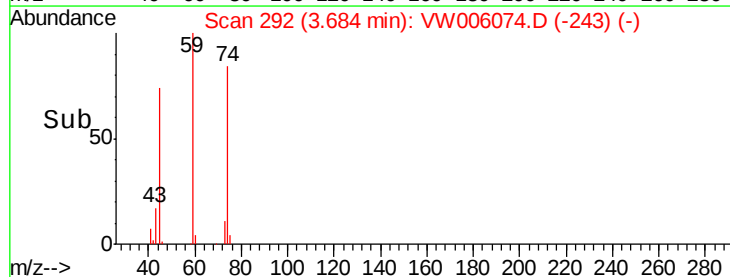
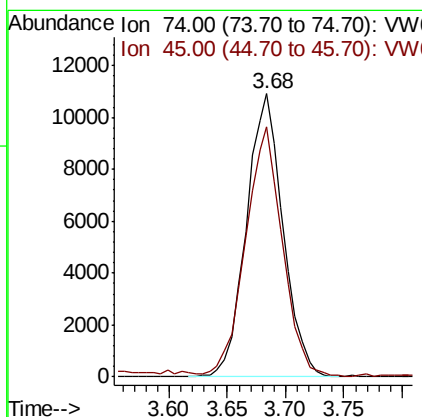
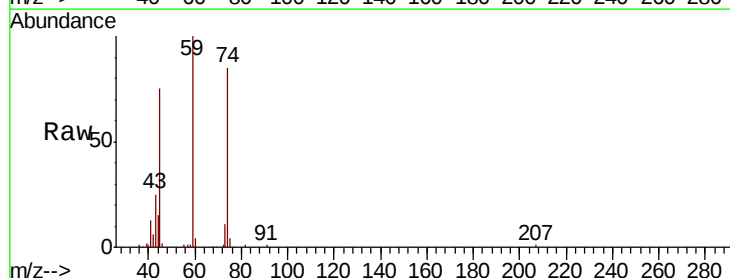
apatel
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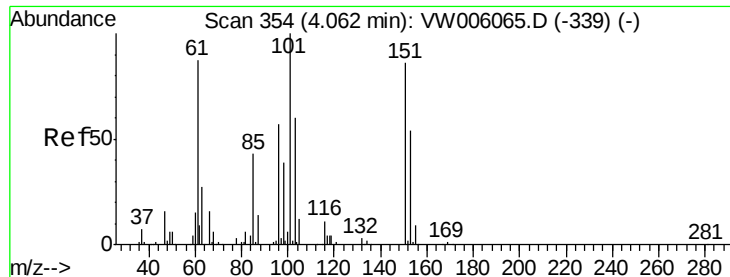


#8

Diethyl Ether
 Concen: 17.526 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.464 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006074.D

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Instrument :

MSVOA_W

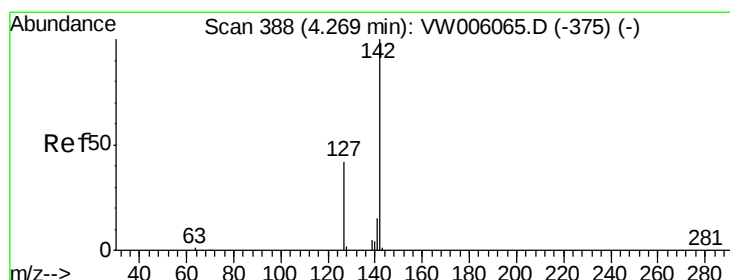
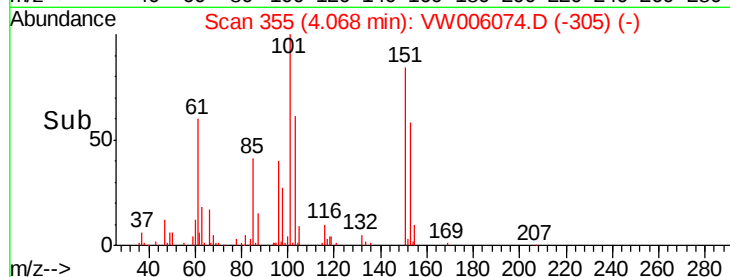
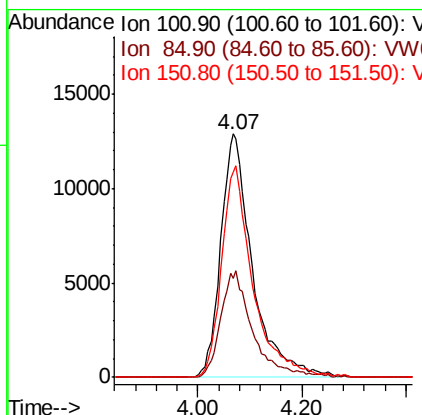
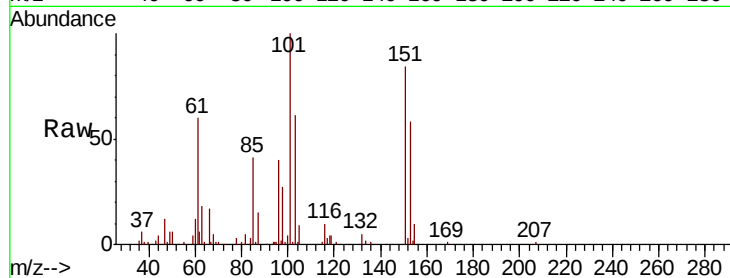
ClientSampleId :

VW1016SBS01

Tot Ion:	101	Resp:	54990
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	85.5	70.4	105.6

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#10

Methyl Iodide

Concen: 19.877 ug/l

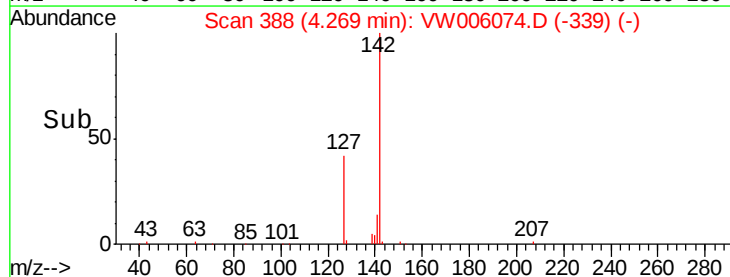
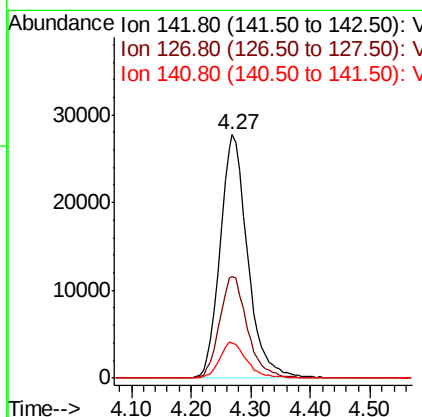
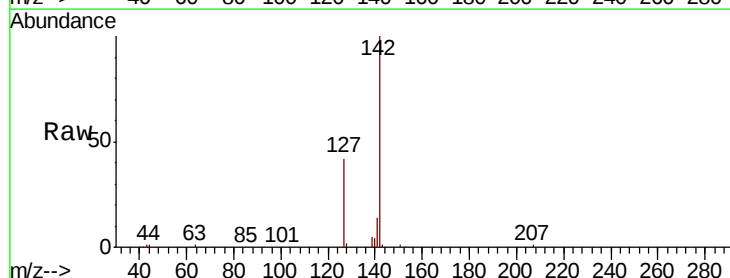
RT: 4.27 min Scan# 388

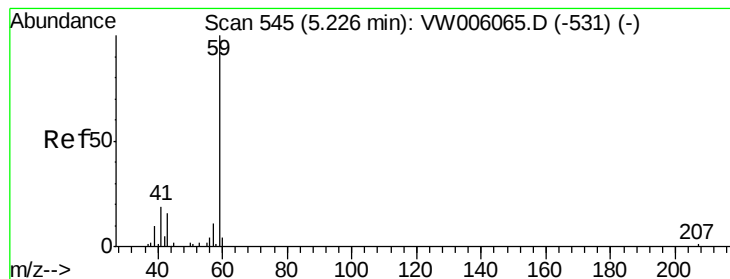
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	142	Resp:	88899
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.4	11.6	17.4





#11

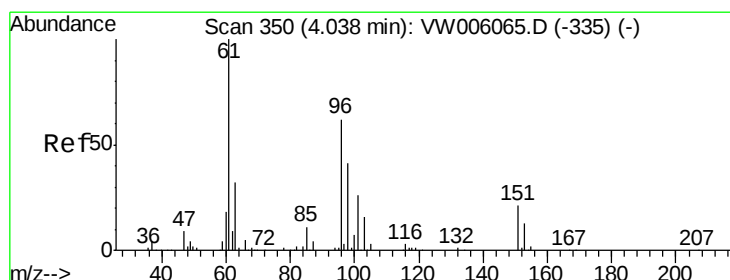
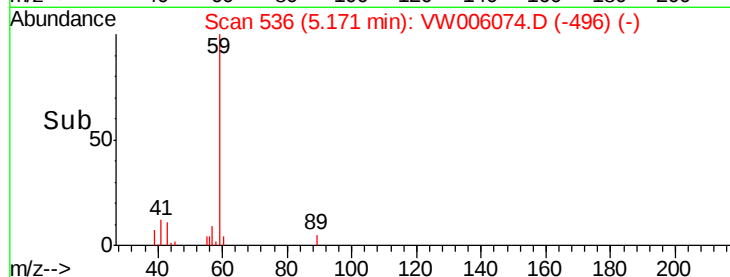
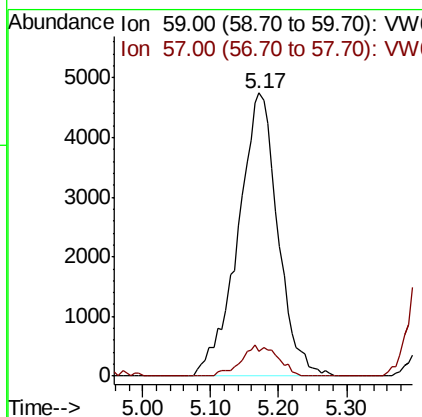
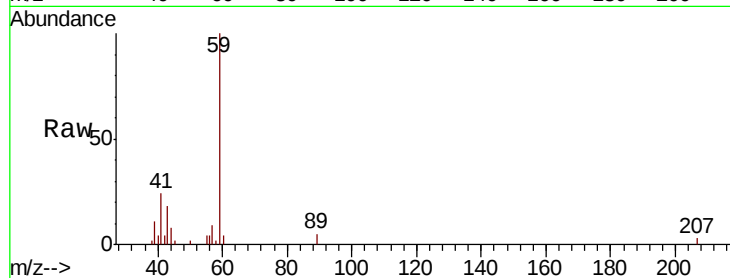
Tert butyl alcohol
 Concen: 114.464 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1

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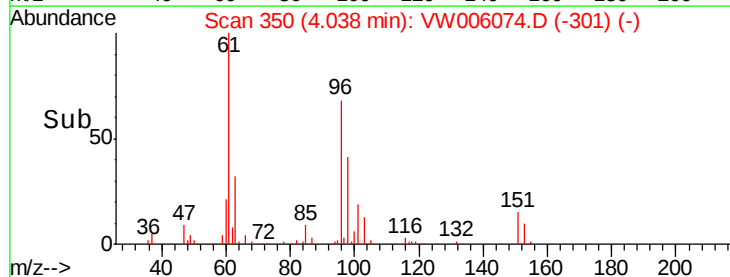
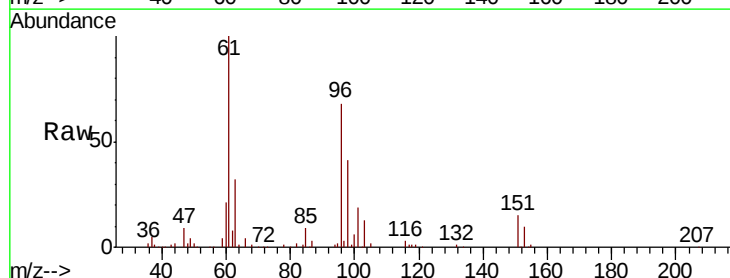
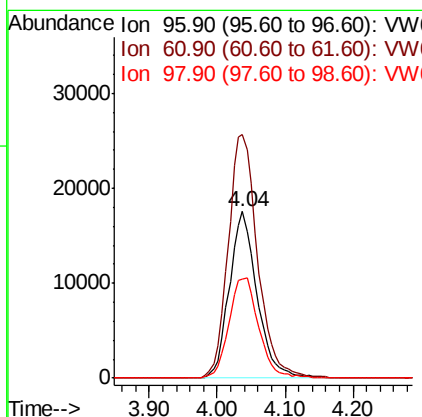
apatel
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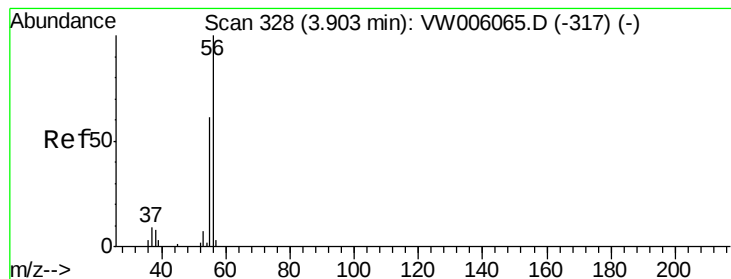


#12

1,1-Dichloroethene
 Concen: 19.686 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	129.3	193.9
98	59.7	53.1	79.7





#13

Acrolein

Concen: 100.768 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 56 Resp: 16450

Ion Ratio Lower Upper

56 100

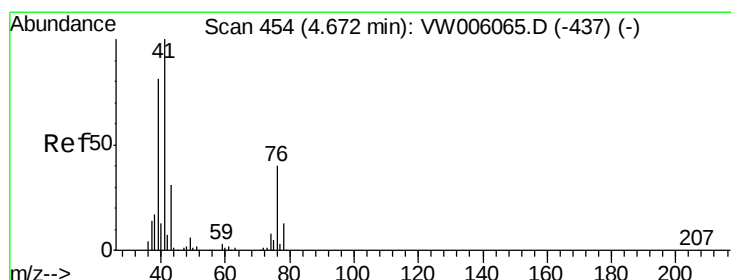
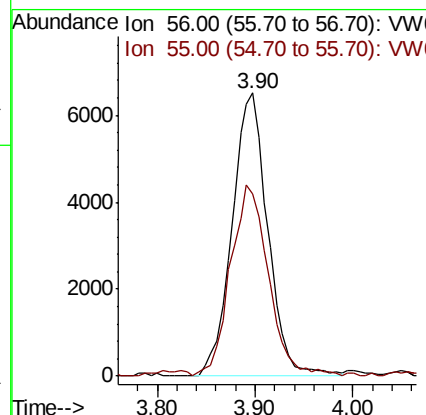
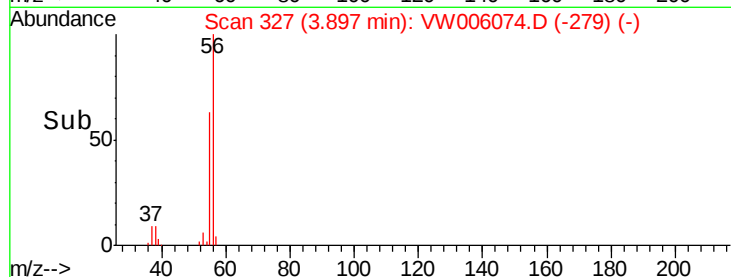
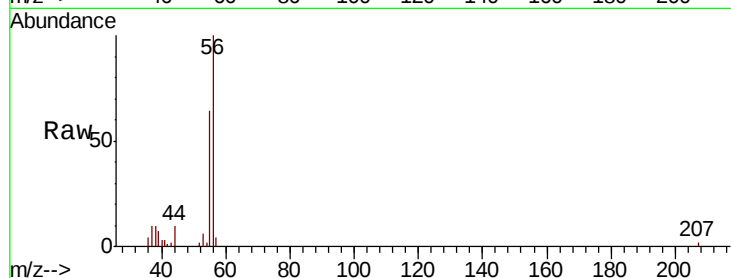
55 72.1 54.5 81.7

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#14

Allyl chloride

Concen: 19.889 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

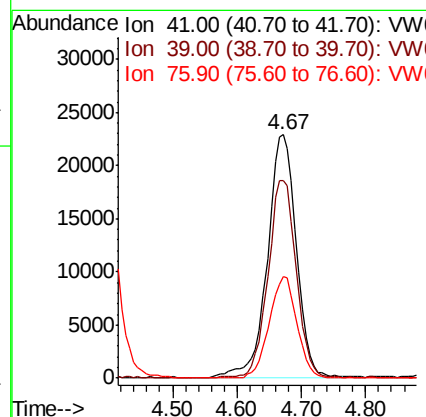
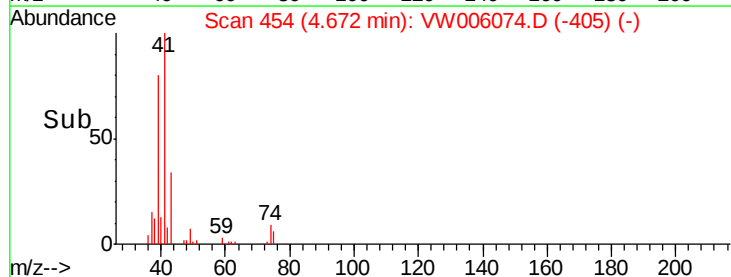
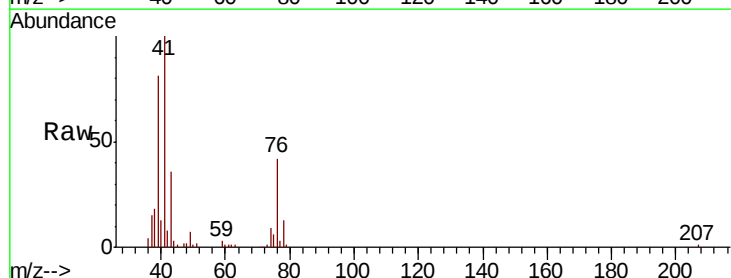
Tgt Ion: 41 Resp: 71896

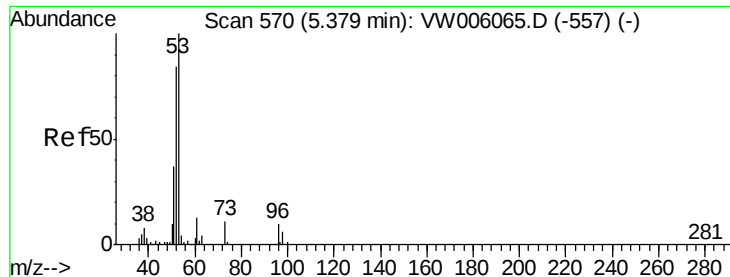
Ion Ratio Lower Upper

41 100

39 79.8 64.1 96.1

76 39.7 32.2 48.4





#15

Acrylonitrile

Concen: 96.907 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

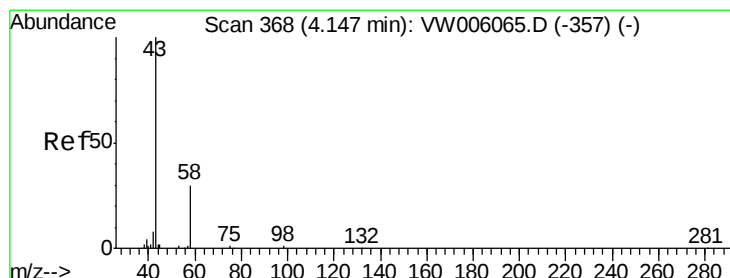
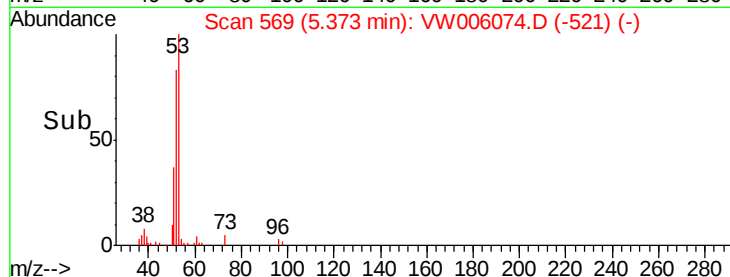
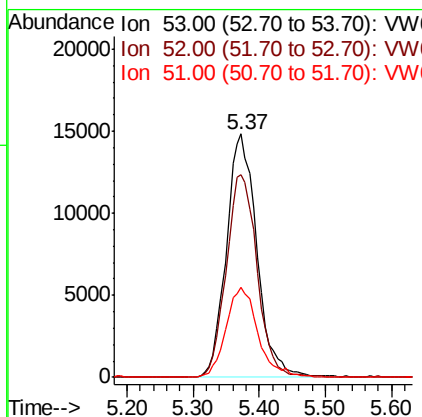
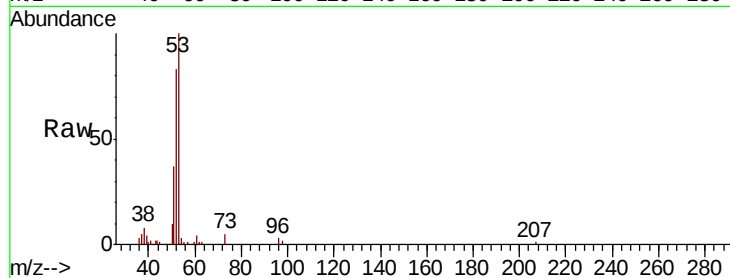
ClientSampleId :

VW1016SBS01

Tot Ion:	53	Resp:	47366
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	38.5	30.1	45.1

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#16

Acetone

Concen: 112.960 ug/l

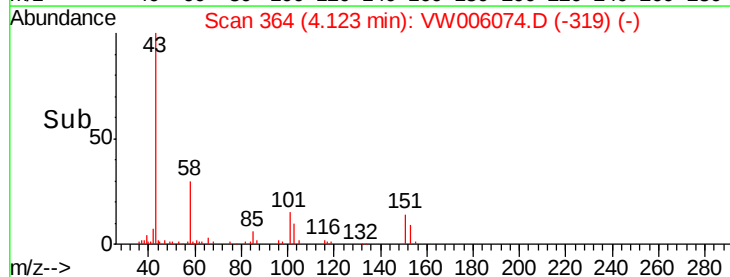
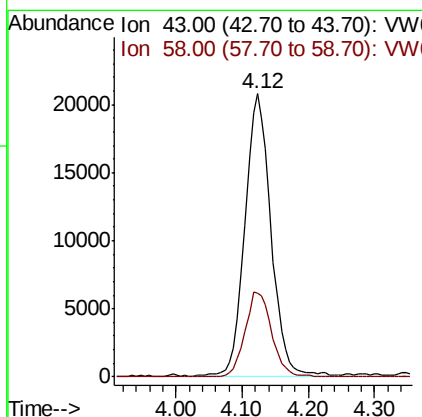
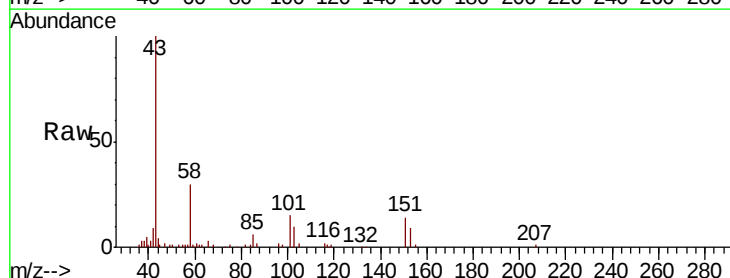
RT: 4.12 min Scan# 364

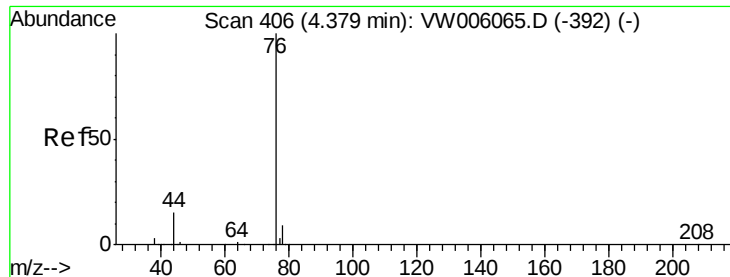
Delta R.T. -0.02 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	43	Resp:	56979
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.0	36.0





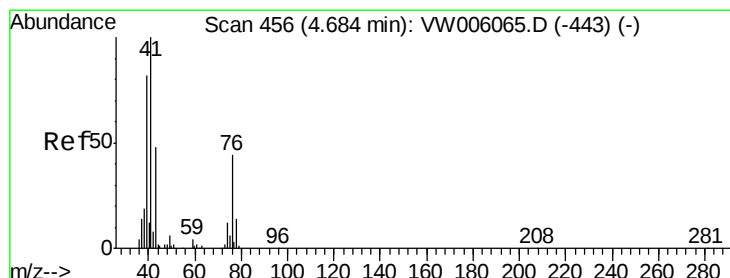
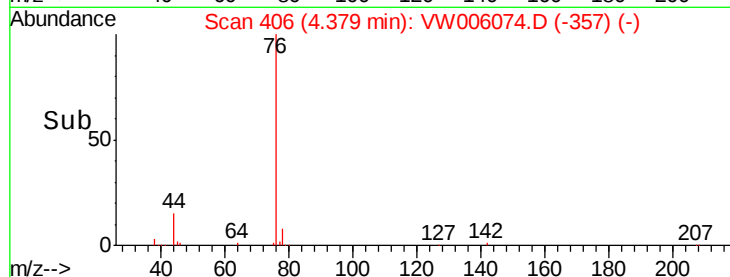
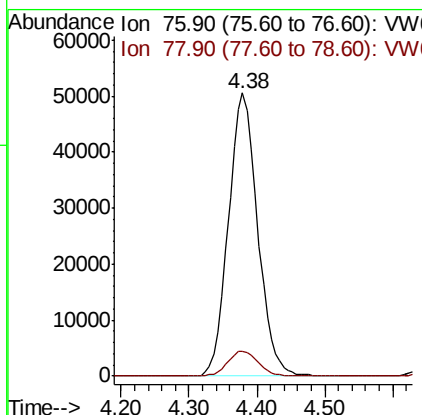
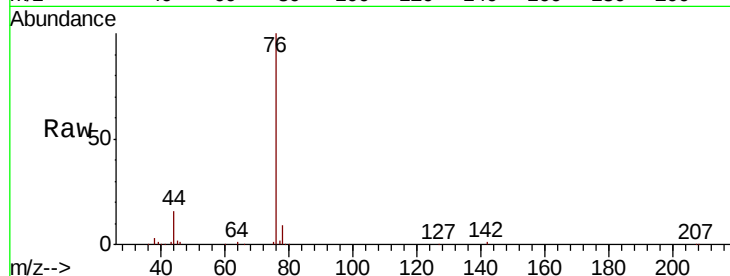
#17
Carbon Disulfide
Concen: 19.712 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

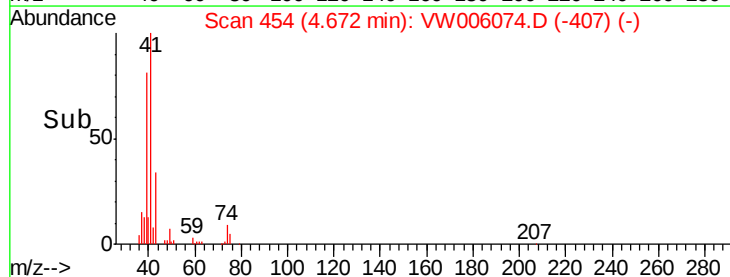
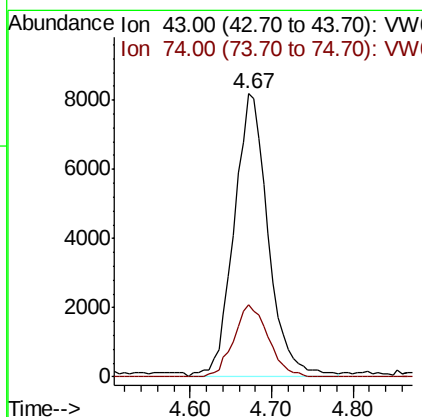
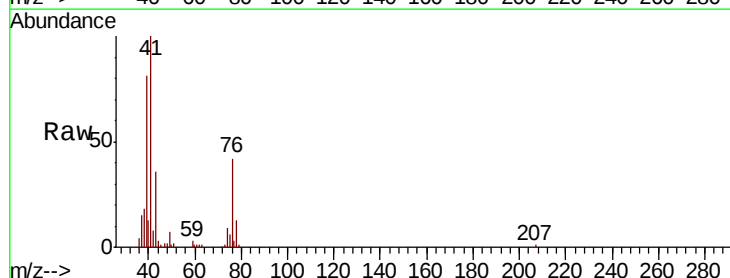
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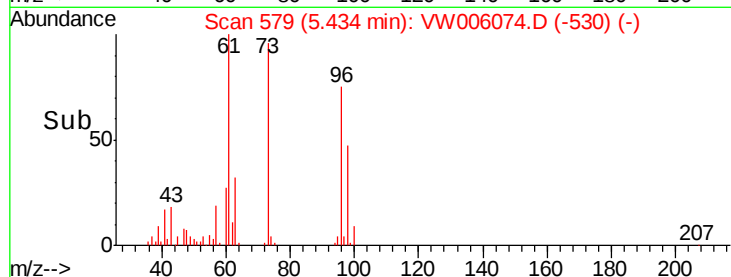
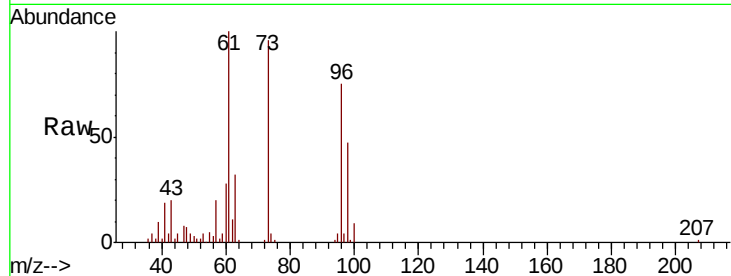
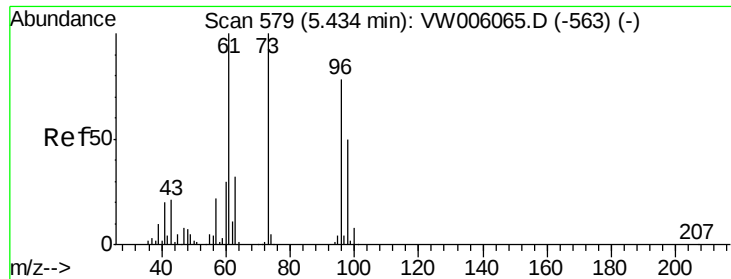
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#18
Methyl Acetate
Concen: 18.864 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.5	30.7





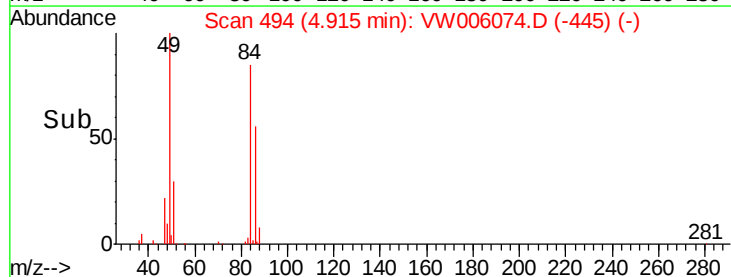
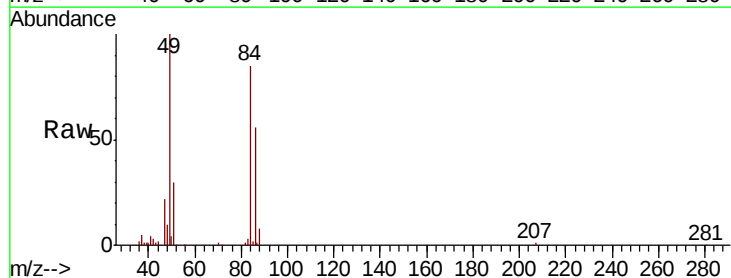
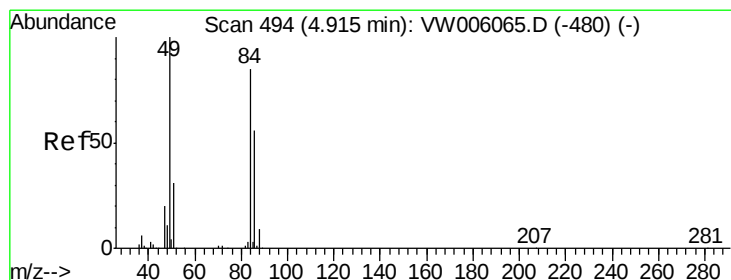
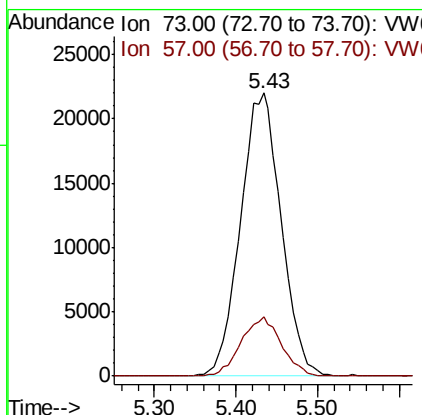
#19
Methyl tert-butyl Ether
Concen: 19.771 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tot Ion	73	Resp	76129
Ion Ratio	Lower	Upper	
73	100		
57	20.9	17.4	26.2

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

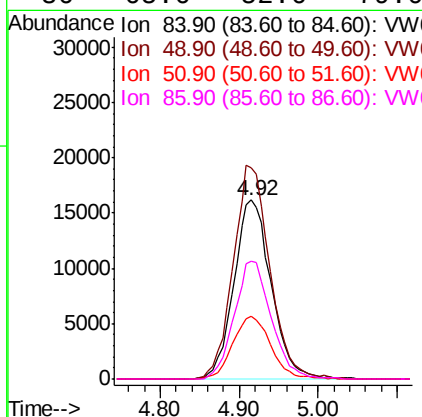
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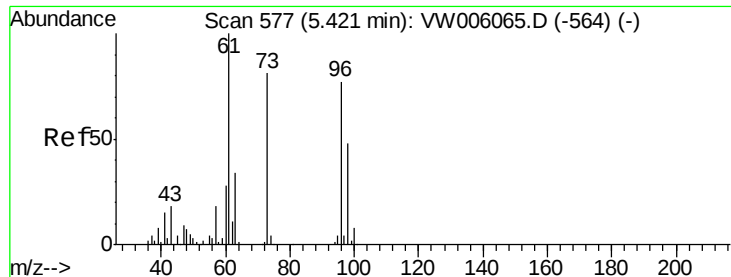
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#20
Methylene Chloride
Concen: 18.979 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	84	Resp	53056
Ion Ratio	Lower	Upper	
84	100		
49	118.2	93.6	140.4
51	34.9	29.0	43.4
86	65.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 19.751 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

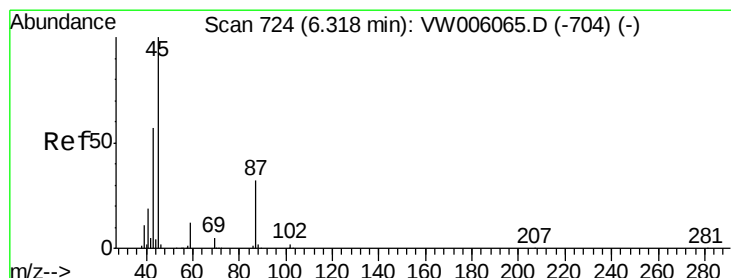
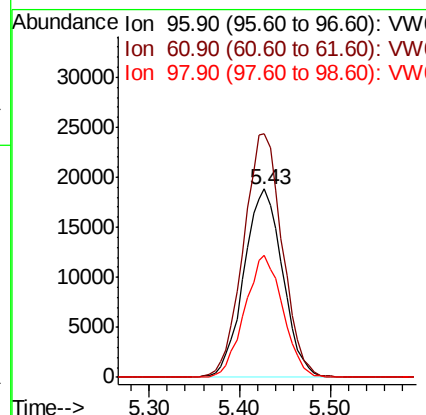
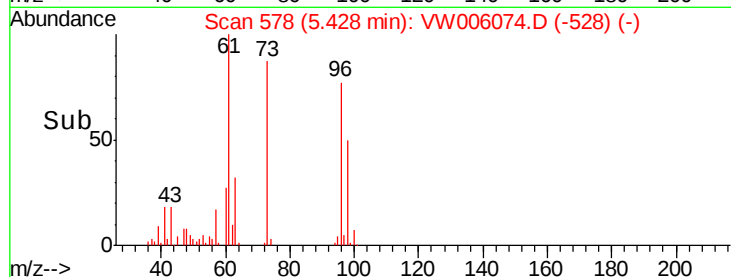
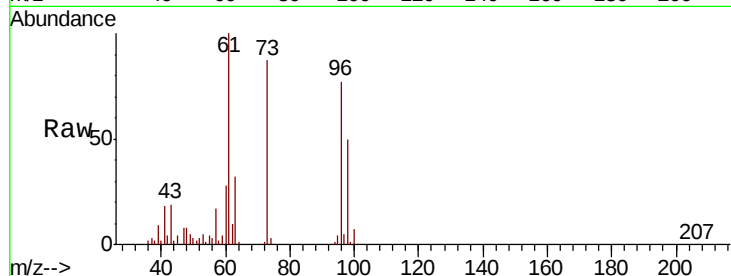
ClientSampleId :

VW1016SBS01

Tot Ion:	96	Resp:	55734
Ion	Ratio	Lower	Upper
96	100		
61	129.4	104.5	156.7
98	65.0	50.6	75.8

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#22

Diisopropyl ether

Concen: 19.951 ug/l

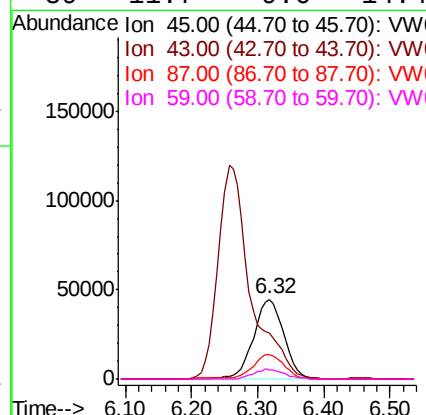
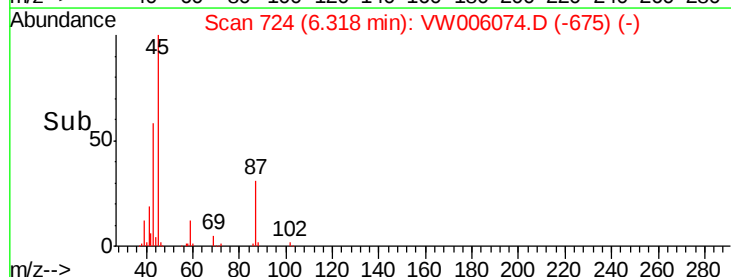
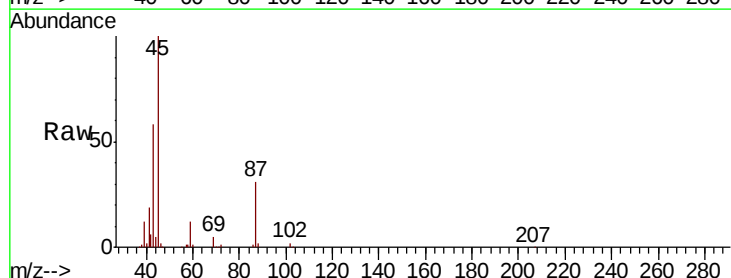
RT: 6.32 min Scan# 724

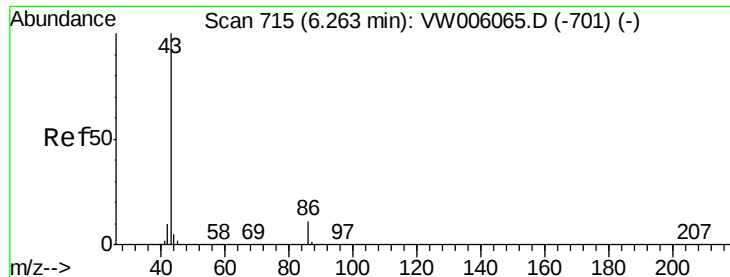
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	45	Resp:	142518
Ion	Ratio	Lower	Upper
45	100		
43	57.7	45.7	68.5
87	30.5	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 96.811 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleID :

VW1016SBS01

Tot Ion: 43 Resp: 408124

Ion Ratio Lower Upper

43 100

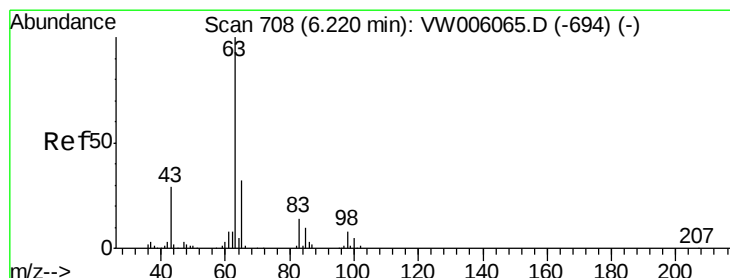
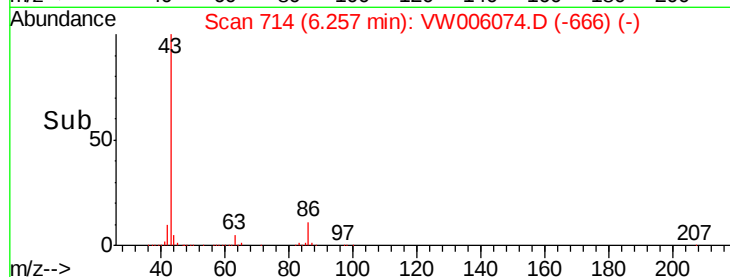
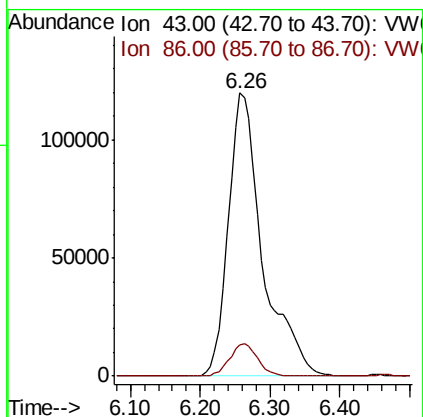
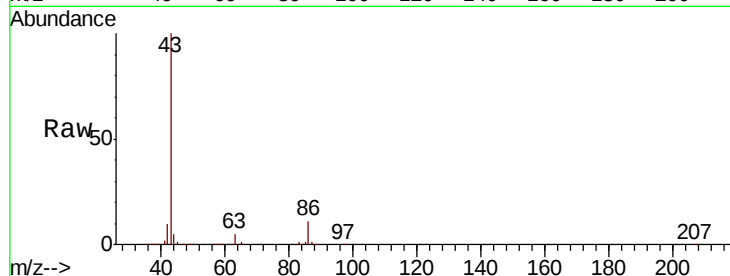
86 11.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 19.834 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

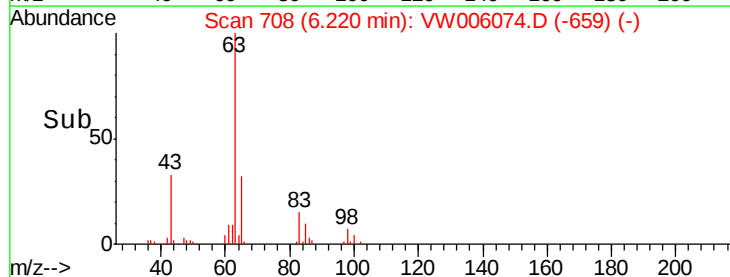
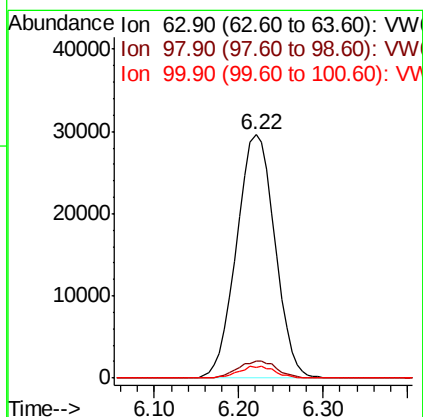
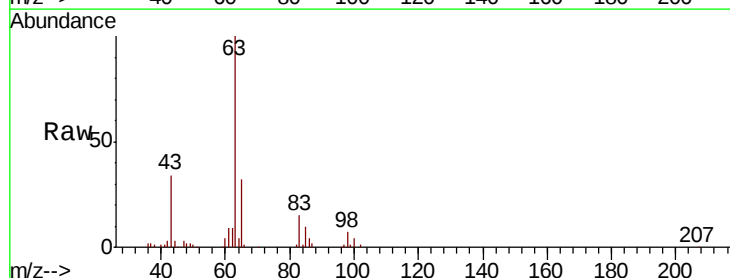
Tgt Ion: 63 Resp: 91419

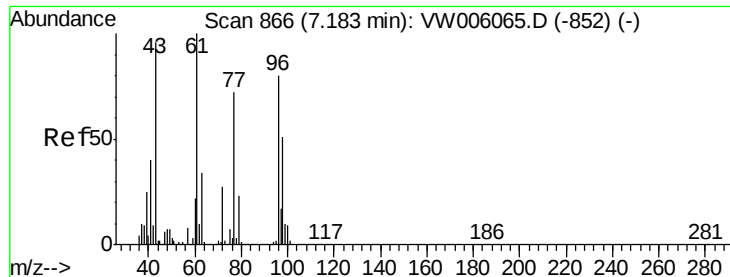
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.4 2.5 7.5





#25

2-Butanone

Concen: 103.062 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 43 Resp: 69842

Ion Ratio Lower Upper

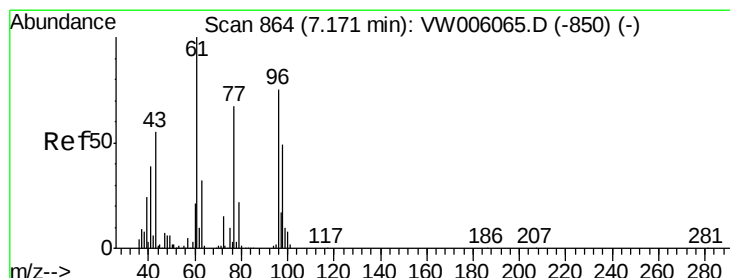
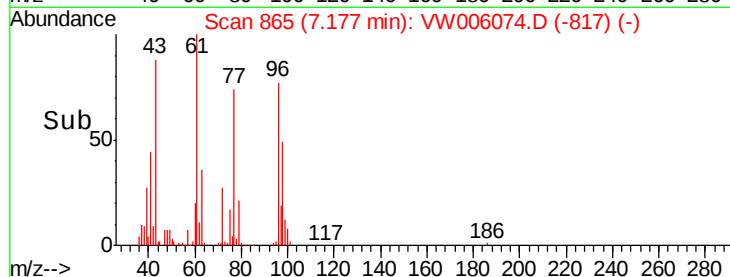
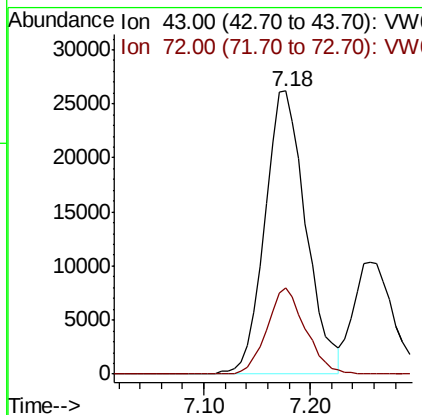
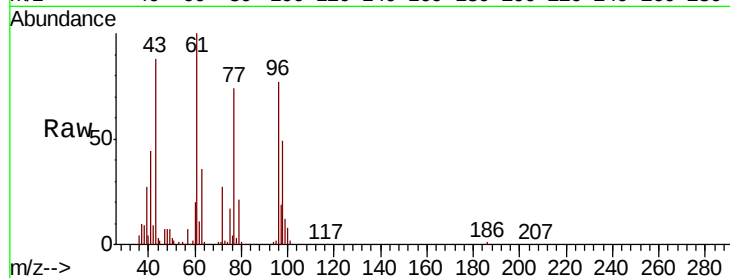
43 100

72 30.4 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 21.126 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006074.D

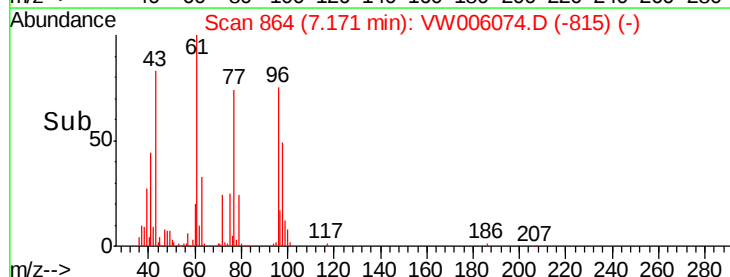
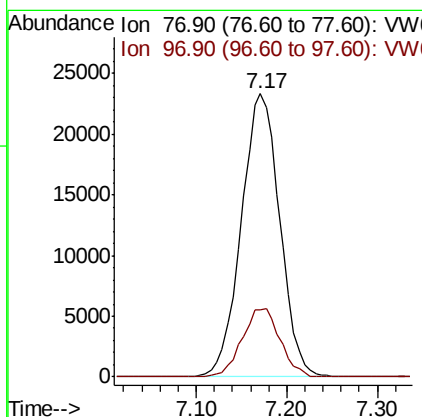
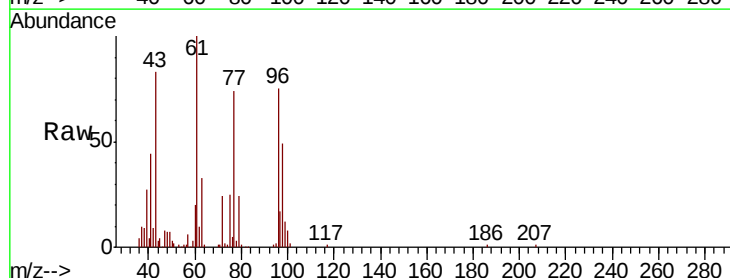
Acq: 16 Oct 2018 13:18

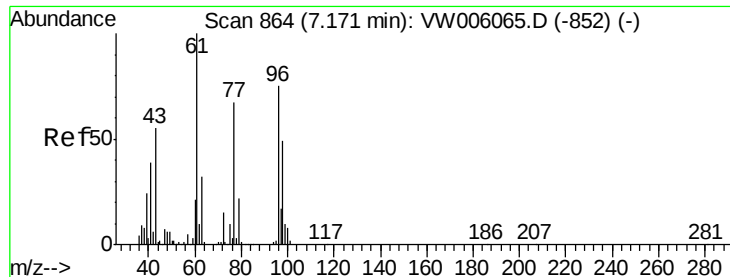
Tgt Ion: 77 Resp: 68678

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4





#27

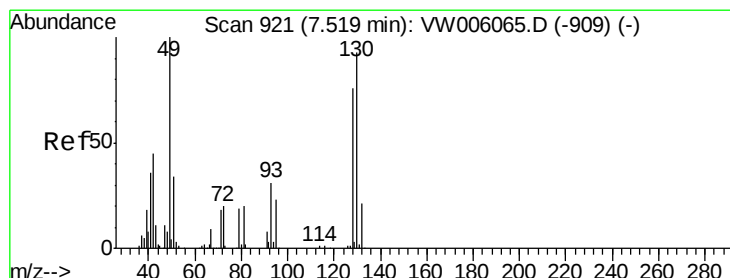
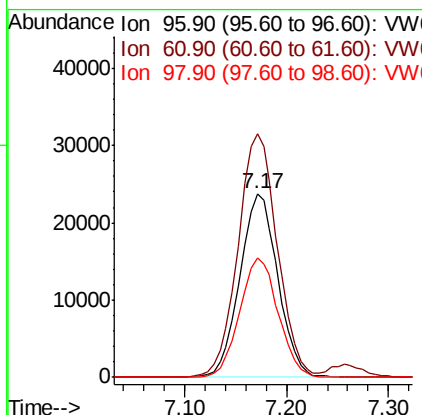
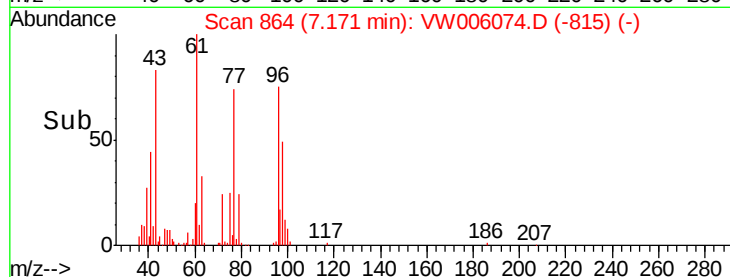
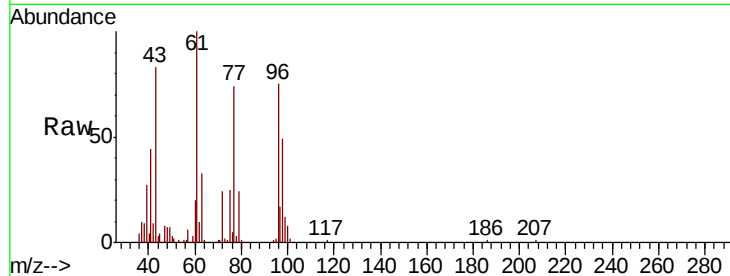
cis-1,2-Dichloroethene
 Concen: 19.708 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	267.2
98	65.9	0.0	128.6

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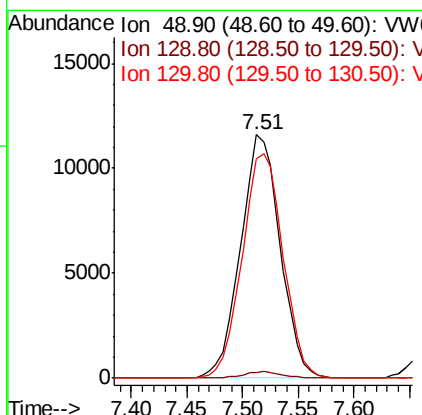
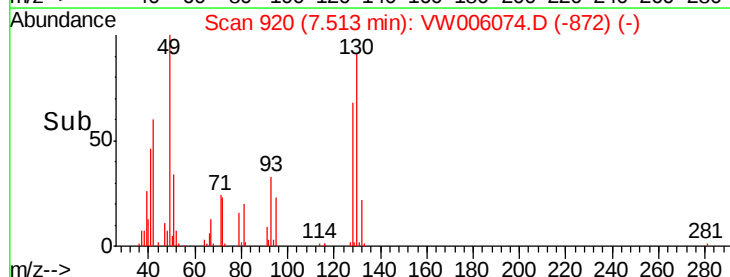
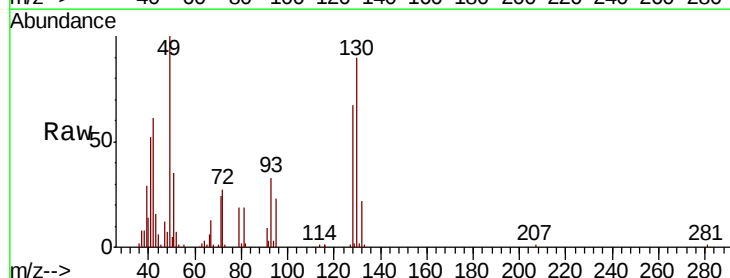
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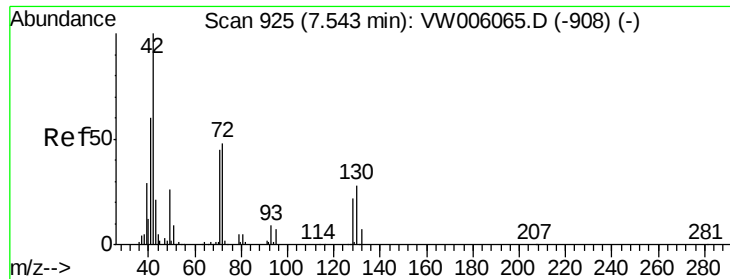


#28

Bromochloromethane
 Concen: 16.094 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	95.1	73.8	110.8





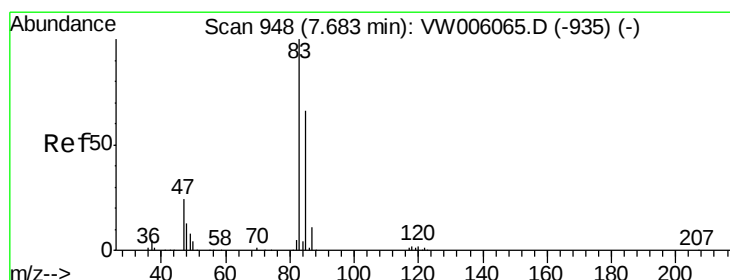
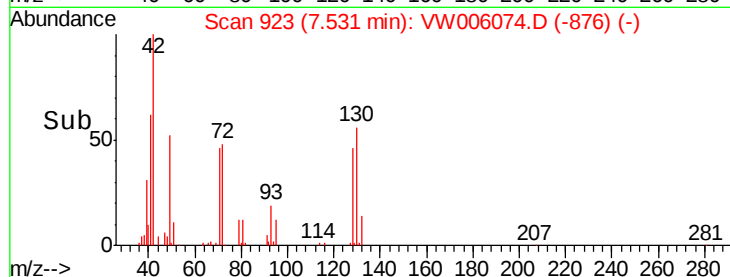
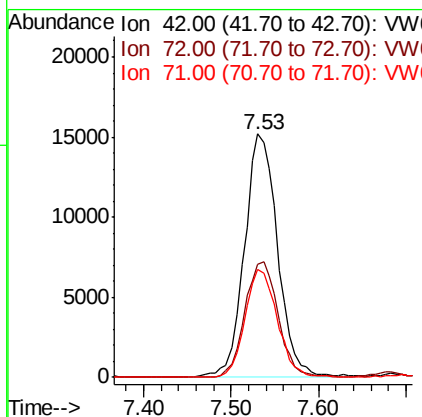
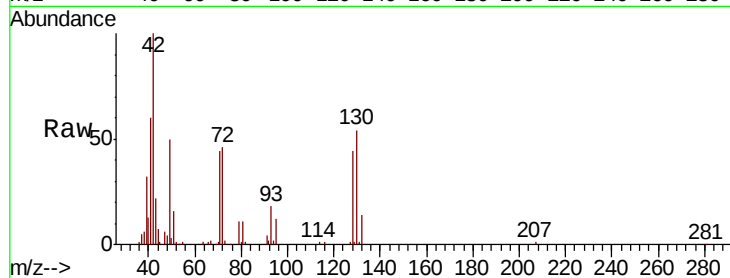
#29
Tetrahydrofuran
Concen: 96.035 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.0	57.0
71	43.3	35.3	52.9

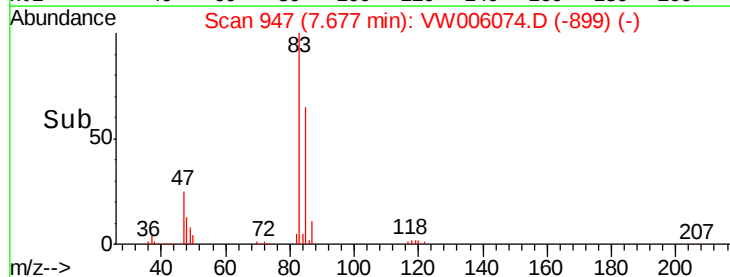
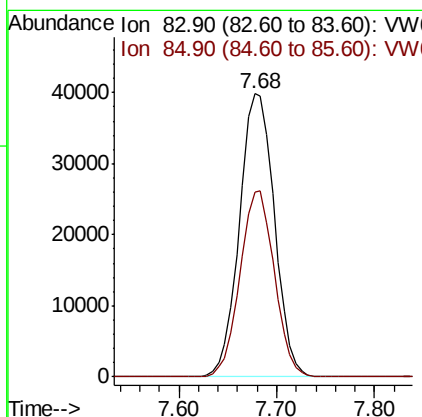
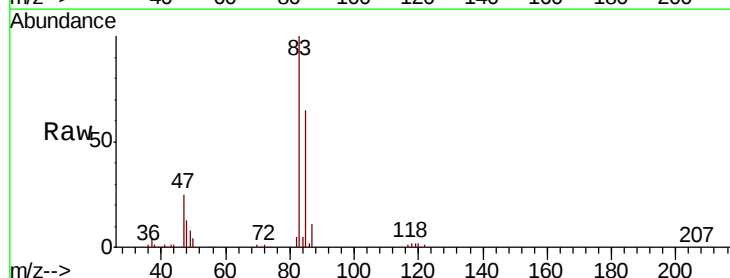
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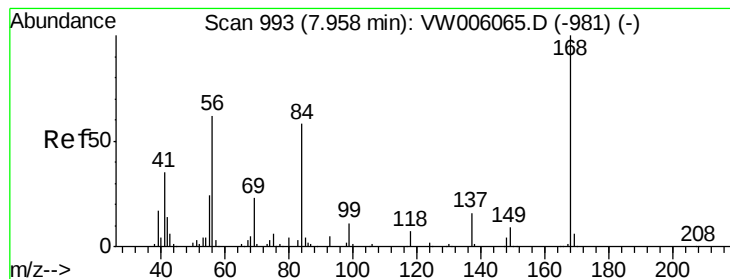
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#30
Chloroform
Concen: 19.709 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.6	79.0





#31

Cyclohexane

Concen: 19.871 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

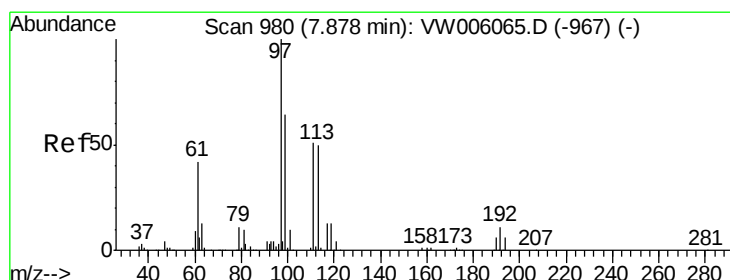
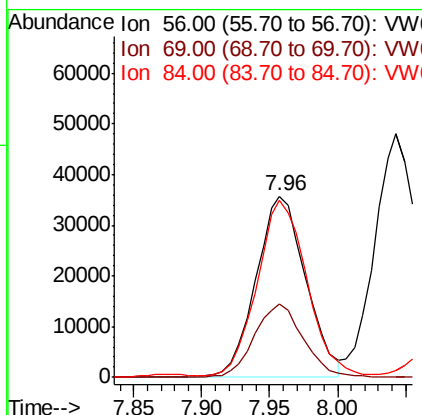
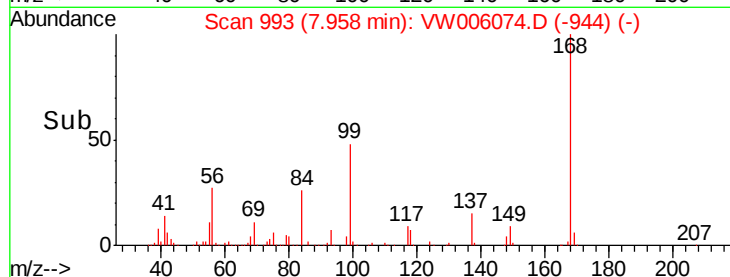
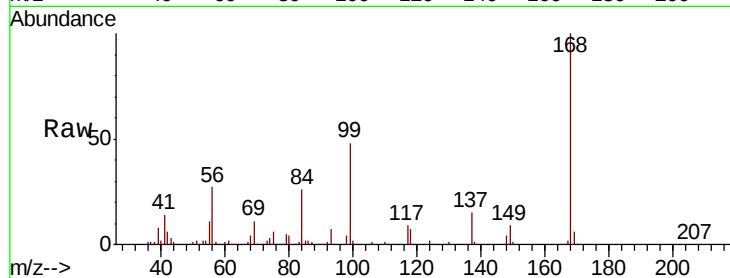
ClientSampleId :

VW1016SBS01

Tot Ion:	56	Resp:	91213
Ion Ratio	Lower	Upper	
56	100		
69	40.4	29.4	44.0
84	96.3	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 20.132 ug/l

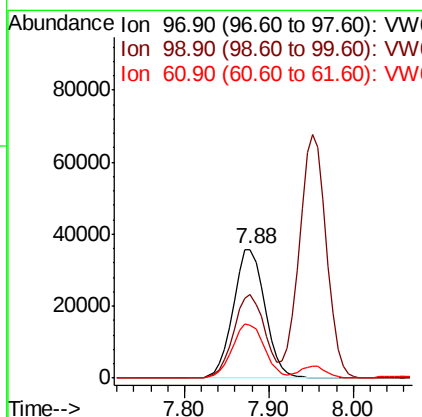
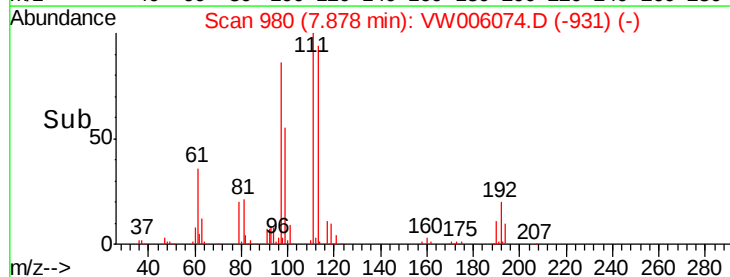
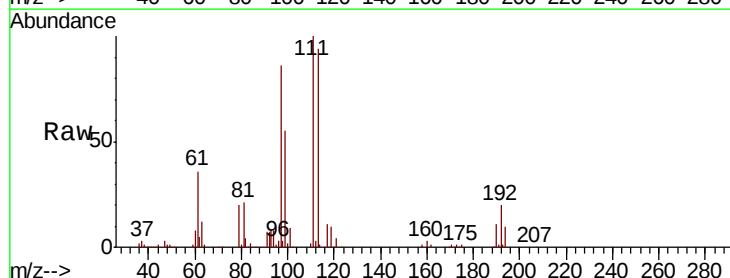
RT: 7.88 min Scan# 980

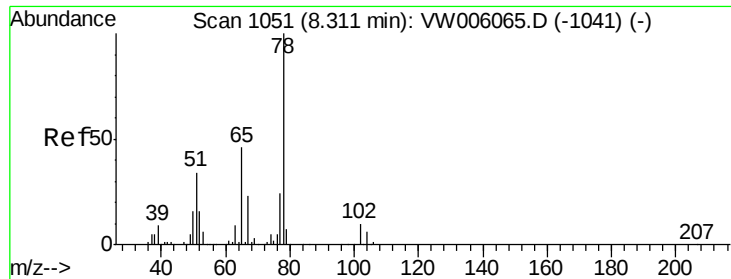
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	97	Resp:	91200
Ion Ratio	Lower	Upper	
97	100		
99	62.9	50.9	76.3
61	42.4	33.7	50.5





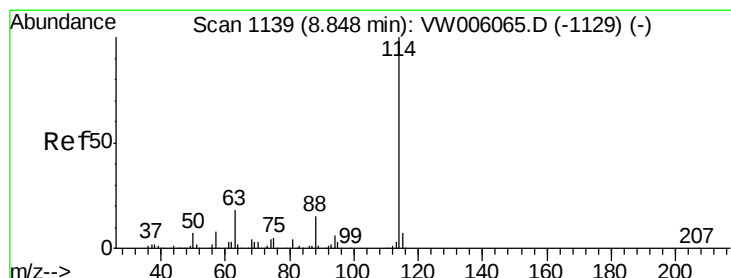
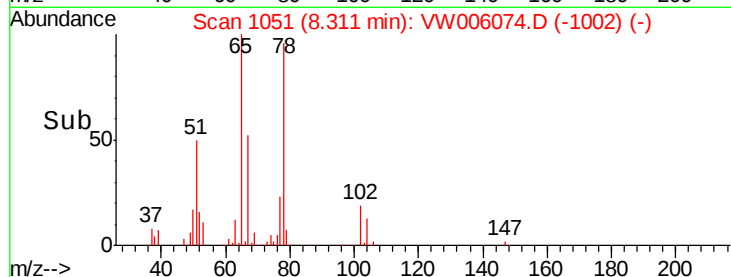
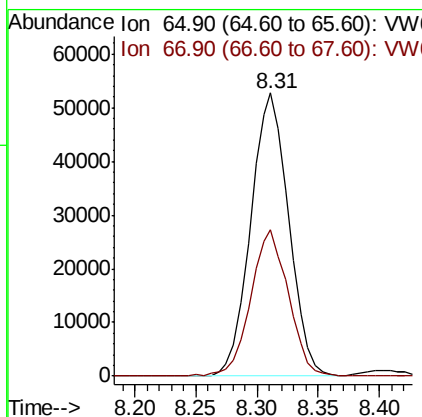
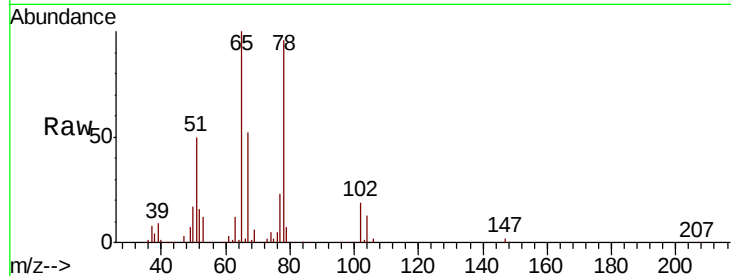
#33
 1,2-Dichloroethane-d4
 Concen: 45.377 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.4	0.0	101.0	

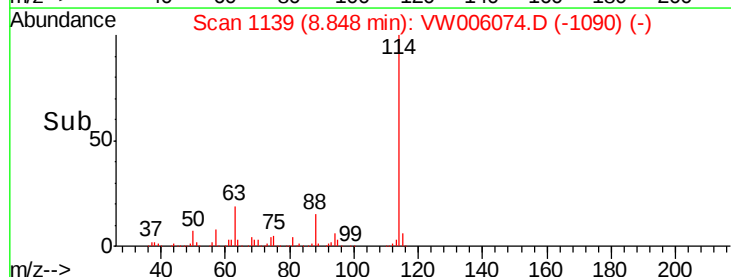
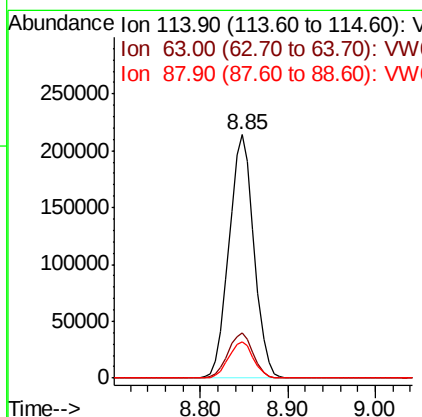
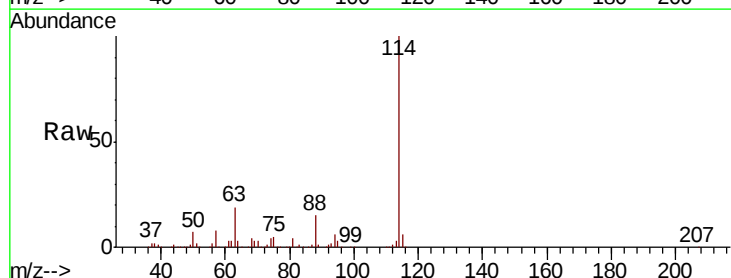
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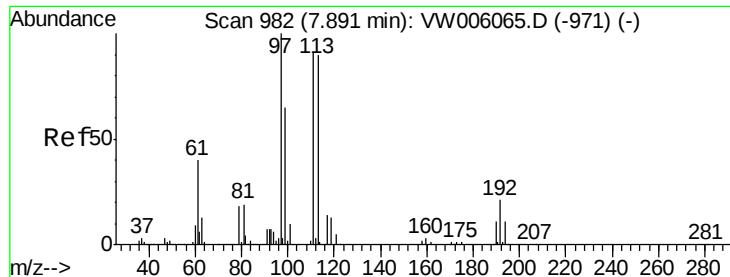
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	36.8	
88	14.8	0.0	29.0	





#35

Dibromofluoromethane

Concen: 46.820 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

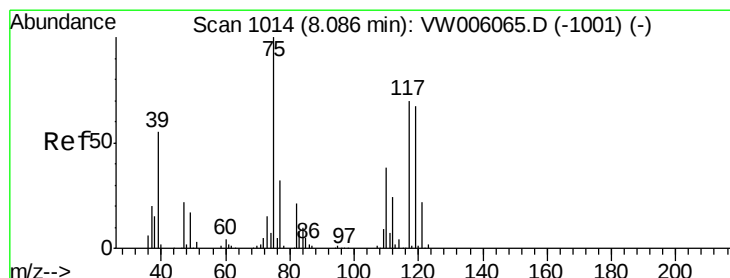
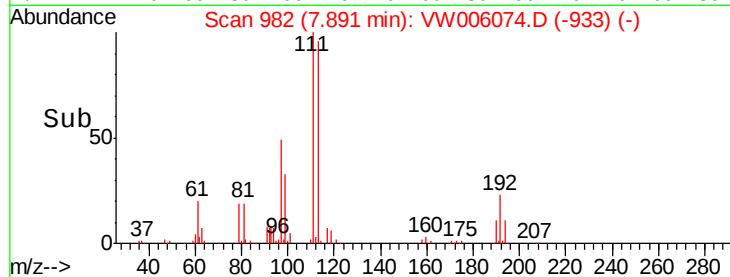
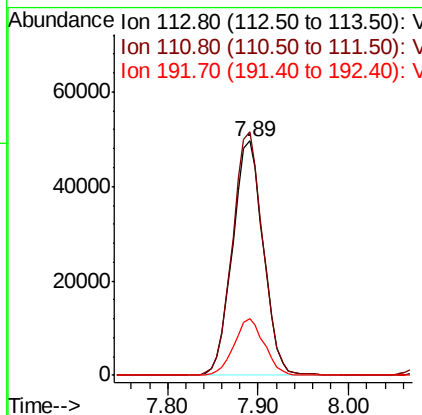
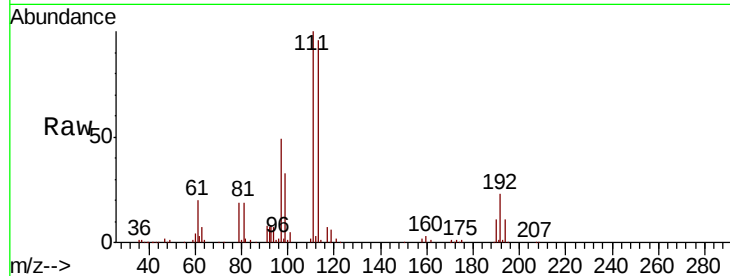
ClientSampled :

VW1016SBS01

Tot Ion:	113	Resp:	117014
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	23.4	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 20.774 ug/l

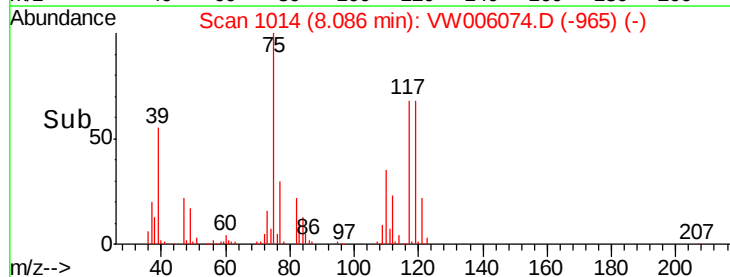
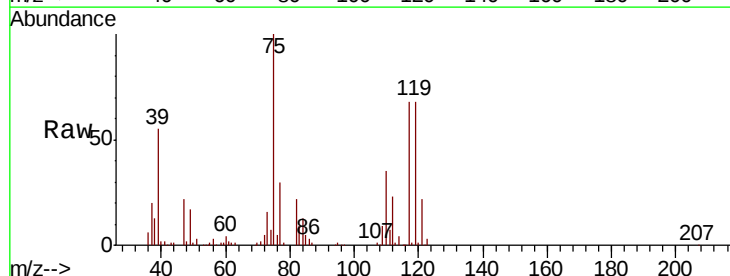
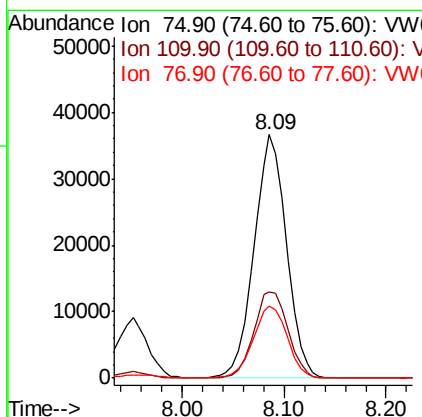
RT: 8.09 min Scan# 1014

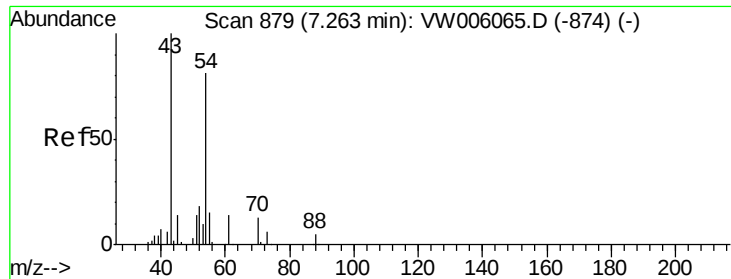
Delta R.T. 0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	75	Resp:	80986
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.1	57.1
77	31.3	25.0	37.4





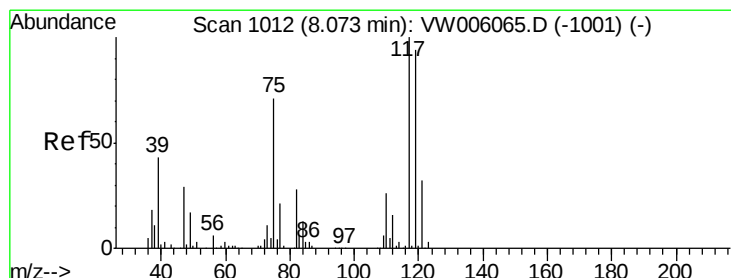
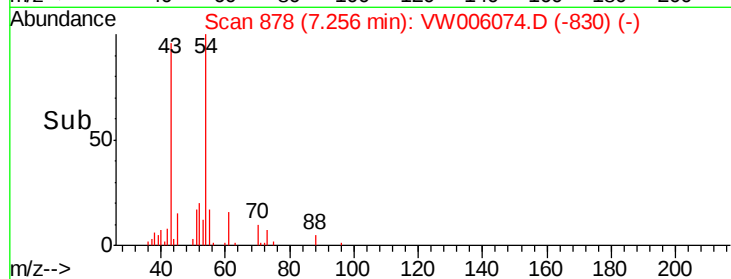
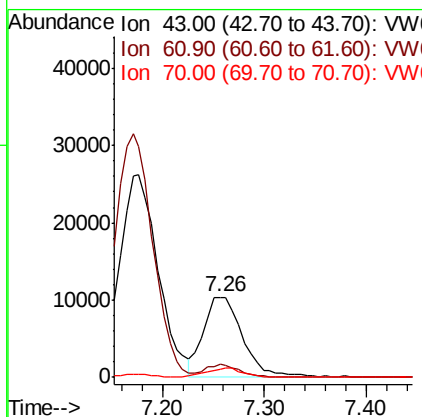
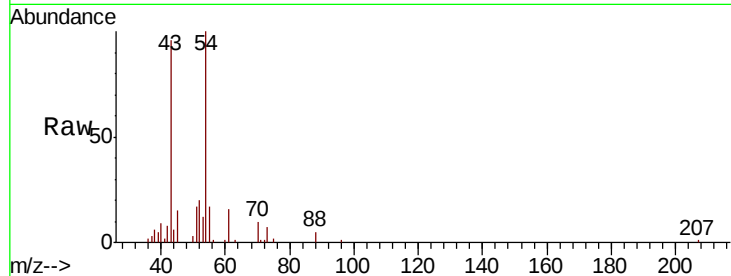
#37
Ethyl Acetate
Concen: 18.670 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.2	9.2	13.8

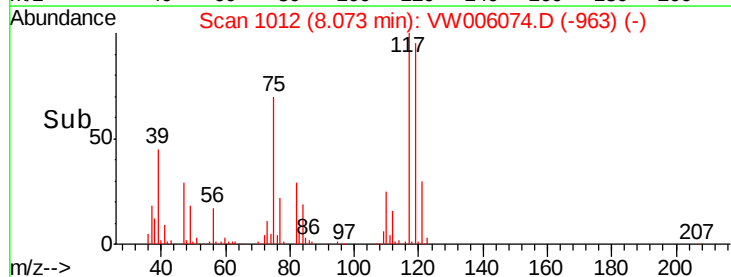
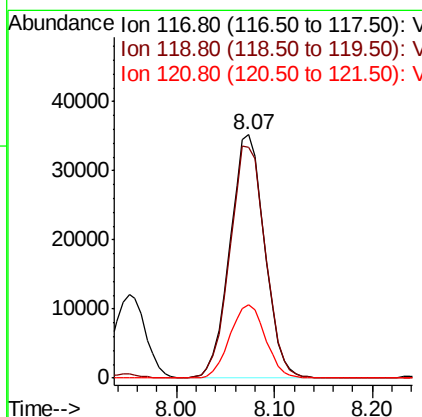
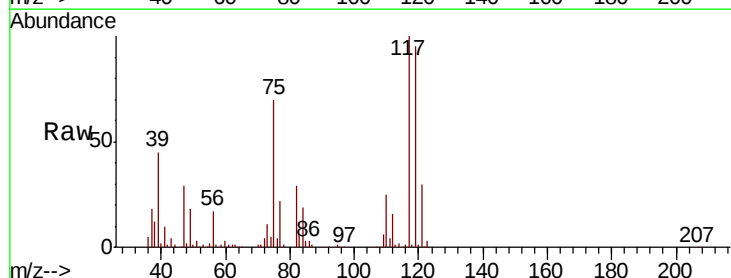
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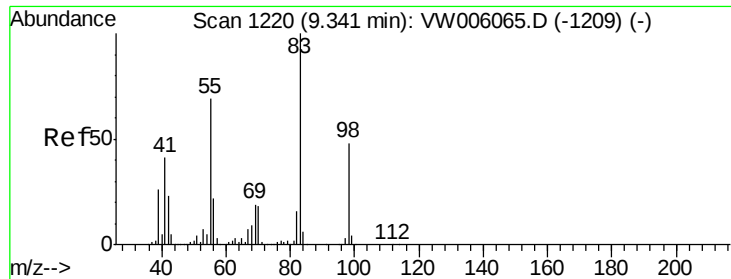
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#38
Carbon Tetrachloride
Concen: 20.255 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	30.0	25.3	37.9





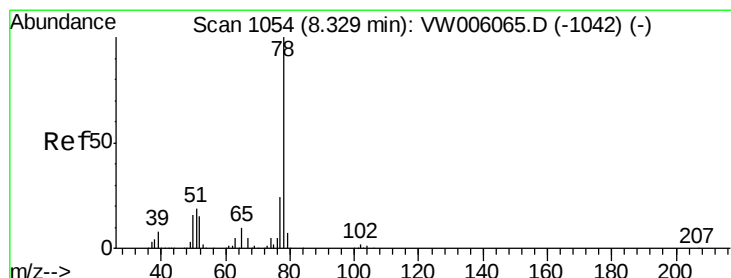
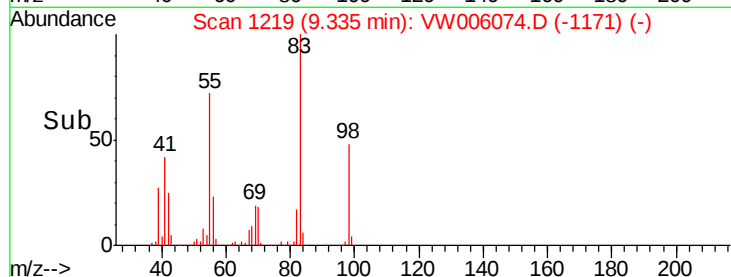
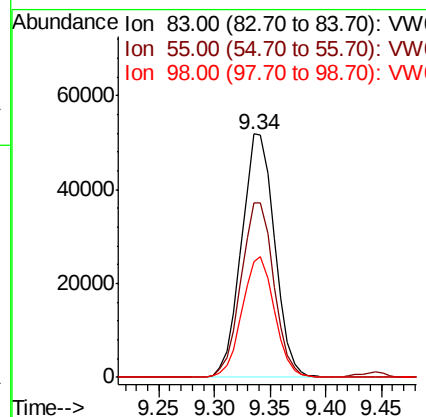
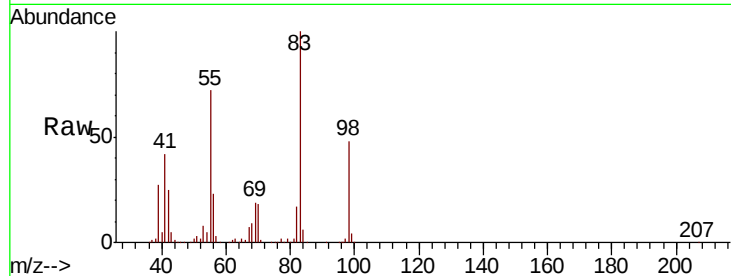
#39
Methvlcvclohexane
Concen: 20.698 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	55.0	82.6
98	47.7	38.6	57.8

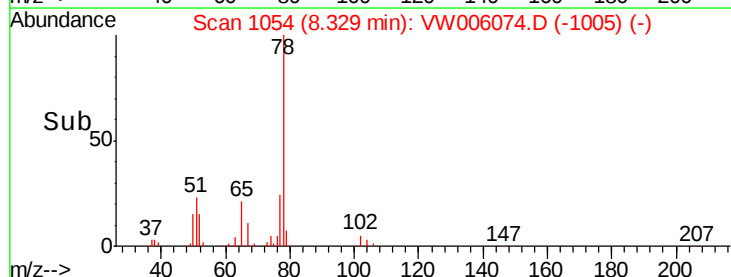
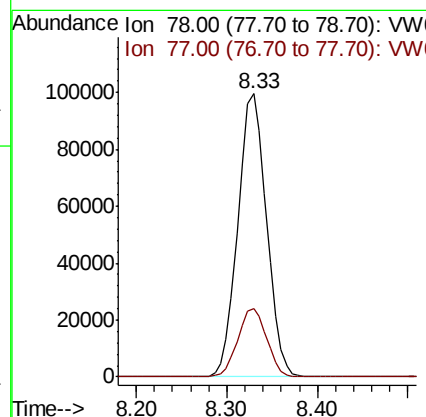
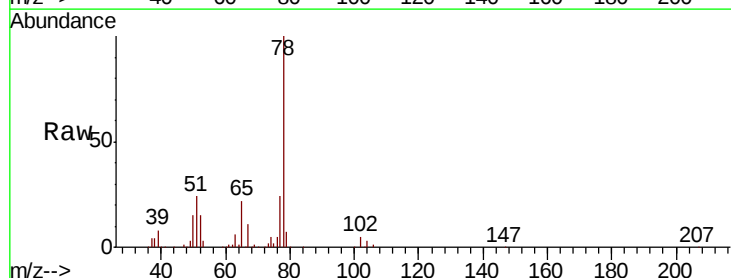
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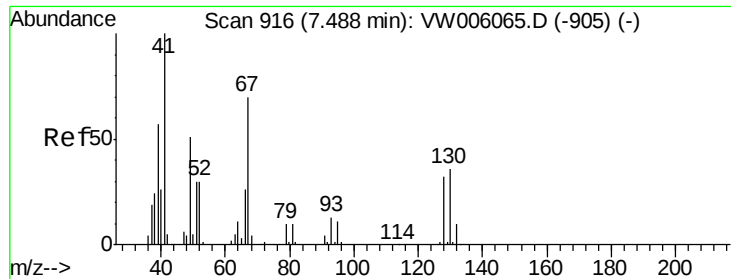
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#40
Benzene
Concen: 20.442 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





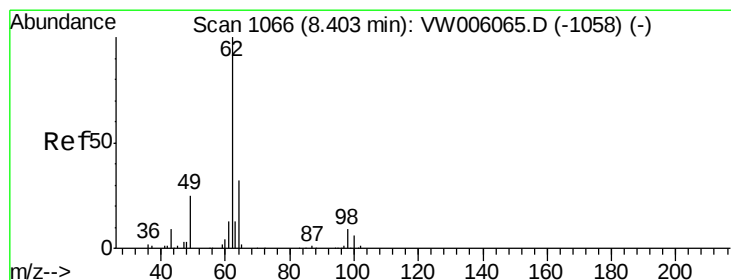
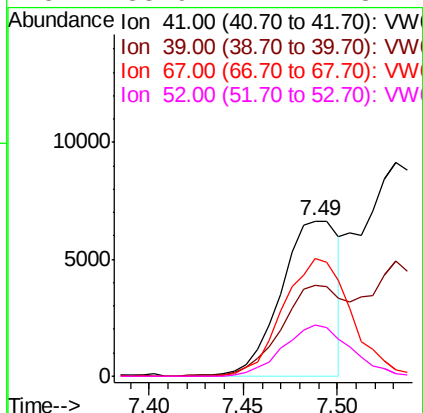
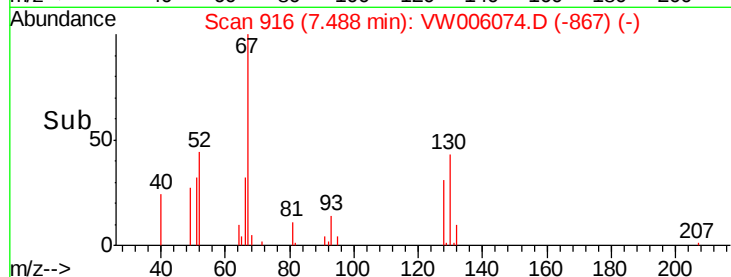
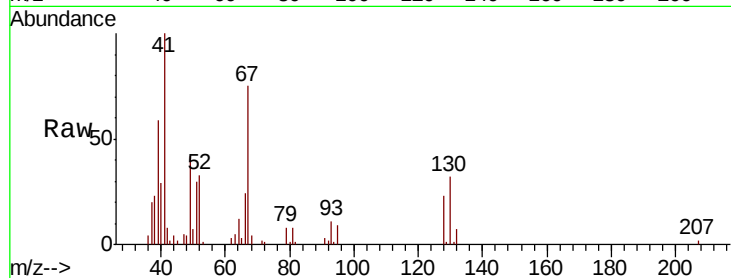
#41
Methacrylonitrile
Concen: 16.252 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.2	46.2	69.4
67	88.9	57.7	86.5#
52	38.9	24.7	37.1#

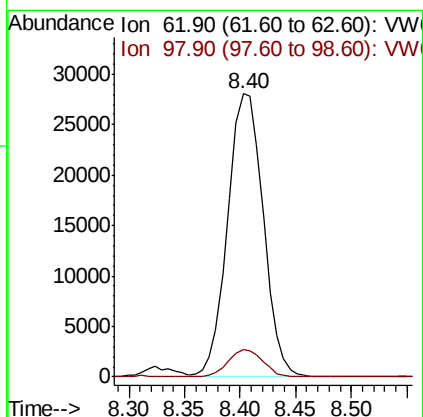
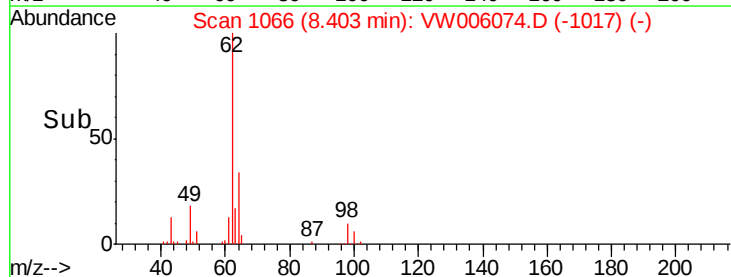
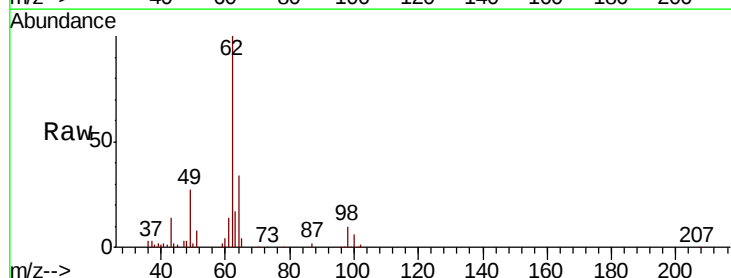
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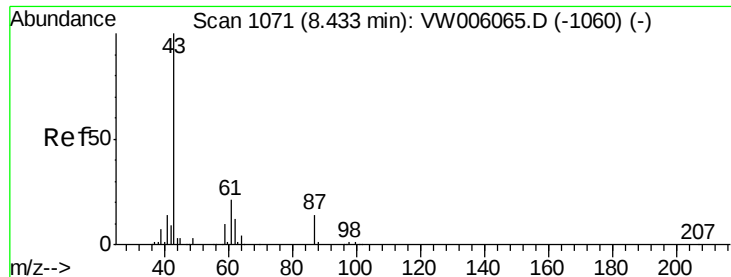
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#42
1,2-Dichloroethane
Concen: 19.876 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.585 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

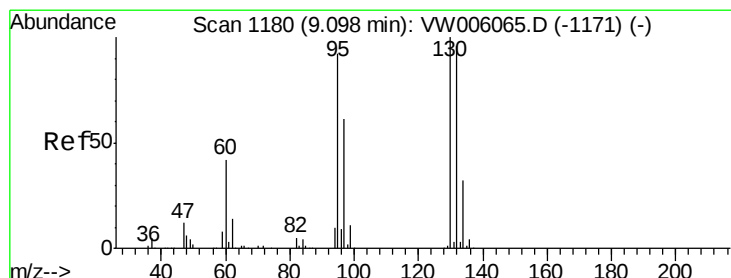
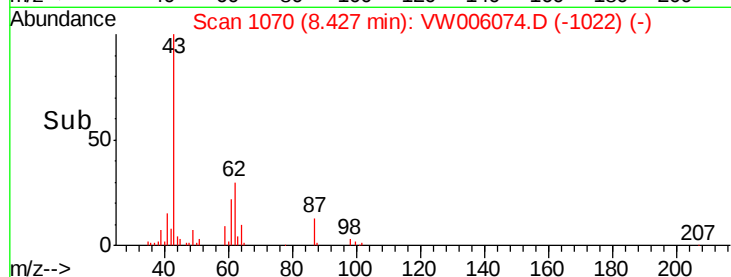
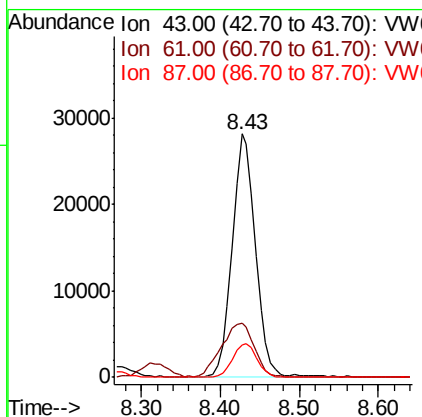
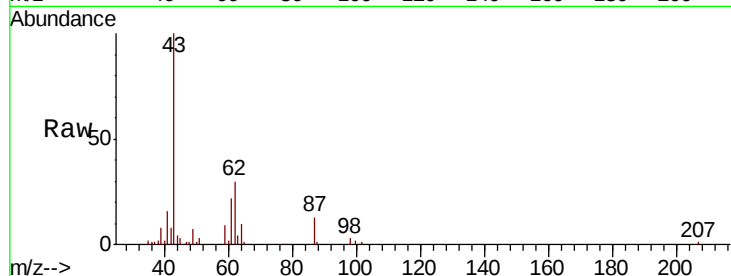
ClientSampleId :

VW1016SBS01

Tot Ion:	43	Resp:	58002
Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.5	38.3
87	14.2	11.7	17.5

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#44

Trichloroethene

Concen: 20.374 ug/l

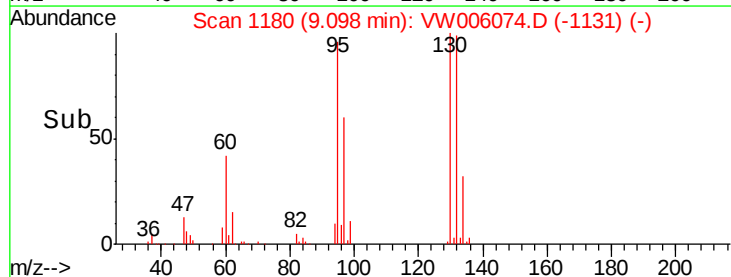
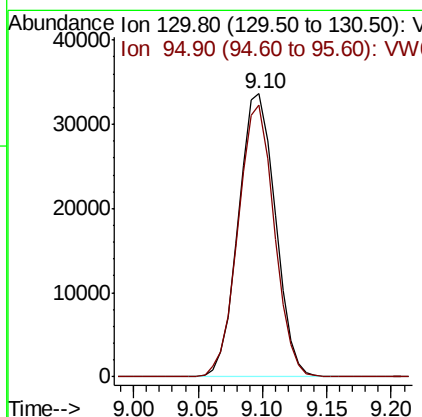
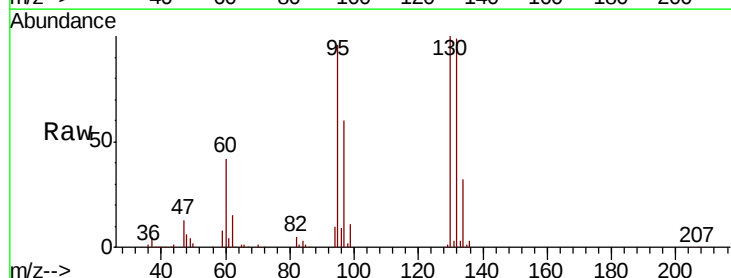
RT: 9.10 min Scan# 1180

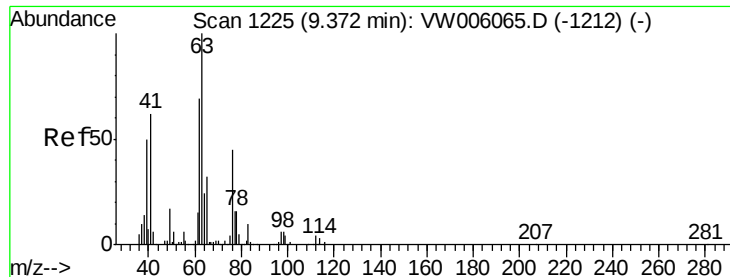
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	130	Resp:	66843
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	183.2





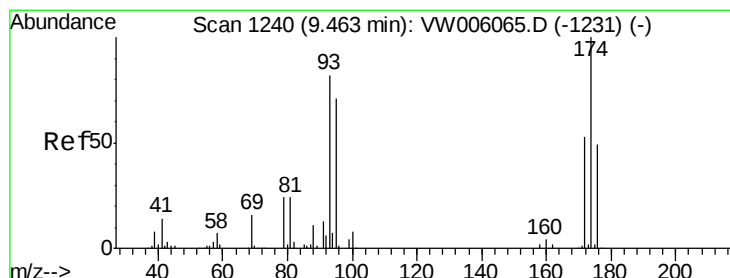
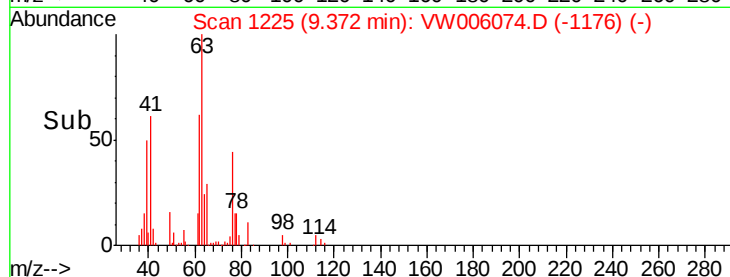
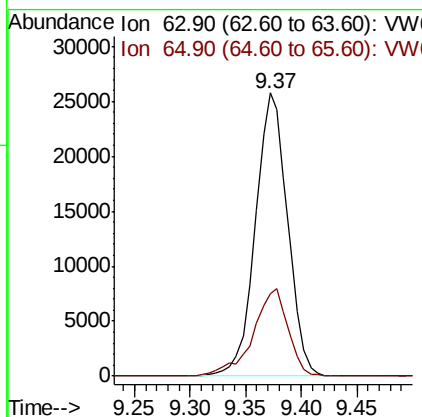
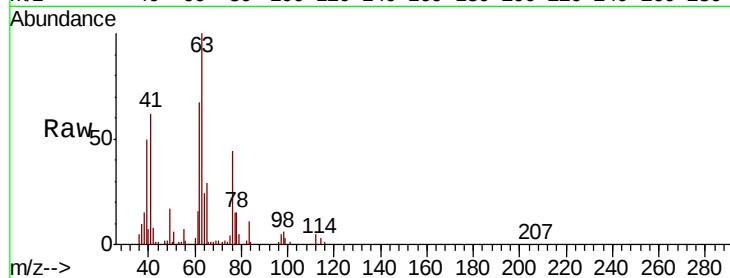
#45
 1,2-Dichloropropane
 Concen: 20.257 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	63	Resp	51838
Ion Ratio	Lower	Upper	
63	100		
65	29.1	25.4	38.0

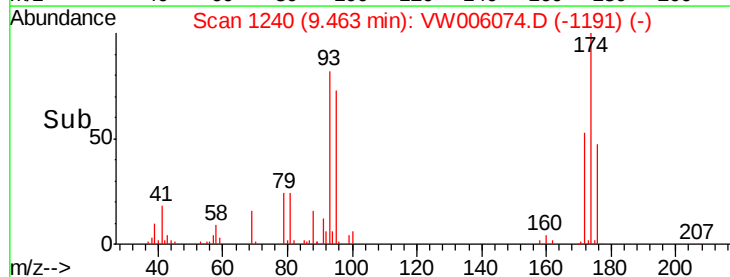
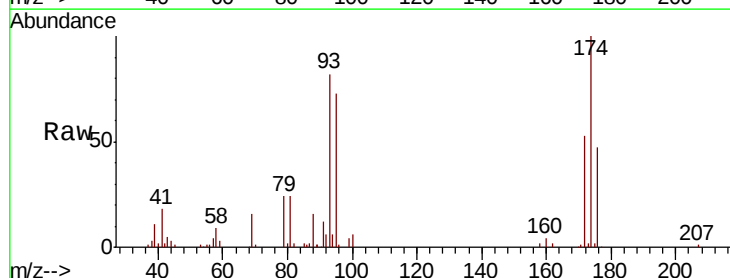
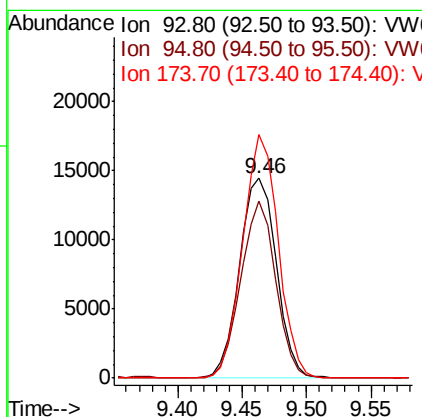
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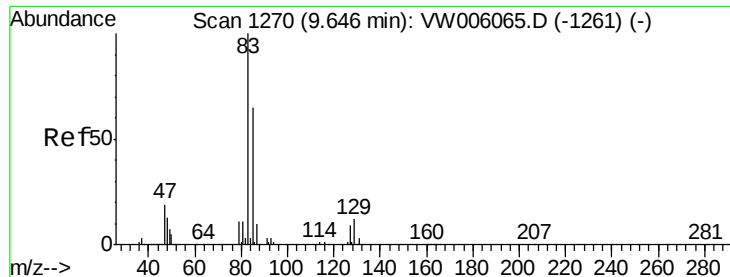
apatel
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#46
 Dibromomethane
 Concen: 19.683 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	93	Resp	28708
Ion Ratio	Lower	Upper	
93	100		
95	83.8	67.7	101.5
174	117.0	93.7	140.5





#47

Bromodichloromethane

Concen: 20.012 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

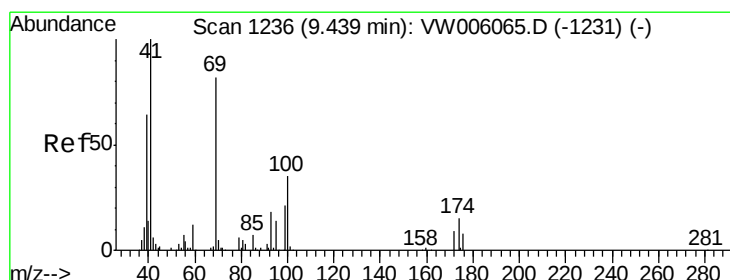
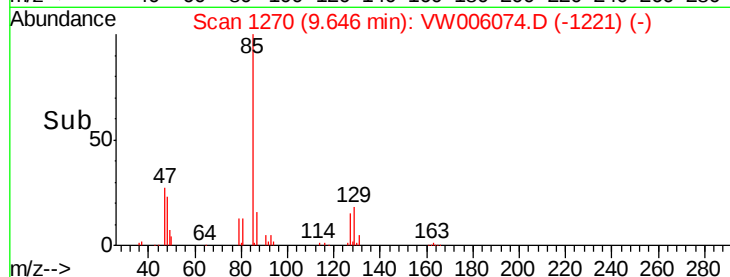
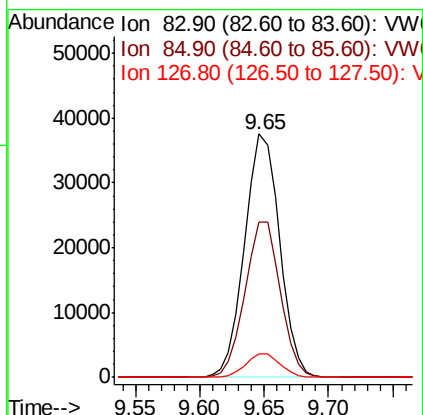
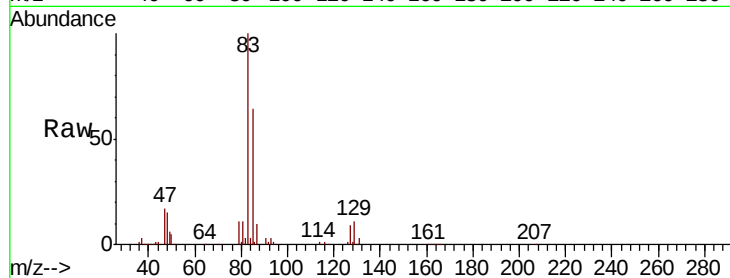
ClientSampleId :

VW1016SBS01

Tot Ion:	83	Resp:	70763
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8
127	9.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.612 ug/l

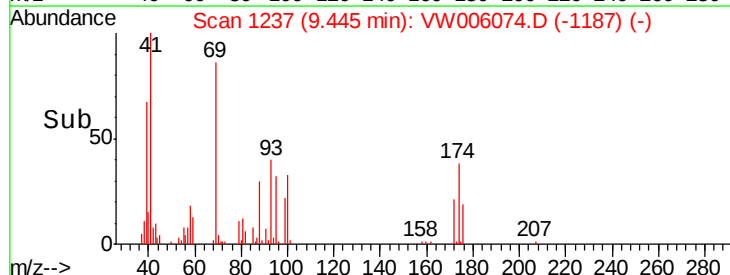
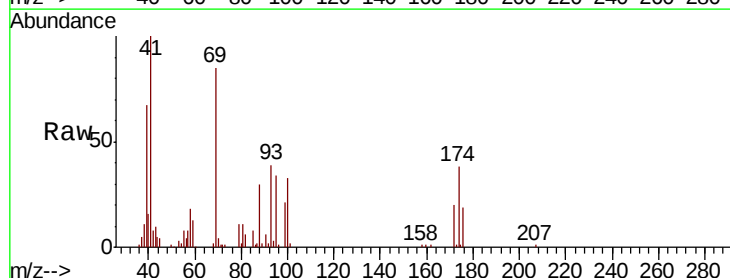
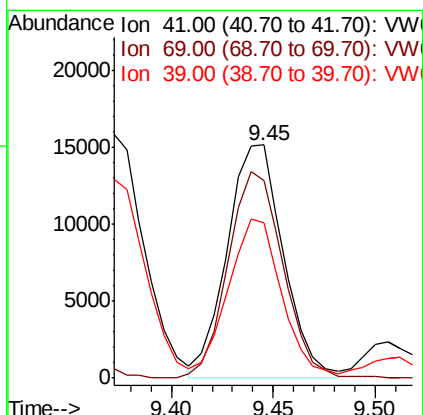
RT: 9.45 min Scan# 1237

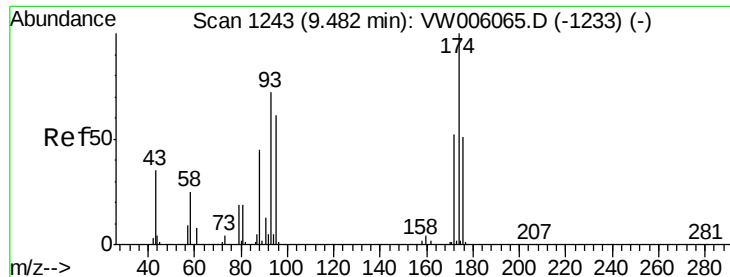
Delta R.T. 0.01 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	41	Resp:	28935
Ion	Ratio	Lower	Upper
41	100		
69	87.3	71.8	107.8
39	61.0	52.5	78.7





#49

1,4-Dioxane

Concen: 407.741 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.04 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

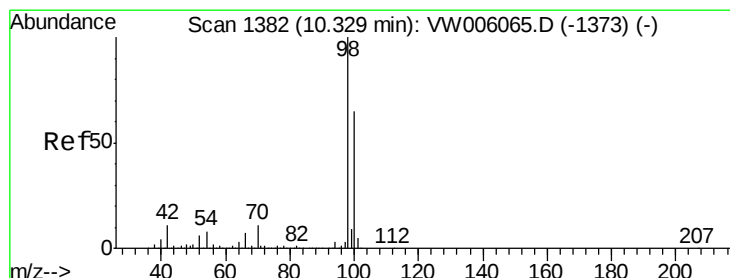
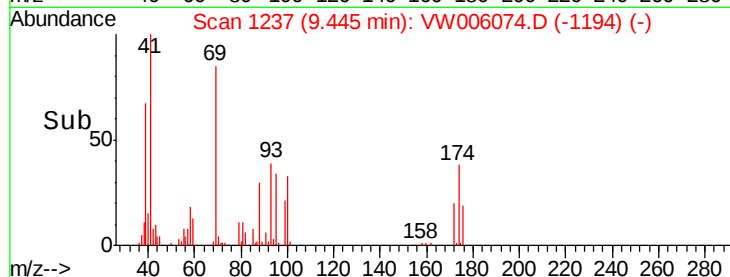
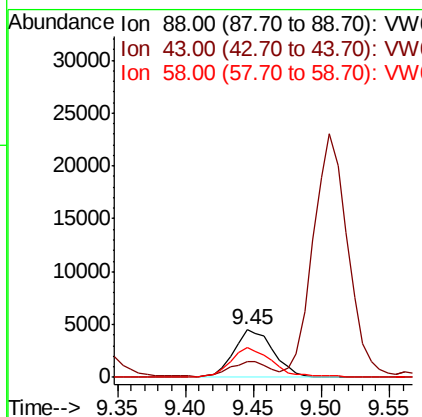
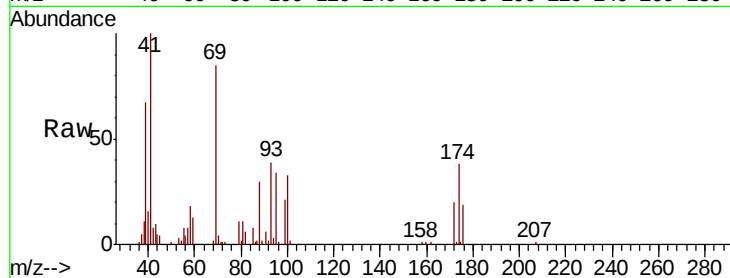
ClientSampleId :

VW1016SBS01

Tot Ion	88	Resp	9155
Ion	Ratio	Lower	Upper
88	100		
43	33.7	0.0	0.0#
58	66.1	51.2	76.8

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#50

Toluene-d8

Concen: 47.882 ug/l

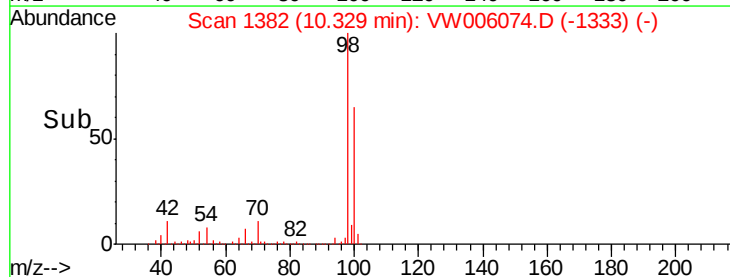
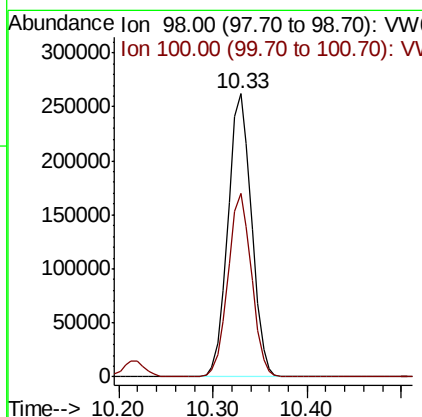
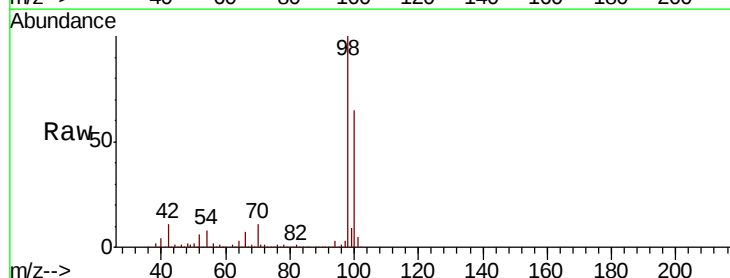
RT: 10.33 min Scan# 1382

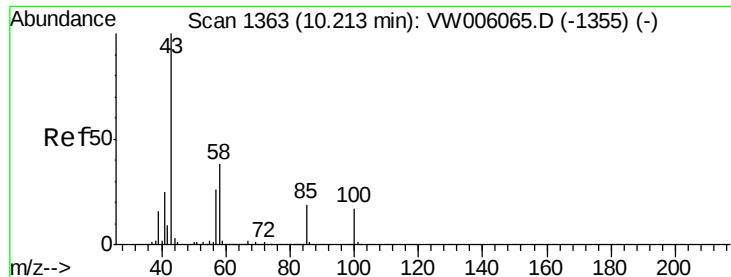
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion	98	Resp	455279
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 96.595 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 43 Resp: 143332

Ion Ratio Lower Upper

43 100

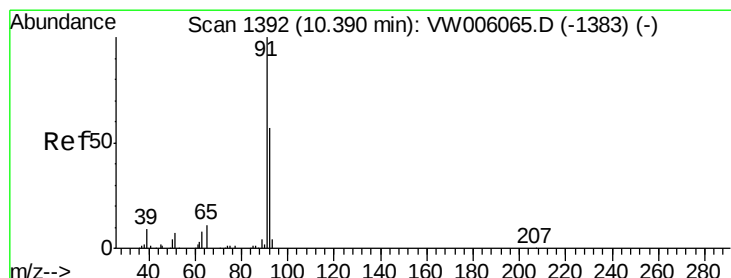
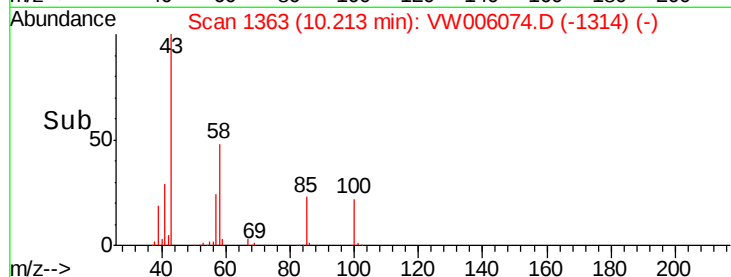
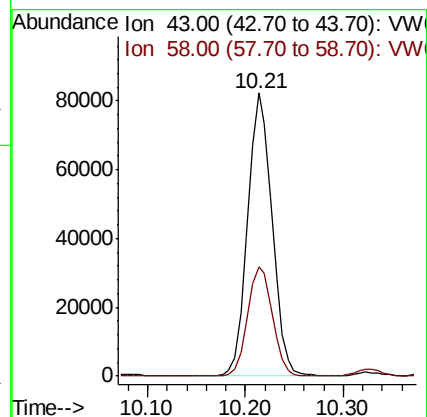
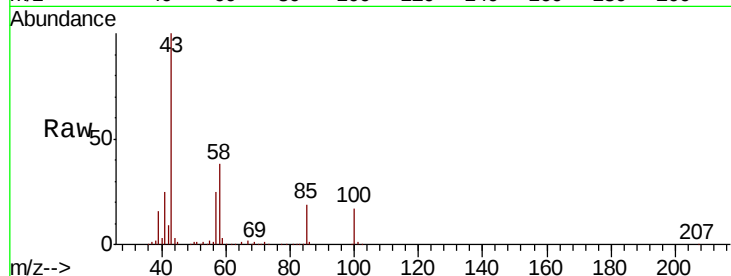
58 39.1 31.5 47.3

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#52

Toluene

Concen: 20.661 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006074.D

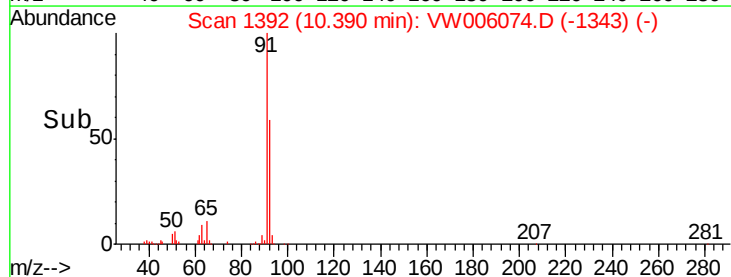
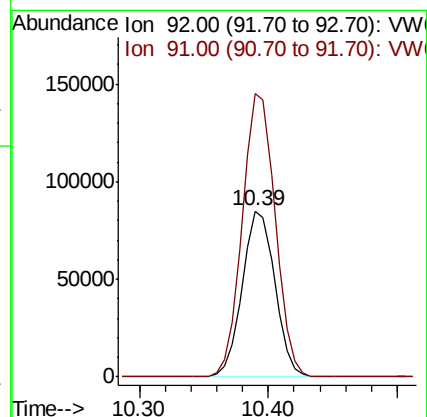
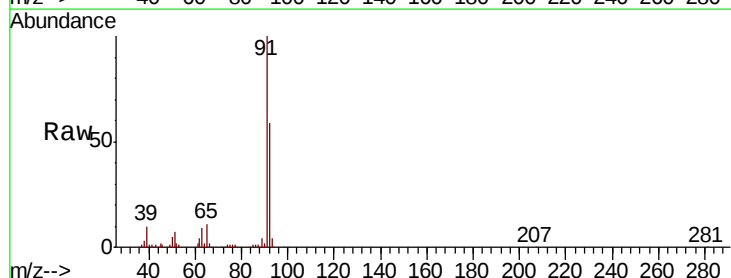
Acq: 16 Oct 2018 13:18

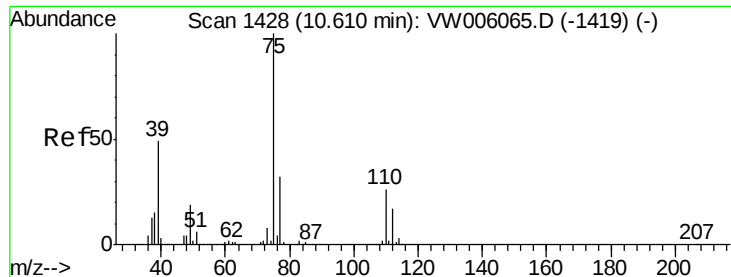
Tgt Ion: 92 Resp: 148131

Ion Ratio Lower Upper

92 100

91 173.2 140.0 210.0





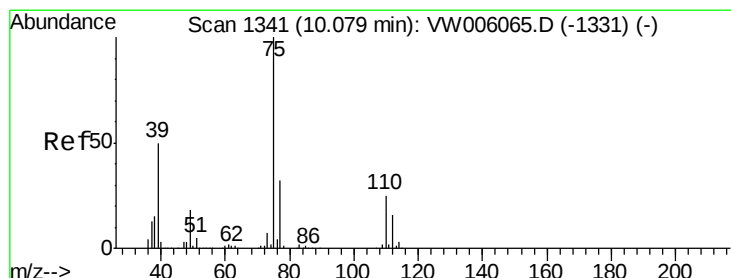
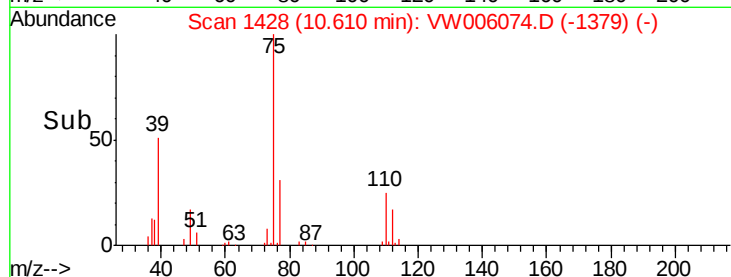
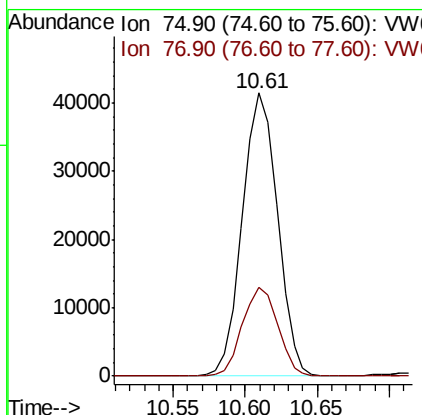
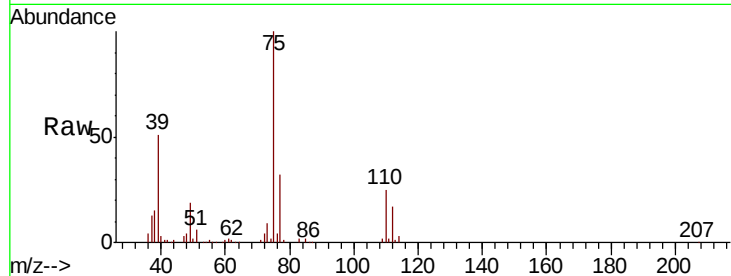
#53
 t-1,3-Dichloropropene
 Concen: 20.023 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion: 75 Resp: 70543
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

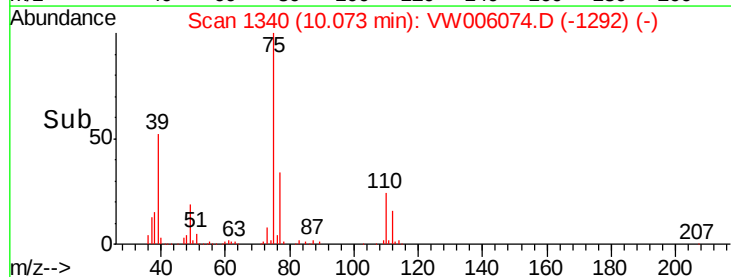
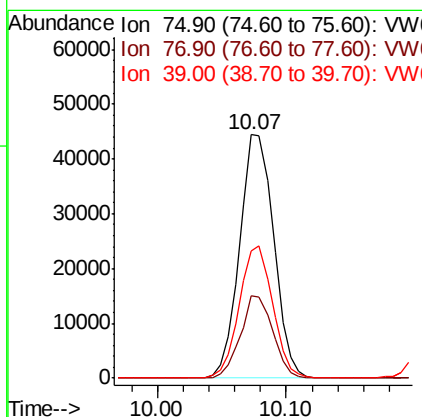
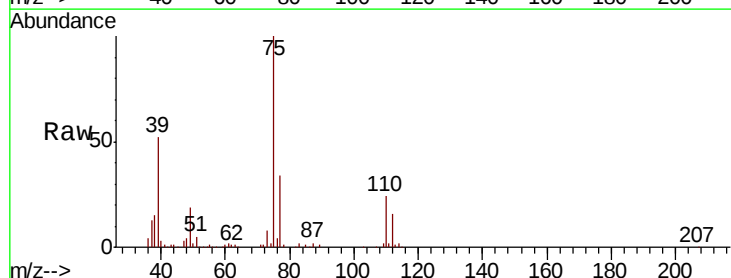
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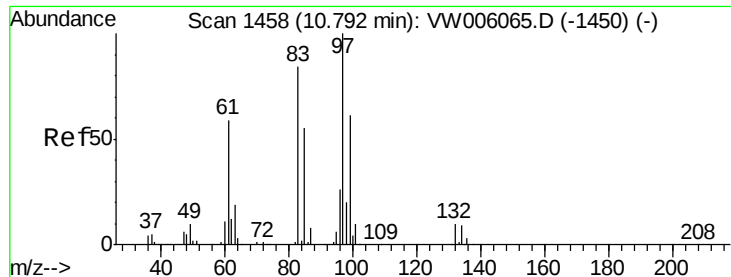
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#54
 cis-1,3-Dichloropropene
 Concen: 20.181 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion: 75 Resp: 81601
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.2 37.8
 39 52.3 39.9 59.9





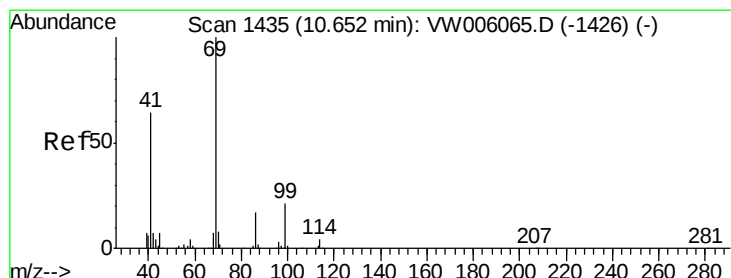
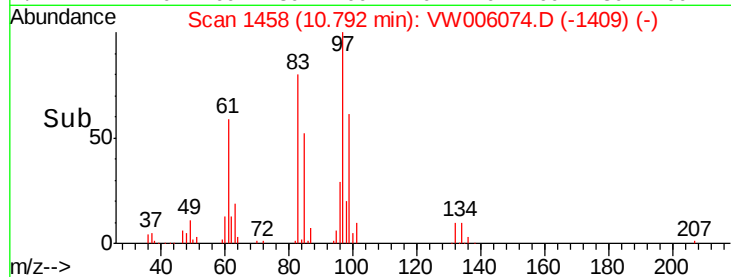
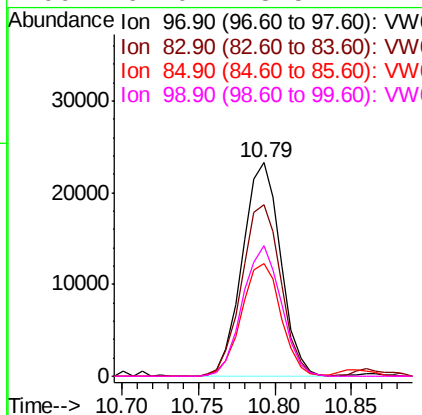
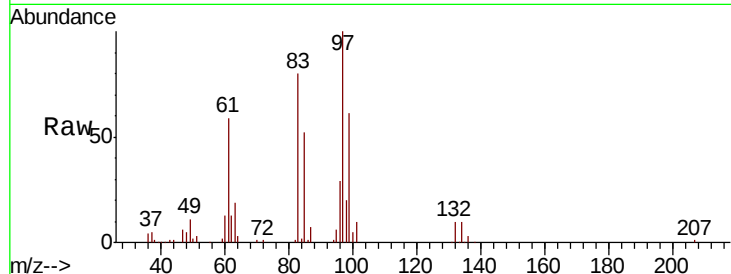
#55
 1,1,2-Trichloroethane
 Concen: 19.799 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion:	97	Resp:	40409
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.2	100.8
85	52.5	43.7	65.5
99	61.0	48.5	72.7

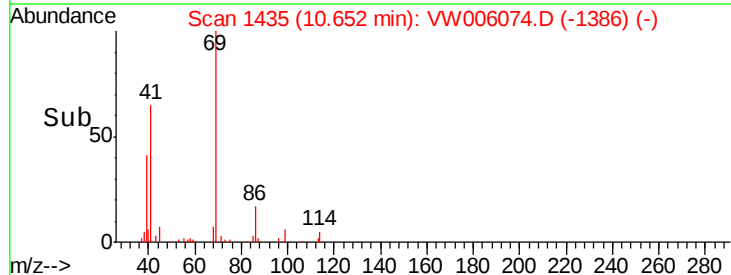
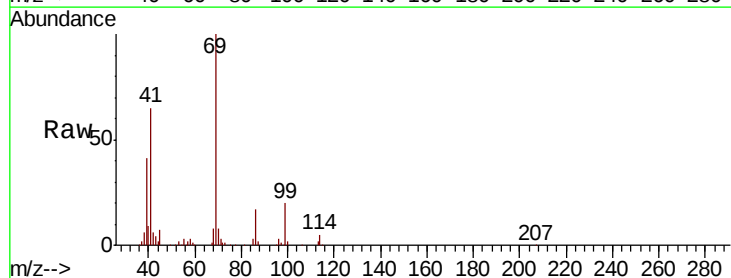
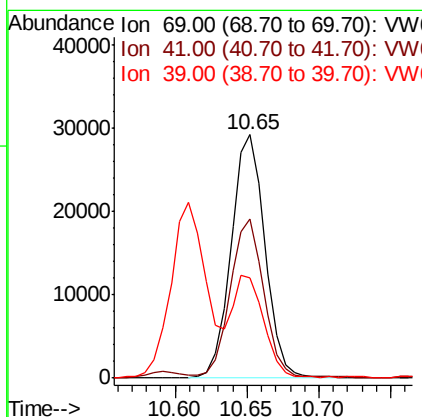
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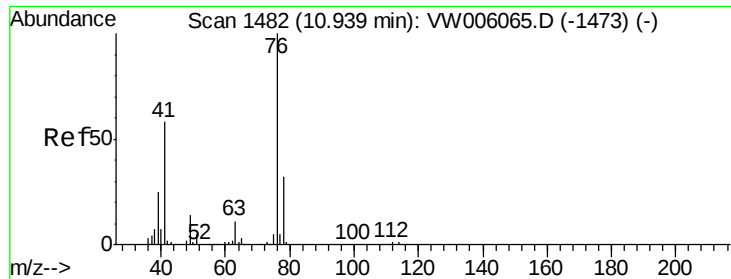
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#56
 Ethyl methacrylate
 Concen: 19.188 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion:	69	Resp:	48011
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.8	79.2
39	37.9	30.6	45.8





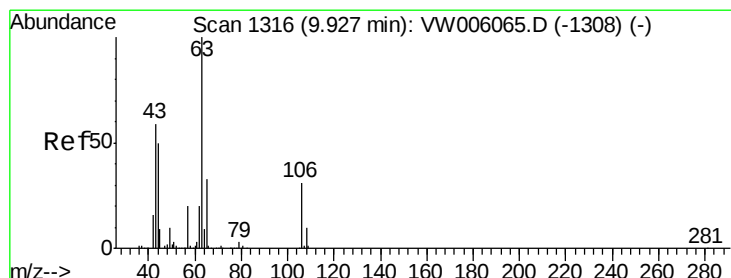
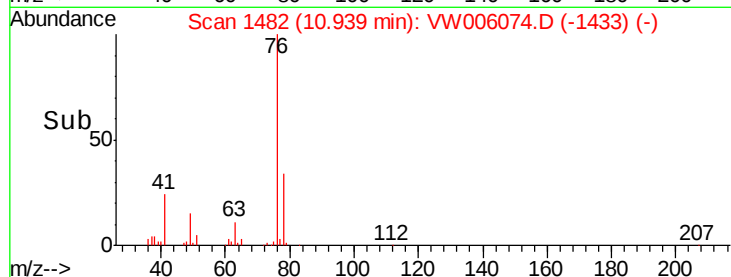
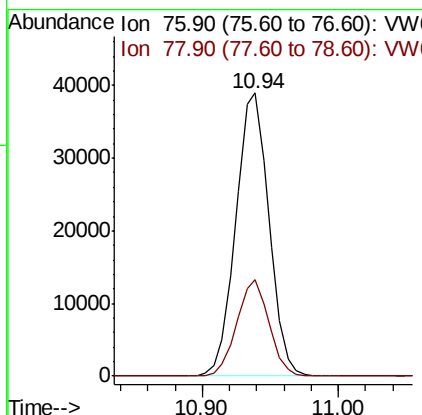
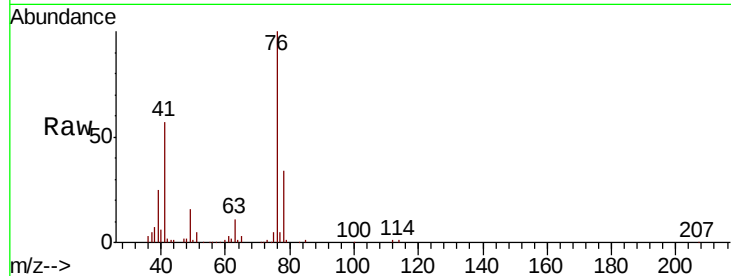
#57
 1,3-Dichloropropane
 Concen: 19.591 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBSD01

Tot Ion: 76 Resp: 66193
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.9 38.9

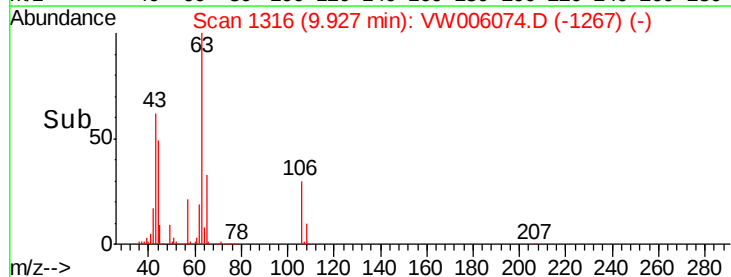
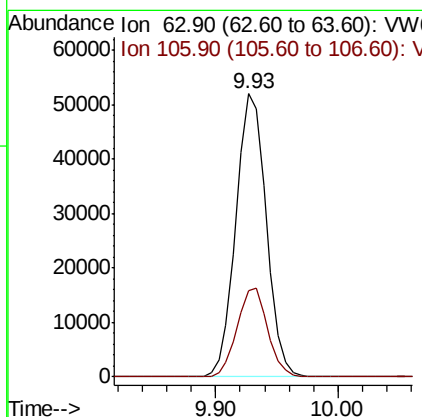
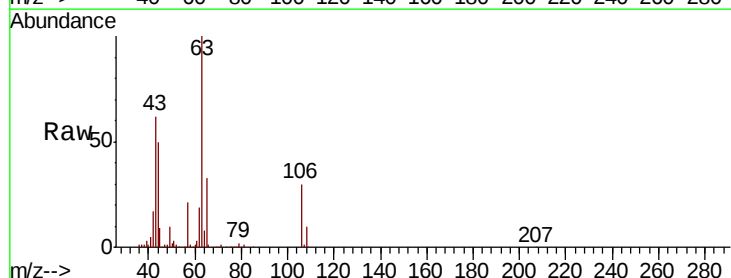
Manual Integrations
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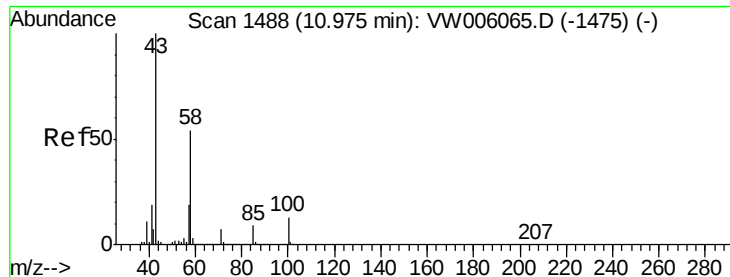
apatel
 10/17/2018 10:04:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.541 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion: 63 Resp: 89433
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.5 36.7





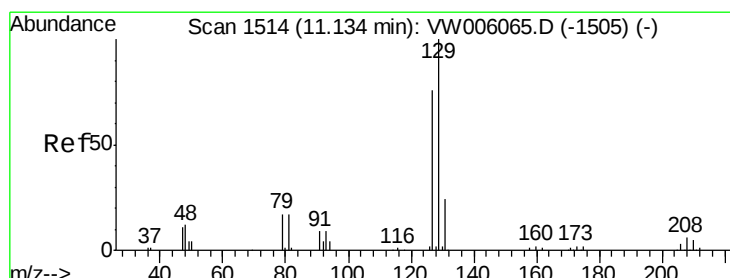
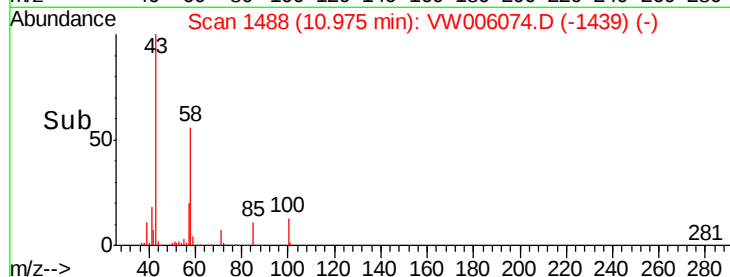
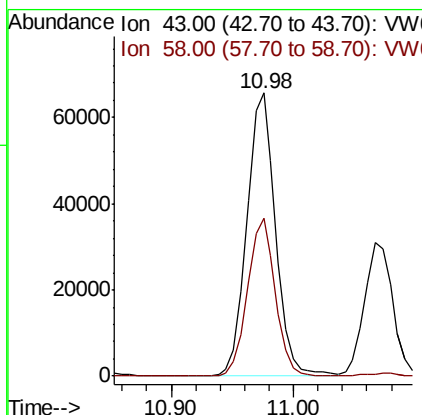
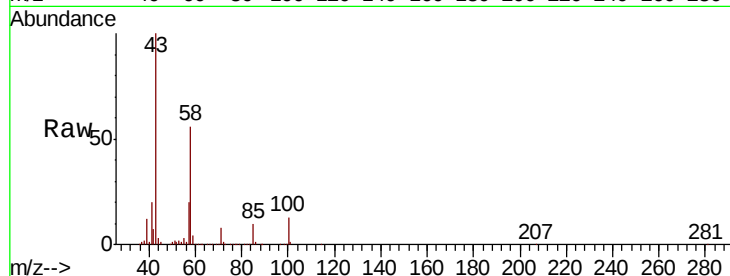
#59
2-Hexanone
Concen: 101.008 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion: 43 Resp: 106990
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.6

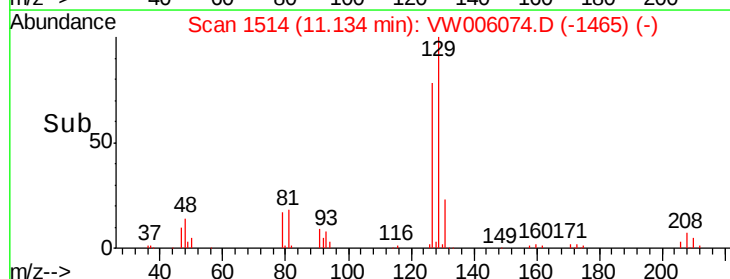
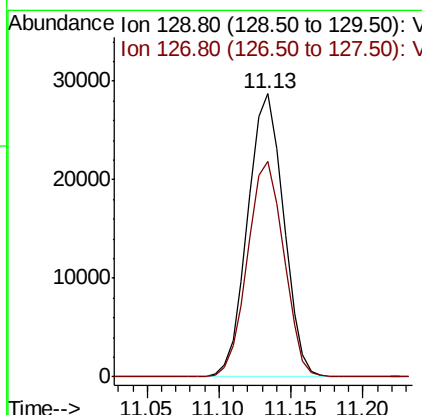
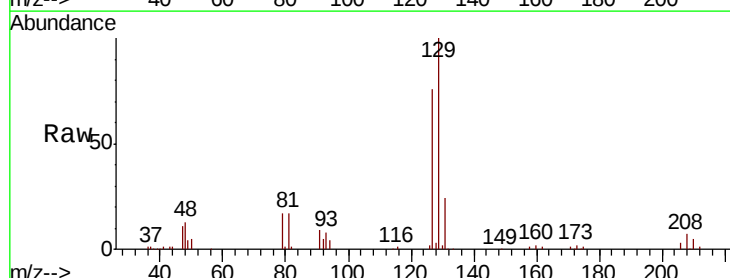
Manual Integrations
APPROVED

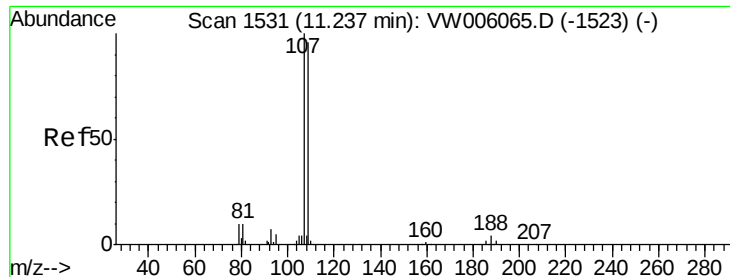
apatel
10/17/2018 10:04:48 AM



#60
Dibromochloromethane
Concen: 19.527 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion: 129 Resp: 49643
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.646 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 107 Resp: 40065

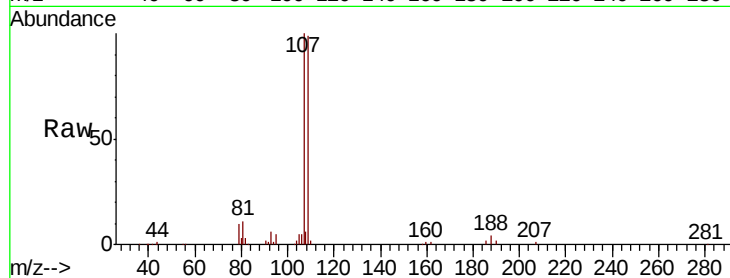
Ion Ratio Lower Upper

107 100

109 94.3 76.3 114.5

Manual Integrations
APPROVED

apatel
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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

25000

20000

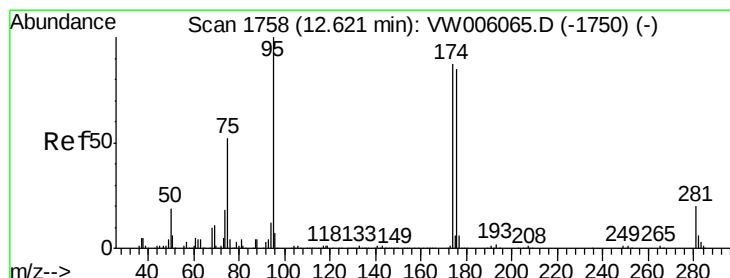
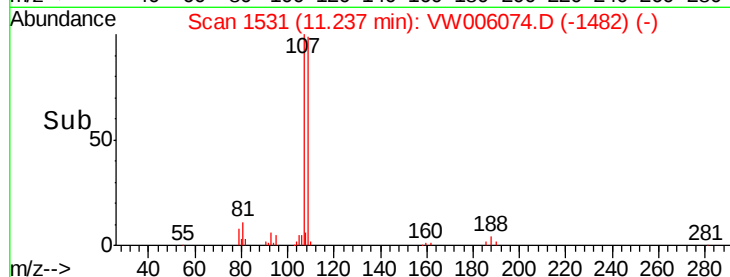
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.964 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

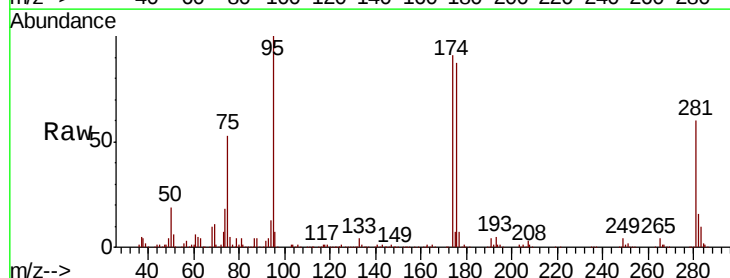
Tgt Ion: 95 Resp: 167720

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 91.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

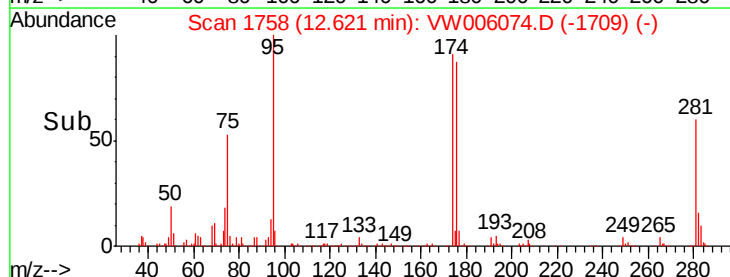
12.62

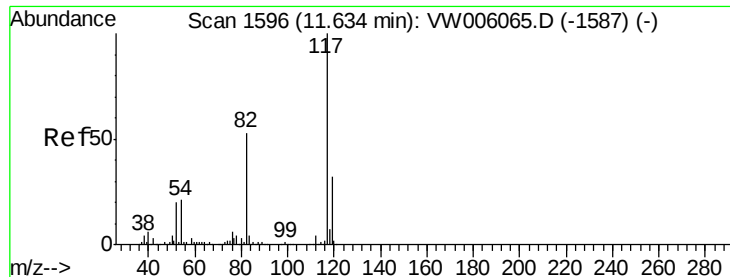
100000

50000

0

Time-->





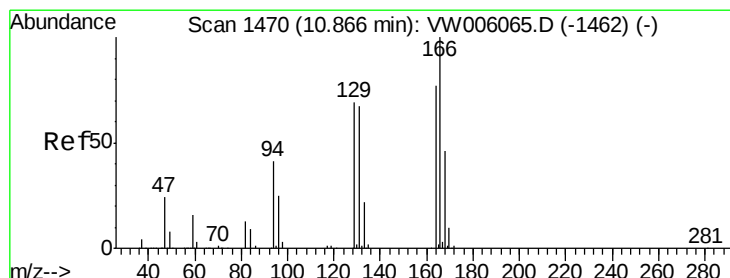
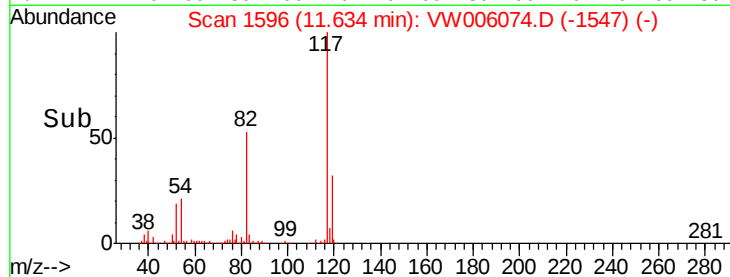
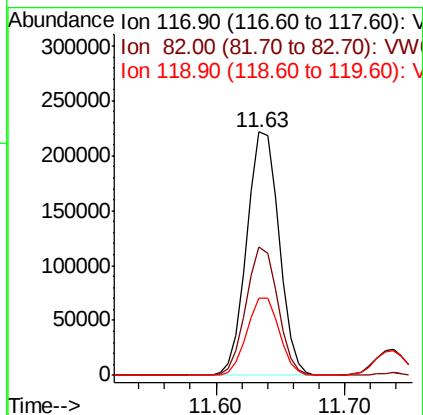
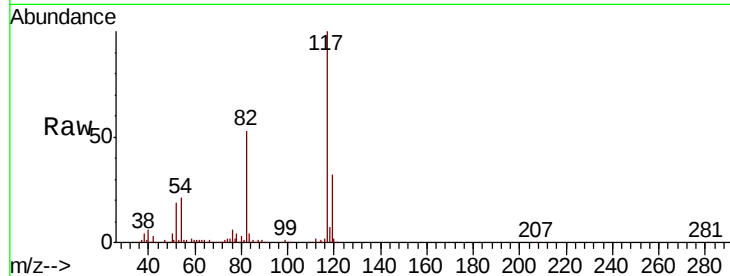
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	31.8	25.8	38.6

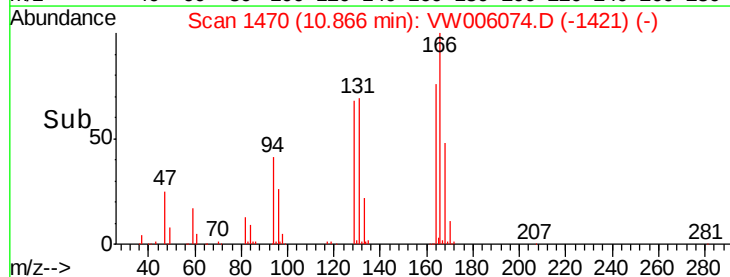
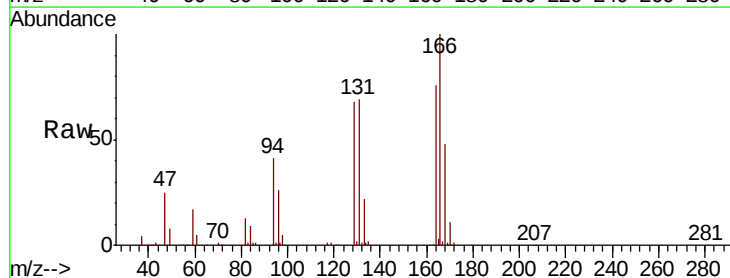
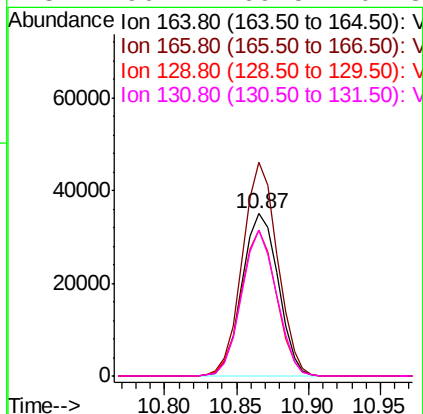
Manual Integrations
APPROVED

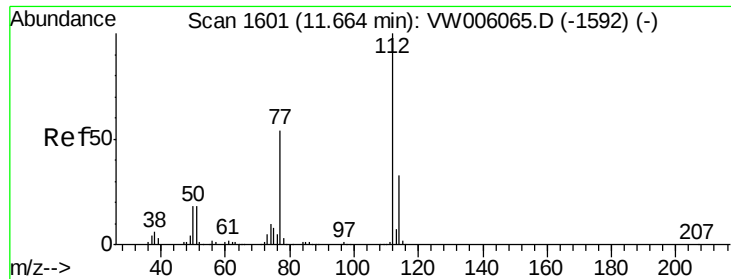
apatel
10/17/2018 10:04:48 AM



#64
Tetrachloroethene
Concen: 20.556 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.4	155.0
129	90.1	71.8	107.8
131	90.4	69.5	104.3





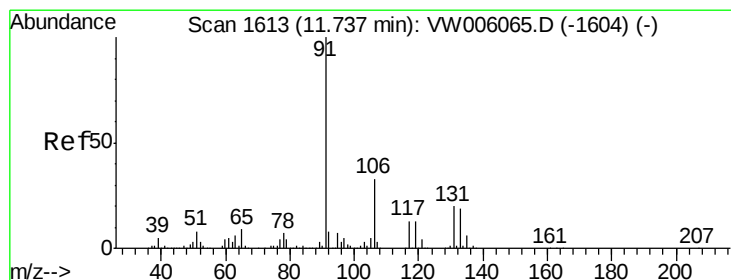
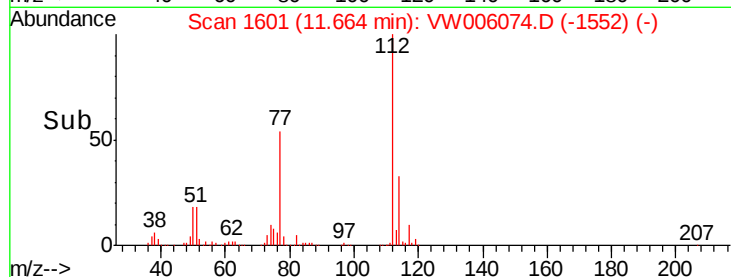
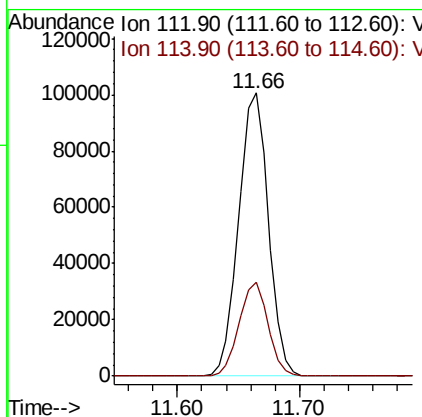
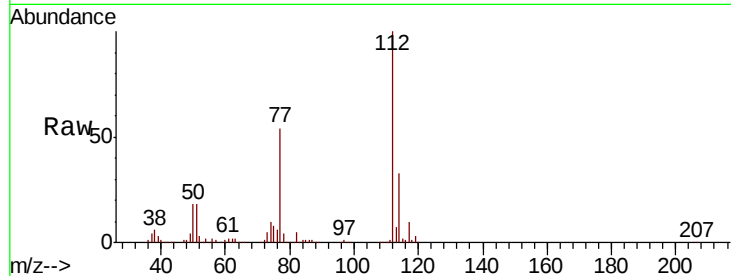
#65
Chlorobenzene
Concen: 20.700 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	169681		
114	33.1	26.2	39.2	

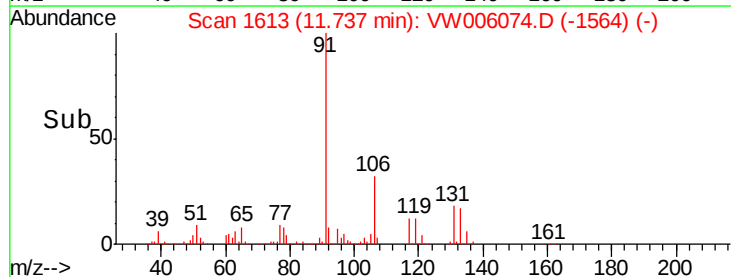
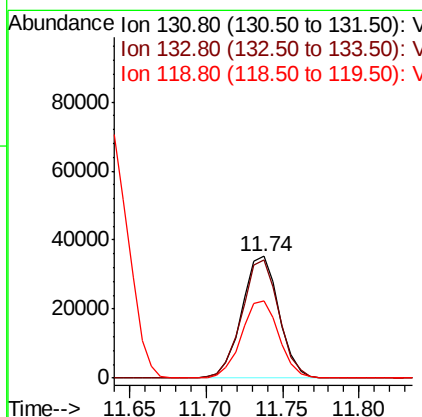
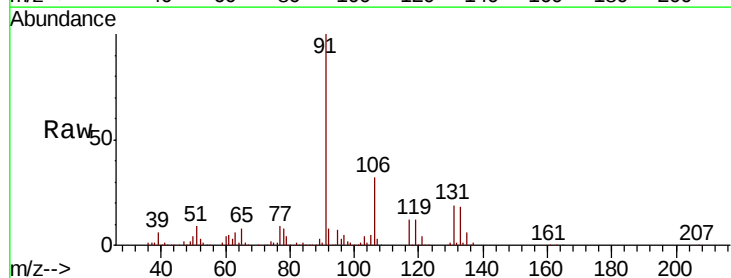
Manual Integrations
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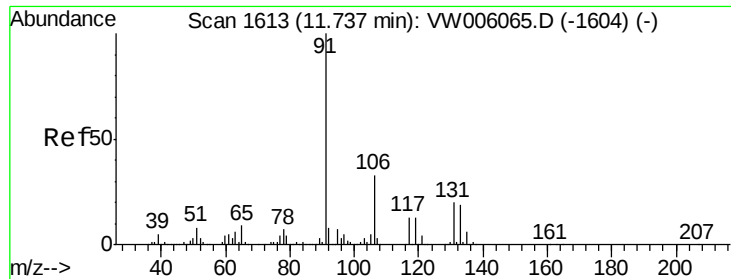
apatel
10/17/2018 10:04:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.514 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	59759		
133	96.1	48.1	144.3	
119	64.0	31.6	94.7	





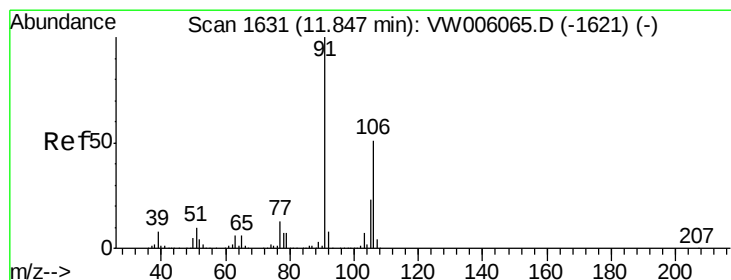
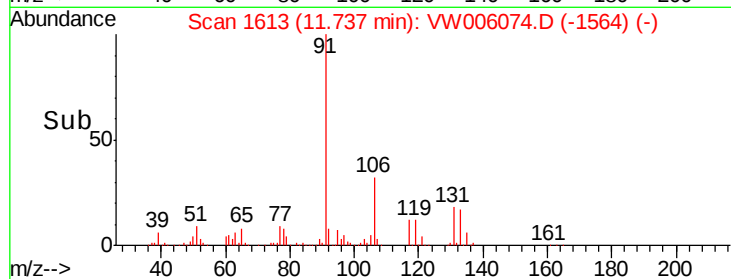
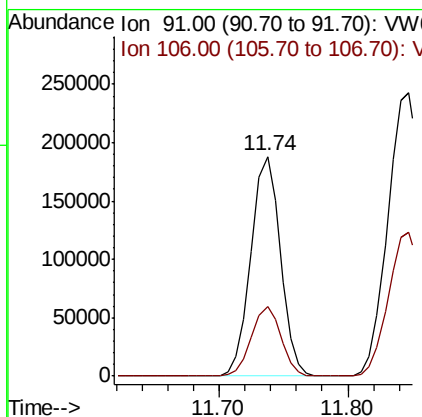
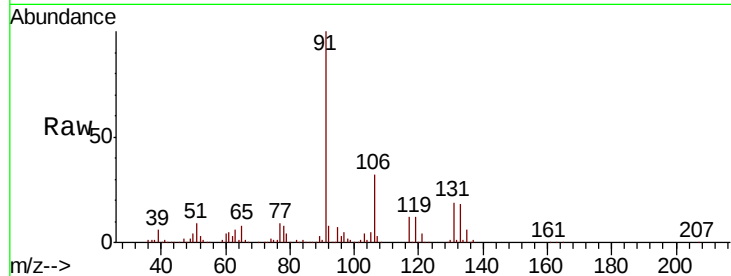
#67
Ethyl Benzene
Concen: 20.915 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion: 91 Resp: 297109
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1

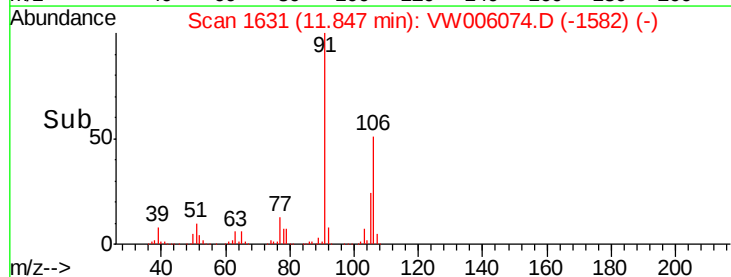
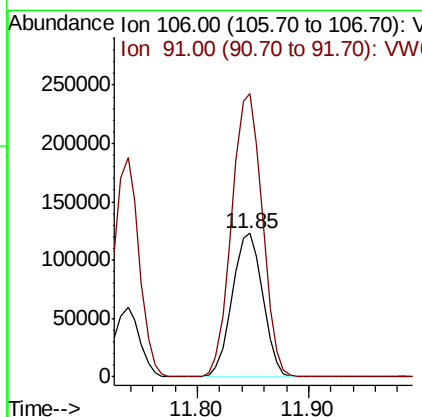
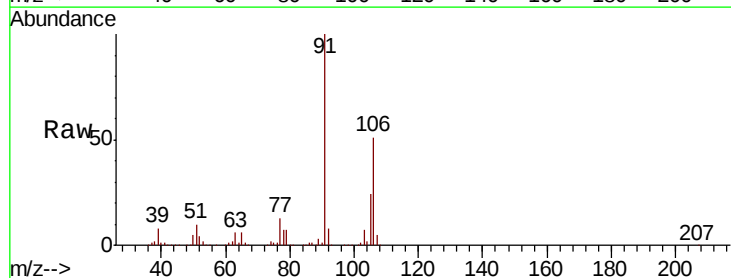
Manual Integrations
APPROVED

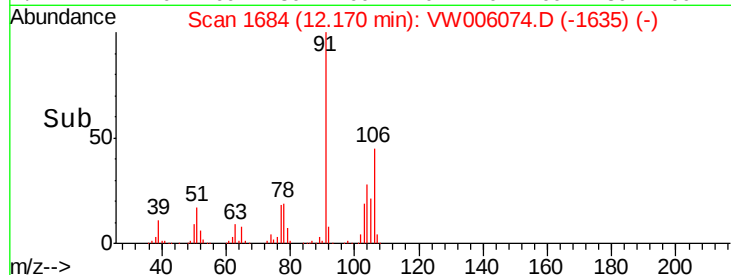
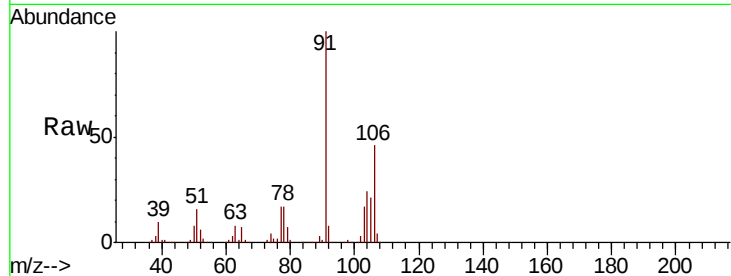
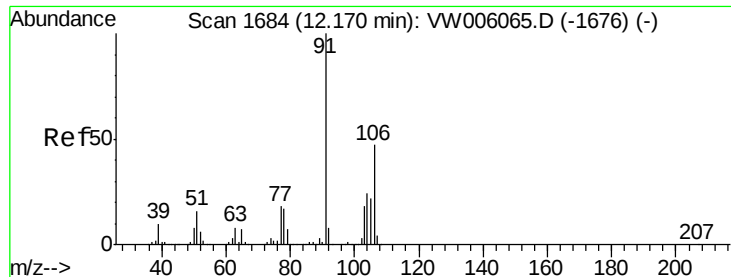
apatel
10/17/2018 10:04:48 AM



#68
m/p-Xylenes
Concen: 41.612 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion: 106 Resp: 233645
Ion Ratio Lower Upper
106 100
91 197.7 159.1 238.7





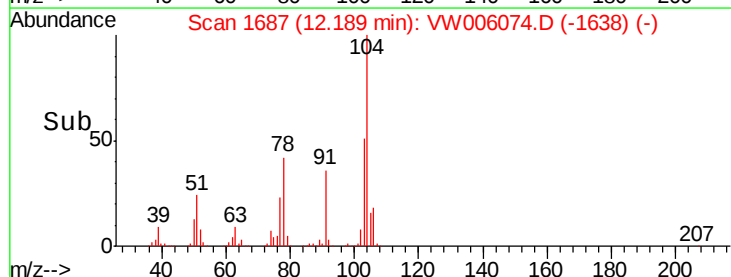
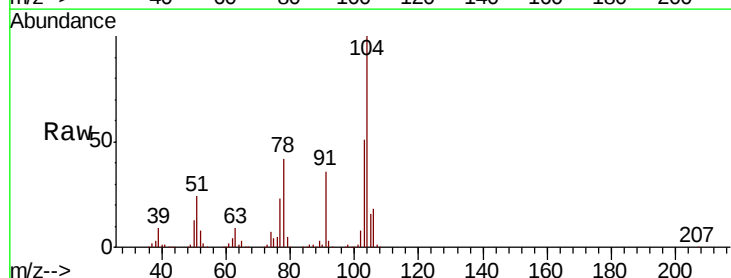
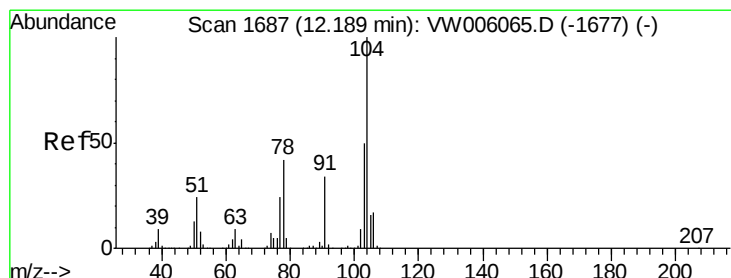
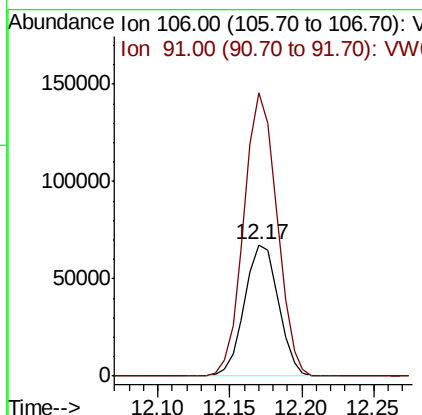
#69
o-Xylene
Concen: 20.646 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		110480		
91	210.8	105.4	316.1		

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

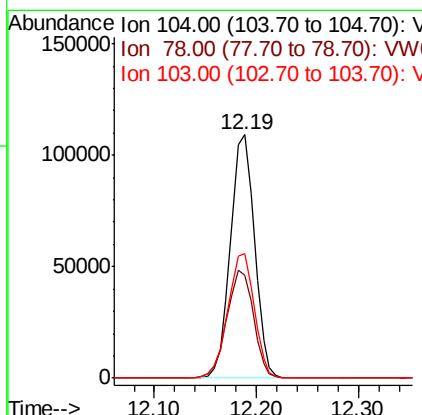
Manual Integrations
APPROVED

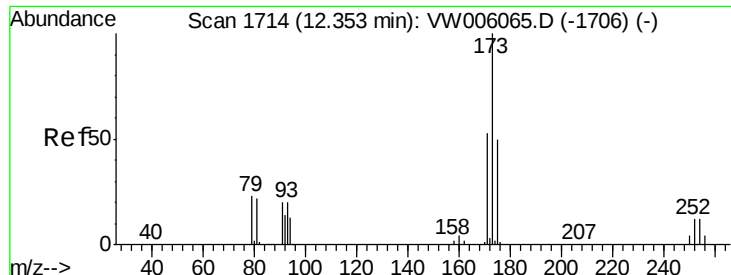
apatel
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#70
Styrene
Concen: 20.496 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		178346		
78	48.8	39.1	58.7		
103	55.7	44.3	66.5		





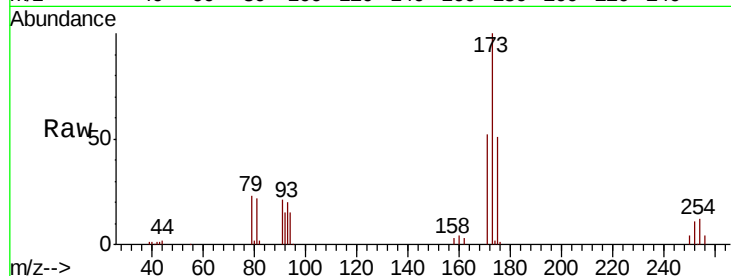
#71
Bromoform
Concen: 19.096 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
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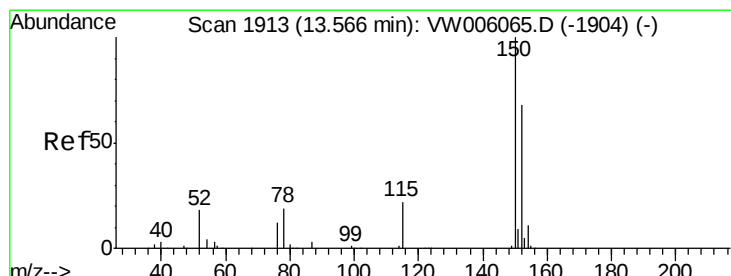
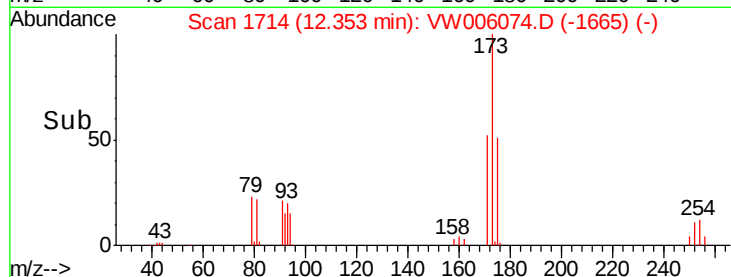
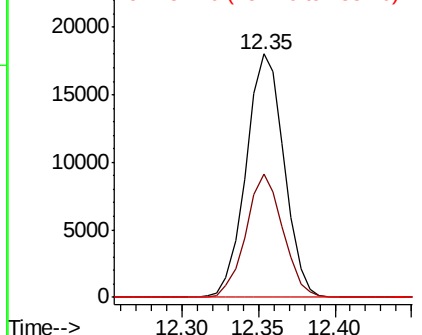


Abundance

Ion 172.70 (172.40 to 173.40): V

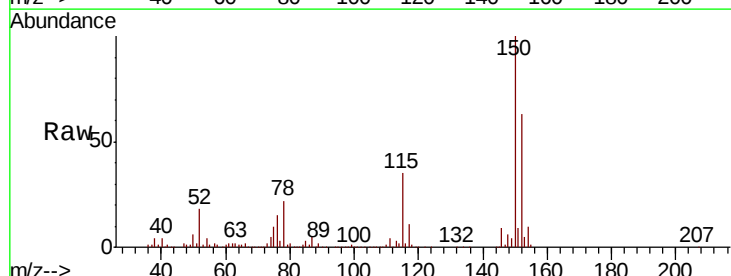
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.3
150	164.0	0.0	349.2

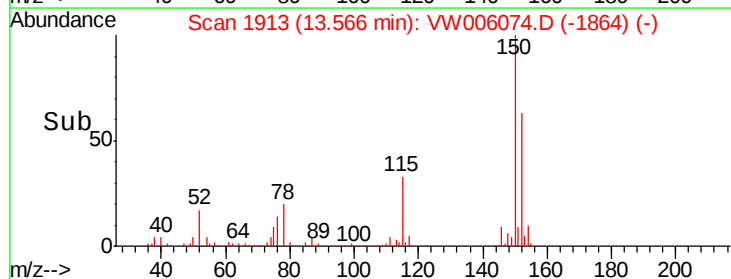
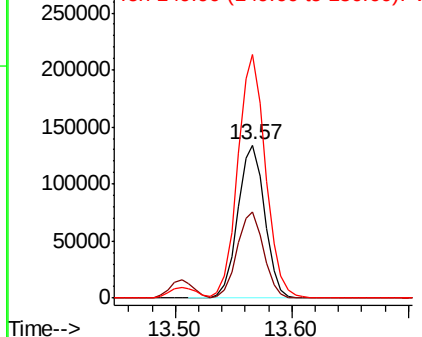


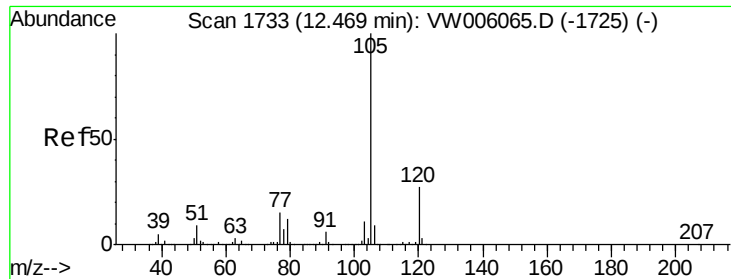
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





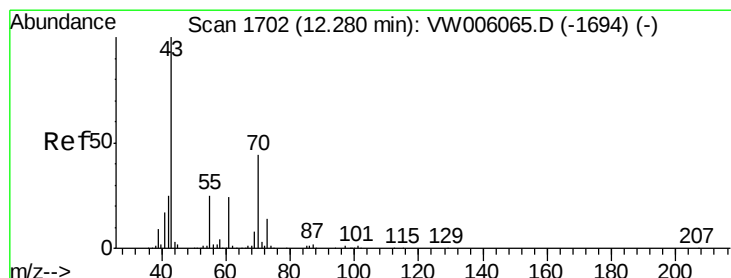
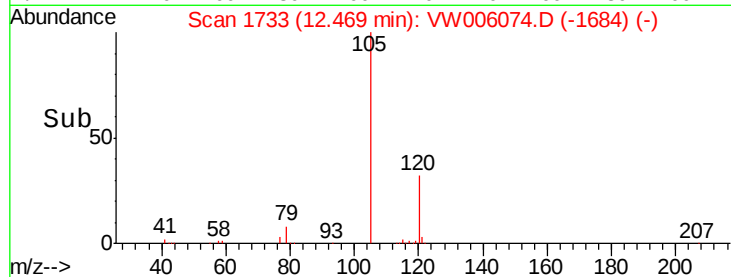
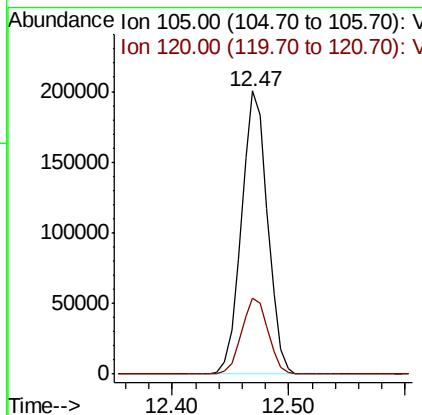
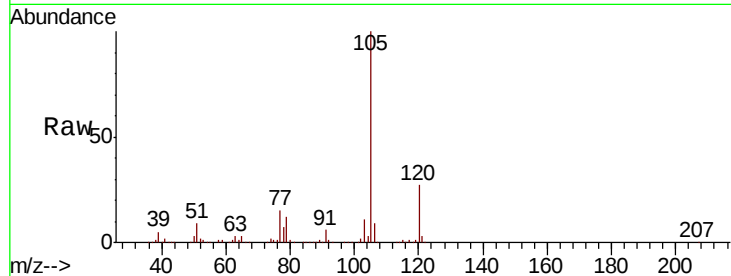
#73
Isopropylbenzene
Concen: 20.540 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion: 105 Resp: 312975
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7

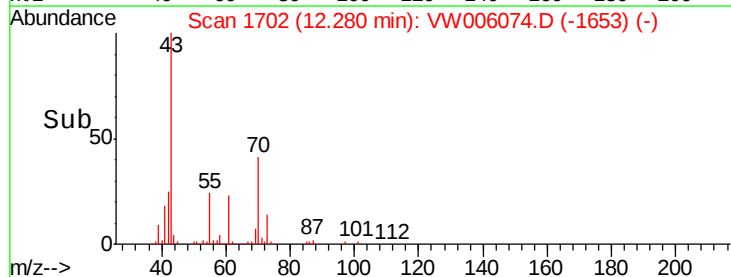
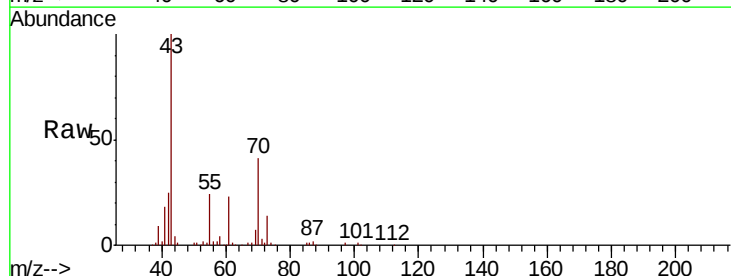
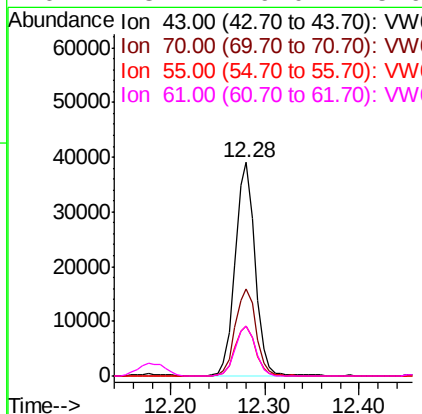
Manual Integrations
APPROVED

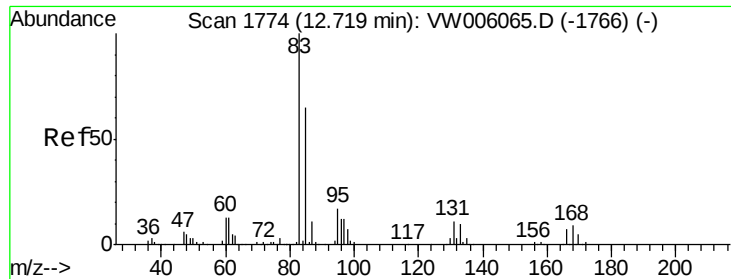
apatel
10/17/2018 10:04:48 AM



#74
N-ethyl acetate
Concen: 19.403 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion: 43 Resp: 57422
Ion Ratio Lower Upper
43 100
70 42.7 34.2 51.4
55 24.7 19.2 28.8
61 23.7 19.0 28.6





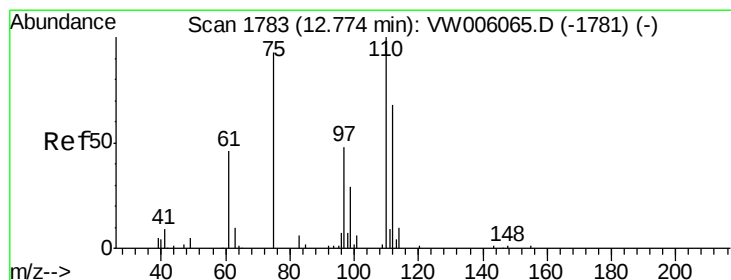
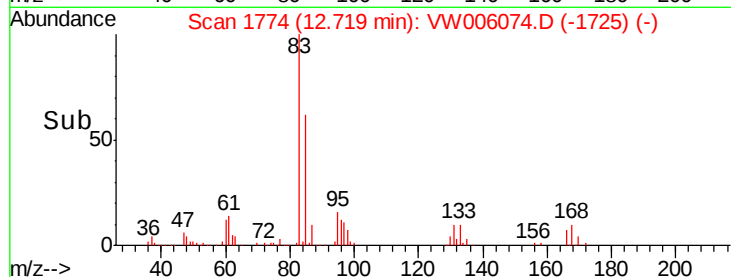
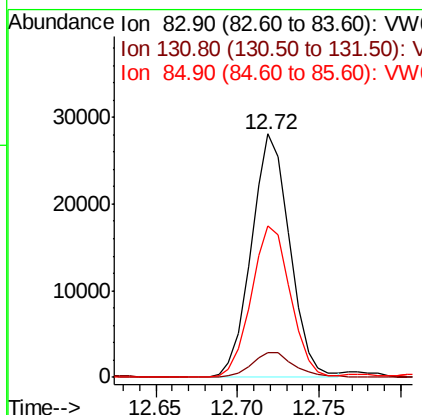
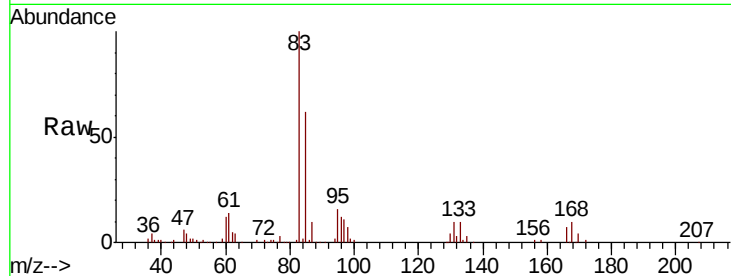
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.783 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.7
85	63.3	31.9	95.9

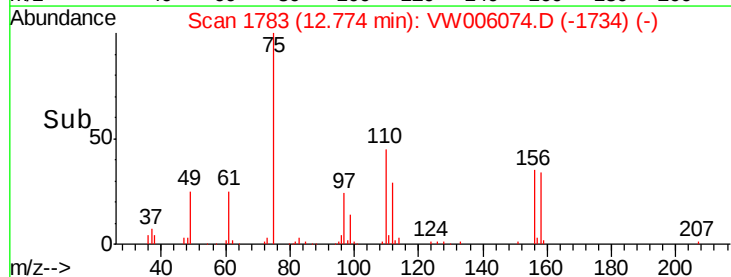
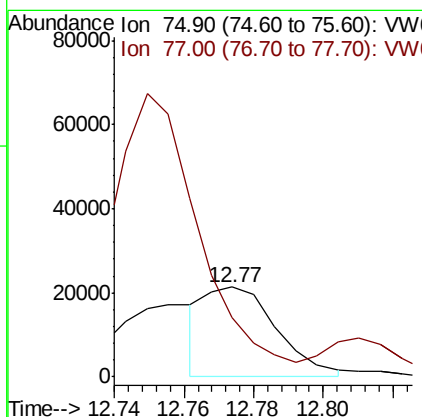
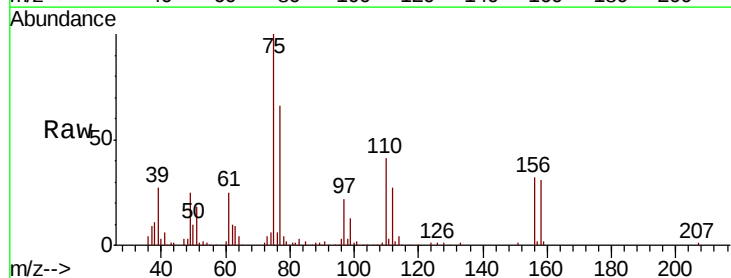
Manual Integrations
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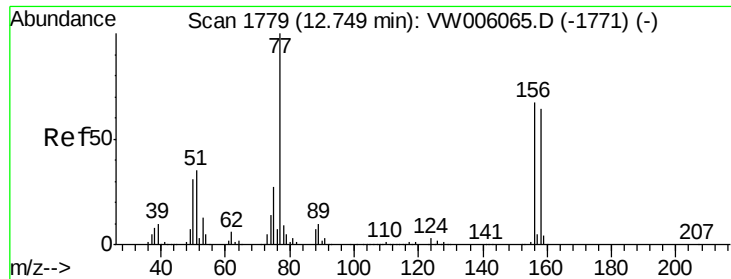
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 18.571 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





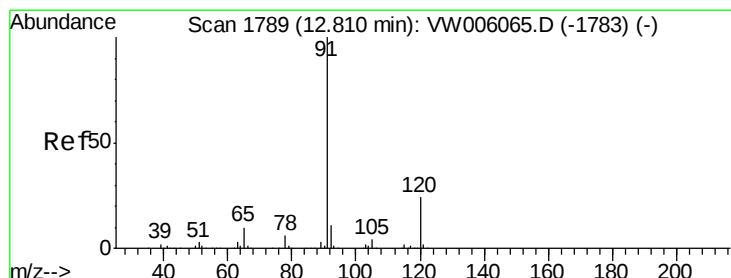
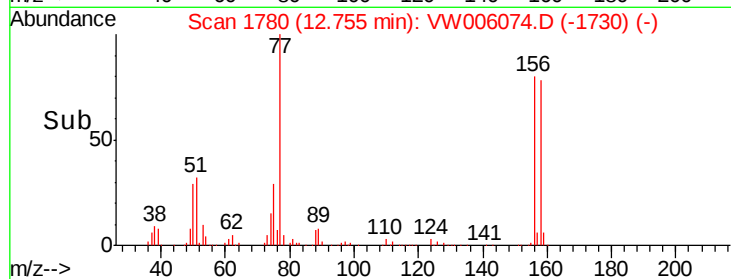
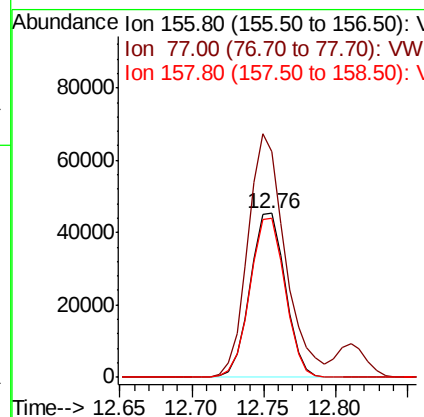
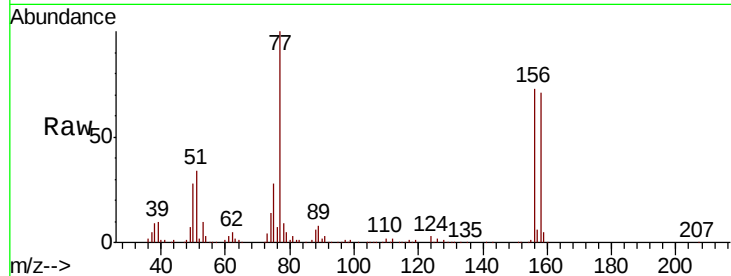
#77
Bromobenzene
Concen: 20.400 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.9	79.1	237.4
158	97.1	48.5	145.6

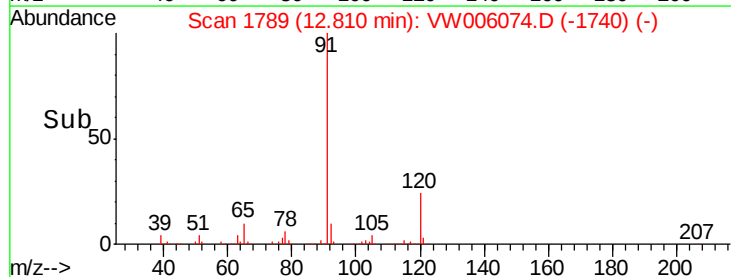
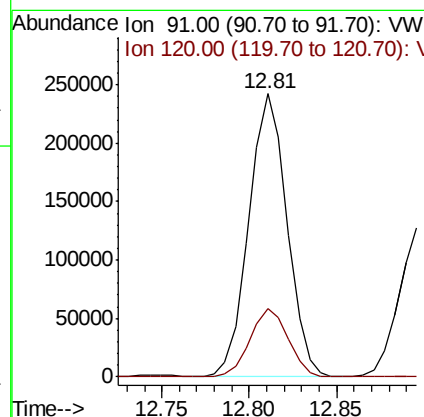
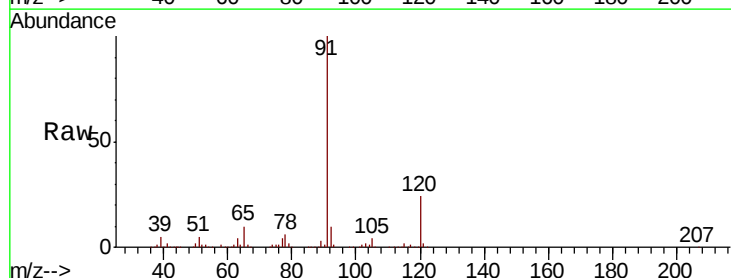
Manual Integrations
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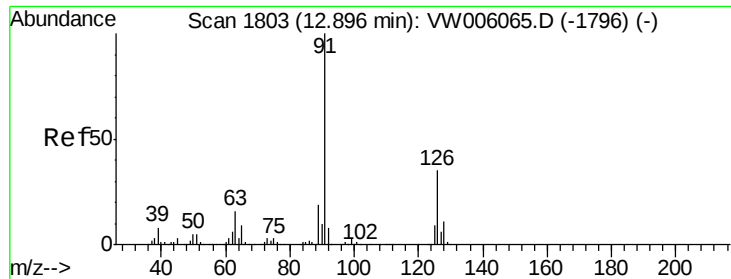
apatel
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#78
n-propylbenzene
Concen: 20.719 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.6





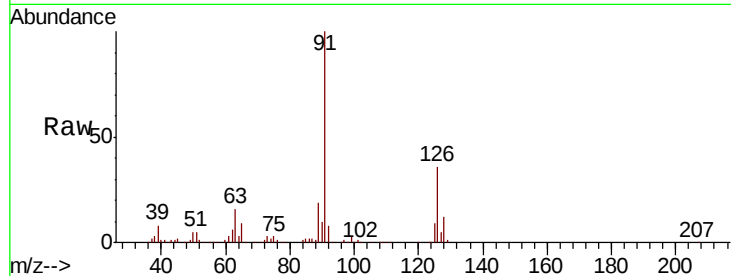
#79
2-Chlorotoluene
Concen: 20.749 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

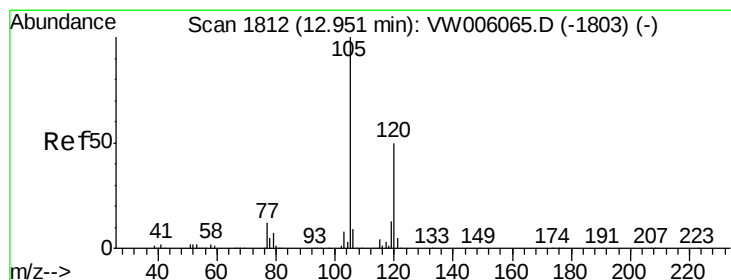
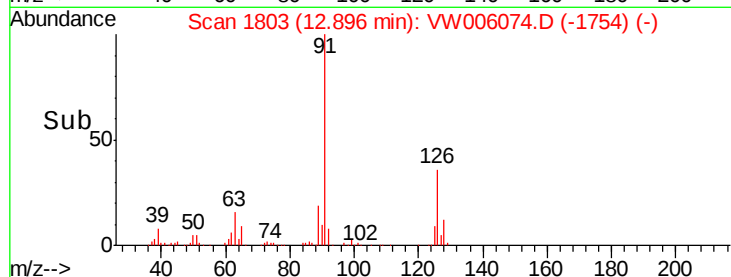
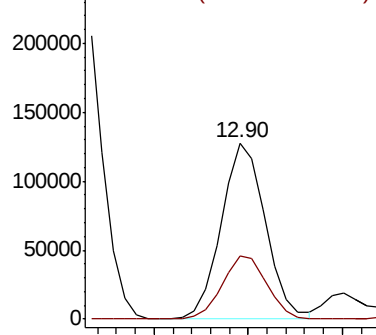
Tot Ion: 91 Resp: 206660
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8

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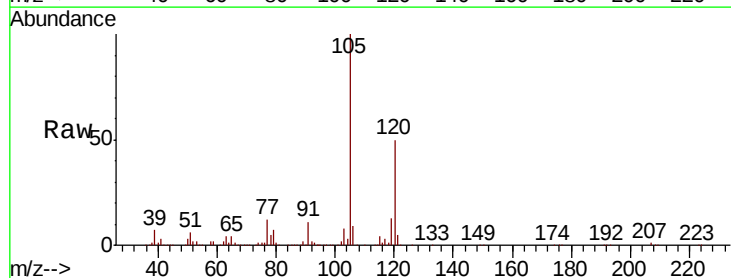


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

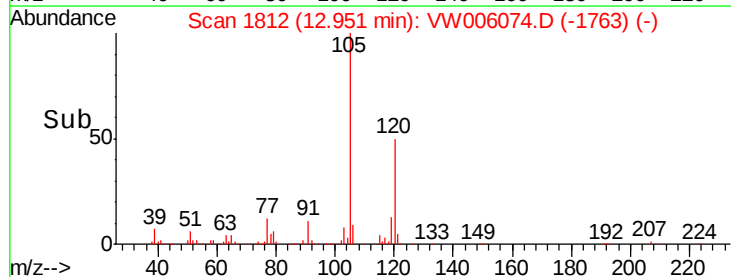
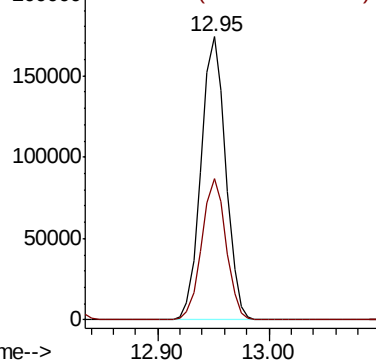


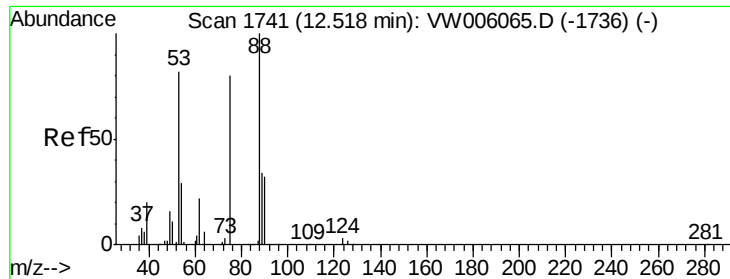
#80
1,3,5-Trimethylbenzene
Concen: 20.724 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion:105 Resp: 266203
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.872 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 75 Resp: 13006

Ion Ratio Lower Upper

75 100

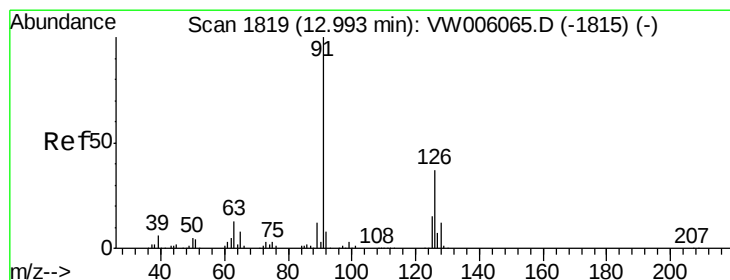
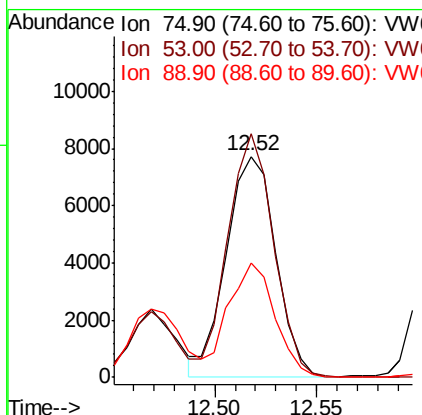
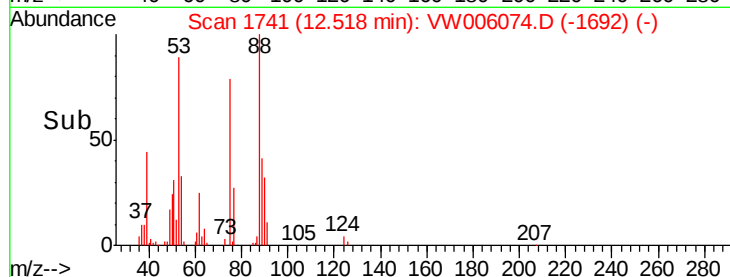
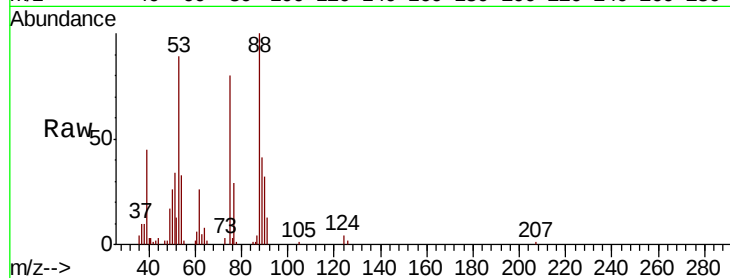
53 101.2 79.8 119.6

89 48.7 37.5 56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.380 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006074.D

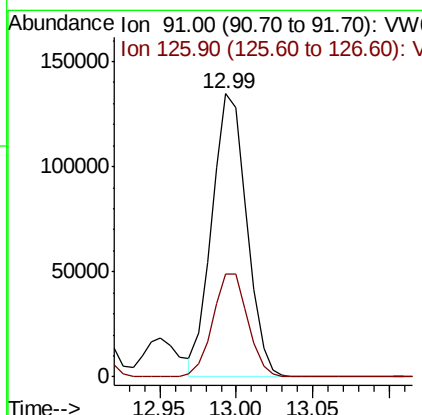
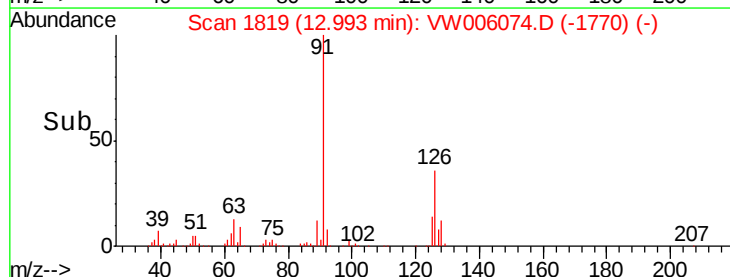
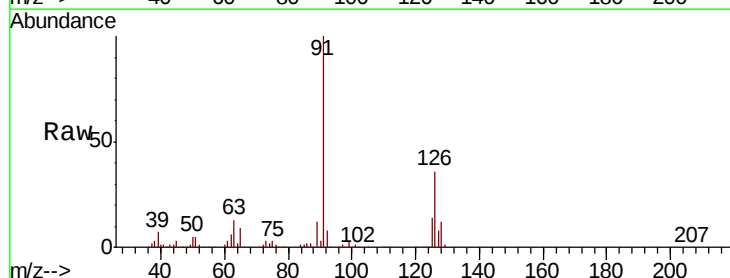
Acq: 16 Oct 2018 13:18

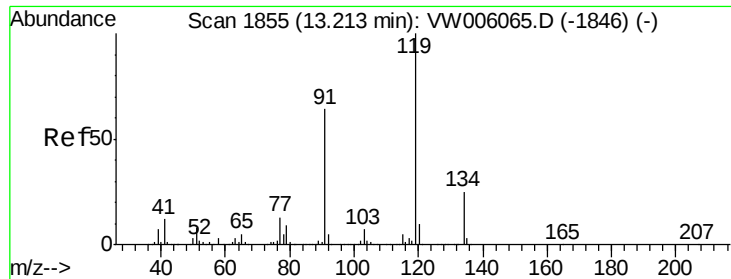
Tgt Ion: 91 Resp: 212640

Ion Ratio Lower Upper

91 100

126 36.7 18.1 54.3





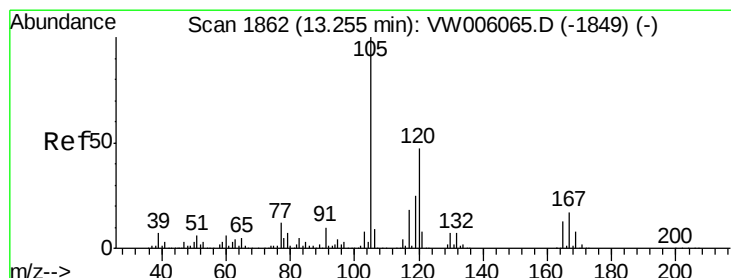
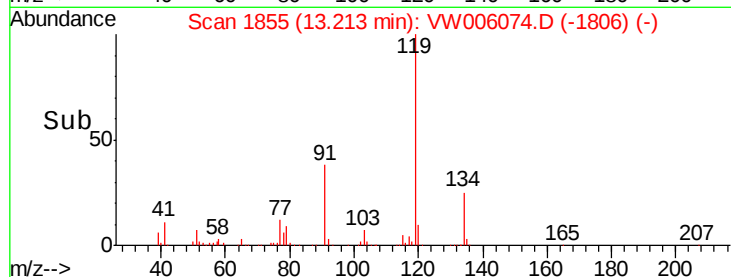
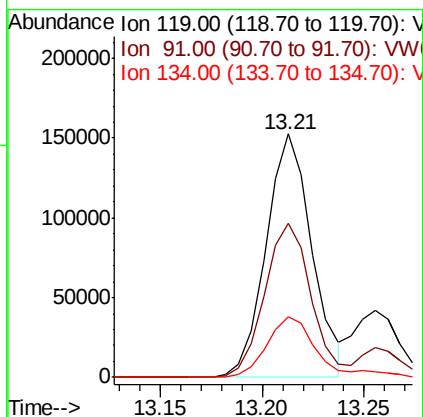
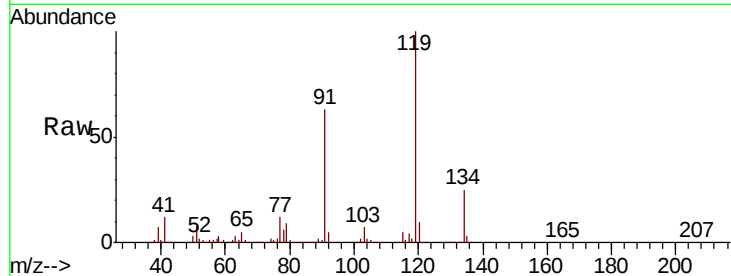
#83
tert-Butylbenzene
Concen: 20.743 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238387		
91	64.7	32.3	96.9	
134	27.5	13.6	40.8	

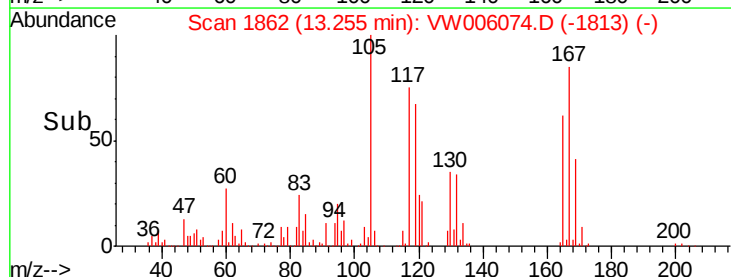
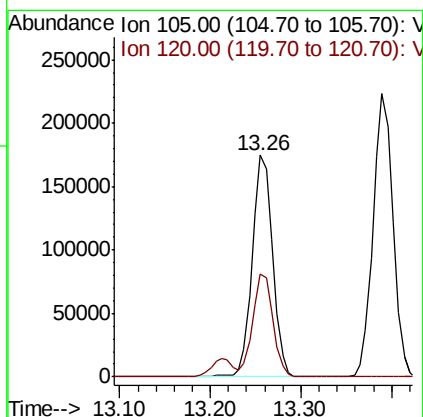
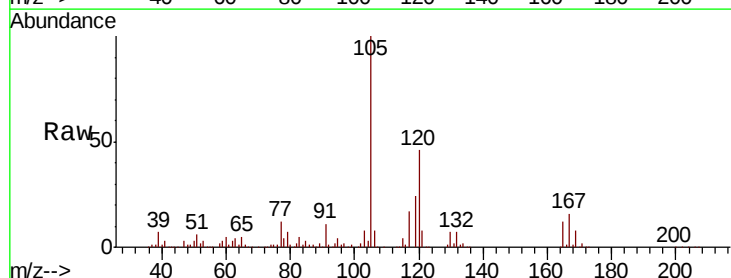
Manual Integrations
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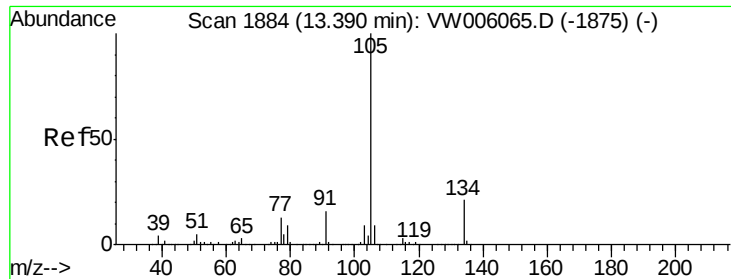
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#84
1,2,4-Trimethylbenzene
Concen: 20.927 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272011		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.927 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion:105 Resp: 339772

Ion Ratio Lower Upper

105 100

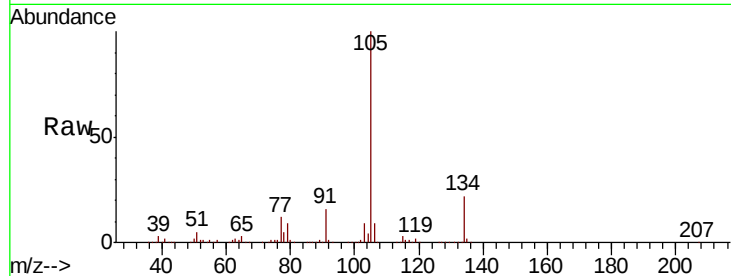
134 21.4 10.5 31.6

Manual Integrations

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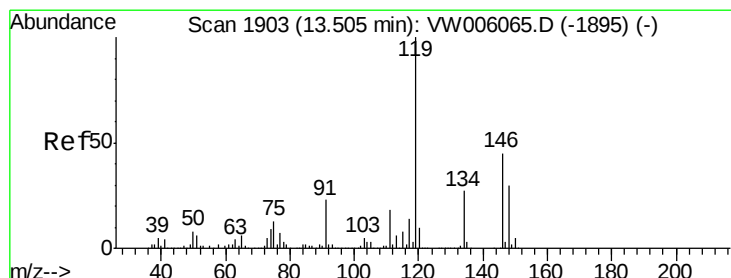
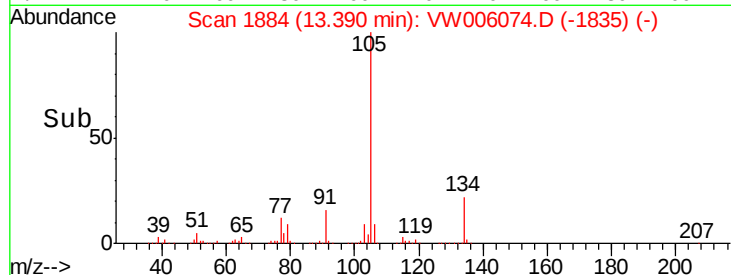
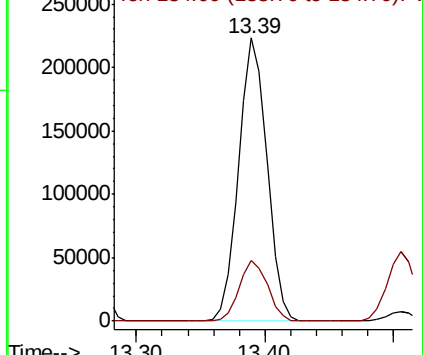
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.879 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

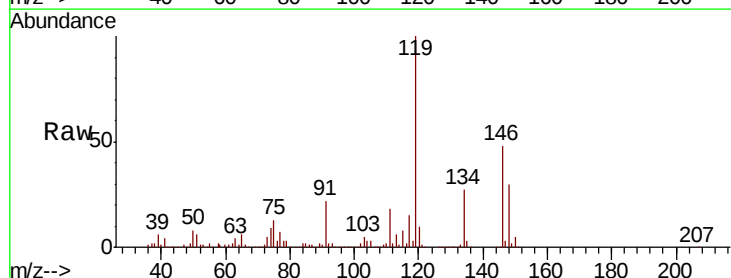
Tgt Ion:119 Resp: 306613

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

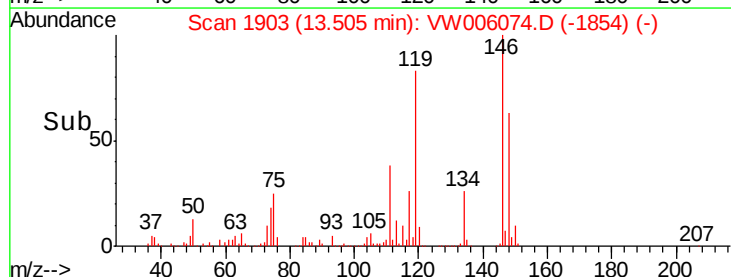
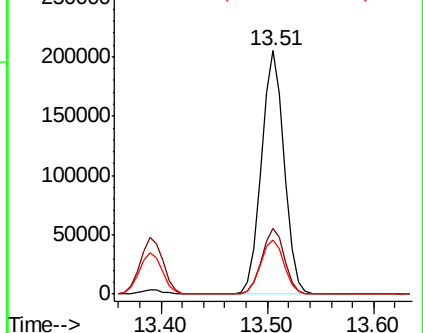
91 23.0 11.4 34.1

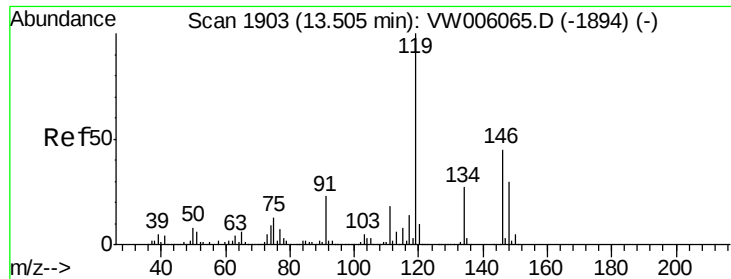


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.584 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

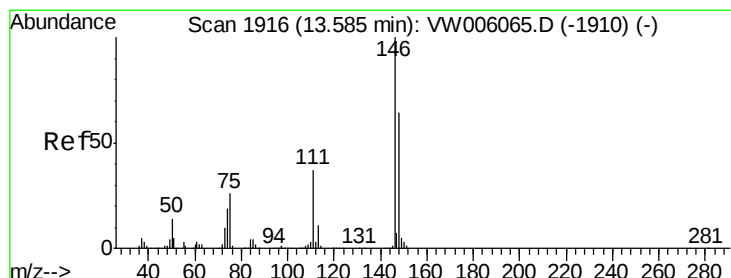
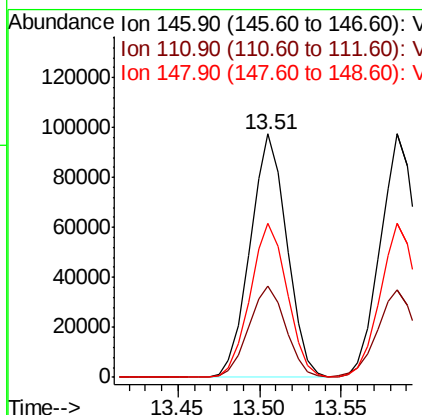
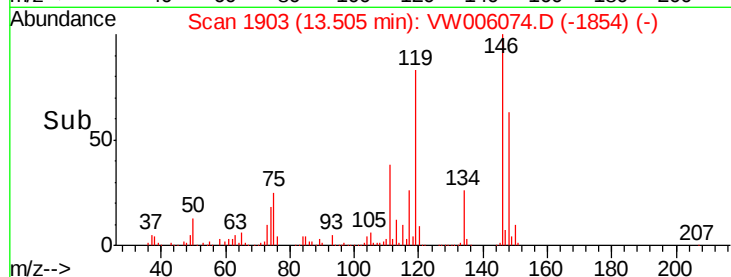
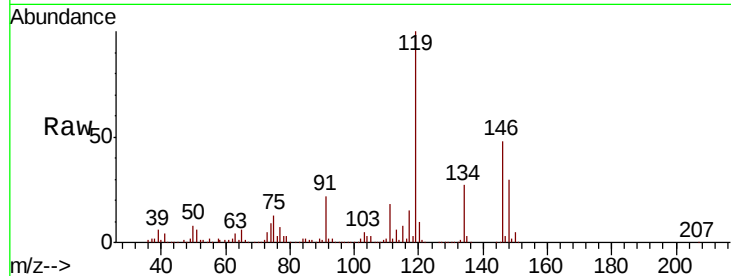
ClientSampleId :

VW1016SBSD01

Tot Ion:	146	Resp:	152884
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.5
148	63.8	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 20.611 ug/l

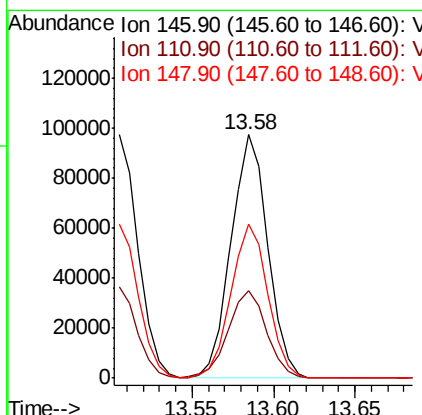
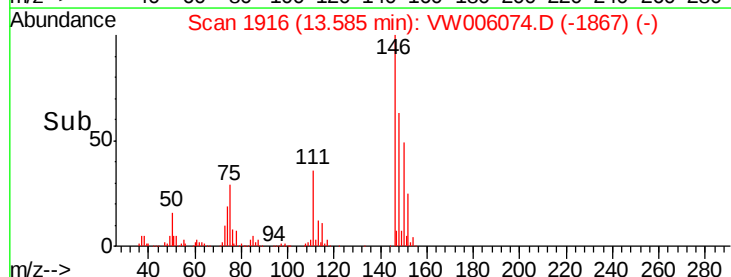
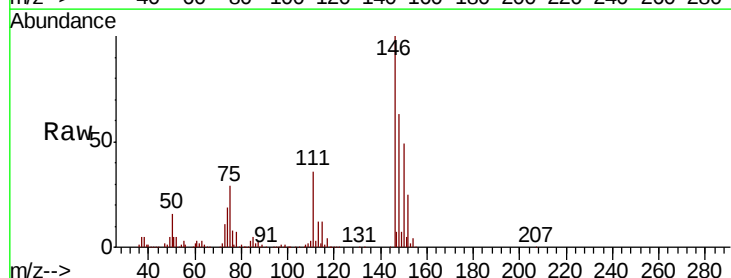
RT: 13.58 min Scan# 1916

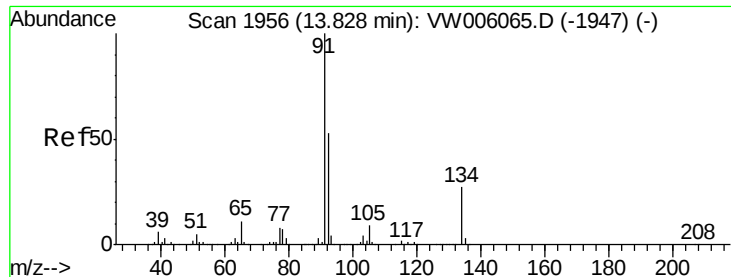
Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	146	Resp:	152424
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.6	56.0
148	63.5	32.1	96.5





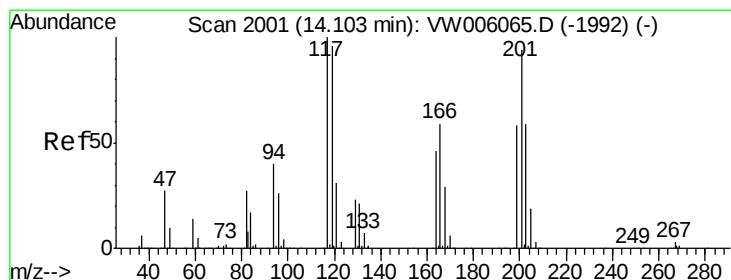
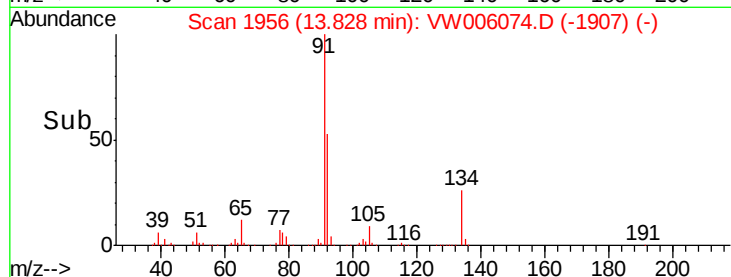
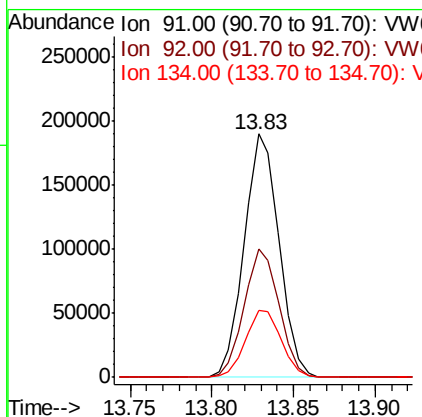
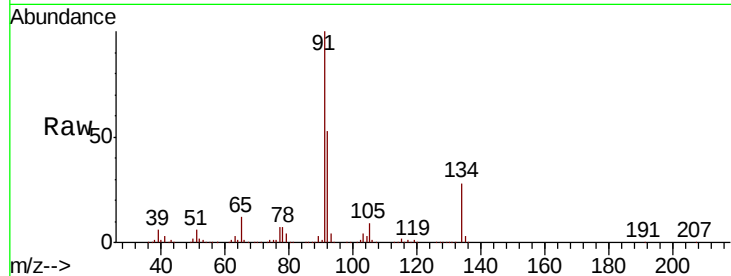
#89
n-Butylbenzene
Concen: 21.113 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	28.1	14.0	41.9

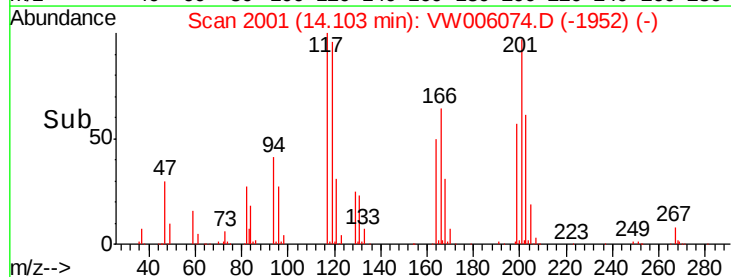
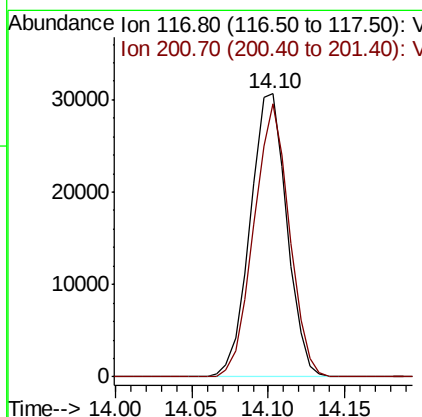
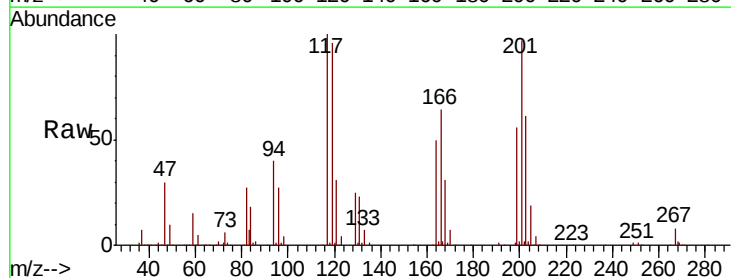
Manual Integrations
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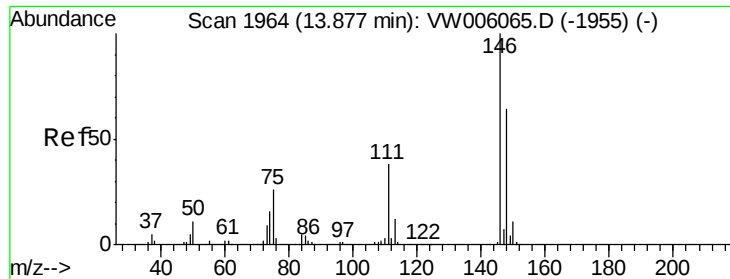
apatel
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#90
Hexachloroethane
Concen: 20.600 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006074.D
Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	45.3	135.9





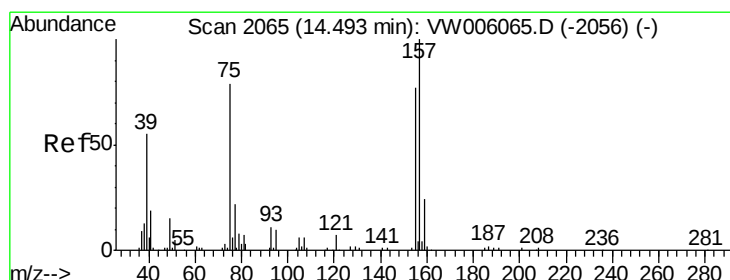
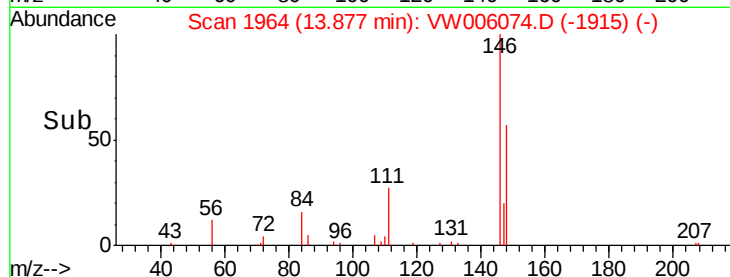
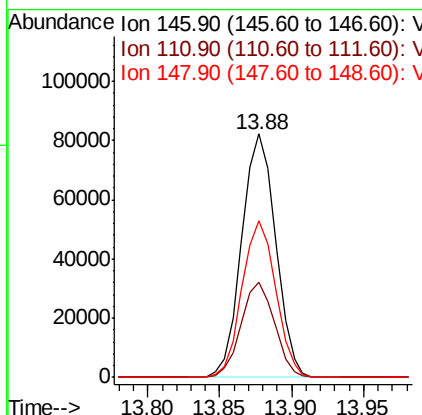
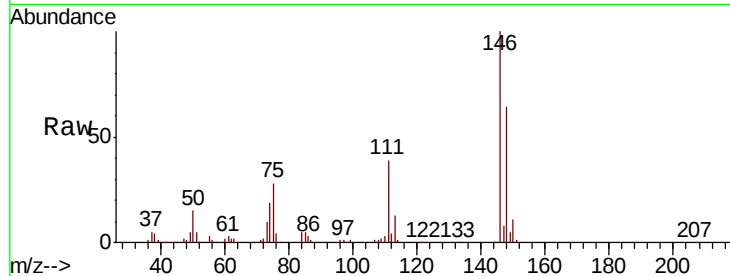
#91
 1,2-Dichlorobenzene
 Concen: 20.294 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.6	32.2	96.6

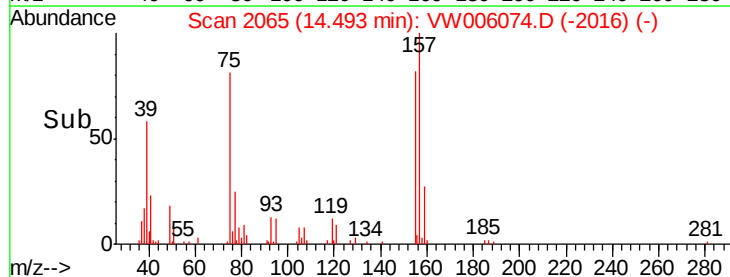
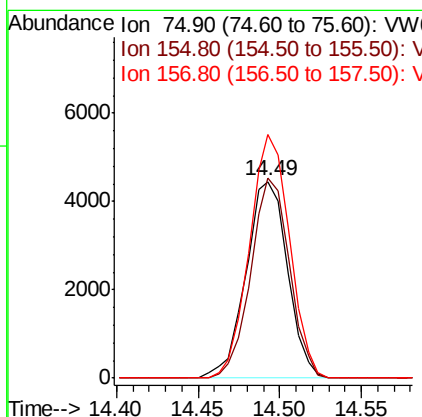
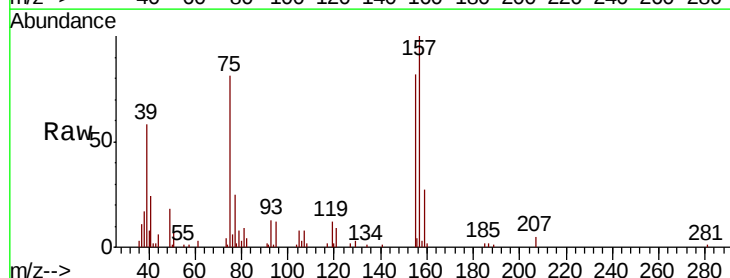
Manual Integrations
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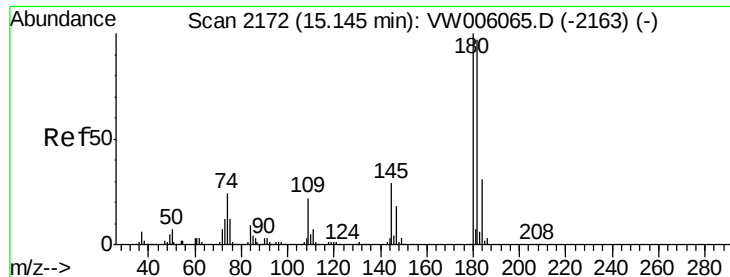
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.955 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.5	139.5
157	119.6	59.8	179.4





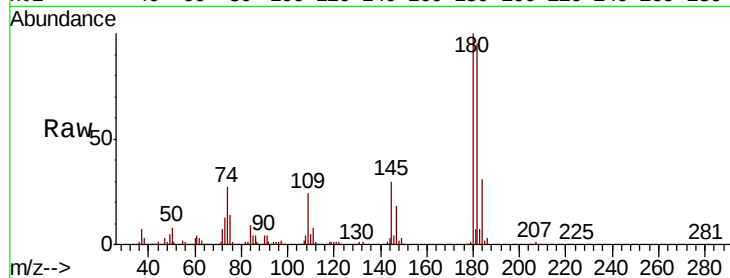
#93
 1,2,4-Trichlorobenzene
 Concen: 20.305 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	47.9	143.6	
145	29.0	14.2	42.8	

Manual Integrations
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 10/17/2018 10:04:48 AM

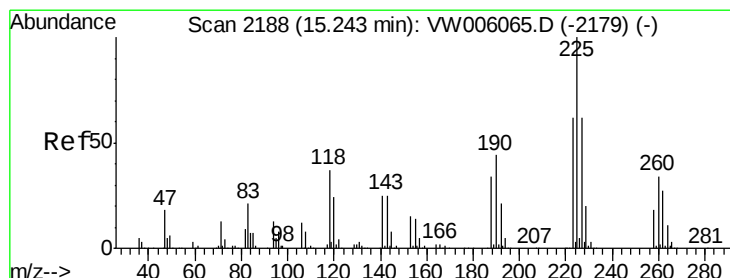
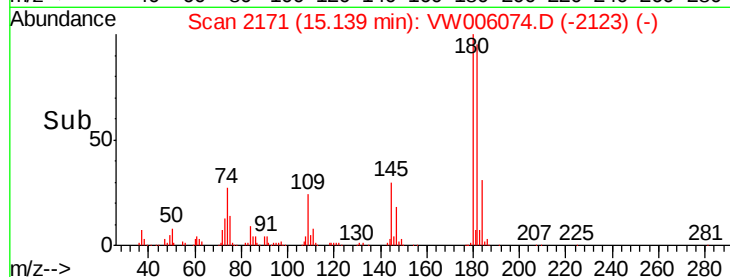
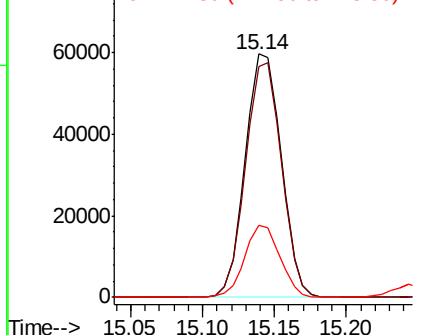


Abundance

Ion 179.80 (179.50 to 180.50): V

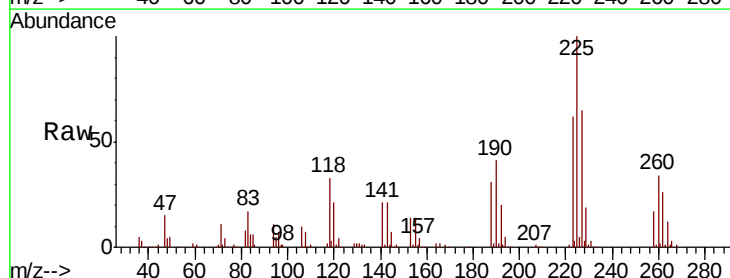
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.188 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006074.D
 Acq: 16 Oct 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.1	93.5	
227	64.9	32.4	97.0	

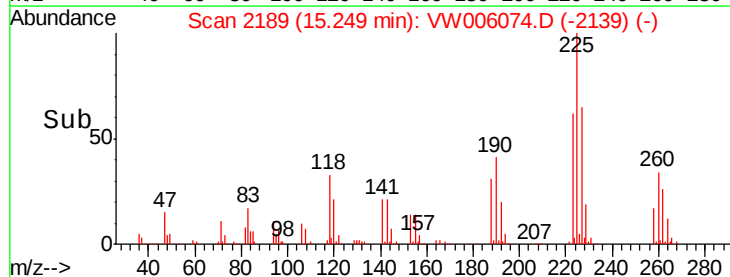
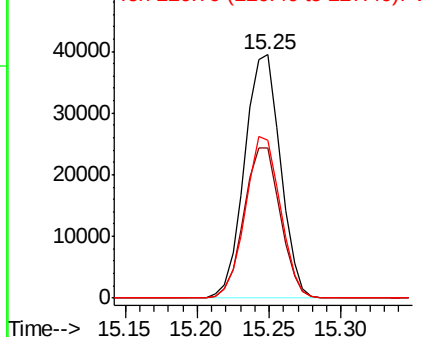


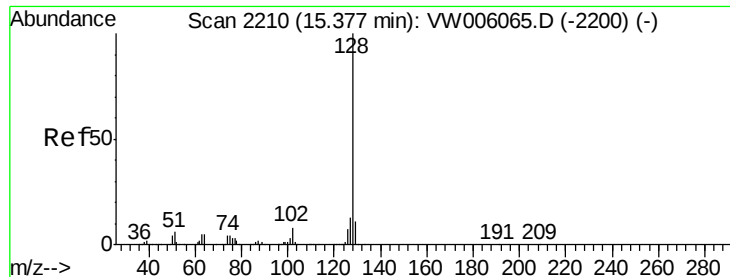
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.196 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Instrument :

MSVOA_W

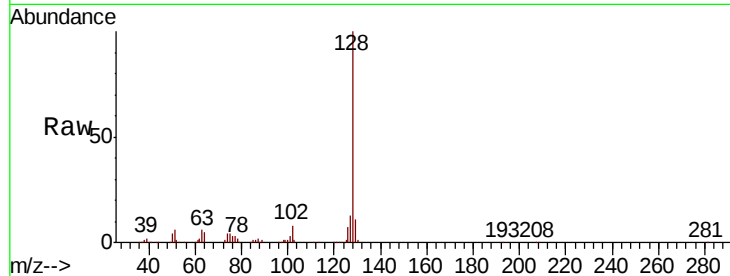
ClientSampleId :

VW1016SBSD01

Tot Ion:	128	Resp:	162788
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
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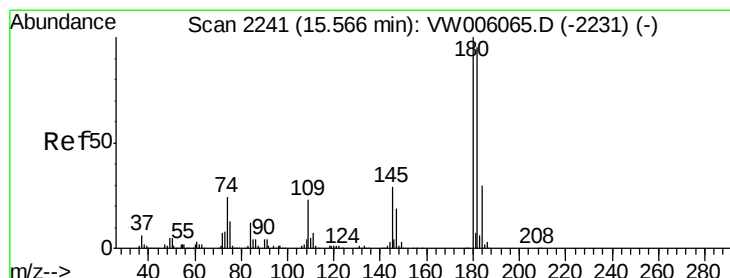
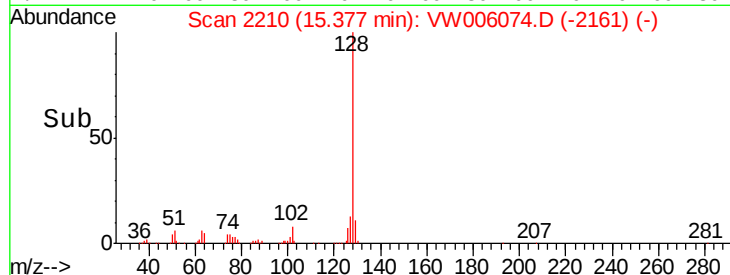
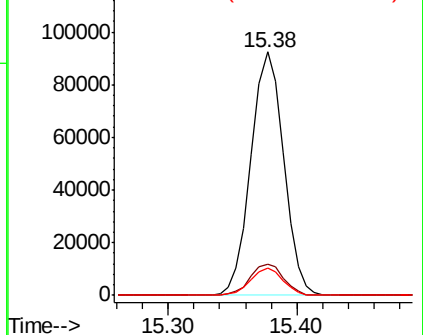


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.003 ug/l

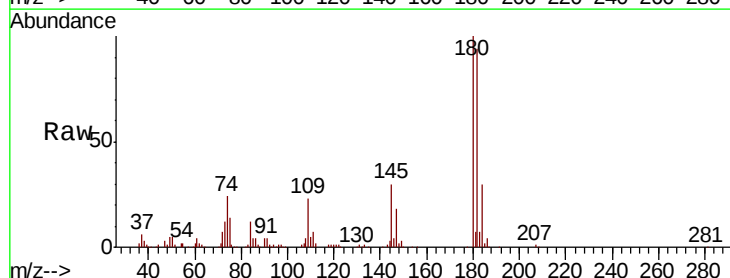
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006074.D

Acq: 16 Oct 2018 13:18

Tgt Ion:	180	Resp:	88198
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.8	143.3
145	30.3	15.0	45.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

