

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006269.D
 Acq On : 23 Oct 2018 01:03
 Operator : VA/AP
 Sample : VW1022SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Manual Integrations
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 10/24/2018 5:33:25 PM

Quant Time: Oct 23 06:12:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105586	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.88	113	108461	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.33	98	401607	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	153603	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18127	15.562	ug/l	98
3) Chloromethane	2.21	50	27472	18.322	ug/l	99
4) Vinyl Chloride	2.37	62	40573	18.948	ug/l	100
5) Bromomethane	2.78	94	40643	20.869	ug/l	100
6) Chloroethane	2.92	64	32619	21.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	35111	17.602	ug/l	99
8) Diethyl Ether	3.68	74	22149	20.893	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43675	20.893	ug/l	99
10) Methyl Iodide	4.26	142	76331	21.938	ug/l	100
11) Tert butyl alcohol	5.21	59	14676	111.823	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	41768	21.238	ug/l	95
13) Acrolein	3.90	56	12656	99.657	ug/l	90
14) Allyl chloride	4.67	41	58570	20.828	ug/l	99
15) Acrylonitrile	5.37	53	44039	115.820	ug/l	99
16) Acetone	4.14	43	40017	100.449	ug/l	97
17) Carbon Disulfide	4.37	76	106533	17.948	ug/l	100
18) Methyl Acetate	4.68	43	22711	23.126	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69330	23.145	ug/l	98
20) Methylene Chloride	4.91	84	55182	25.941	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49457	22.529	ug/l	99
22) Diisopropyl ether	6.32	45	128333	23.094	ug/l	97
23) Vinyl Acetate	6.26	43	356145	108.597	ug/l	100
24) 1,1-Dichloroethane	6.22	63	83353	23.246	ug/l	99
25) 2-Butanone	7.18	43	58753	111.448	ug/l	93
26) 2,2-Dichloropropane	7.17	77	50506	19.971	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	57041	23.546	ug/l	98
28) Bromochloromethane	7.51	49	26901	19.433	ug/l	95
29) Tetrahydrofuran	7.54	42	37711	116.375	ug/l	98
30) Chloroform	7.68	83	92810	23.757	ug/l	99
31) Cyclohexane	7.96	56	70833	19.836	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76646	21.749	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69529	21.741	ug/l	99
37) Ethyl Acetate	7.26	43	27028	22.747	ug/l	100
38) Carbon Tetrachloride	8.07	117	70198	20.023	ug/l	95

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Instrument :
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Manual Integrations
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Quant Time: Oct 23 06:12:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84377	19.849	ug/l	99
40) Benzene	8.33	78	198932	22.677	ug/l	100
41) Methacrylonitrile	7.49	41	16554	23.111	ug/l	99
42) 1,2-Dichloroethane	8.40	62	59119	22.938	ug/l	100
43) Isopropyl Acetate	8.43	43	52515	21.616	ug/l	100
44) Trichloroethene	9.09	130	60261	22.391	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47647	22.698	ug/l	100
46) Dibromomethane	9.46	93	27688	23.142	ug/l	99
47) Bromodichloromethane	9.65	83	62164	21.431	ug/l	99
48) Methyl methacrylate	9.44	41	24802	21.537	ug/l	95
49) 1,4-Dioxane	9.47	88	9203	499.658	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	133839	109.954	ug/l	98
52) Toluene	10.39	92	133131	22.637	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59587	20.618	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70185	21.160	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38849	23.204	ug/l	98
56) Ethyl methacrylate	10.65	69	44594	21.726	ug/l	97
57) 1,3-Dichloropropane	10.93	76	64730	23.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	84207	107.367	ug/l	97
59) 2-Hexanone	10.98	43	91492	105.296	ug/l	99
60) Dibromochloromethane	11.13	129	43822	21.013	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38783	23.183	ug/l	100
64) Tetrachloroethene	10.87	164	55870	22.512	ug/l	99
65) Chlorobenzene	11.66	112	154862	22.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	53422	21.966	ug/l	100
67) Ethyl Benzene	11.74	91	264505	22.302	ug/l	99
68) m/p-Xylenes	11.84	106	208082	44.388	ug/l	100
69) o-Xylene	12.17	106	100070	22.399	ug/l	99
70) Styrene	12.19	104	162557	22.376	ug/l	99
71) Bromoform	12.35	173	27016	19.915	ug/l #	98
73) Isopropylbenzene	12.47	105	275654	21.660	ug/l	100
74) N-amyl acetate	12.28	43	50034	20.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44685	23.085	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29086m	21.139	ug/l	
77) Bromobenzene	12.75	156	70045	22.471	ug/l	99
78) n-propylbenzene	12.81	91	322412	21.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	185193	22.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	232905	21.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10247	17.802	ug/l	94
82) 4-Chlorotoluene	12.99	91	195004	22.377	ug/l	99
83) tert-Butylbenzene	13.21	119	207697	21.637	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	242024	22.293	ug/l	99
85) sec-Butylbenzene	13.39	105	293090	21.613	ug/l	100
86) p-Isopropyltoluene	13.51	119	262952	21.438	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	138847	22.381	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138443	22.413	ug/l	100
89) n-Butylbenzene	13.83	91	239415	21.343	ug/l	99
90) Hexachloroethane	14.10	117	41633	20.038	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	124982	22.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7111	20.519	ug/l	99

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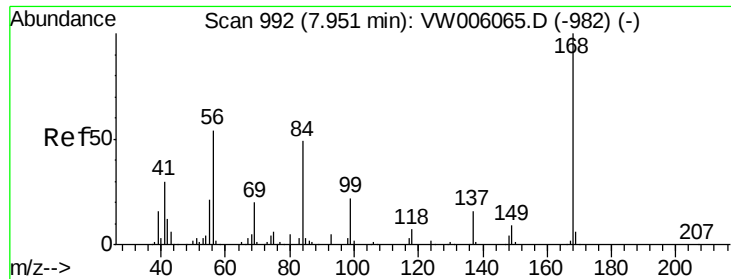
Manual Integrations
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Quant Time: Oct 23 06:12:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92917	21.823	ug/l	99
94) Hexachlorobutadiene	15.24	225	57433	21.472	ug/l	99
95) Naphthalene	15.38	128	156392	22.080	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	82977	22.531	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: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion:168 Resp: 235382

Ion Ratio Lower Upper

168 100

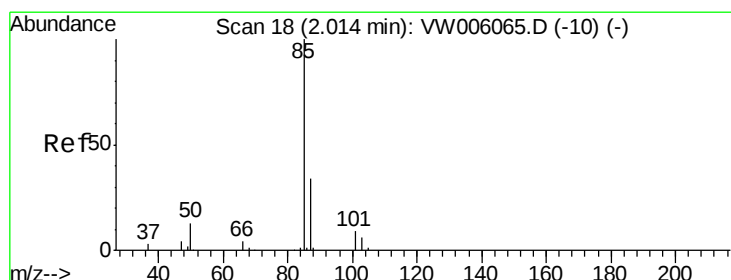
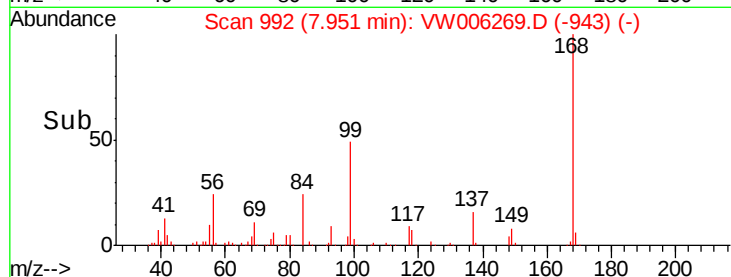
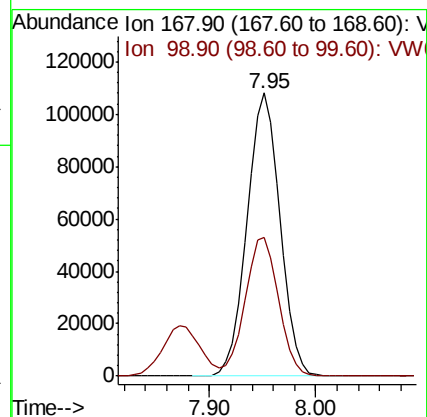
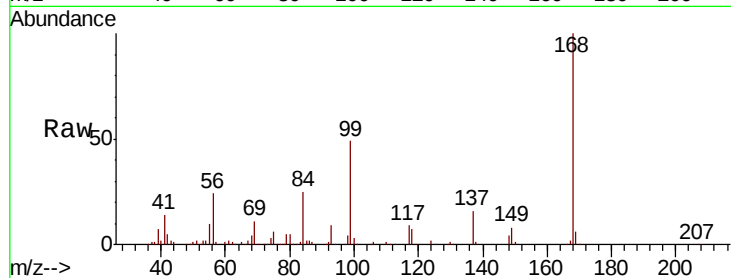
99 48.9 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.562 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006269.D

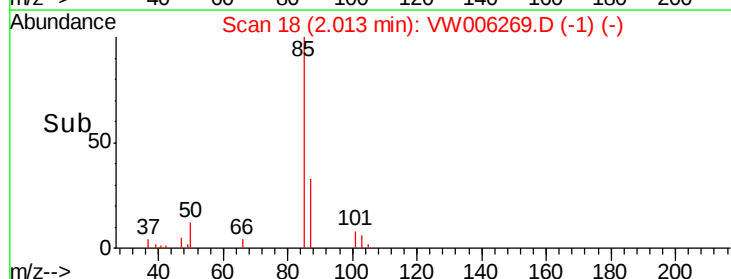
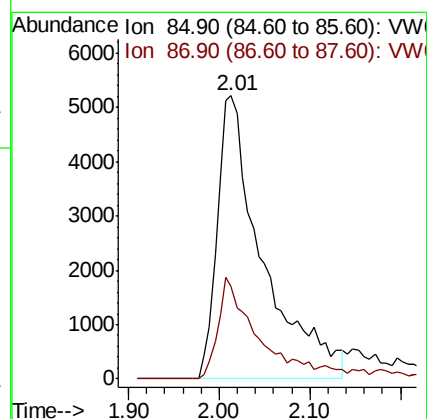
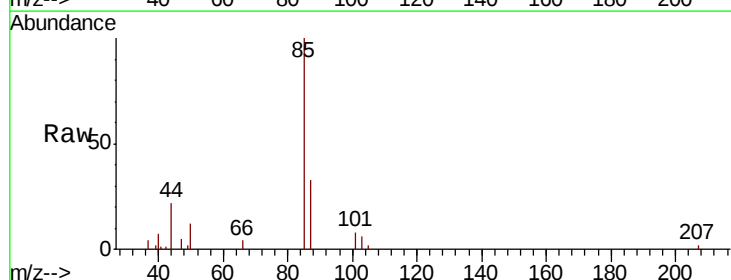
Acq: 23 Oct 2018 01:03

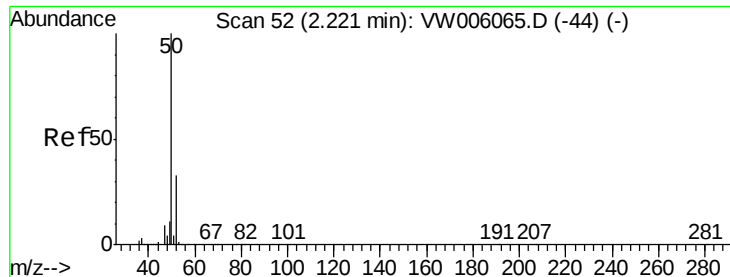
Tgt Ion: 85 Resp: 18127

Ion Ratio Lower Upper

85 100

87 32.6 16.9 50.6





#3

Chloromethane

Concen: 18.322 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 50 Resp: 27472

Ion Ratio Lower Upper

50 100

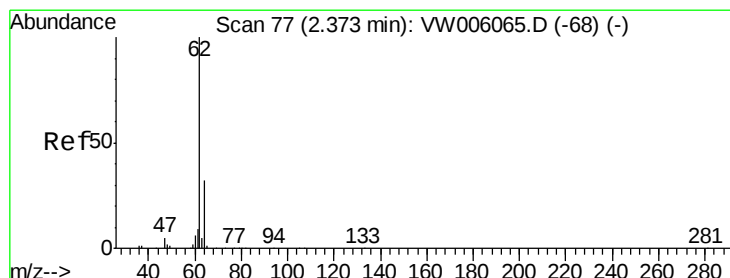
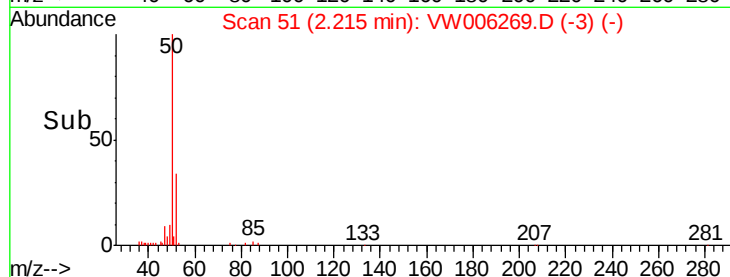
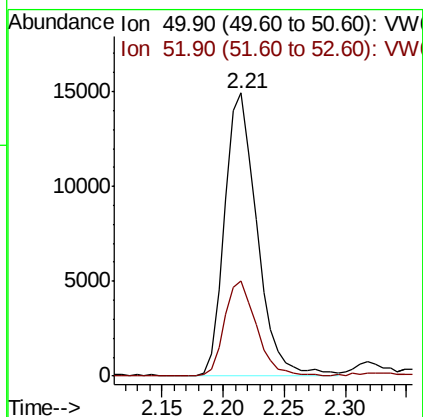
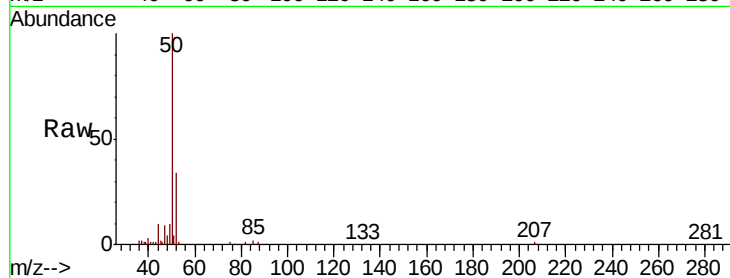
52 33.8 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.948 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006269.D

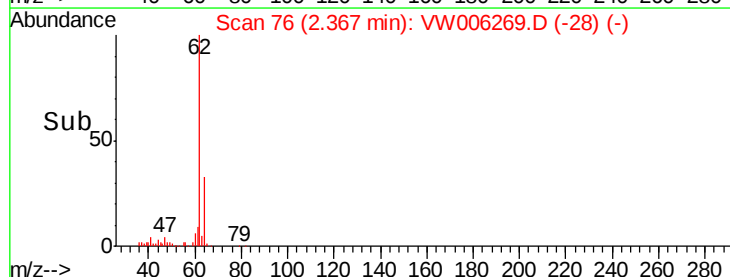
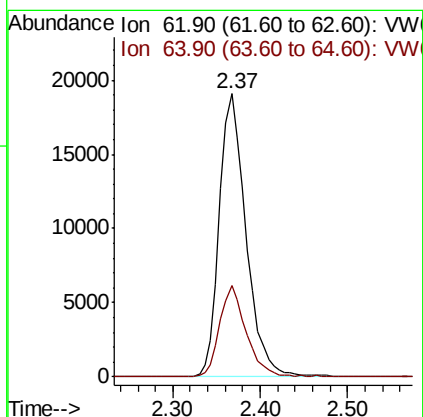
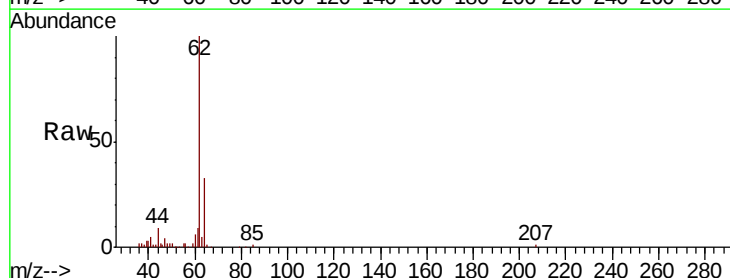
Acq: 23 Oct 2018 01:03

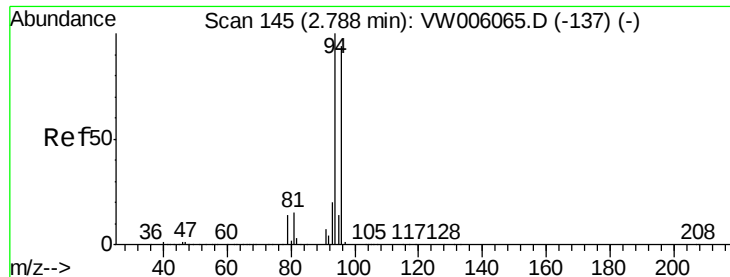
Tgt Ion: 62 Resp: 40573

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 20.869 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 94 Resp: 40643

Ion Ratio Lower Upper

94 100

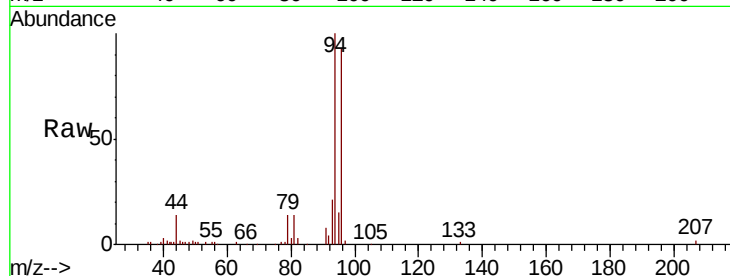
96 93.1 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

20000

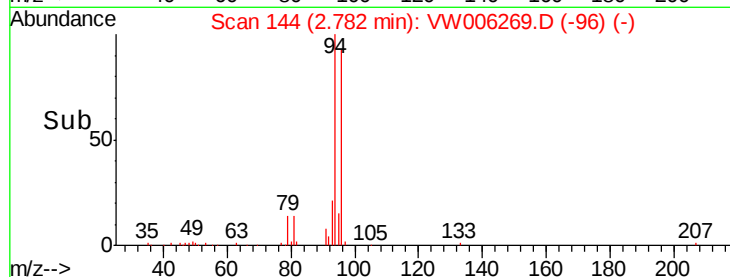
15000

10000

5000

0

Time-->

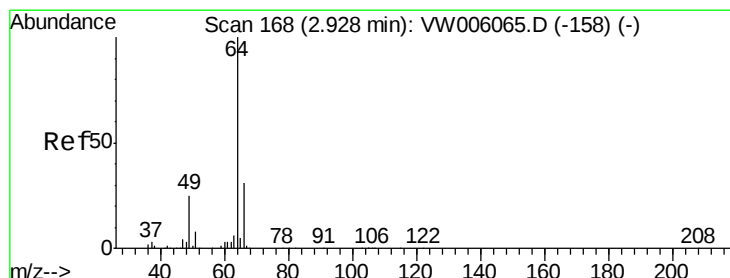


2.78

2.70

2.80

2.90



#6

Chloroethane

Concen: 21.257 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006269.D

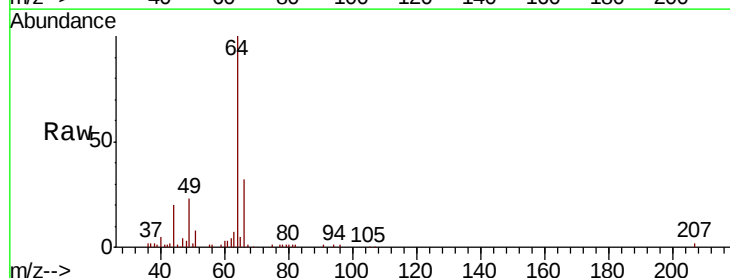
Acq: 23 Oct 2018 01:03

Tgt Ion: 64 Resp: 32619

Ion Ratio Lower Upper

64 100

66 31.6 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

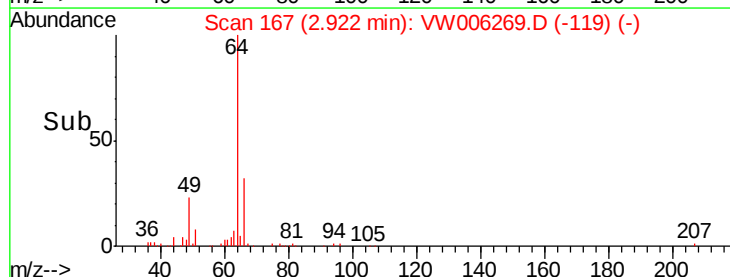
Ion 65.90 (65.60 to 66.60): VW

10000

5000

0

Time-->

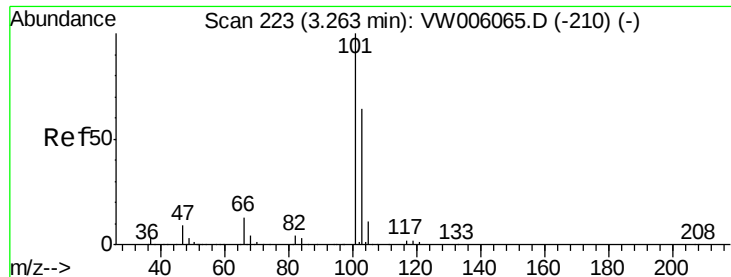


2.92

2.80

2.90

3.00



#7

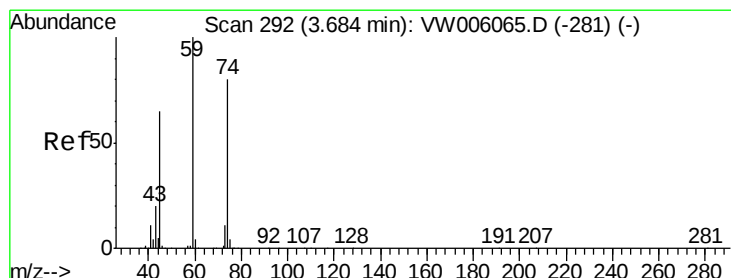
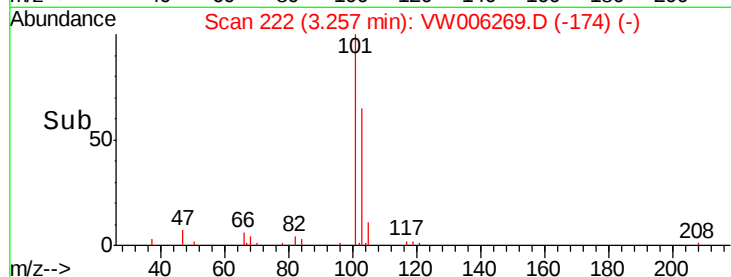
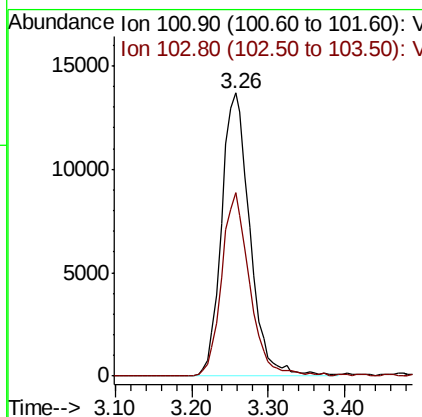
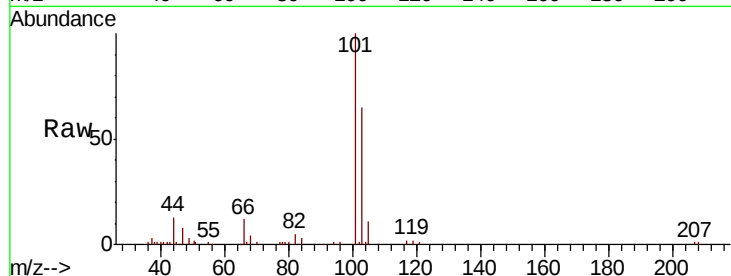
Trichlorofluoromethane
Concen: 17.602 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

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ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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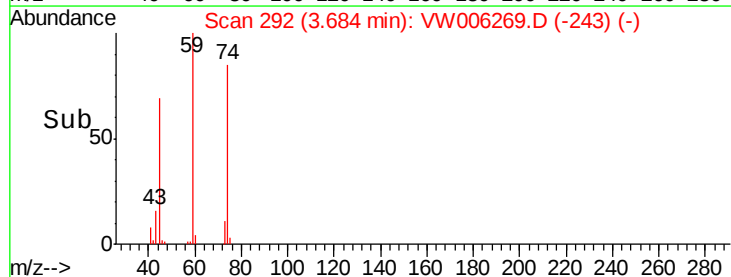
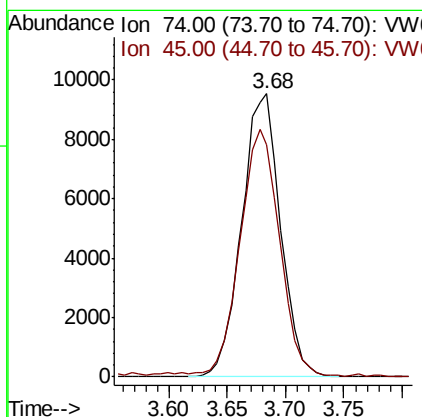
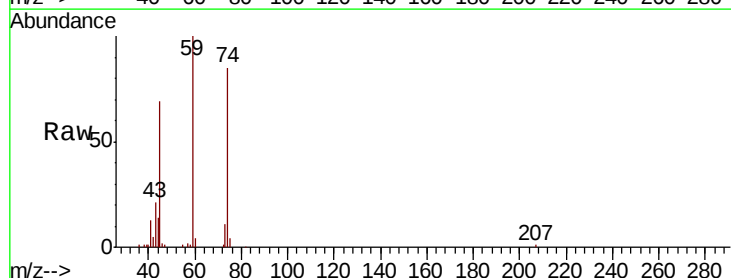
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#8

Diethyl Ether
Concen: 20.893 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.893 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

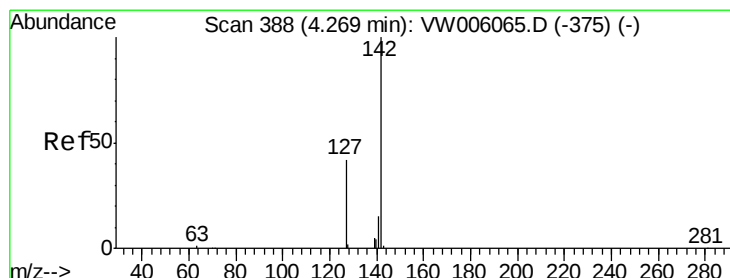
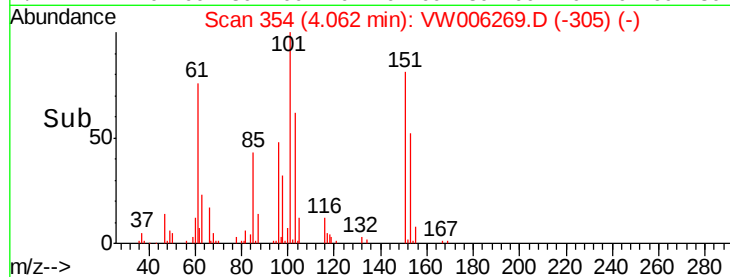
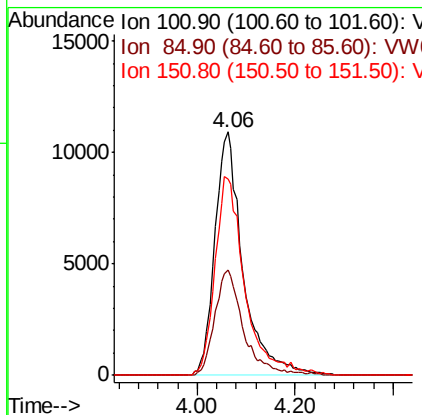
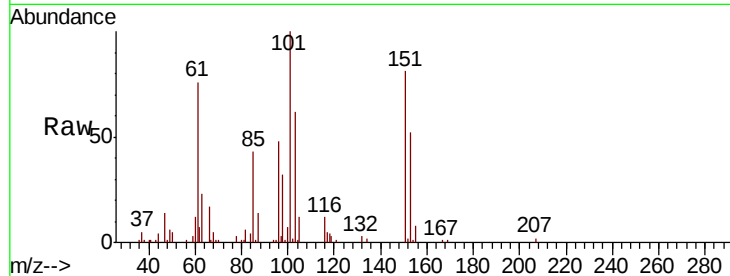
ClientSampleId :

VW1022SBS02

Tot Ion:	101	Resp:	43675
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	86.3	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.938 ug/l

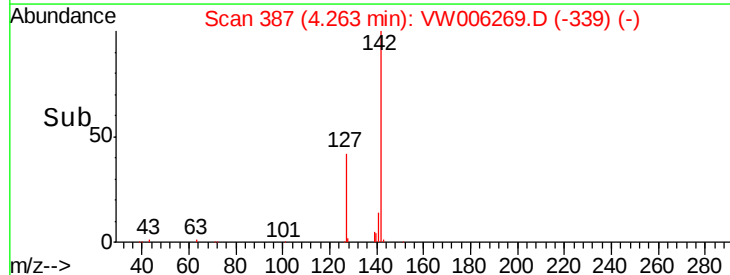
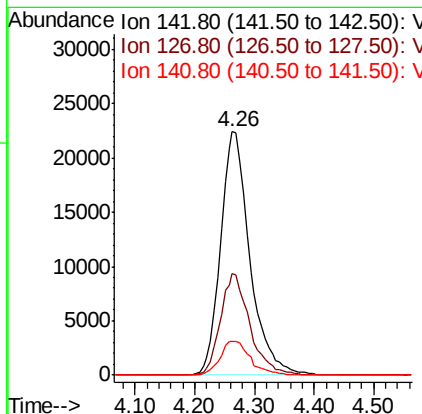
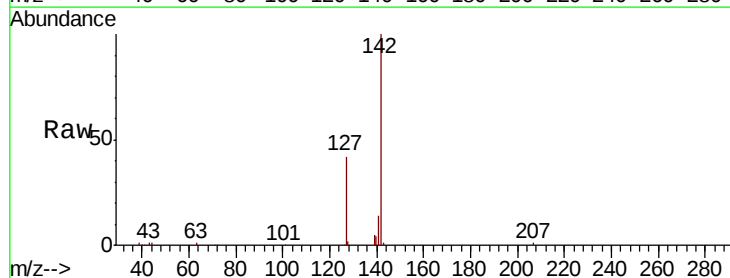
RT: 4.26 min Scan# 387

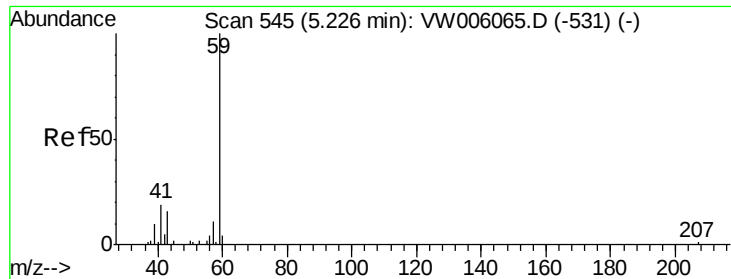
Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	142	Resp:	76331
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.6	50.4
141	14.4	11.6	17.4





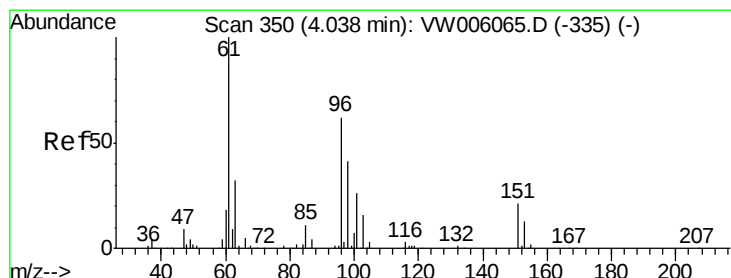
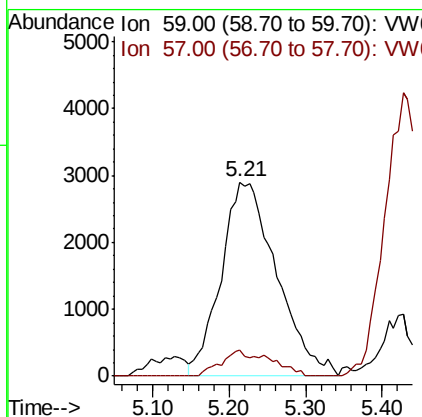
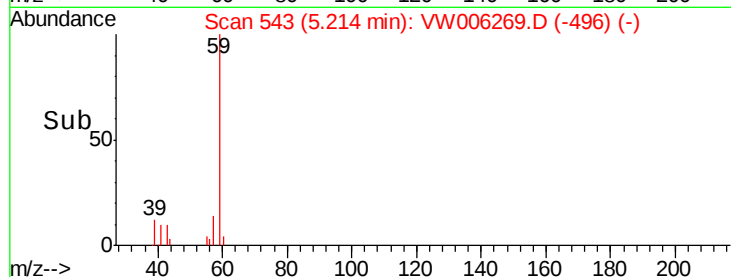
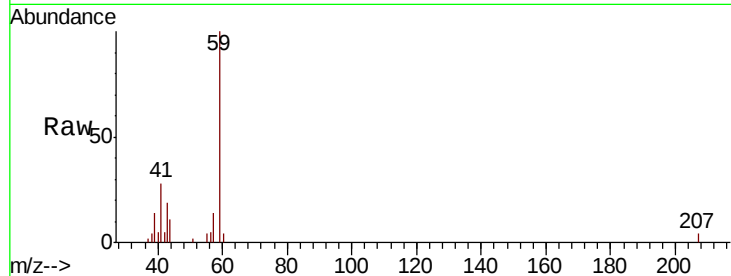
#11
Tert butyl alcohol
Concen: 111.823 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion: 59 Resp: 14676
Ion Ratio Lower Upper
59 100
57 6.5 8.7 13.1#

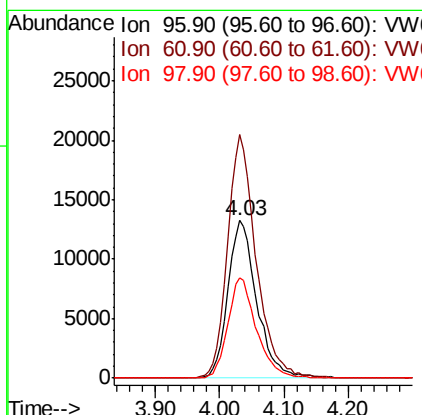
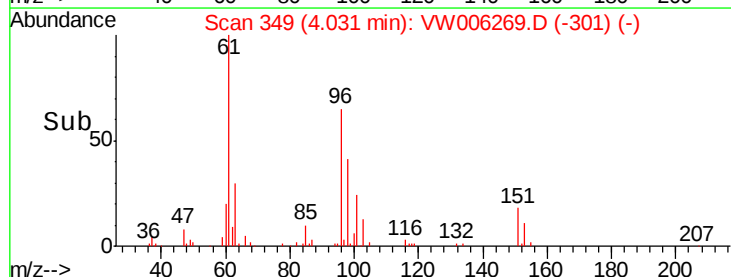
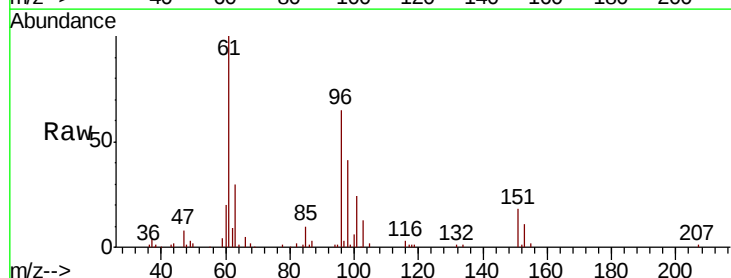
Manual Integrations
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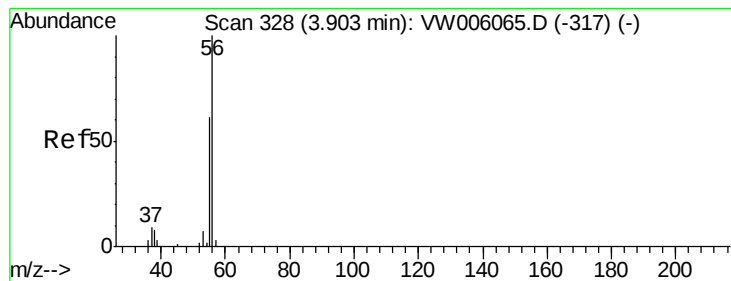
sam
10/24/2018 5:33:25 PM



#12
1,1-Dichloroethene
Concen: 21.238 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 96 Resp: 41768
Ion Ratio Lower Upper
96 100
61 154.4 129.3 193.9
98 63.3 53.1 79.7





#13

Acrolein

Concen: 99.657 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 56 Resp: 12656

Ion Ratio Lower Upper

56 100

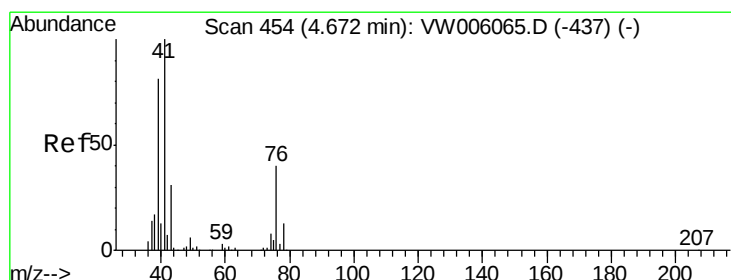
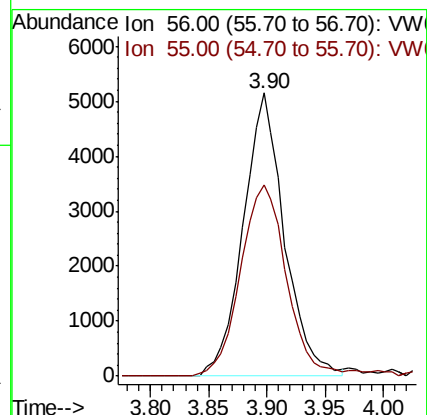
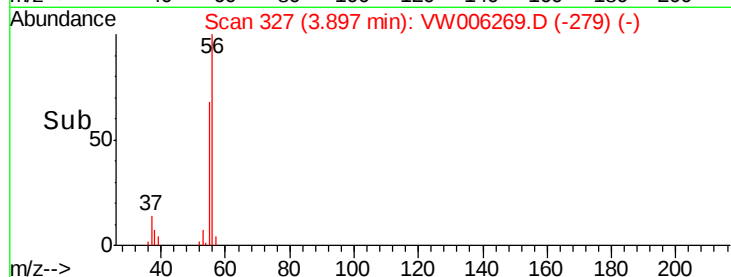
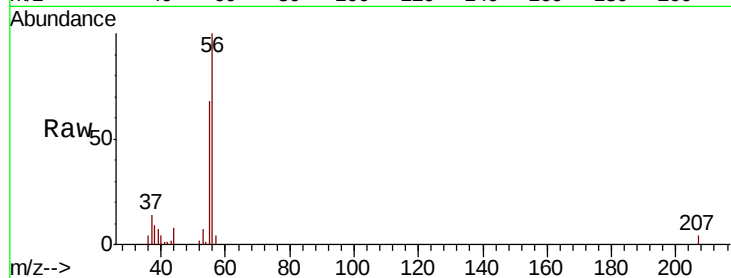
55 75.9 54.5 81.7

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sam

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#14

Allyl chloride

Concen: 20.828 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

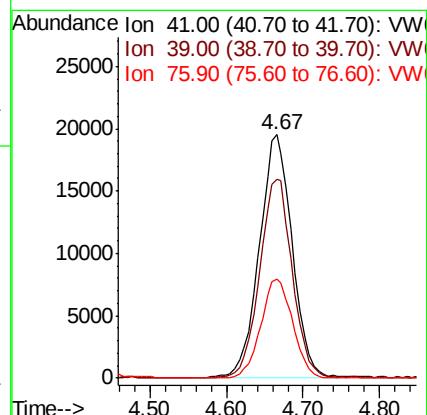
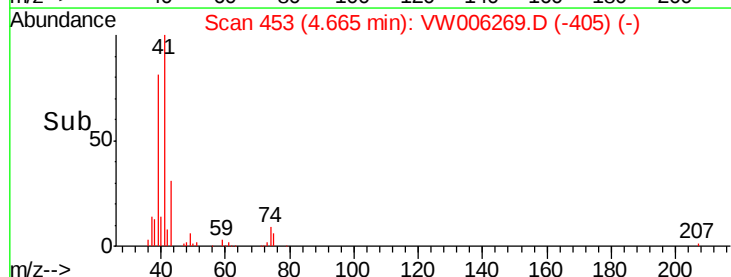
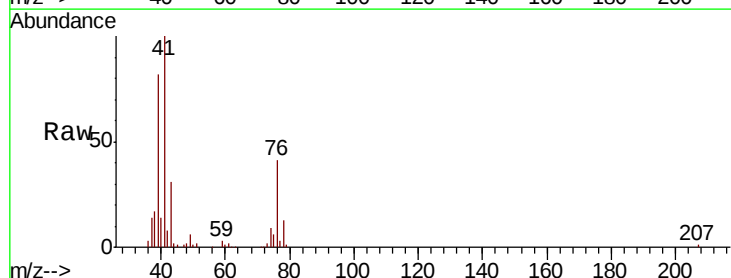
Tgt Ion: 41 Resp: 58570

Ion Ratio Lower Upper

41 100

39 81.0 64.1 96.1

76 39.4 32.2 48.4





#15

Acrylonitrile

Concen: 115.820 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

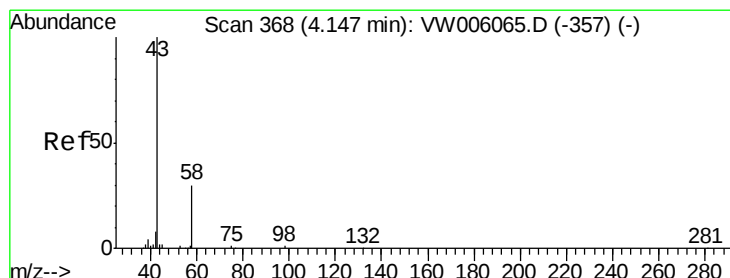
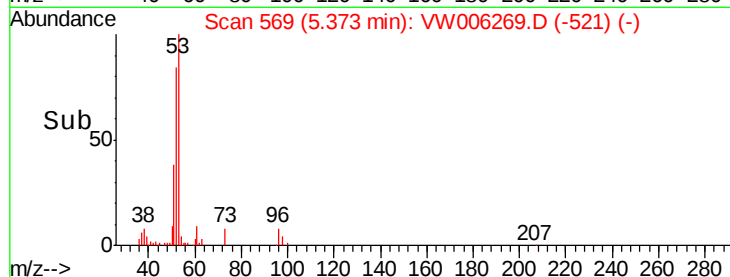
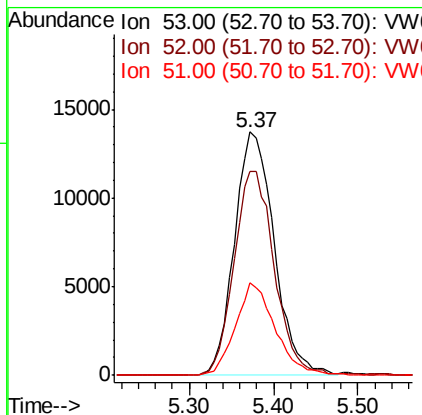
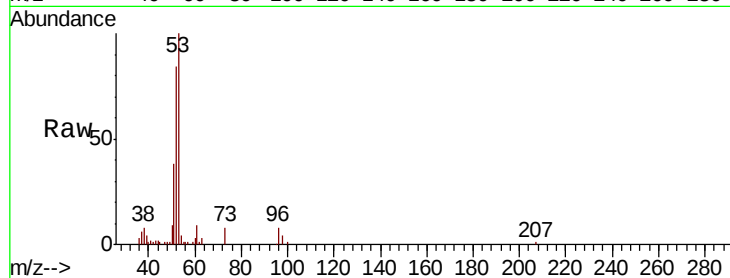
ClientSampleId :

VW1022SBS02

Tot Ion:	53	Resp:	44039
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.9	100.3
51	37.8	30.1	45.1

Manual Integrations
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sam
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#16

Acetone

Concen: 100.449 ug/l

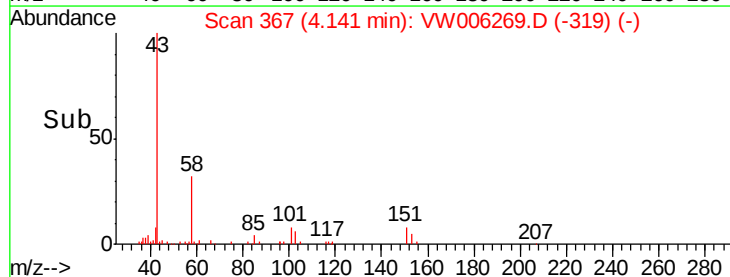
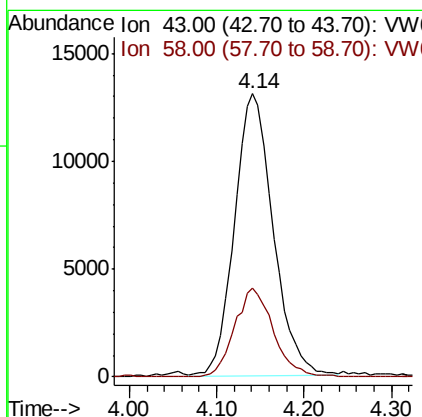
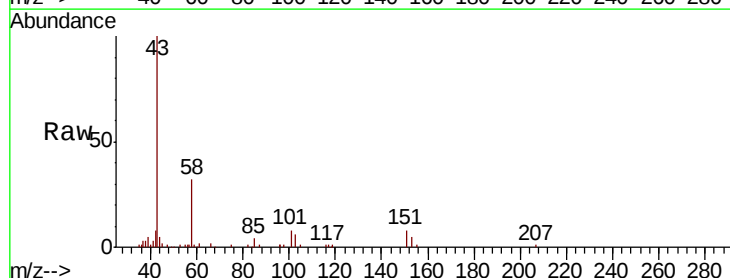
RT: 4.14 min Scan# 367

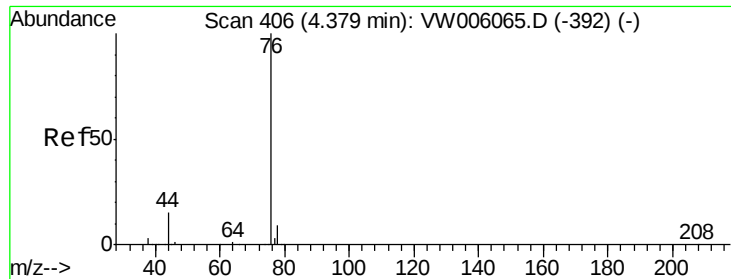
Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	43	Resp:	40017
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.0	36.0





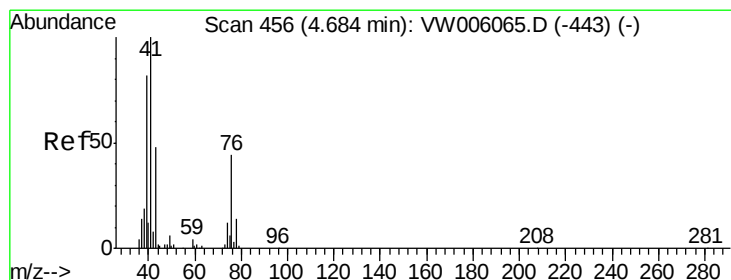
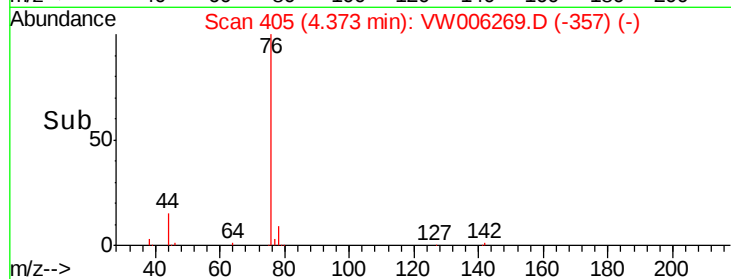
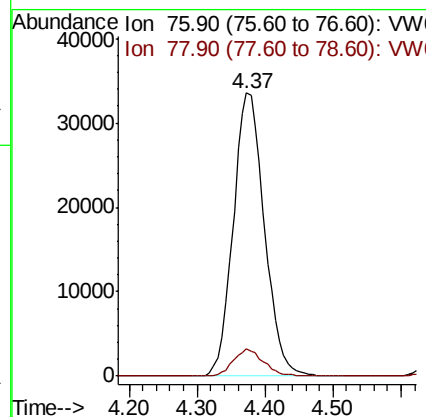
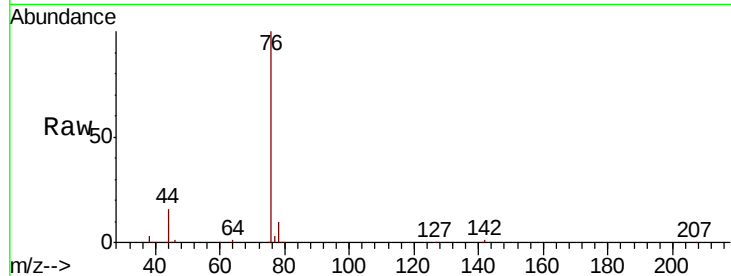
#17
Carbon Disulfide
Concen: 17.948 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

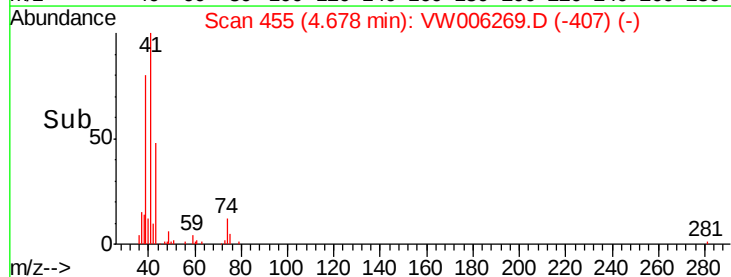
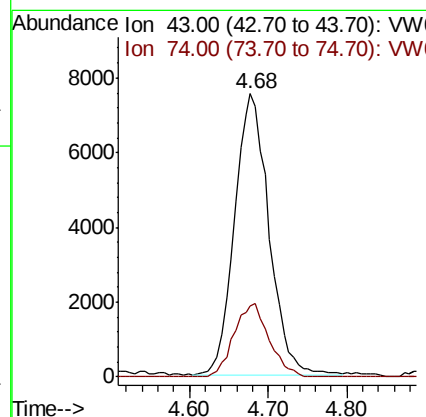
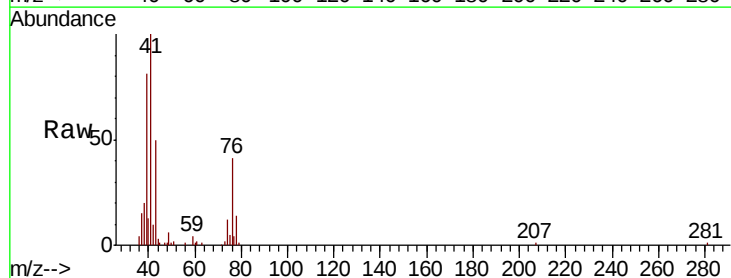
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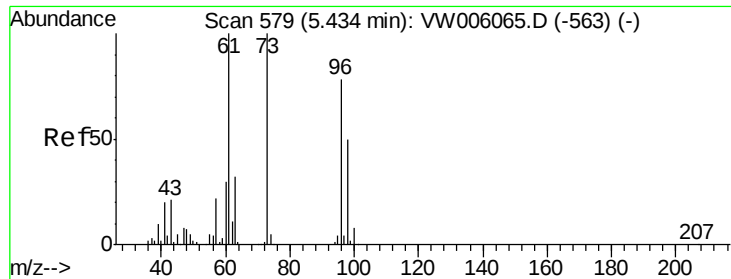
sam
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#18
Methyl Acetate
Concen: 23.126 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.5	30.7





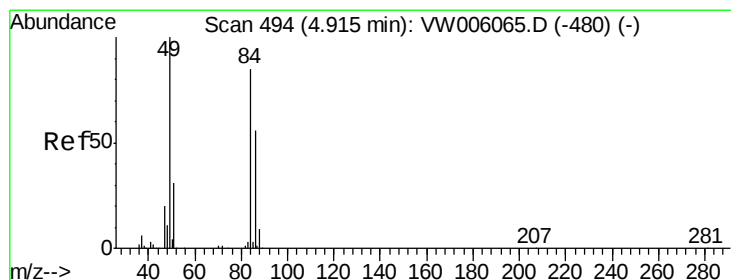
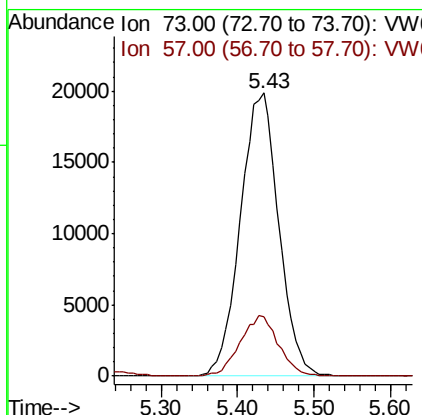
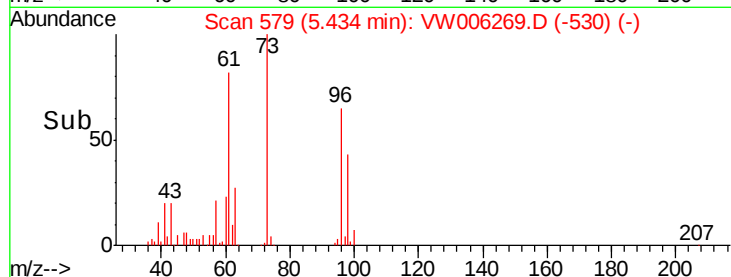
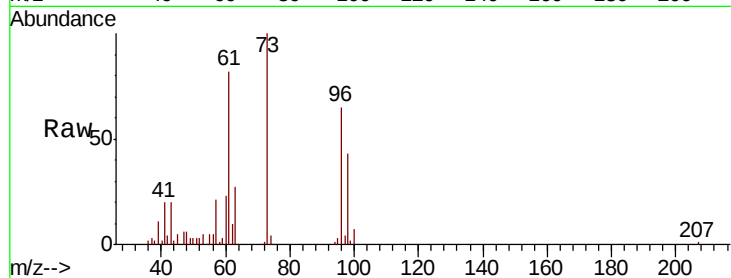
#19
Methyl tert-butyl Ether
Concen: 23.145 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion: 73 Resp: 69330
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2

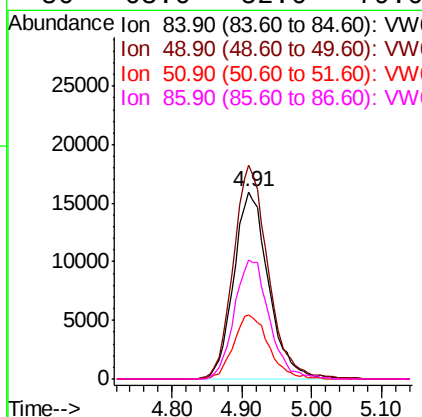
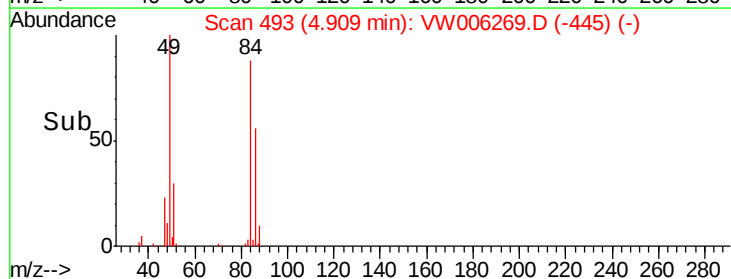
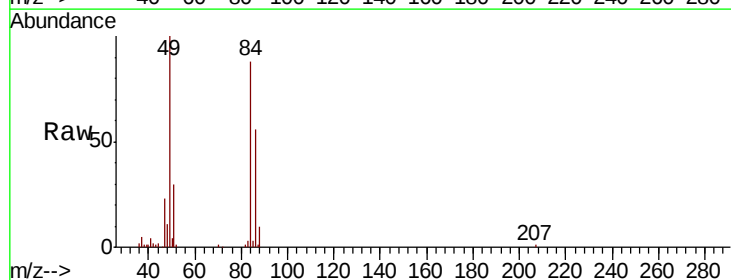
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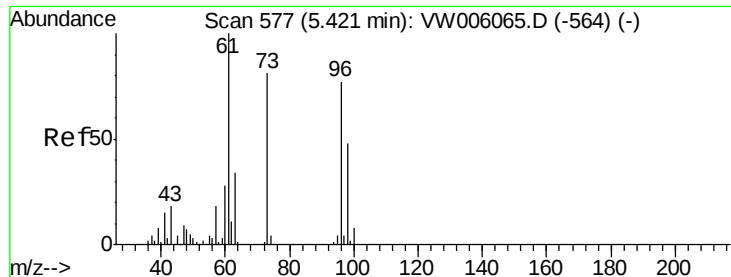
sam
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#20
Methylene Chloride
Concen: 25.941 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 84 Resp: 55182
Ion Ratio Lower Upper
84 100
49 114.1 93.6 140.4
51 34.0 29.0 43.4
86 63.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.529 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

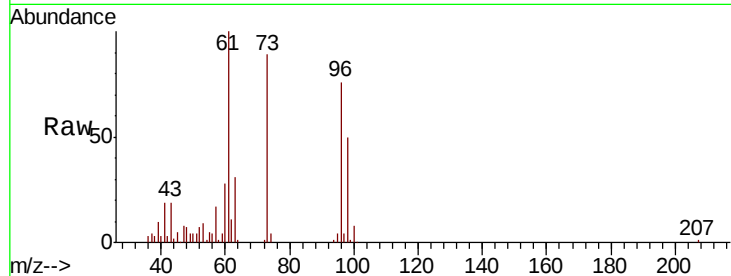
ClientSampleId :

VW1022SBS02

Tot Ion:	96	Resp:	49457
Ion	Ratio	Lower	Upper
96	100		
61	131.2	104.5	156.7
98	65.0	50.6	75.8

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sam
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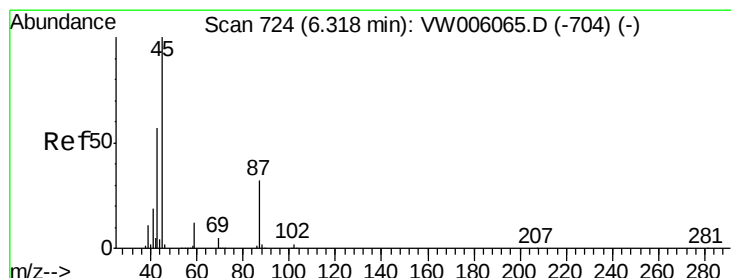
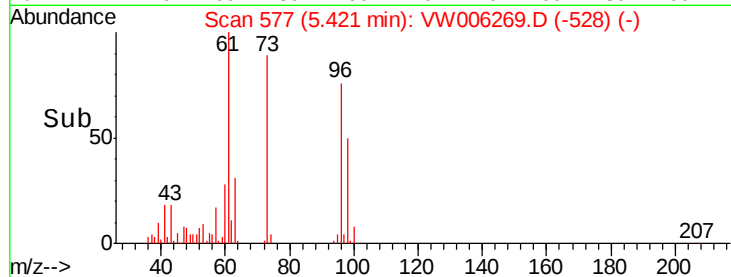
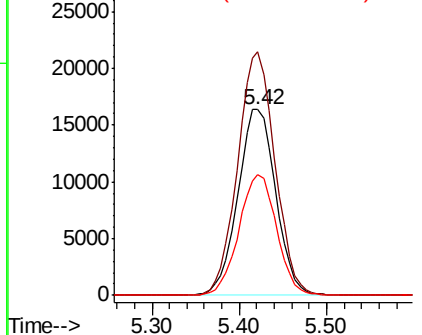


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 23.094 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	45	Resp:	128333
Ion	Ratio	Lower	Upper
45	100		
43	54.0	45.7	68.5
87	32.6	25.9	38.9
59	12.4	9.6	14.4

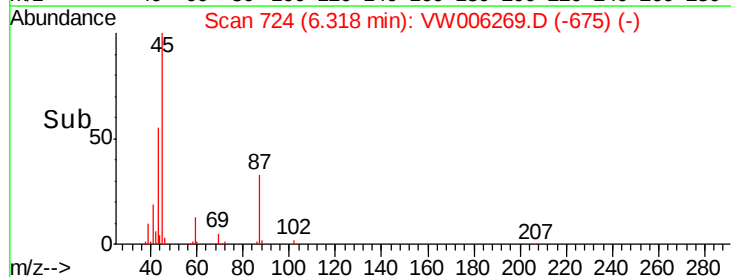
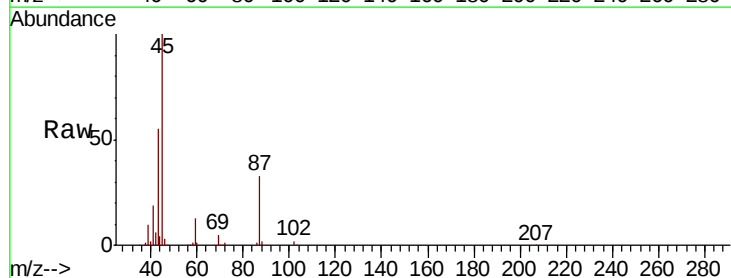
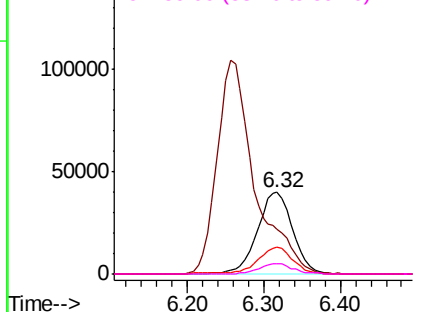
Abundance

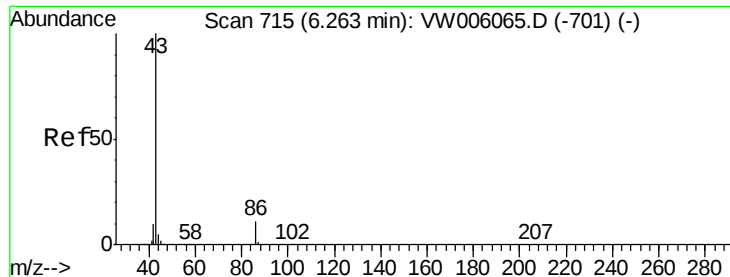
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 108.597 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 43 Resp: 356145

Ion Ratio Lower Upper

43 100

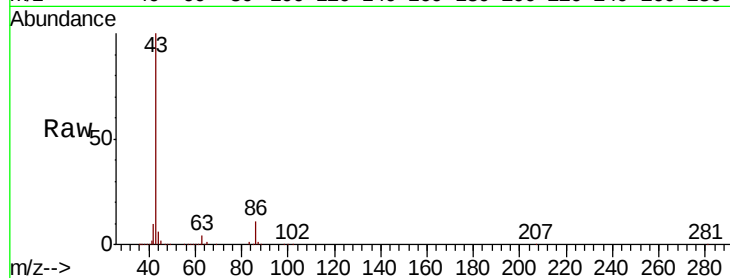
86 11.1 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

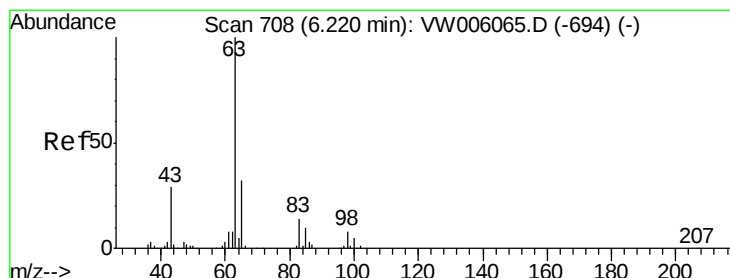
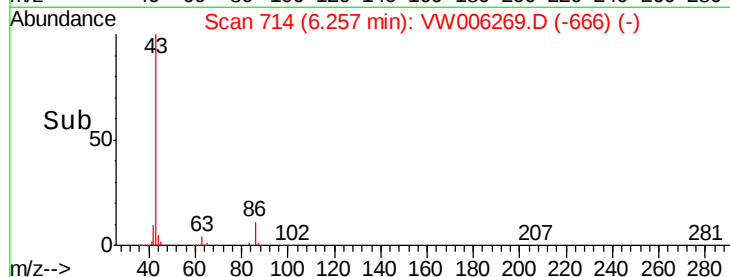
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.246 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

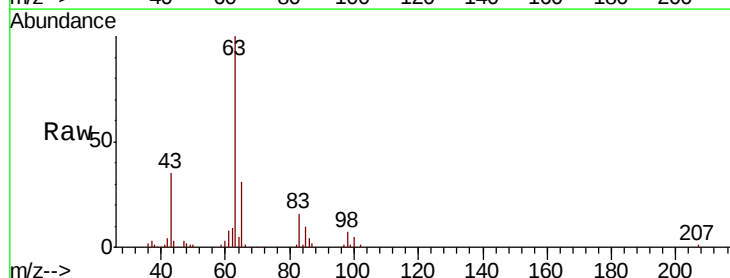
Tgt Ion: 63 Resp: 83353

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

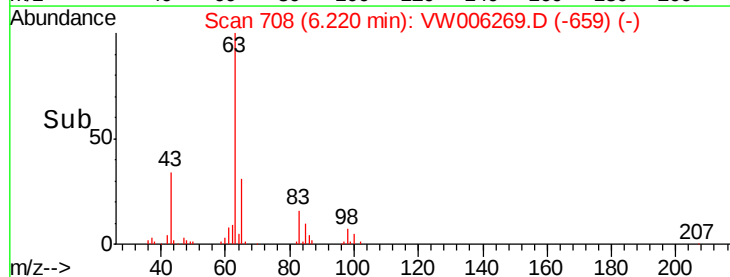
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 111.448 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 43 Resp: 58753

Ion Ratio Lower Upper

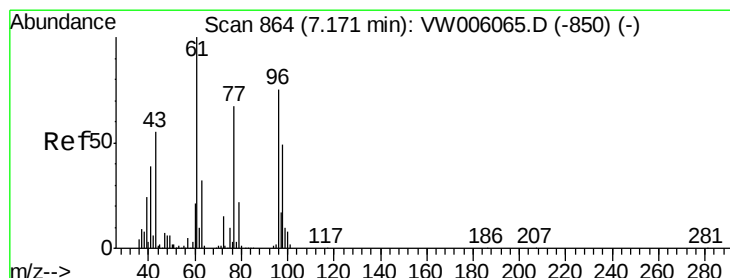
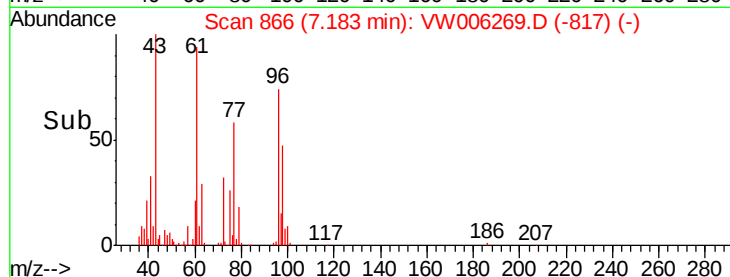
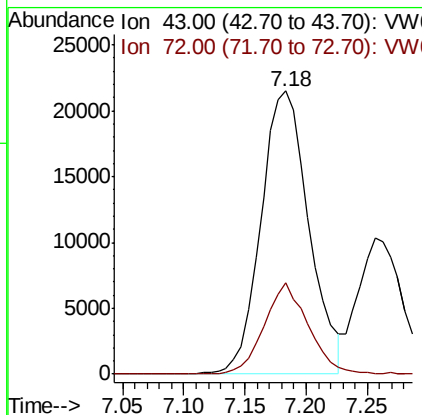
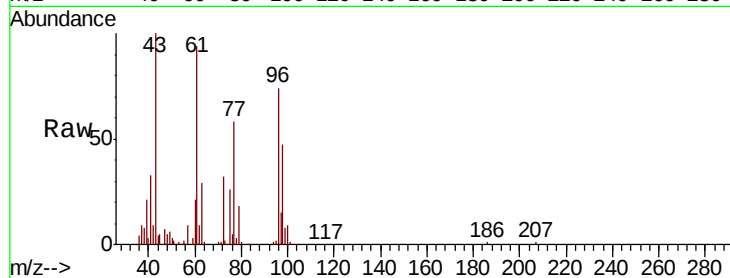
43 100

72 32.3 22.8 34.2

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sam

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#26

2,2-Dichloropropane

Concen: 19.971 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006269.D

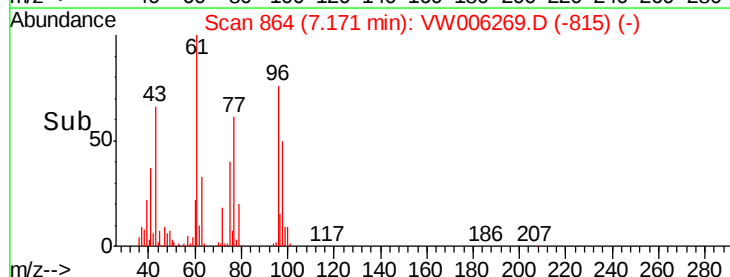
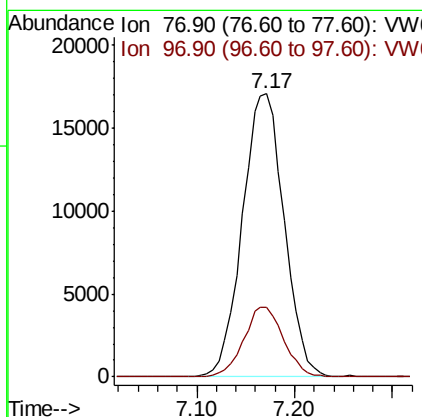
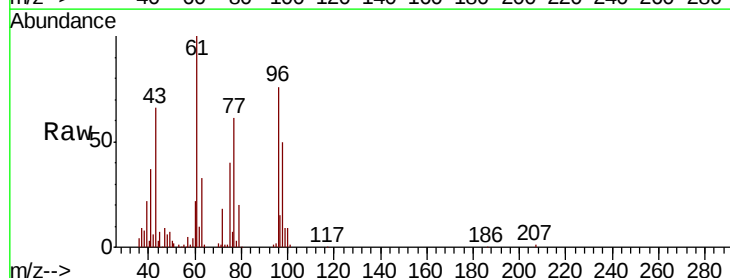
Acq: 23 Oct 2018 01:03

Tgt Ion: 77 Resp: 50506

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.4





#27

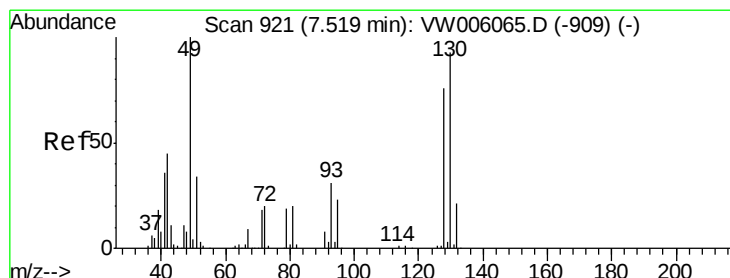
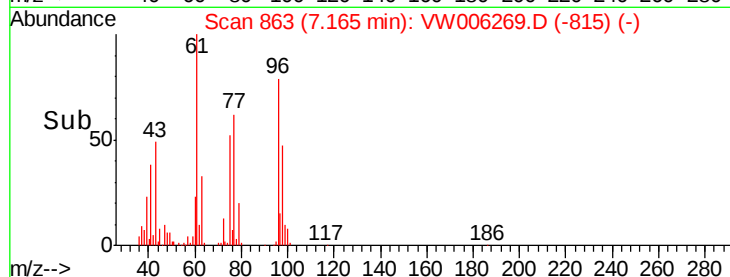
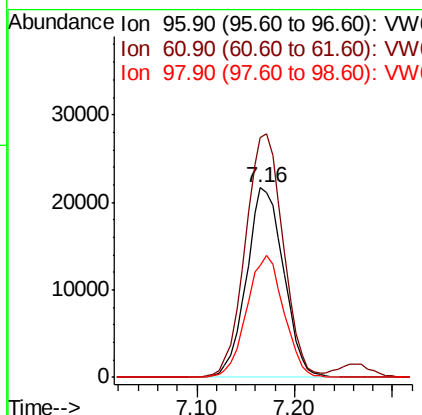
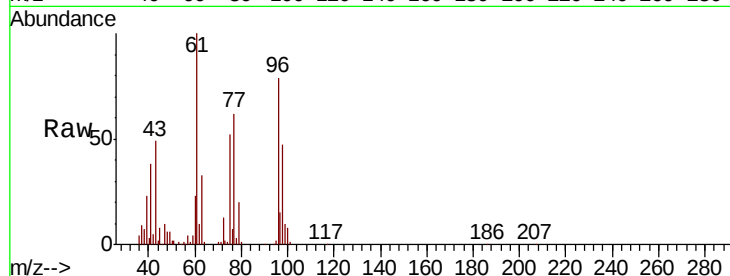
cis-1,2-Dichloroethene
Concen: 23.546 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	267.2
98	64.4	0.0	128.6

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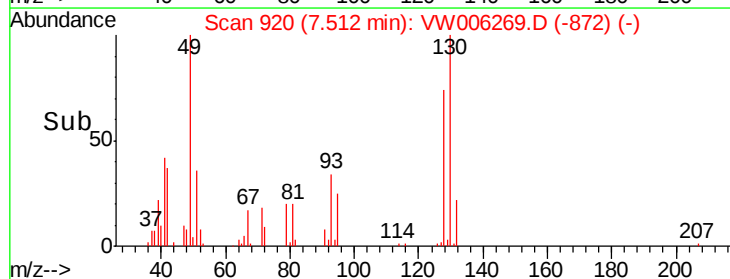
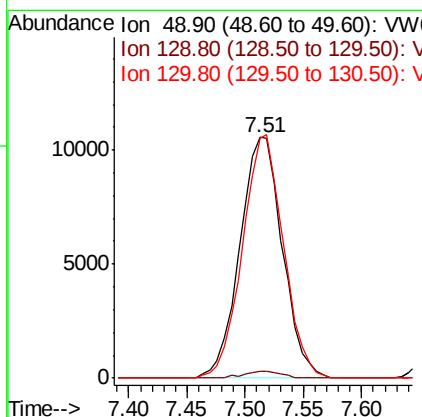
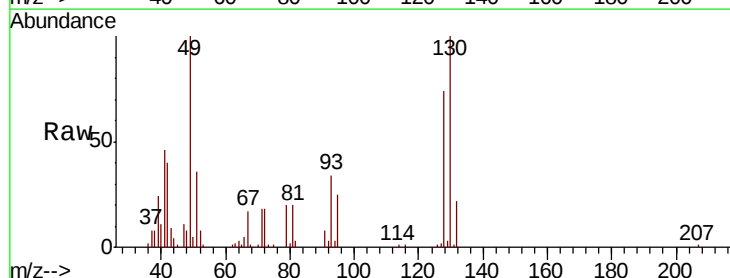
sam
10/24/2018 5:33:25 PM



#28

Bromochloromethane
Concen: 19.433 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	96.9	73.8	110.8





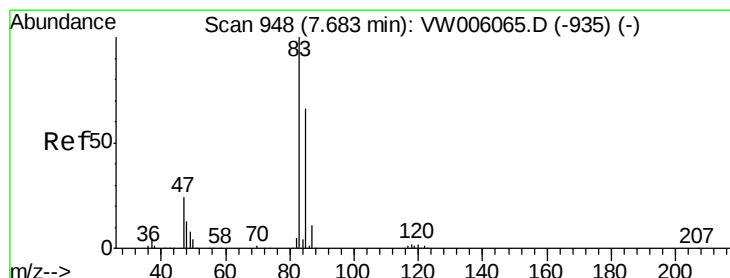
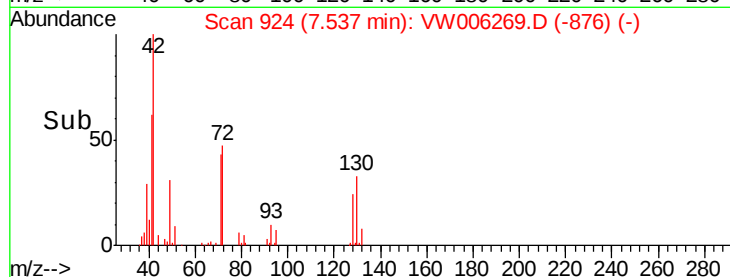
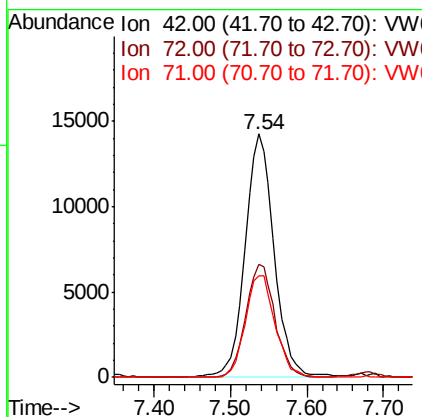
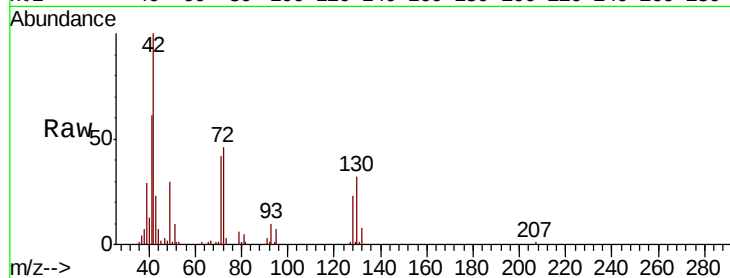
#29
Tetrahydrofuran
Concen: 116.375 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion:	42	Resp:	37711
Ion Ratio	Lower	Upper	
42	100		
72	46.6	38.0	57.0
71	42.9	35.3	52.9

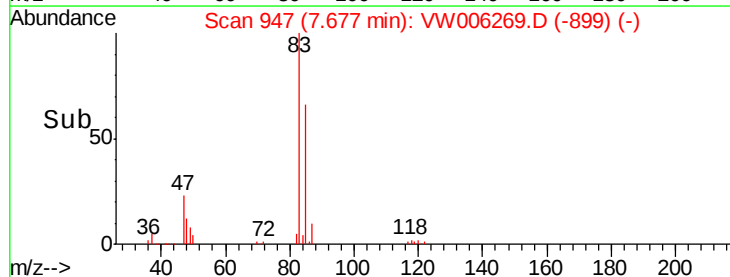
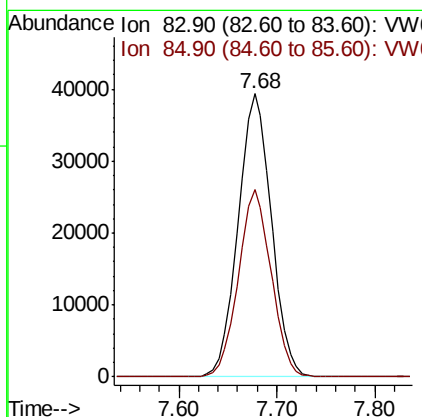
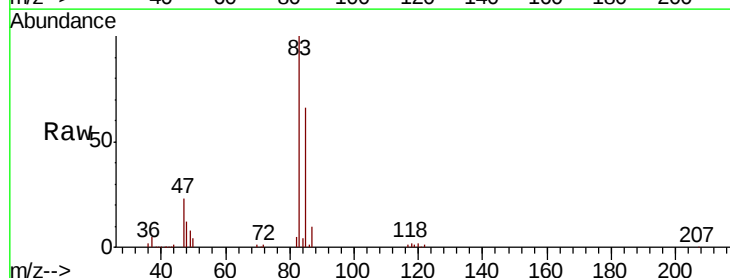
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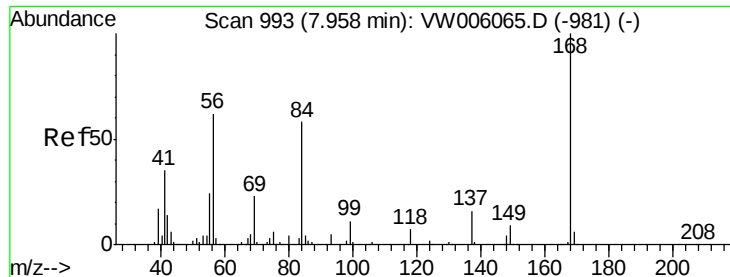
sam
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#30
Chloroform
Concen: 23.757 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion:	83	Resp:	92810
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.6	79.0





#31

Cyclohexane

Concen: 19.836 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

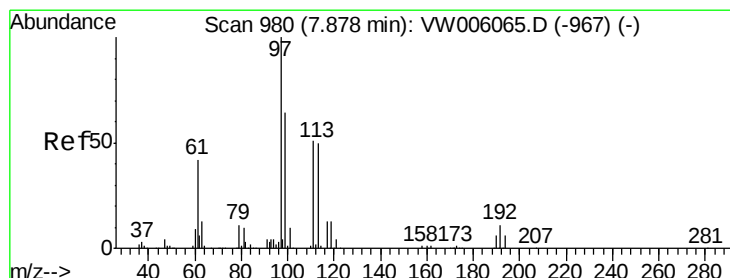
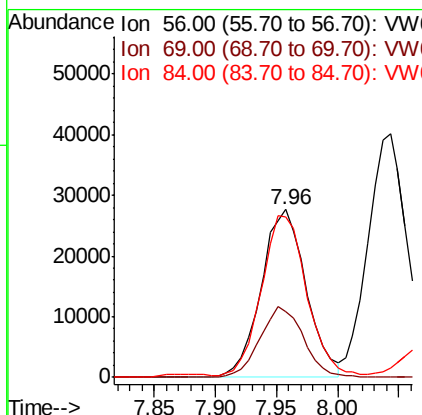
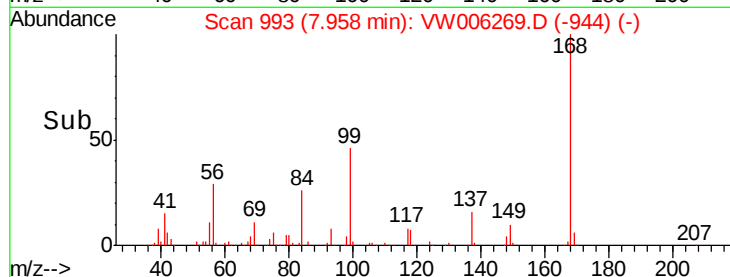
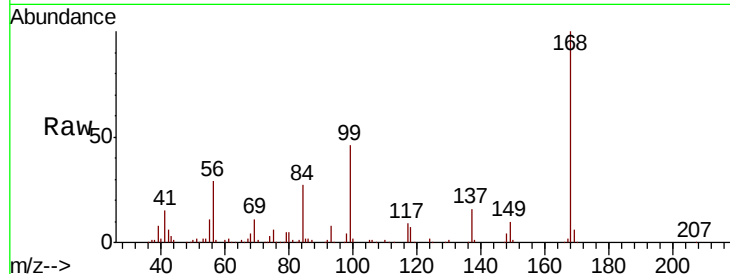
ClientSampleId :

VW1022SBS02

Tot Ion:	56	Resp:	70833
Ion	Ratio	Lower	Upper
56	100		
69	39.2	29.4	44.0
84	93.8	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 21.749 ug/l

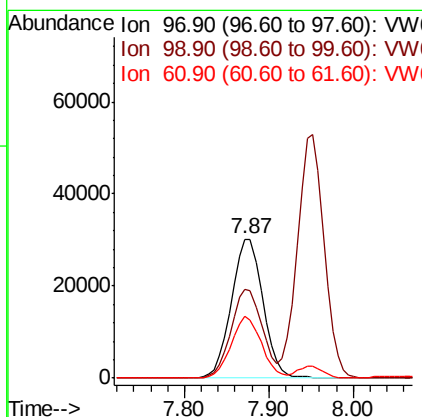
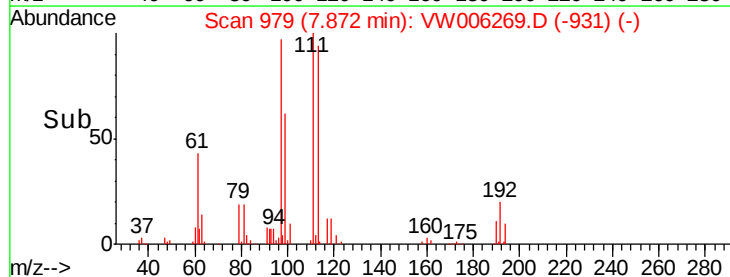
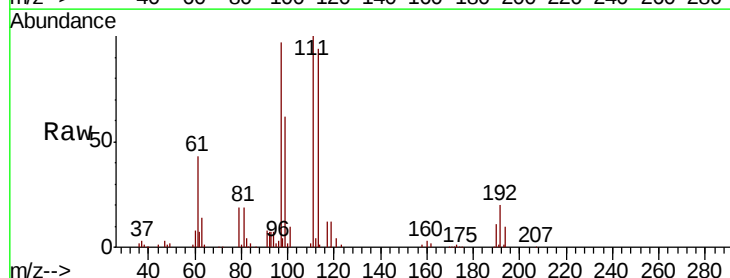
RT: 7.87 min Scan# 979

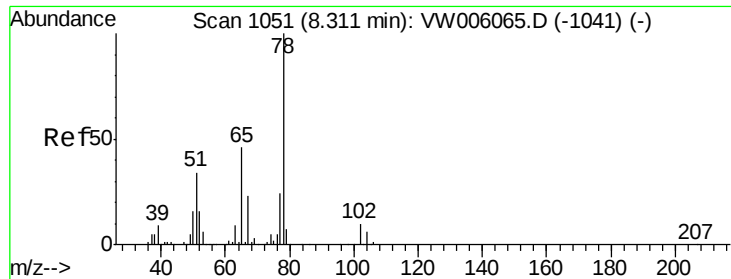
Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	97	Resp:	76646
Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.9	76.3
61	42.6	33.7	50.5





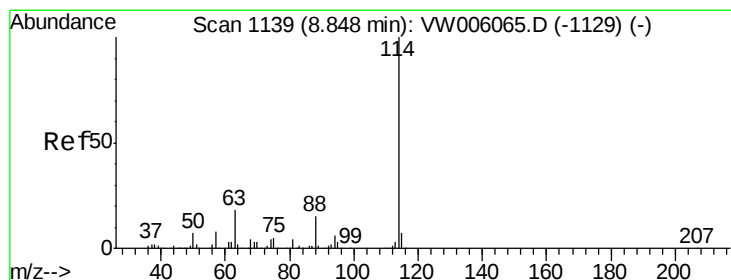
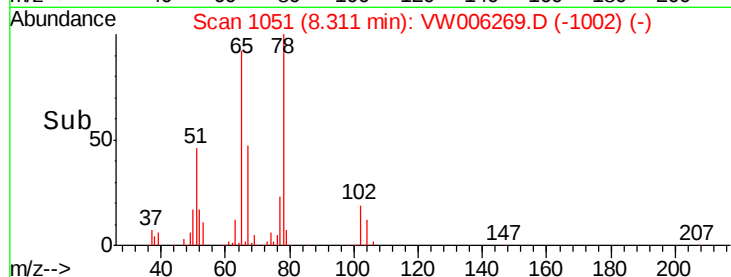
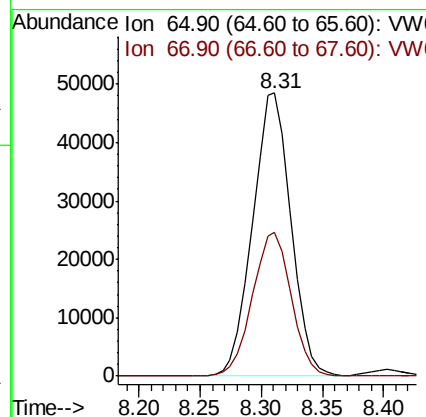
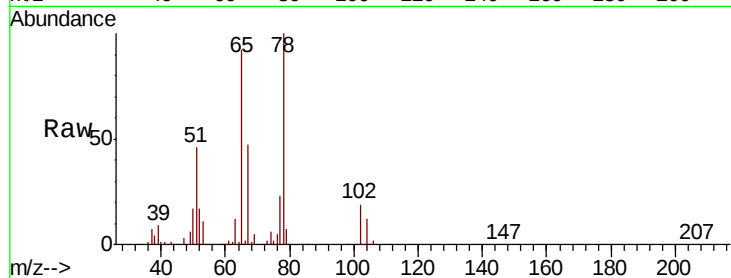
#33
 1,2-Dichloroethane-d4
 Concen: 54.107 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	101.0	

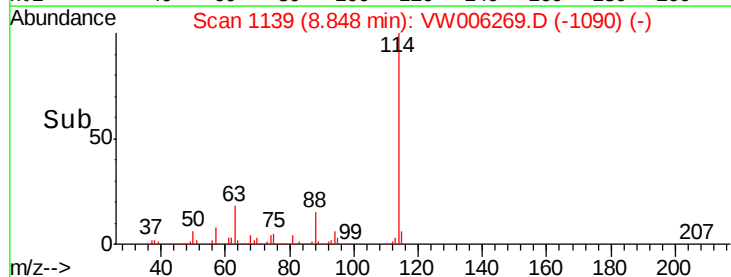
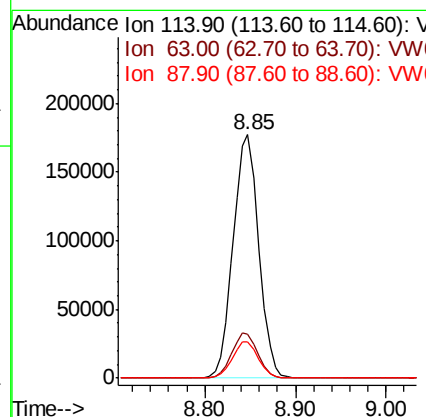
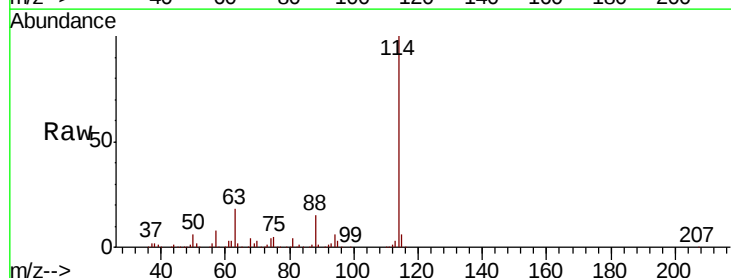
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	36.8	
88	14.7	0.0	29.0	





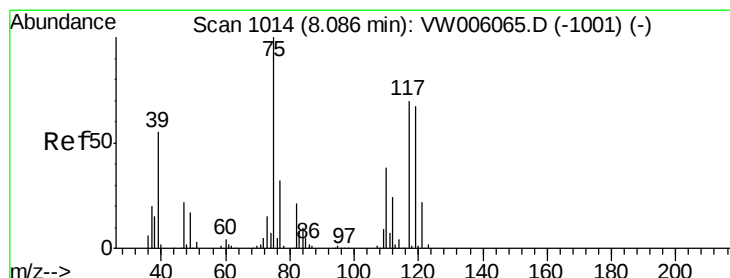
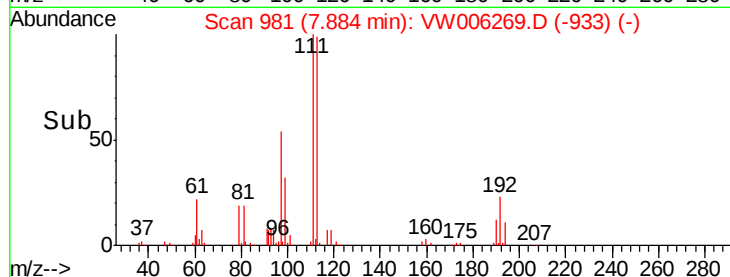
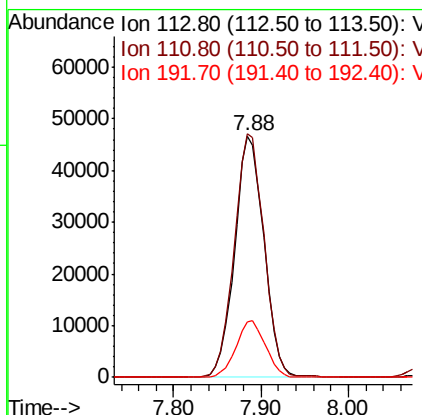
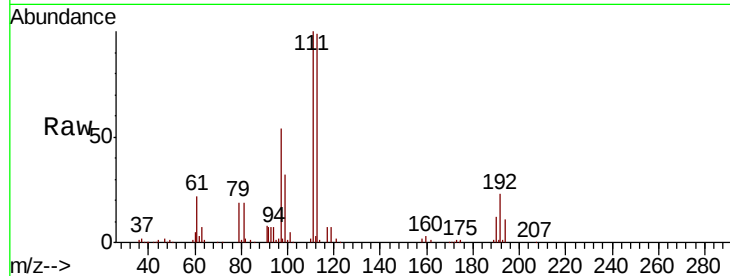
#35
 Dibromofluoromethane
 Concen: 52.903 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.5	18.7	28.1

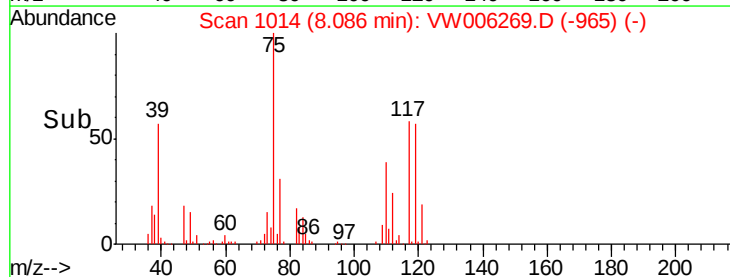
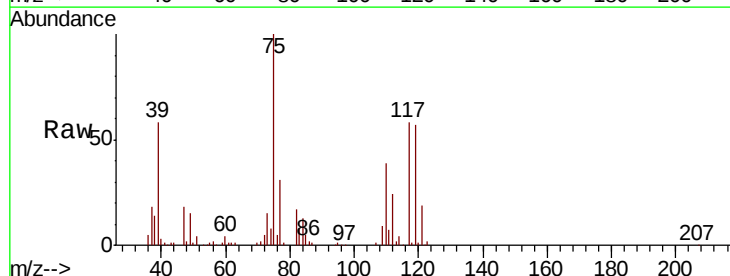
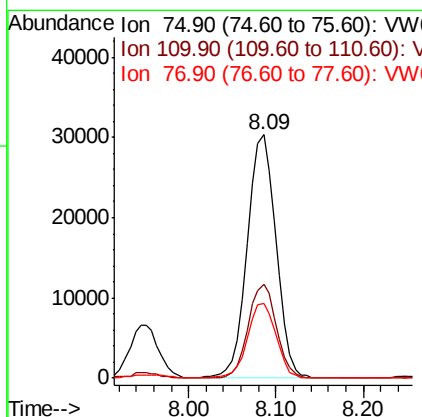
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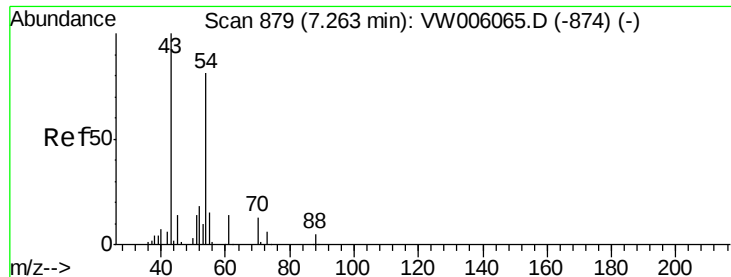
sam
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#36
 1,1-Dichloropropene
 Concen: 21.741 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.1	57.1
77	30.6	25.0	37.4





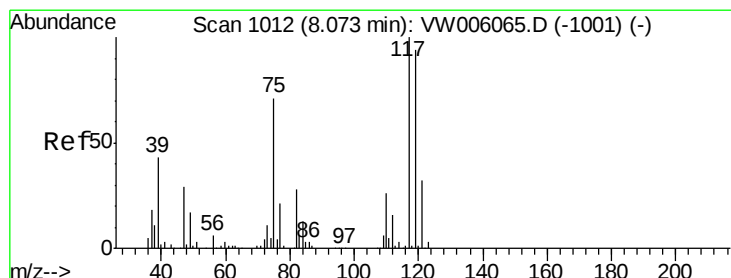
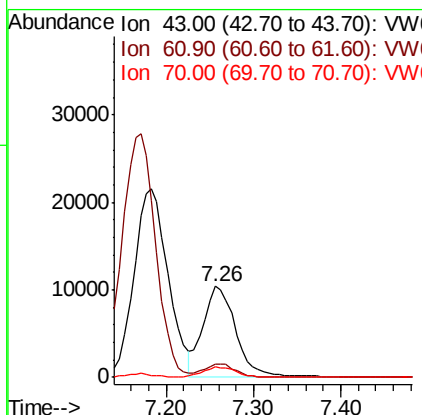
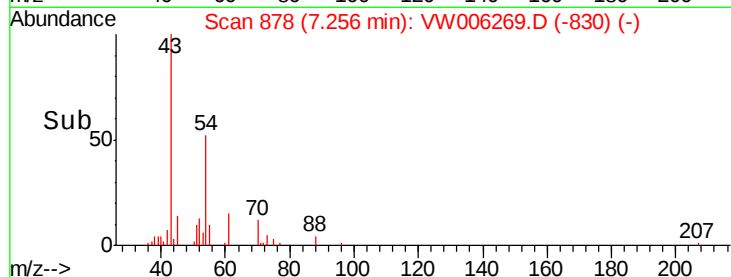
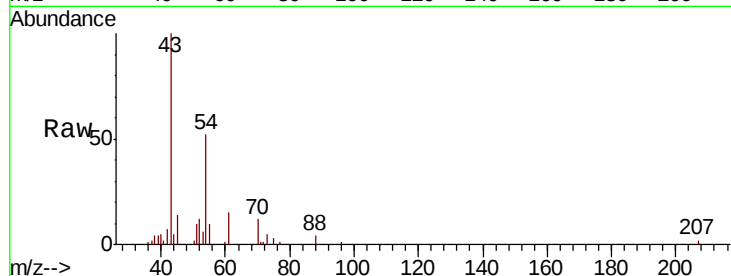
#37
Ethyl Acetate
Concen: 22.747 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.8	9.2	13.8

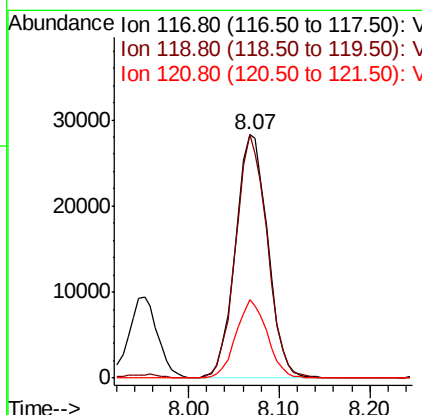
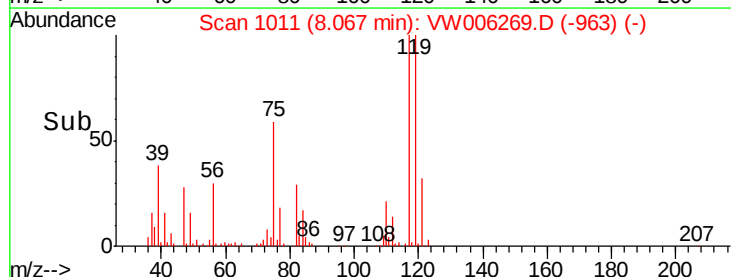
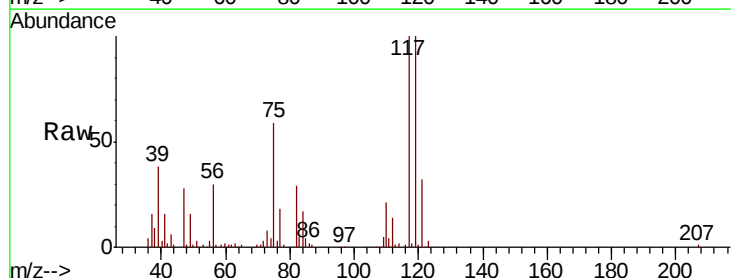
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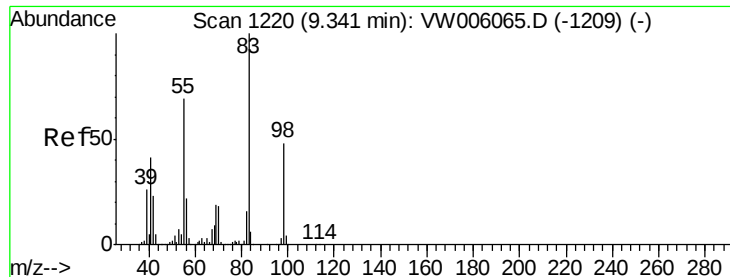
sam
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#38
Carbon Tetrachloride
Concen: 20.023 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.2	112.8
121	32.0	25.3	37.9





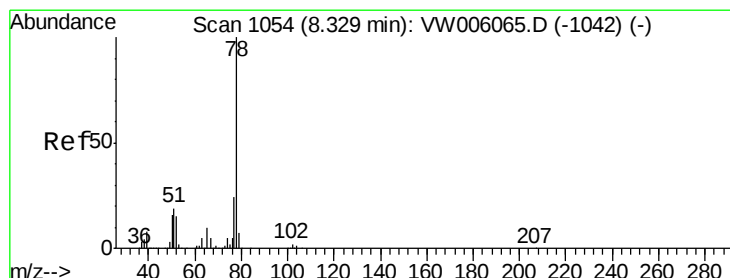
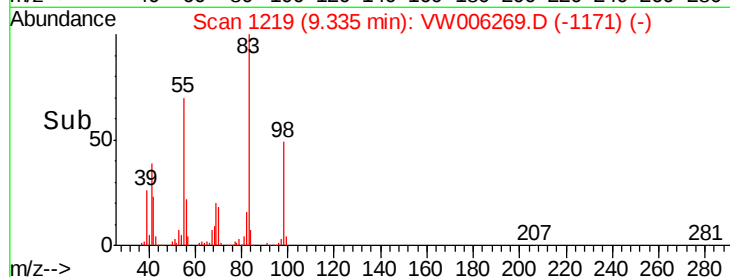
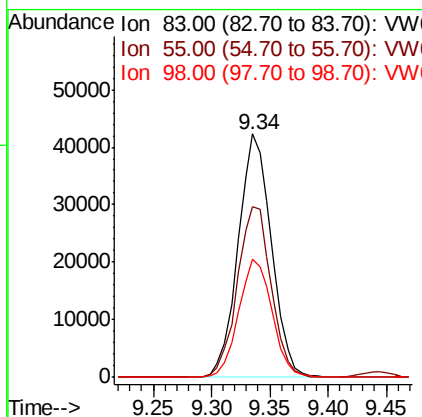
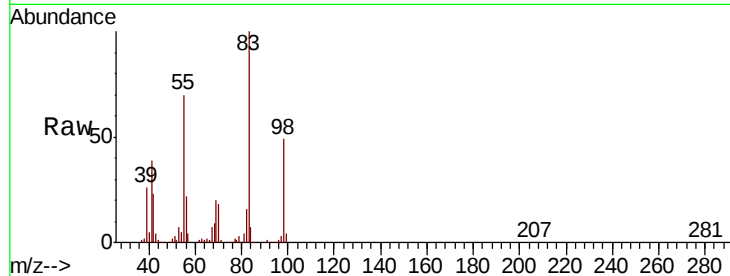
#39
Methvlcvclohexane
Concen: 19.849 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	55.0	82.6
98	48.6	38.6	57.8

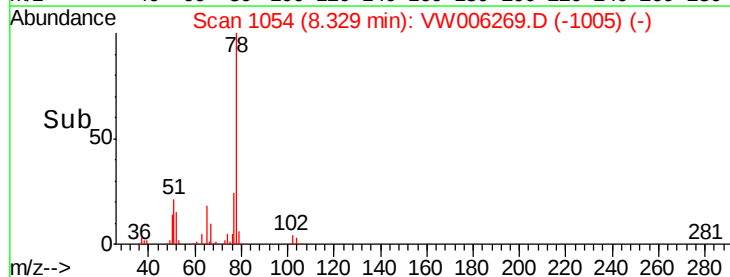
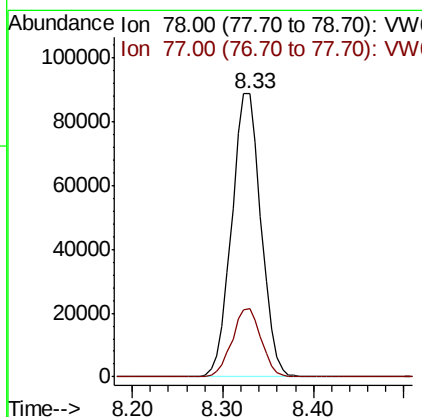
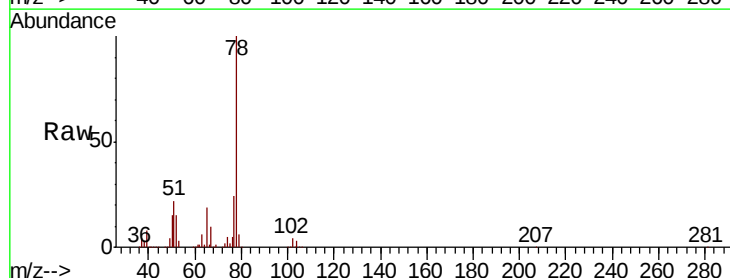
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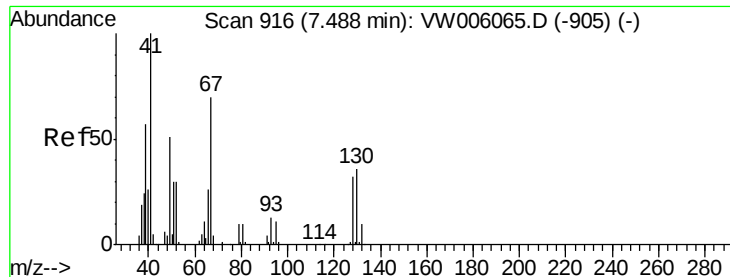
sam
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#40
Benzene
Concen: 22.677 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





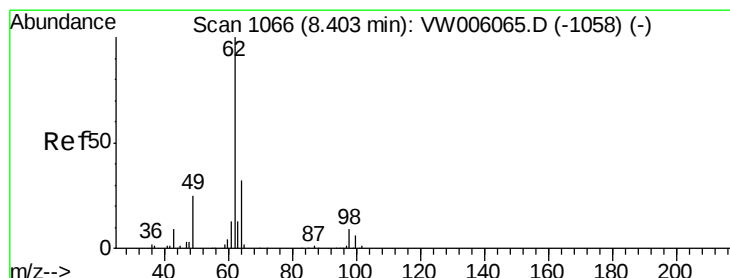
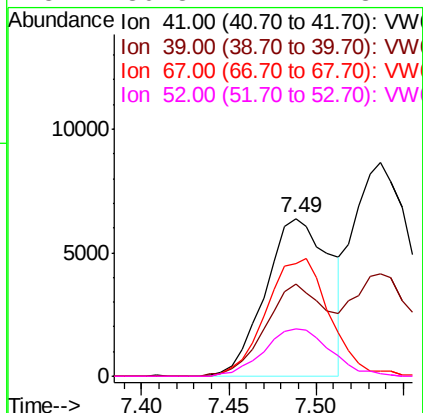
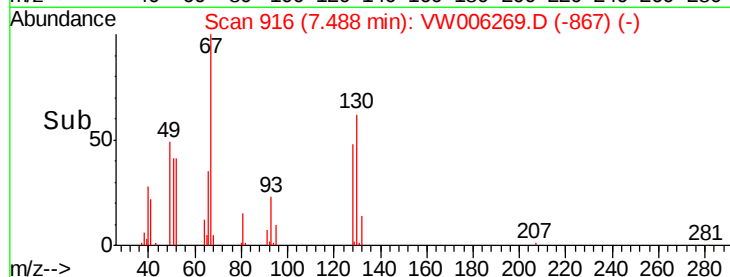
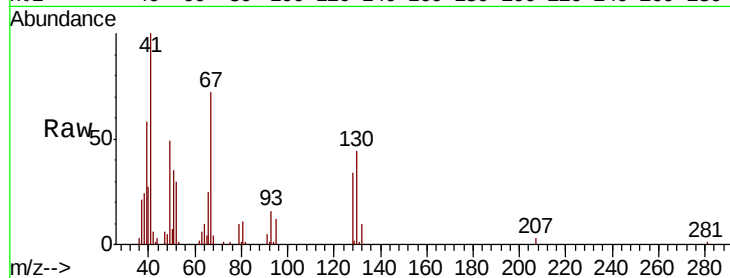
#41
Methacrylonitrile
Concen: 23.111 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.2	69.4
67	73.1	57.7	86.5
52	30.8	24.7	37.1

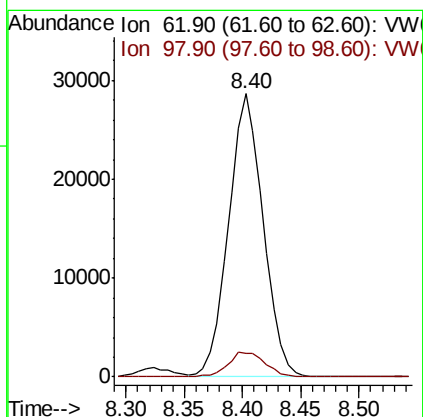
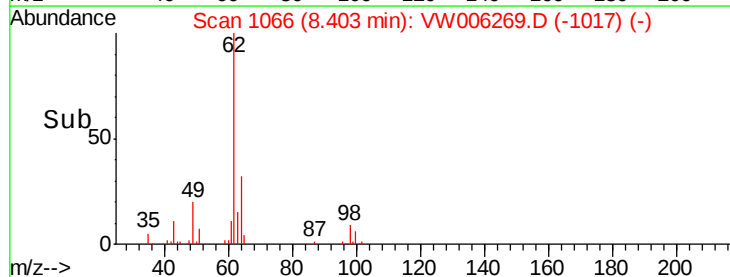
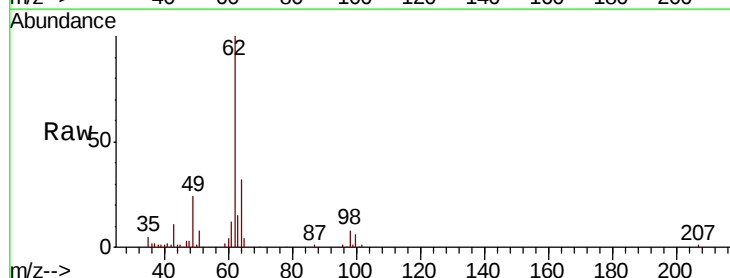
Manual Integrations
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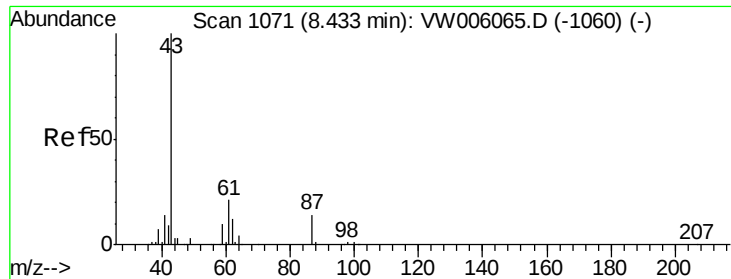
sam
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#42
1,2-Dichloroethane
Concen: 22.938 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.616 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

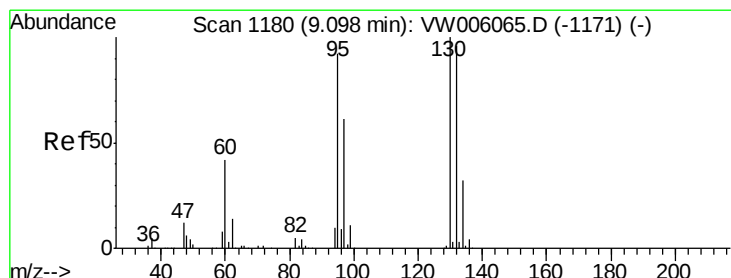
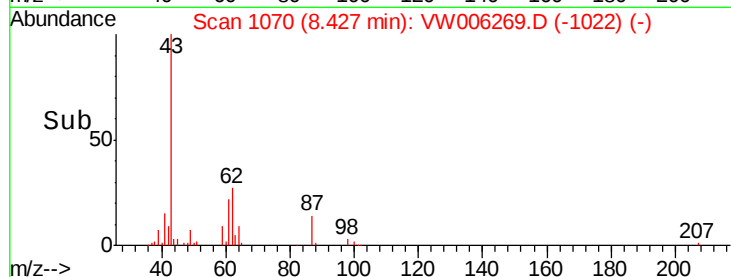
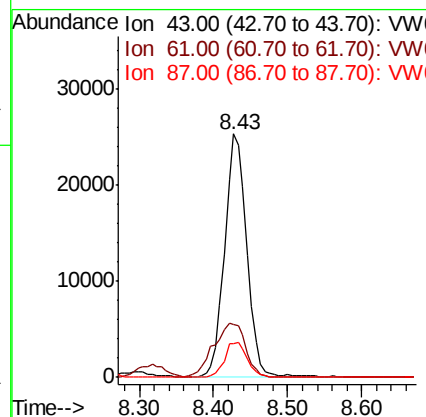
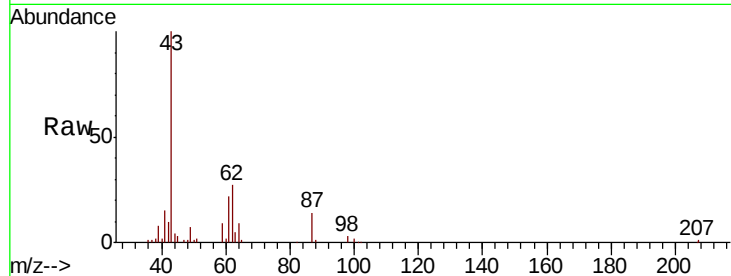
ClientSampleId :

VW1022SBS02

Tot Ion:	43	Resp:	52515
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.5	38.3
87	14.6	11.7	17.5

Manual Integrations
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sam
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#44

Trichloroethene

Concen: 22.391 ug/l

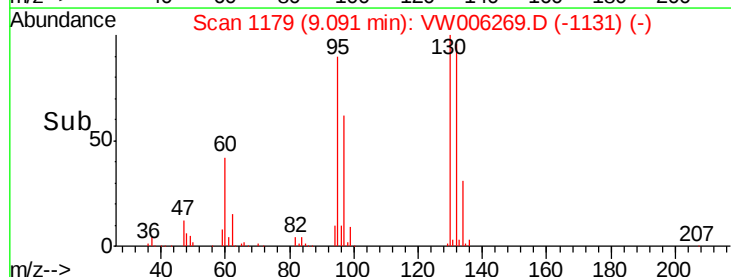
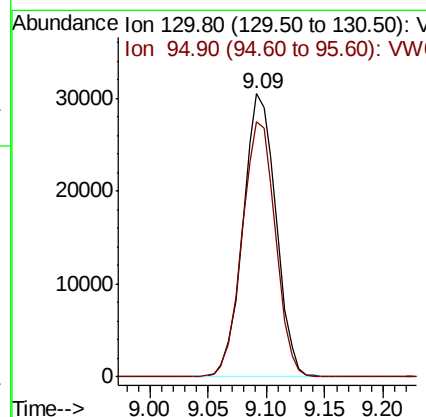
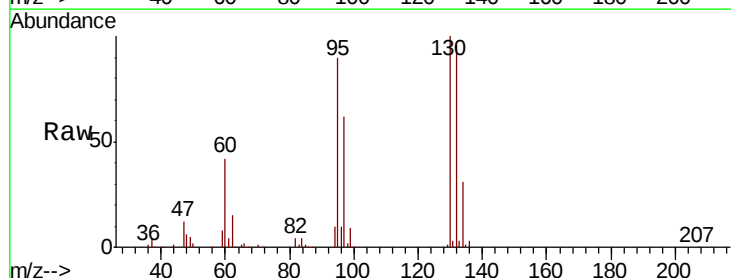
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	130	Resp:	60261
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	183.2





#45

1,2-Dichloropropane

Concen: 22.698 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 63 Resp: 47647

Ion Ratio Lower Upper

63 100

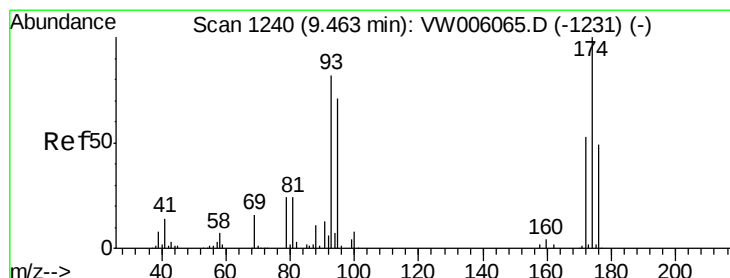
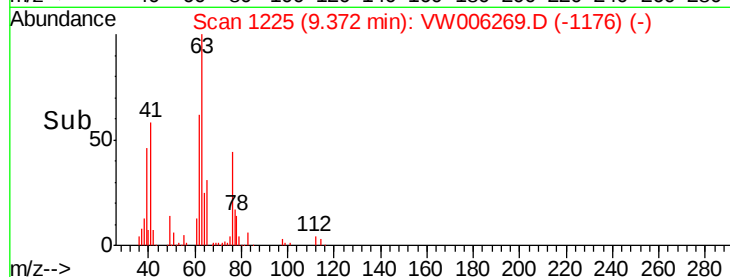
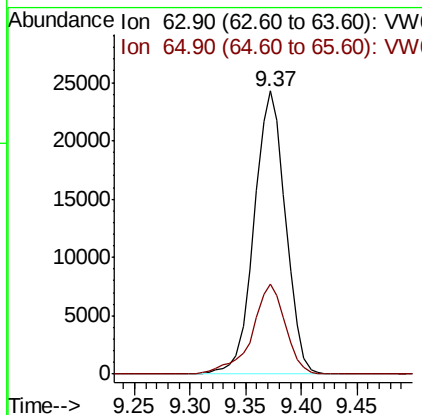
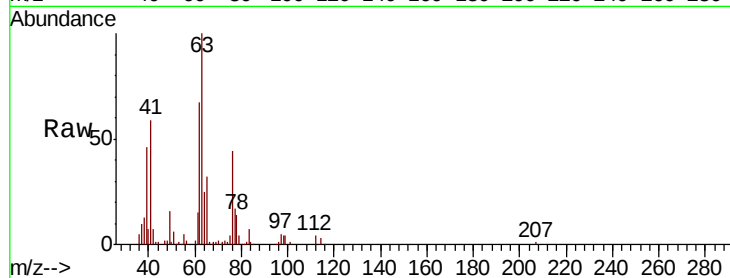
65 31.9 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 23.142 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

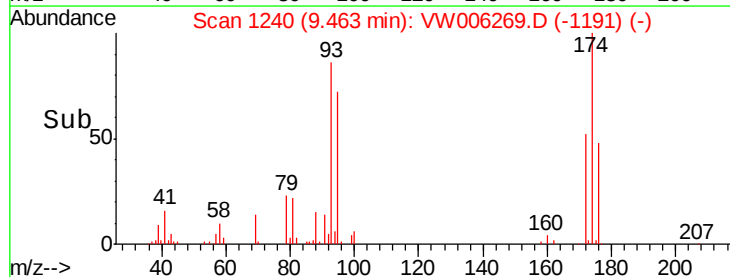
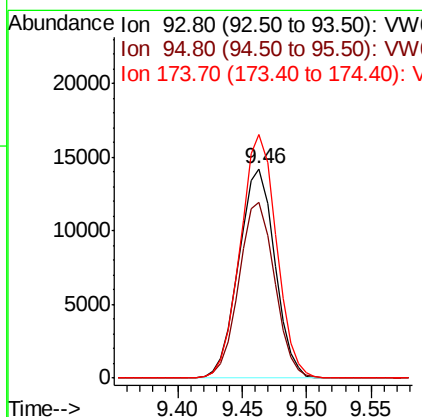
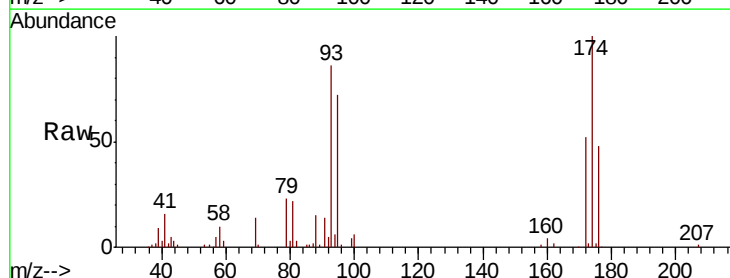
Tgt Ion: 93 Resp: 27688

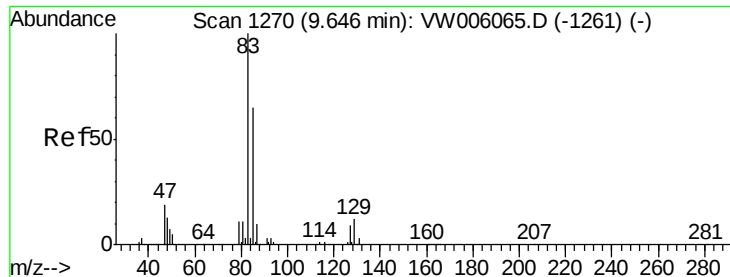
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

174 115.9 93.7 140.5





#47

Bromodichloromethane

Concen: 21.431 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

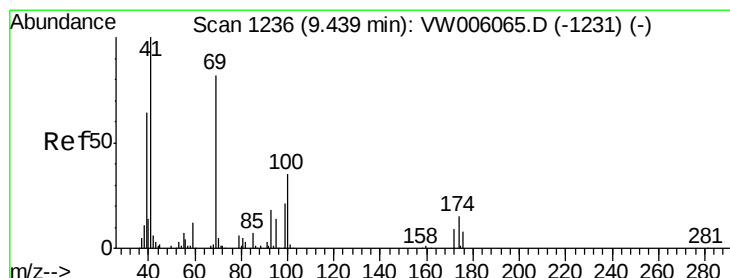
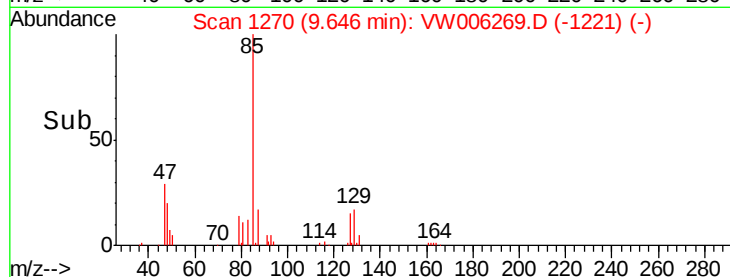
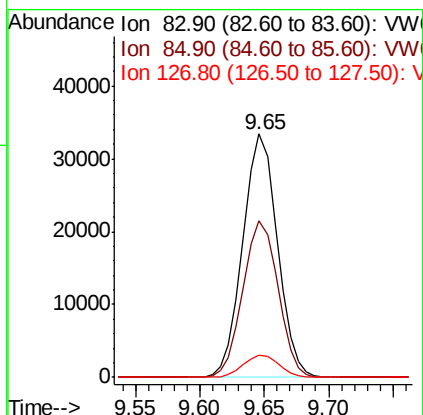
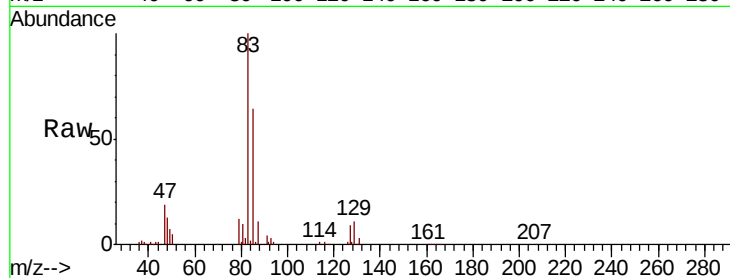
ClientSampleId :

VW1022SBS02

Tot Ion:	83	Resp:	62164
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.8
127	9.3	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.537 ug/l

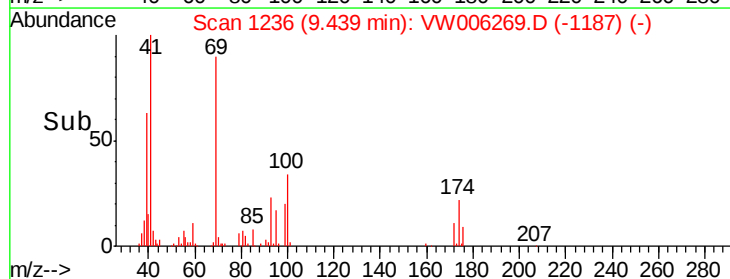
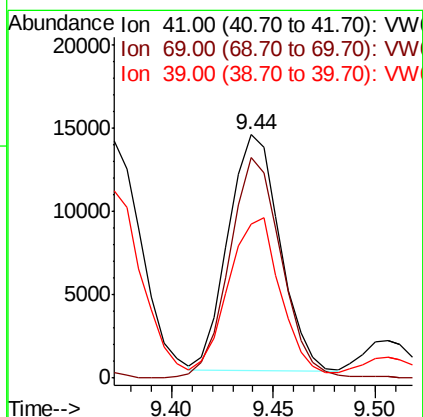
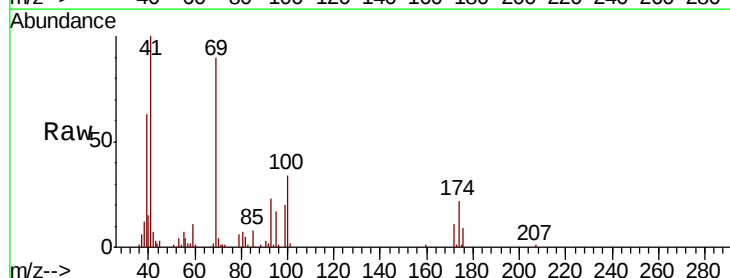
RT: 9.44 min Scan# 1236

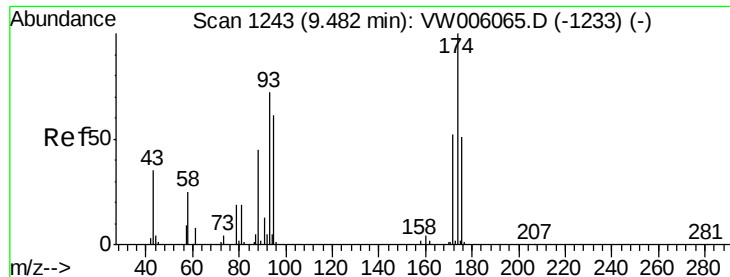
Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	41	Resp:	24802
Ion	Ratio	Lower	Upper
41	100		
69	95.0	71.8	107.8
39	69.5	52.5	78.7





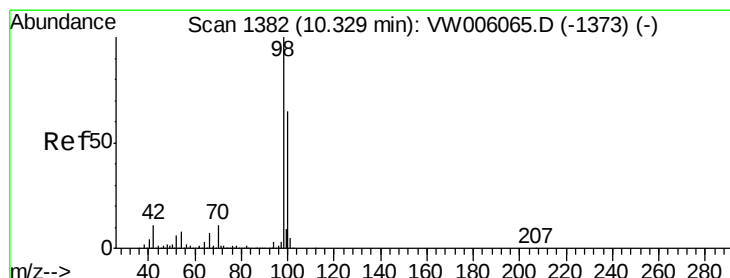
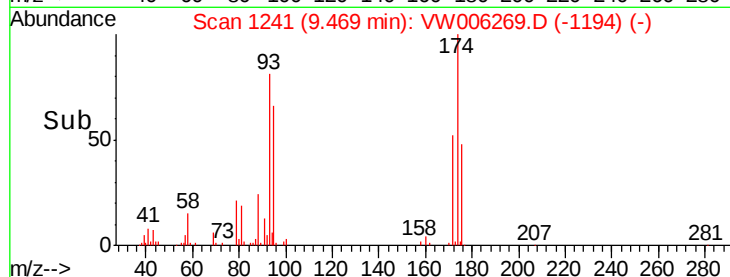
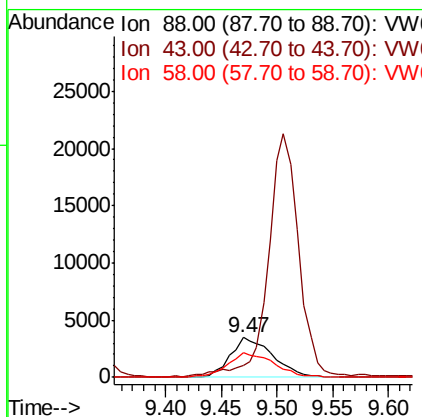
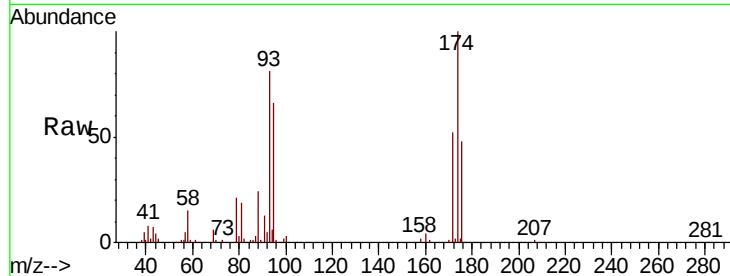
#49
1,4-Dioxane
Concen: 499.658 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	88	Resp	9203
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.9	51.2	76.8

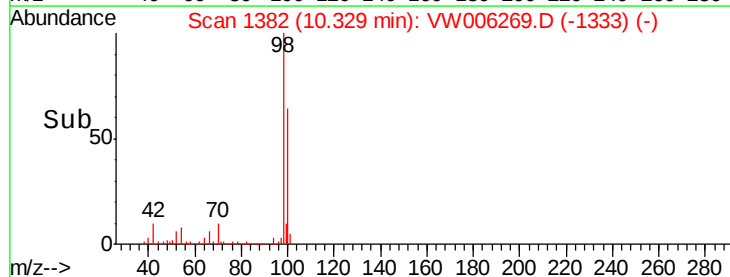
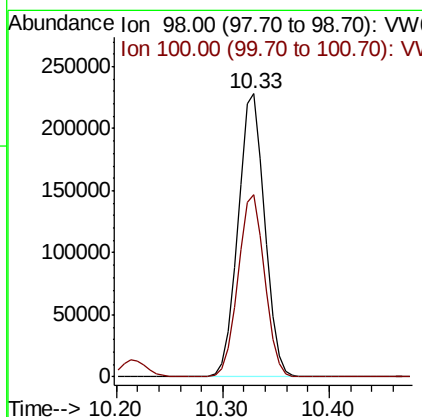
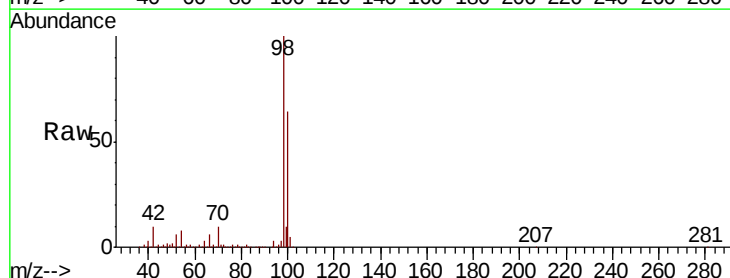
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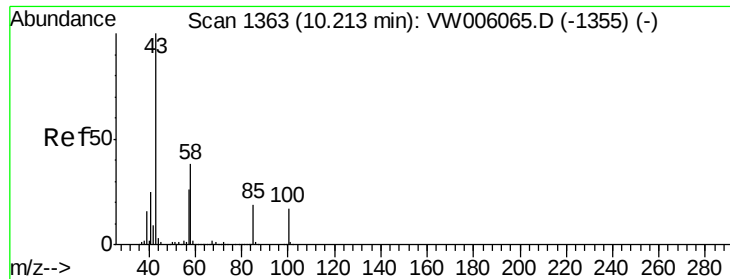
sam
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#50
Toluene-d8
Concen: 51.489 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	98	Resp	401607
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 109.954 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 43 Resp: 133839

Ion Ratio Lower Upper

43 100

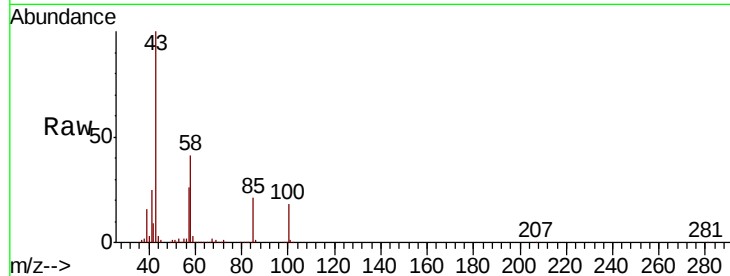
58 40.4 31.5 47.3

Manual Integrations

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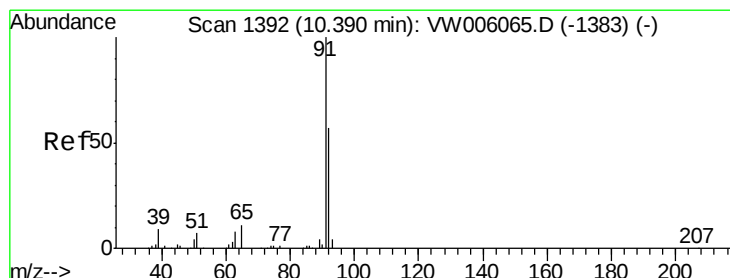
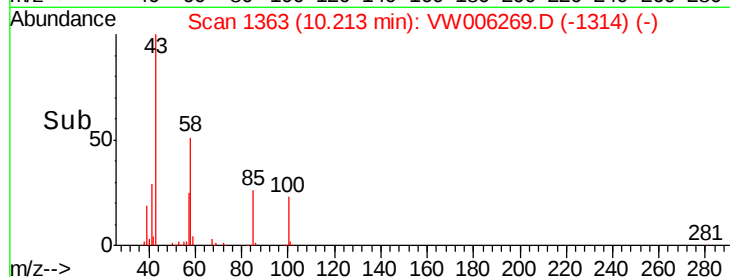
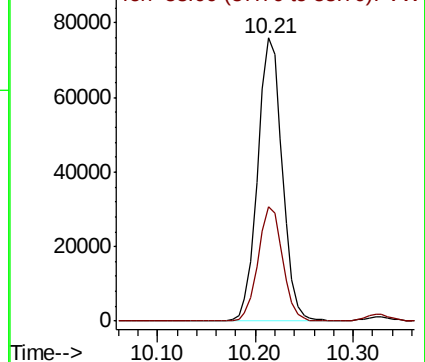
sam

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 22.637 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006269.D

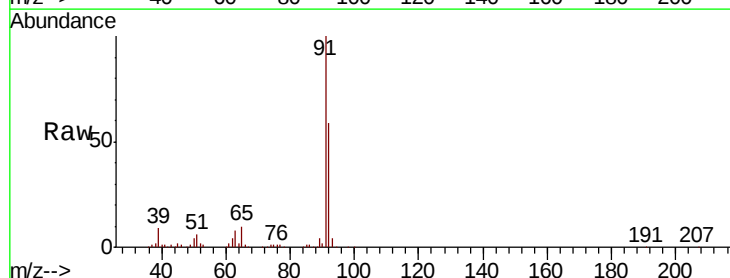
Acq: 23 Oct 2018 01:03

Tgt Ion: 92 Resp: 133131

Ion Ratio Lower Upper

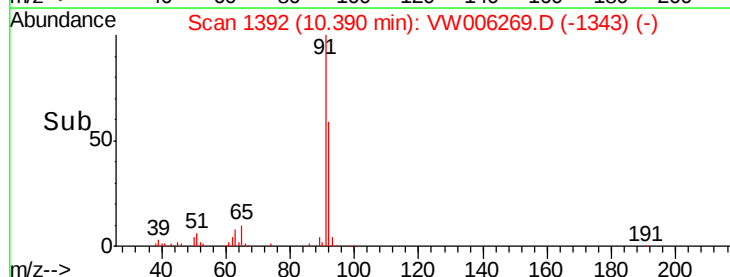
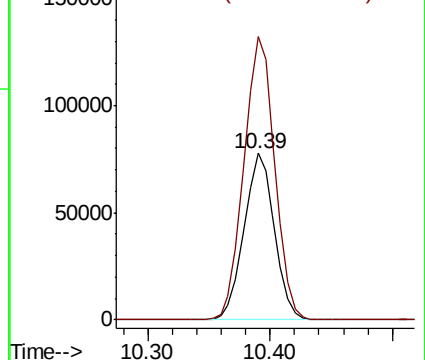
92 100

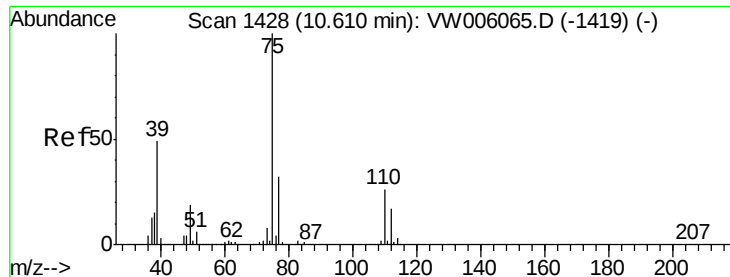
91 173.4 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.618 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 75 Resp: 59587

Ion Ratio Lower Upper

75 100

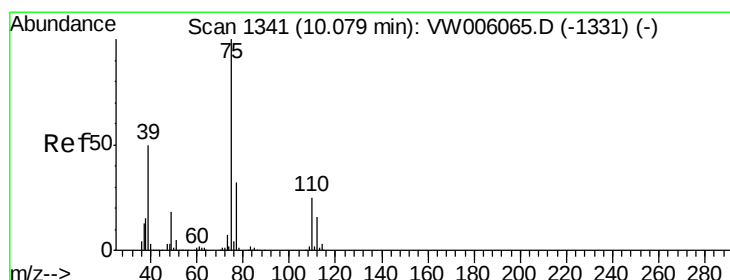
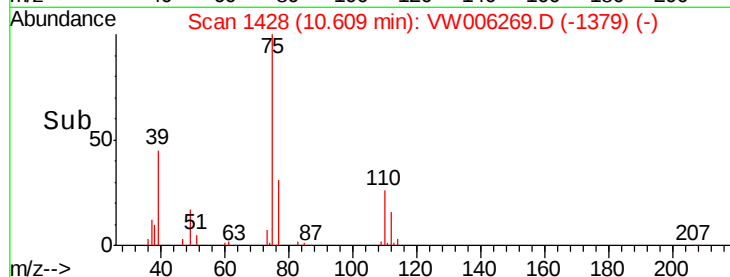
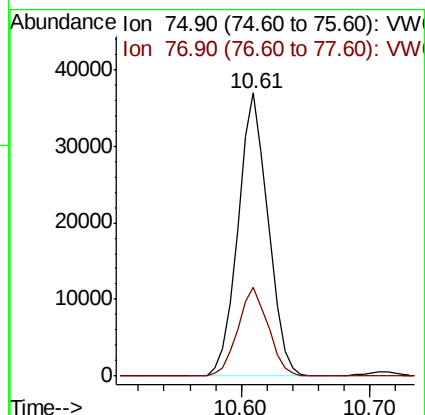
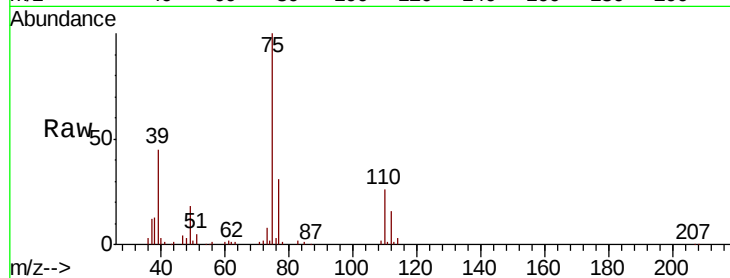
77 31.2 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.160 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

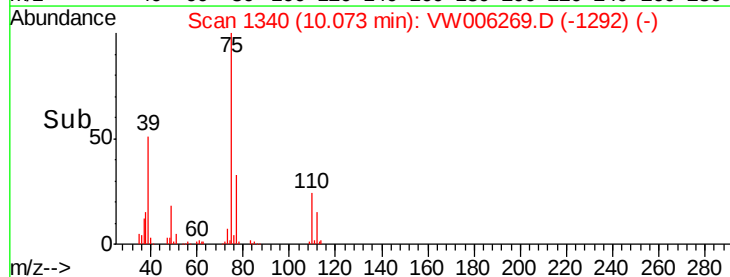
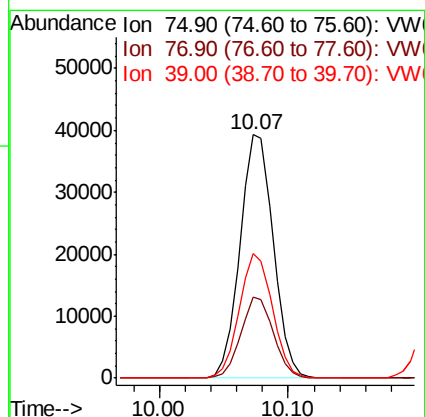
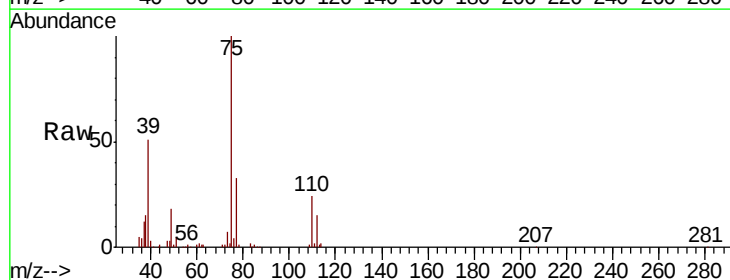
Tgt Ion: 75 Resp: 70185

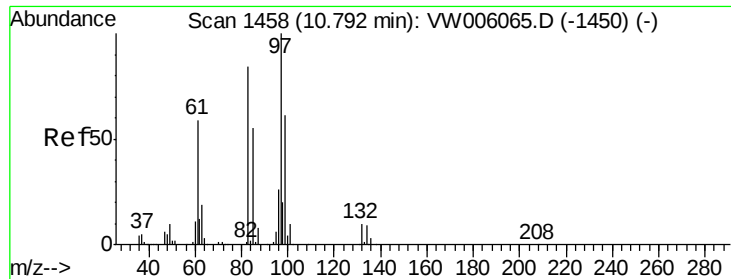
Ion Ratio Lower Upper

75 100

77 33.1 25.2 37.8

39 51.0 39.9 59.9





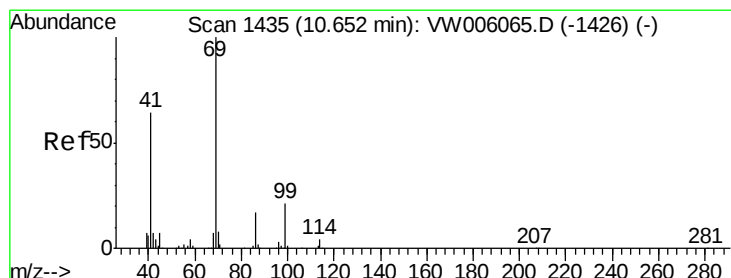
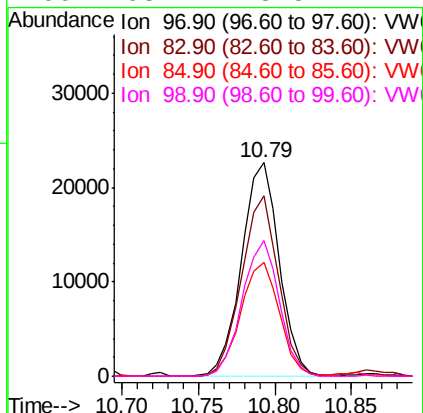
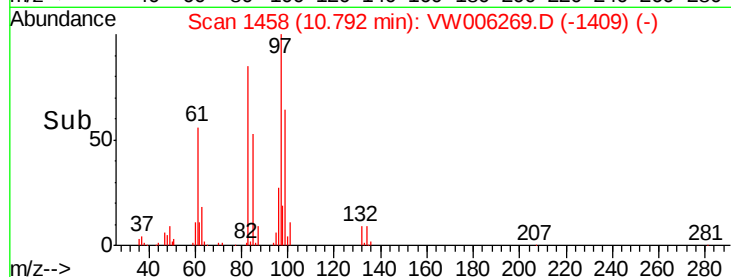
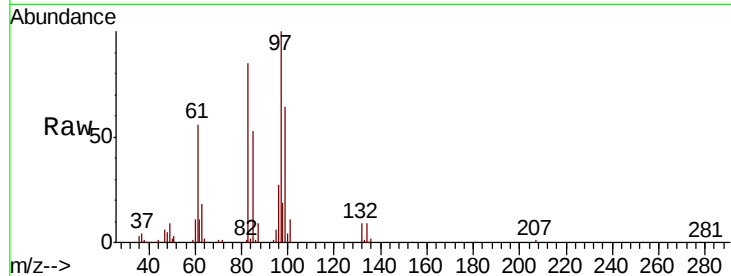
#55
 1,1,2-Trichloroethane
 Concen: 23.204 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion:	97	Resp:	38849
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	53.1	43.7	65.5
99	63.7	48.5	72.7

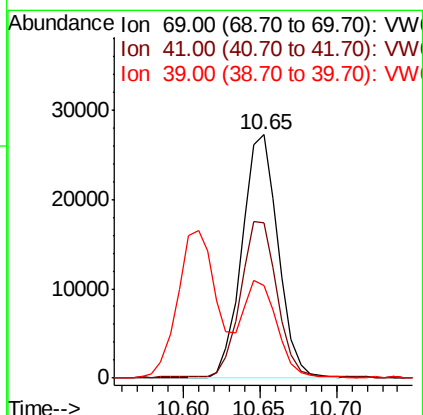
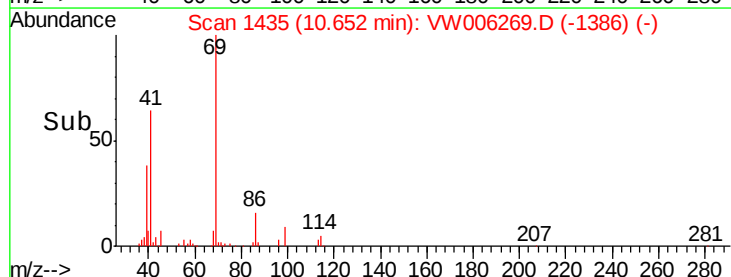
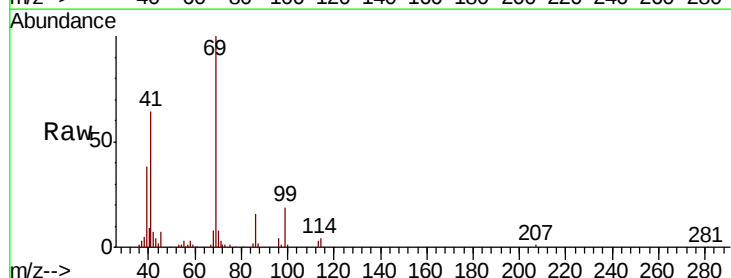
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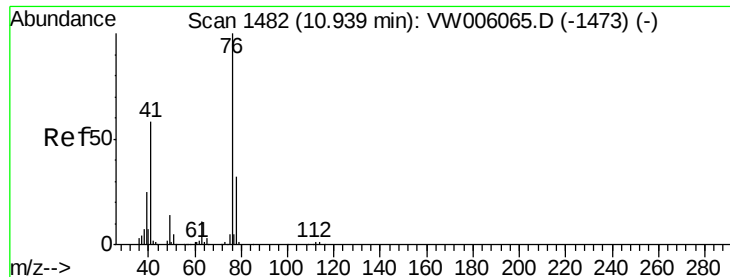
sam
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#56
 Ethyl methacrylate
 Concen: 21.726 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion:	69	Resp:	44594
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.8	79.2
39	36.8	30.6	45.8





#57

1,3-Dichloropropane

Concen: 23.355 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 76 Resp: 64730

Ion Ratio Lower Upper

76 100

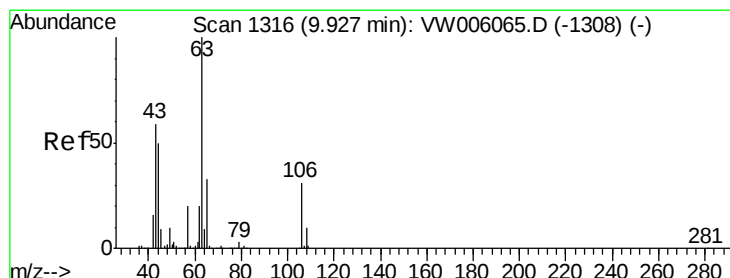
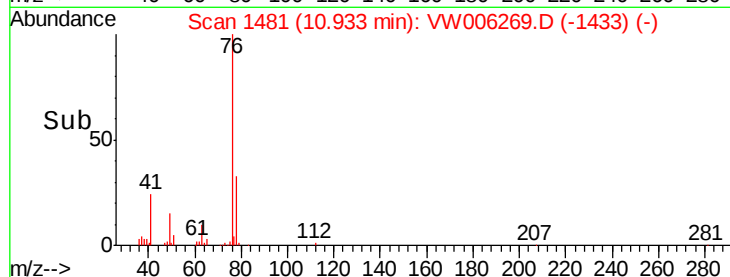
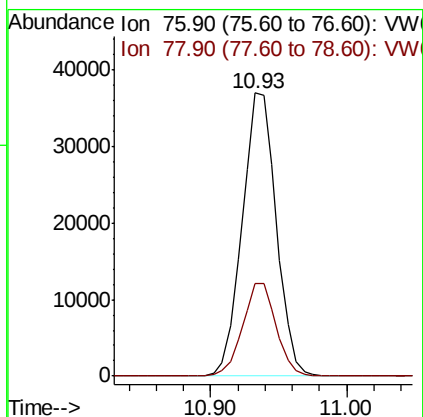
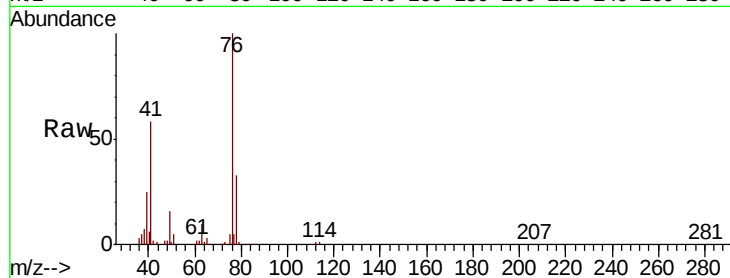
78 32.3 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 107.367 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006269.D

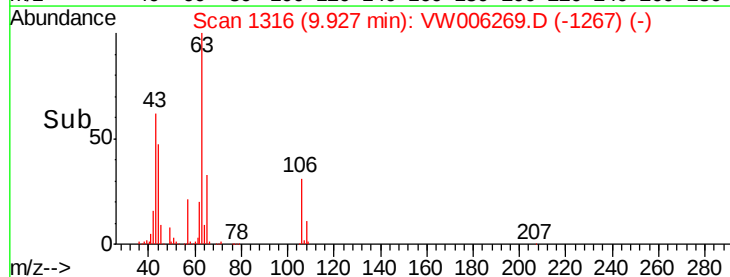
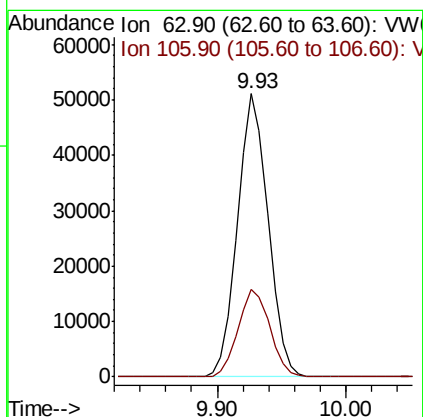
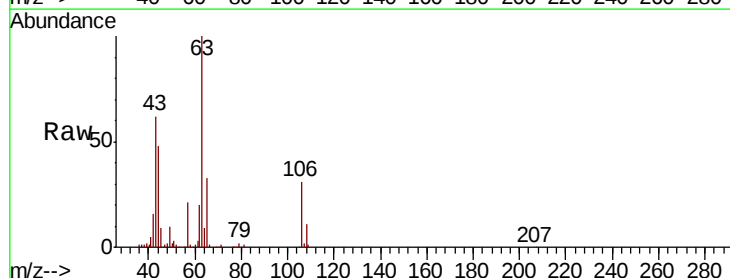
Acq: 23 Oct 2018 01:03

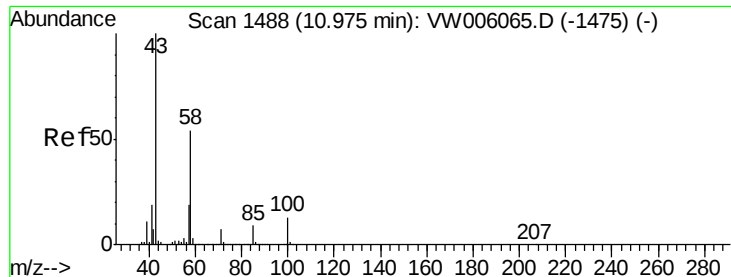
Tgt Ion: 63 Resp: 84207

Ion Ratio Lower Upper

63 100

106 32.1 24.5 36.7





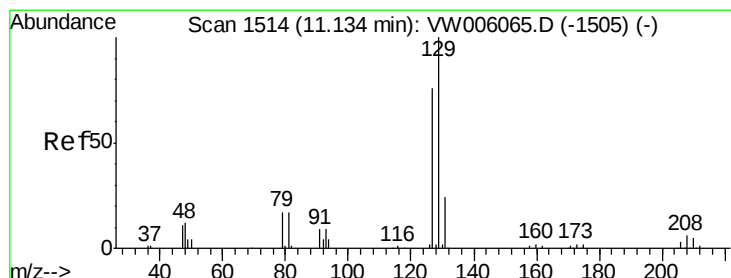
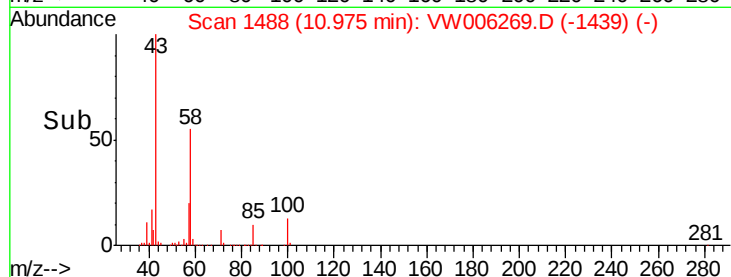
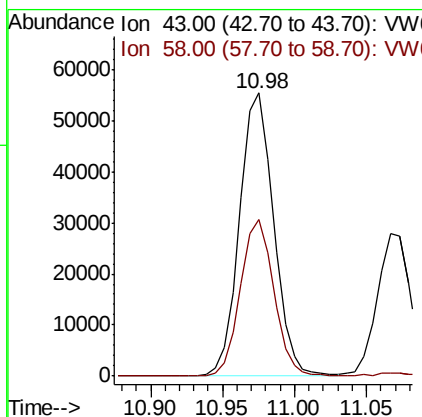
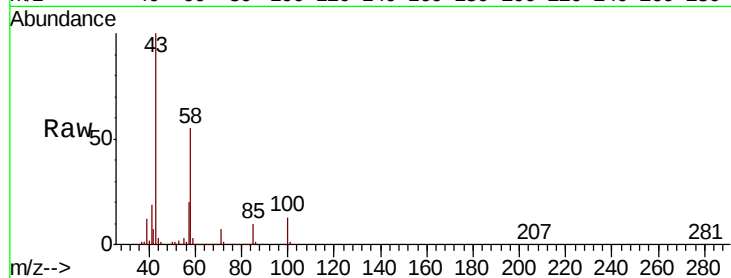
#59
2-Hexanone
Concen: 105.296 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion: 43 Resp: 91492
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.6

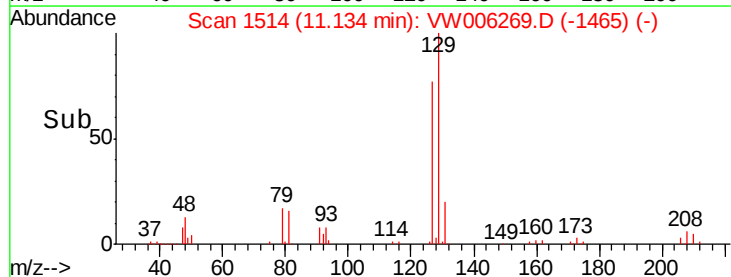
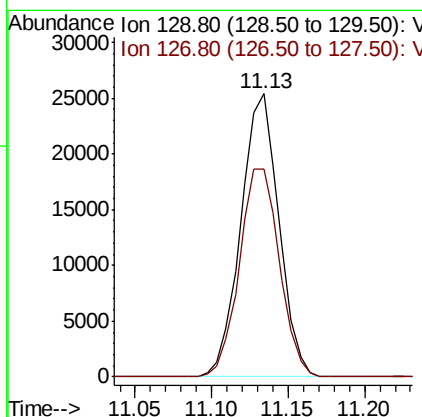
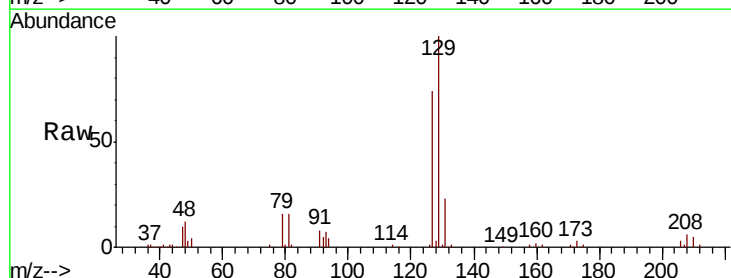
Manual Integrations
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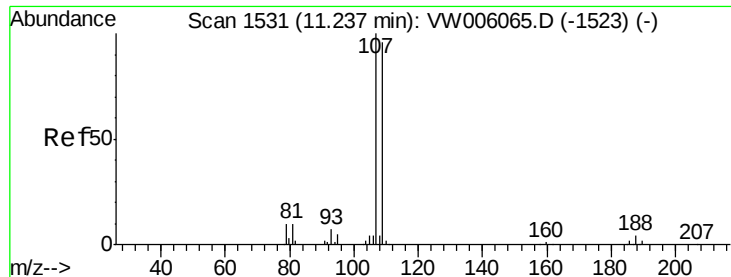
sam
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#60
Dibromochloromethane
Concen: 21.013 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 129 Resp: 43822
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





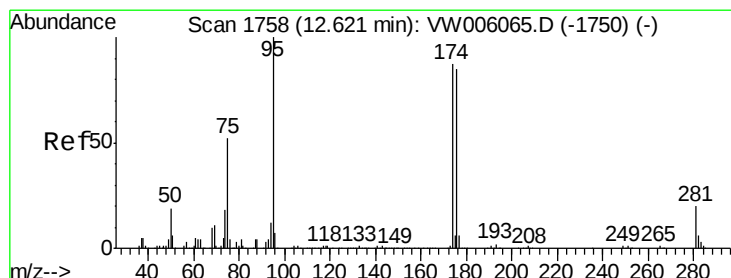
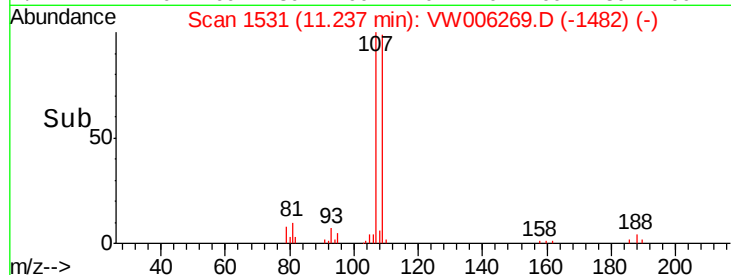
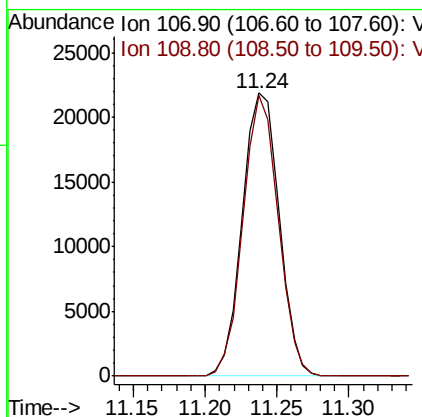
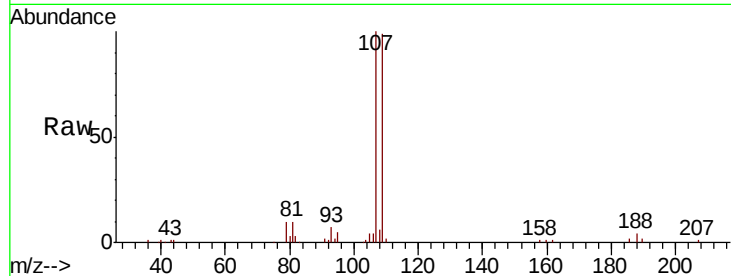
#61
 1,2-Dibromoethane
 Concen: 23.183 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.3	114.5

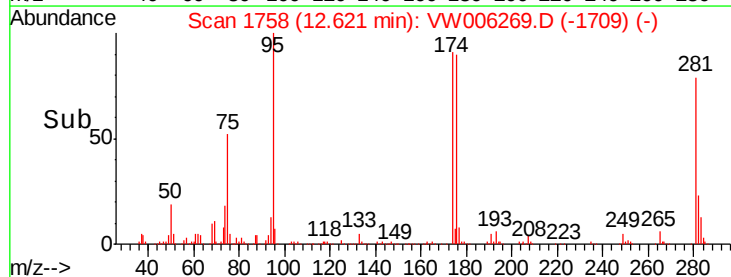
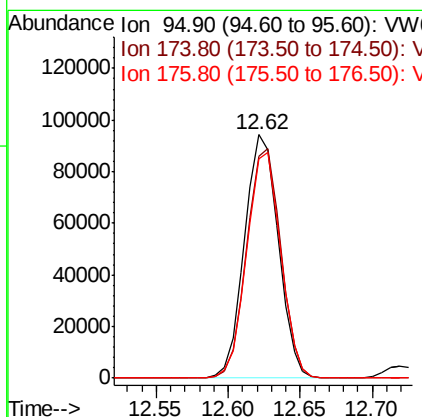
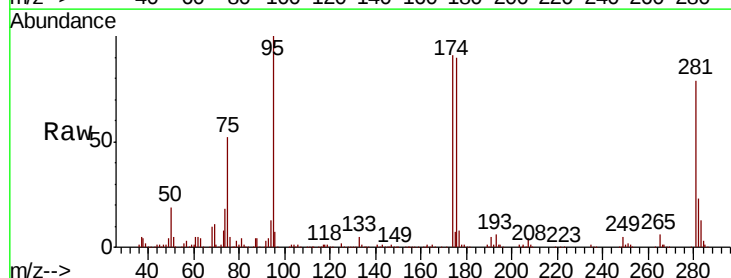
Manual Integrations
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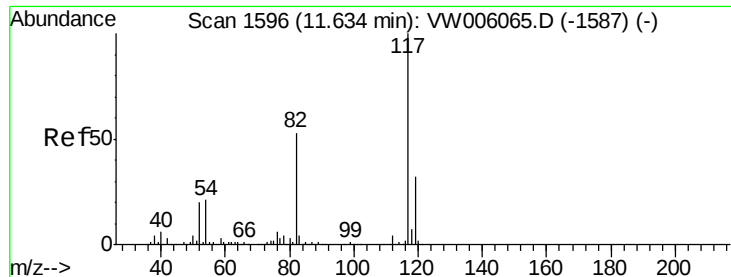
sam
 10/24/2018 5:33:25 PM



#62
 4-Bromofluorobenzene
 Concen: 52.432 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	186.0
176	92.7	0.0	181.6





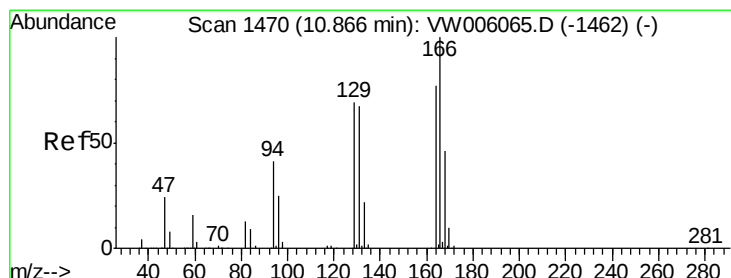
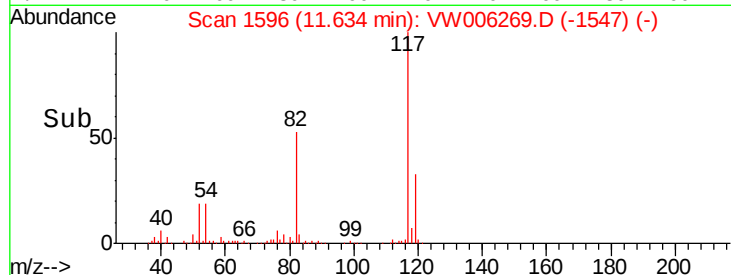
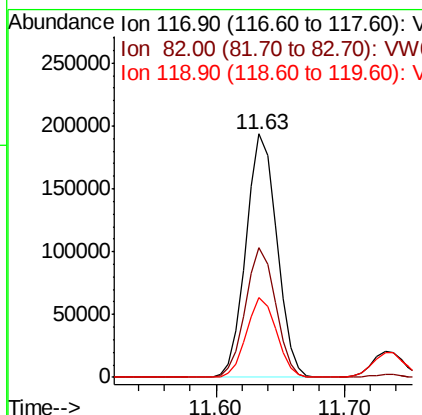
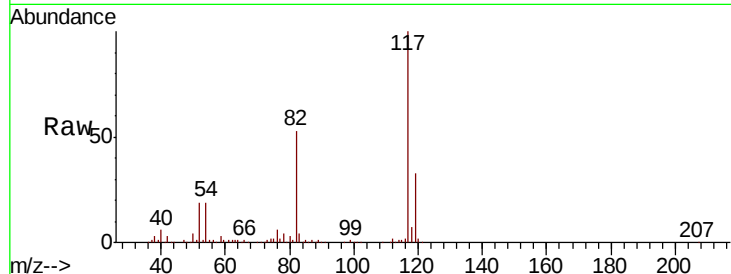
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	33.0	25.8	38.6

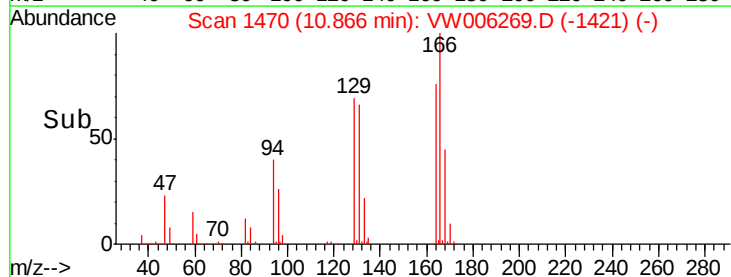
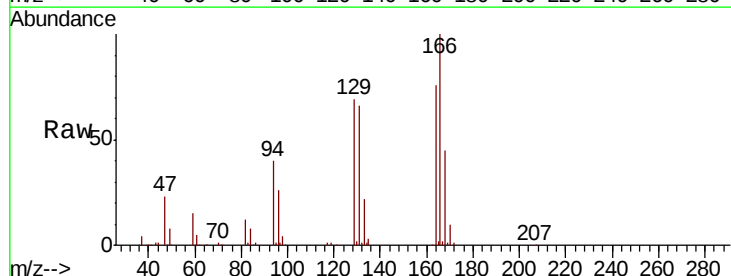
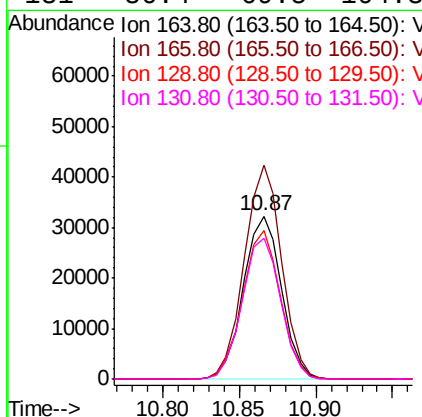
Manual Integrations
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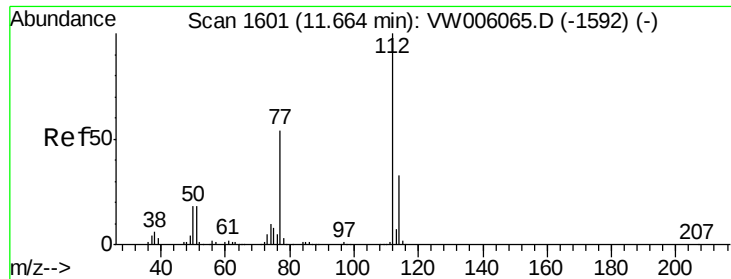
sam
10/24/2018 5:33:25 PM



#64
Tetrachloroethene
Concen: 22.512 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	103.4	155.0
129	90.9	71.8	107.8
131	86.4	69.5	104.3





#65

Chlorobenzene

Concen: 22.629 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion:112 Resp: 154862

Ion Ratio Lower Upper

112 100

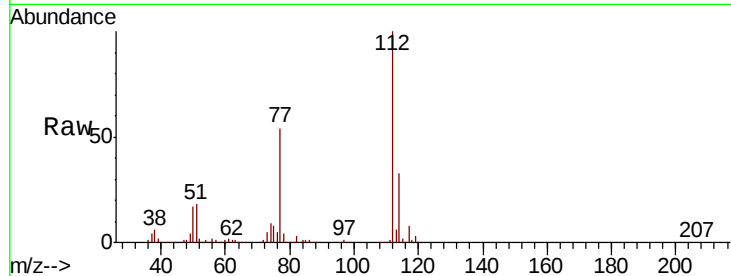
114 33.3 26.2 39.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

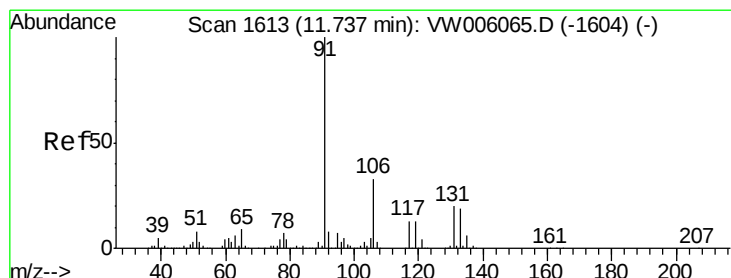
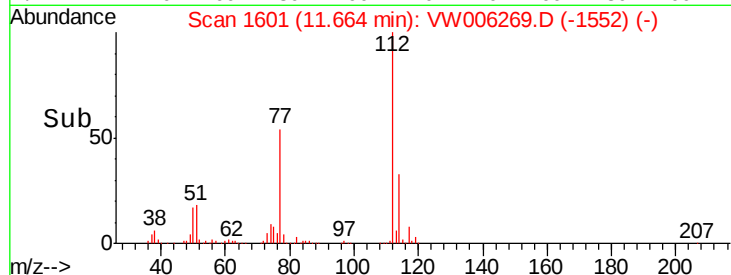
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.966 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

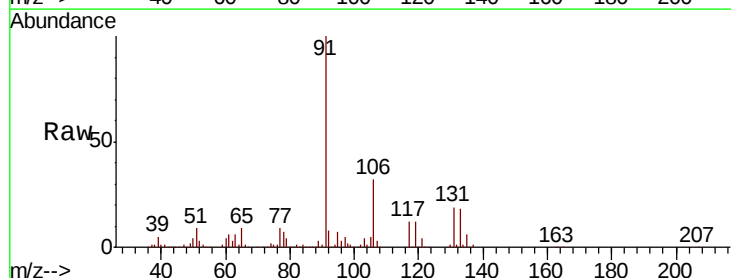
Tgt Ion:131 Resp: 53422

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.3

119 63.6 31.6 94.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

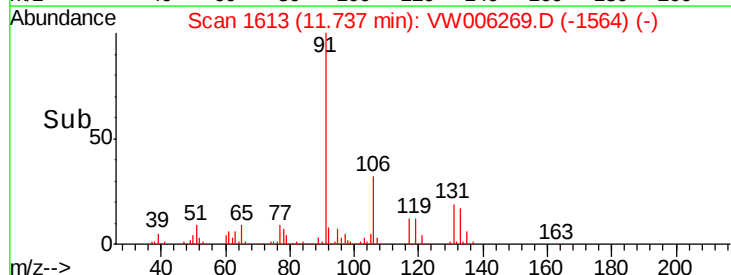
60000

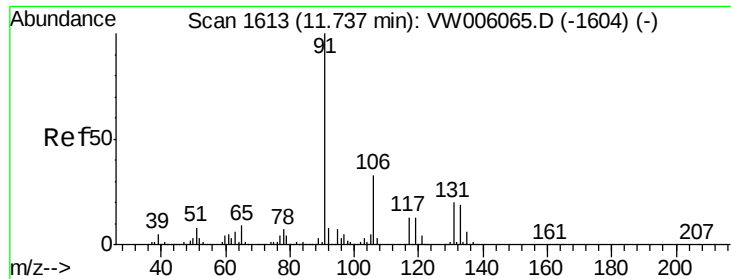
40000

20000

0

Time-->





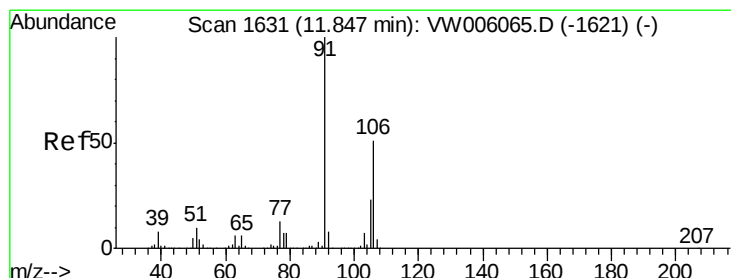
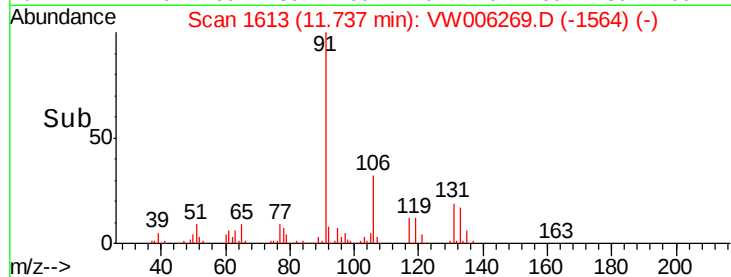
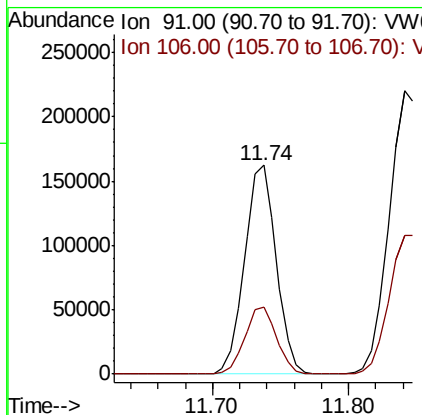
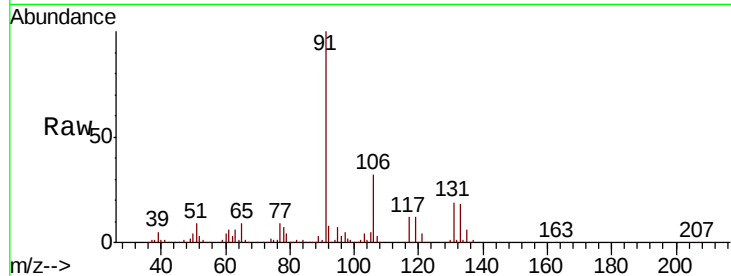
#67
Ethyl Benzene
Concen: 22.302 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion: 91 Resp: 264505
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

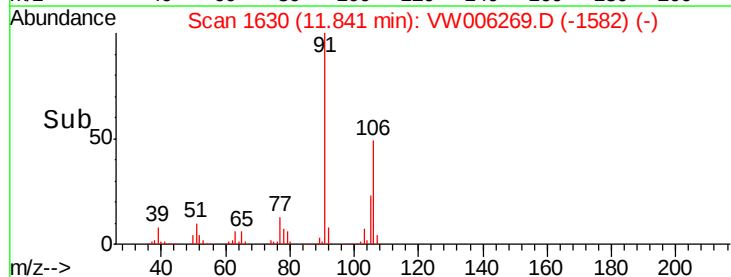
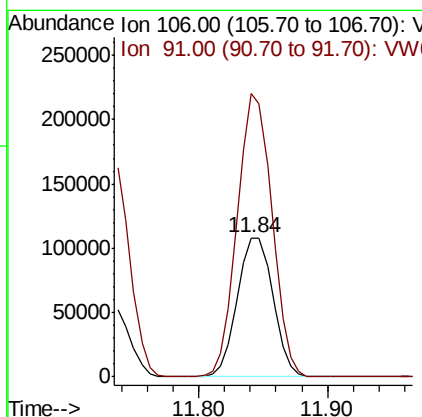
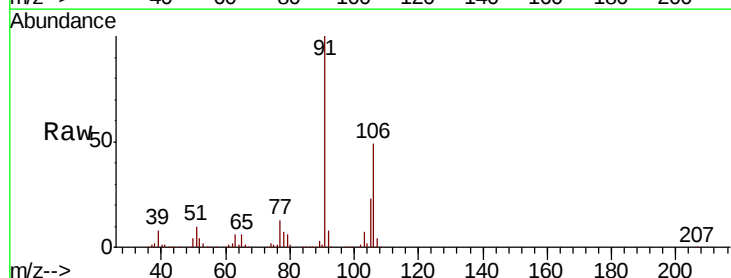
Manual Integrations
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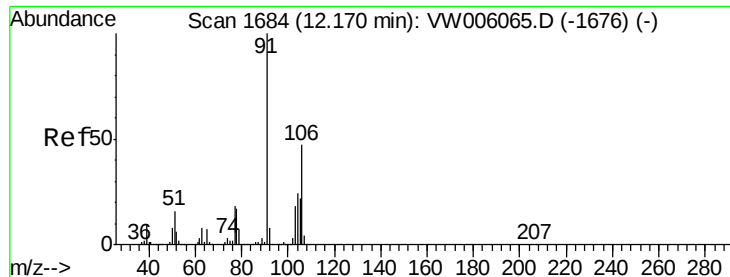
sam
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#68
m/p-Xylenes
Concen: 44.388 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion: 106 Resp: 208082
Ion Ratio Lower Upper
106 100
91 198.4 159.1 238.7





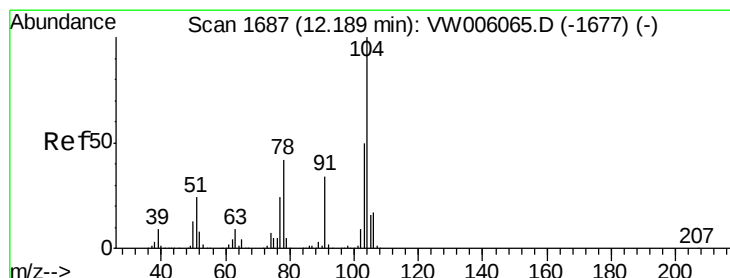
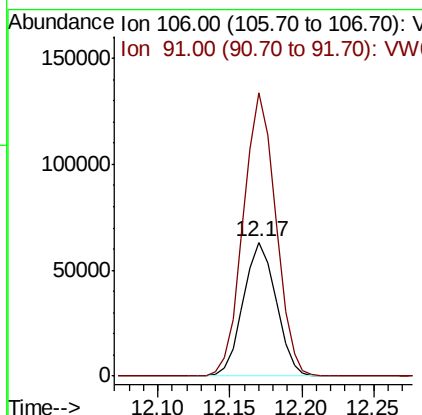
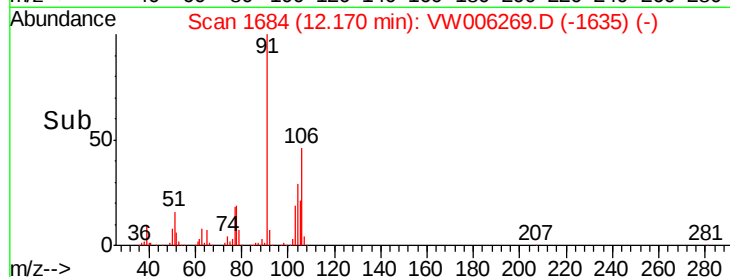
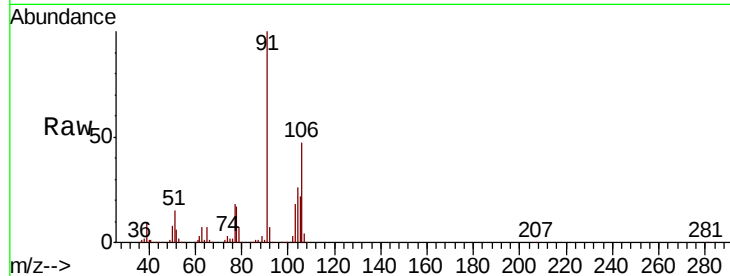
#69
o-Xylene
Concen: 22.399 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.1	105.4	316.1		

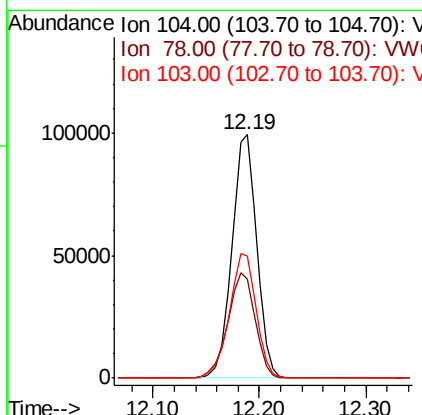
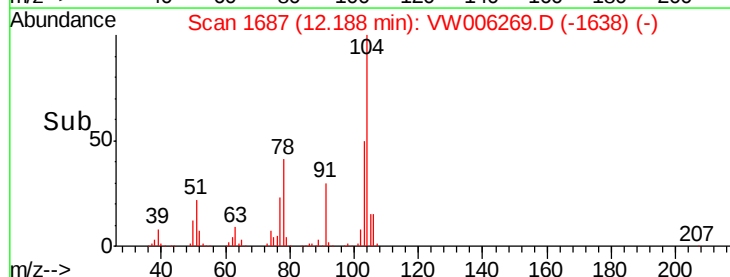
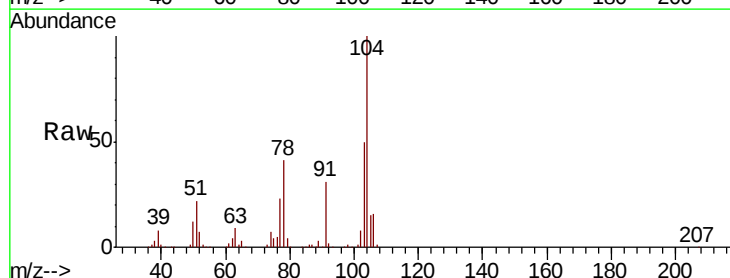
Manual Integrations
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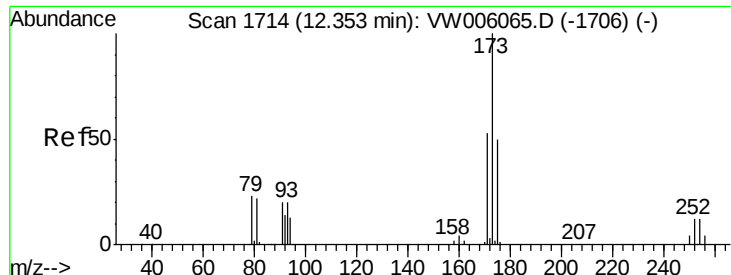
sam
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#70
Styrene
Concen: 22.376 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.7	39.1	58.7		
103	55.1	44.3	66.5		





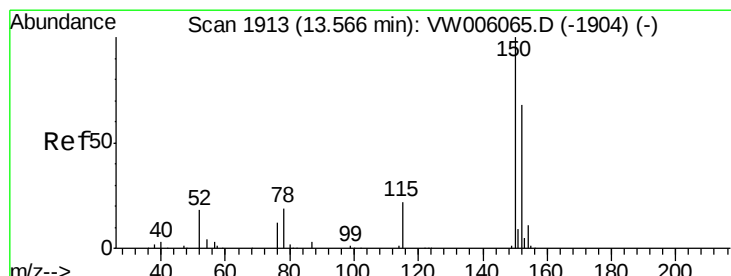
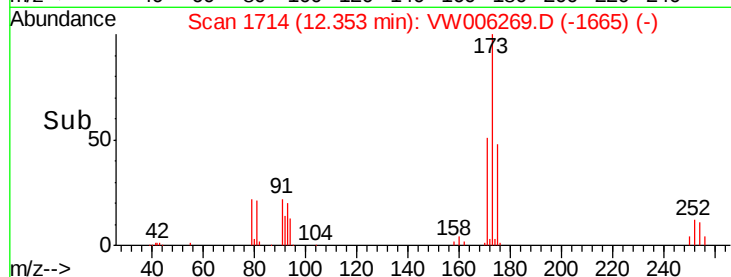
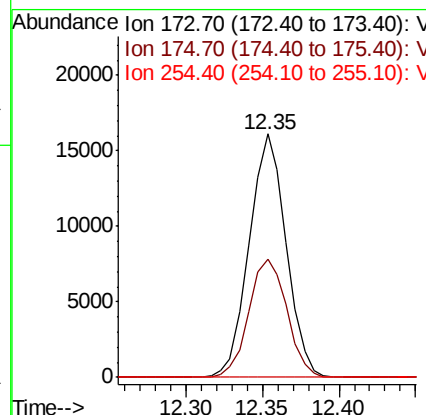
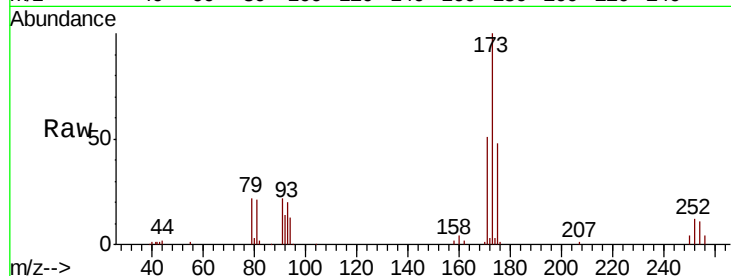
#71
Bromoform
Concen: 19.915 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.2	72.6
254	0.0	0.1	0.1#

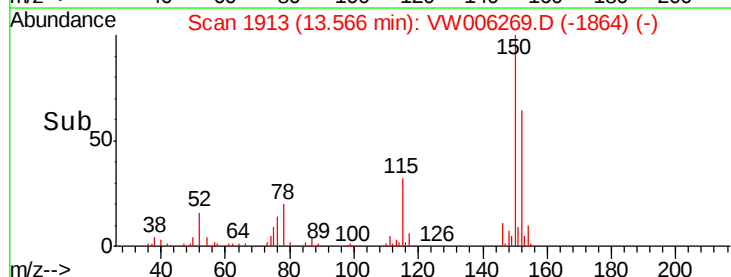
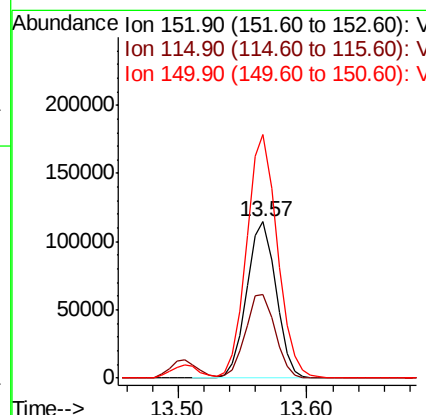
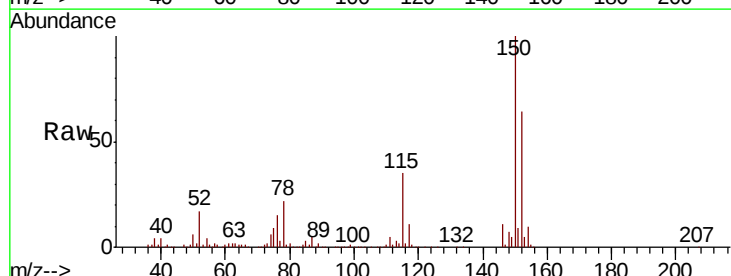
Manual Integrations
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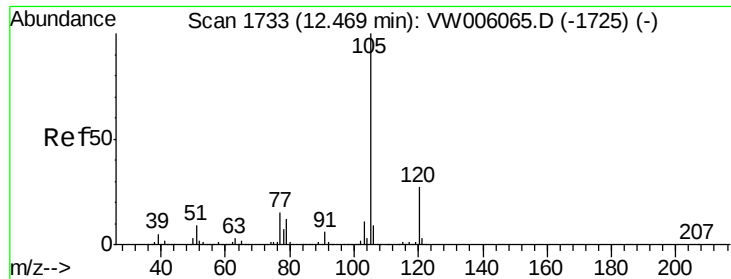
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.8	83.3
150	162.6	0.0	349.2





#73

Isopropylbenzene

Concen: 21.660 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 105 Resp: 275654

Ion Ratio Lower Upper

105 100

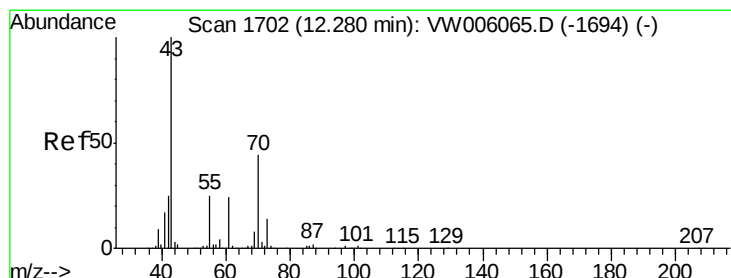
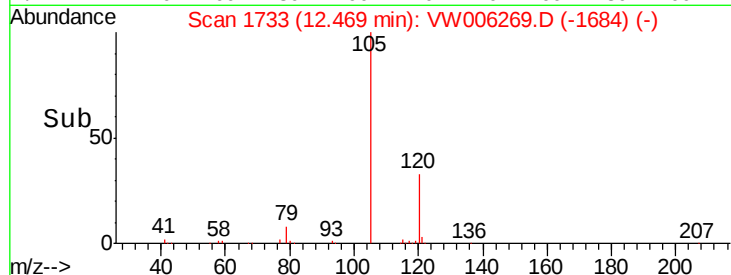
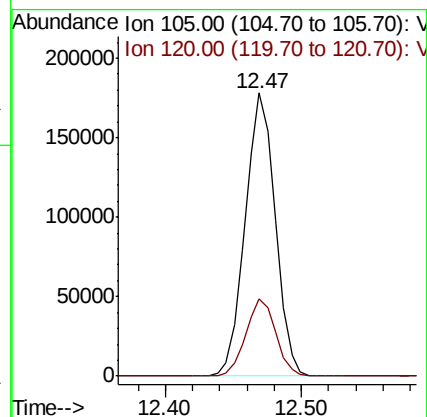
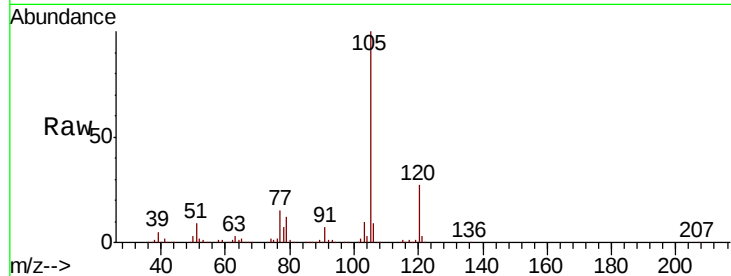
120 27.2 13.6 40.7

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 20.241 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion: 43 Resp: 50034

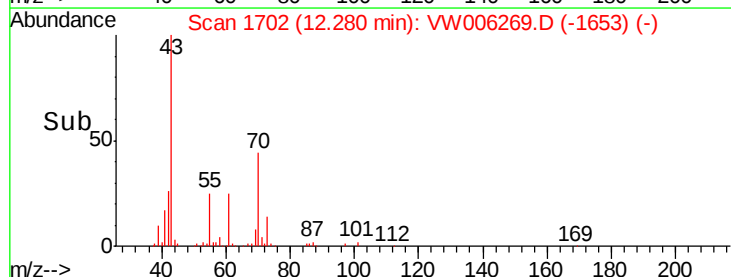
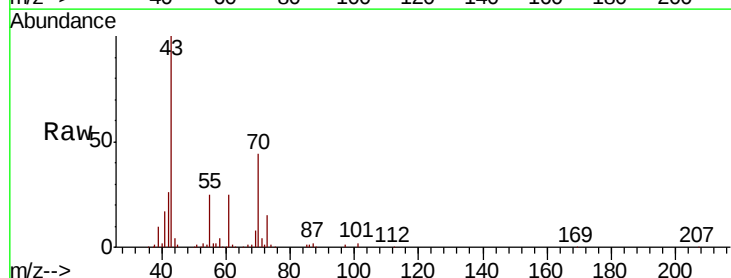
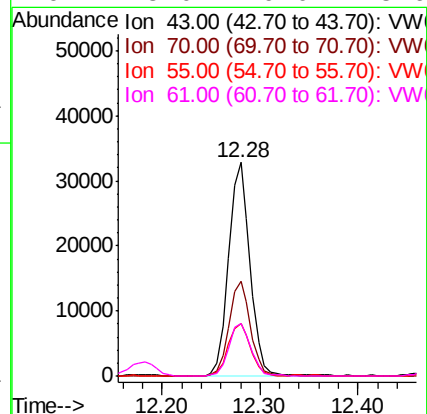
Ion Ratio Lower Upper

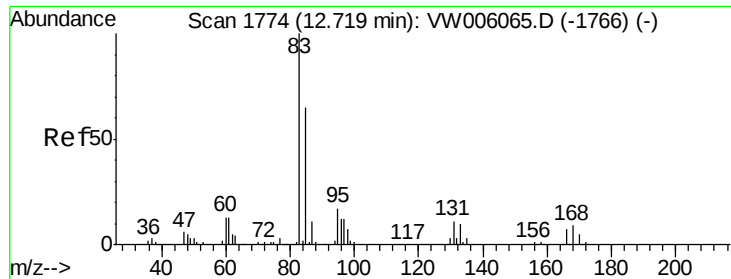
43 100

70 43.8 34.2 51.4

55 25.6 19.2 28.8

61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.085 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

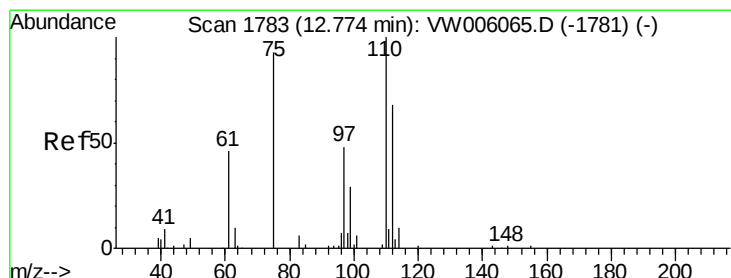
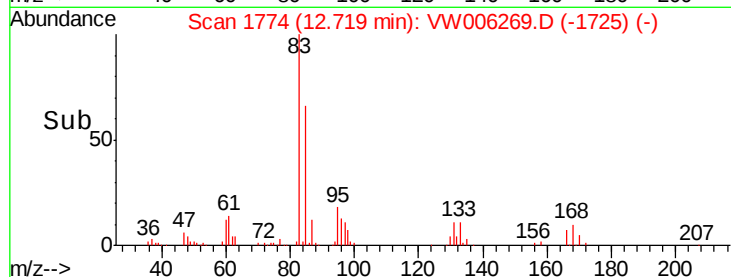
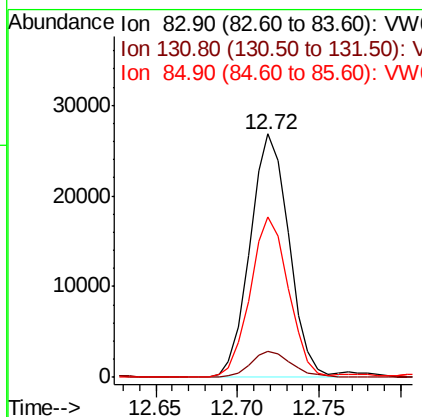
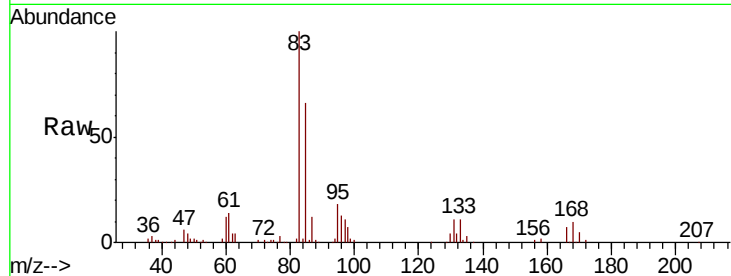
ClientSampleId :

VW1022SBS02

Tot Ion:	83	Resp:	44685
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	64.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.139 ug/l m

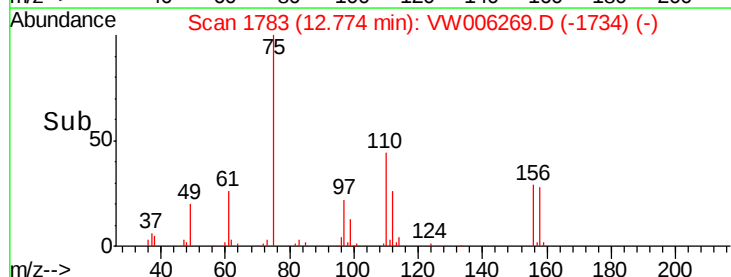
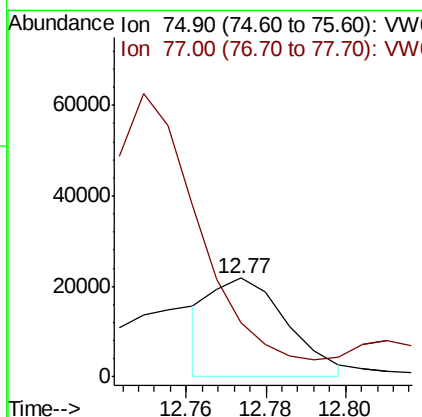
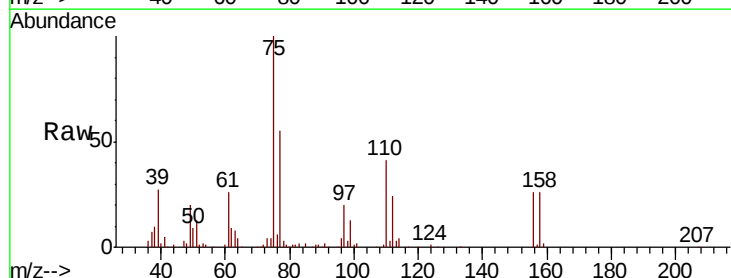
RT: 12.77 min Scan# 1783

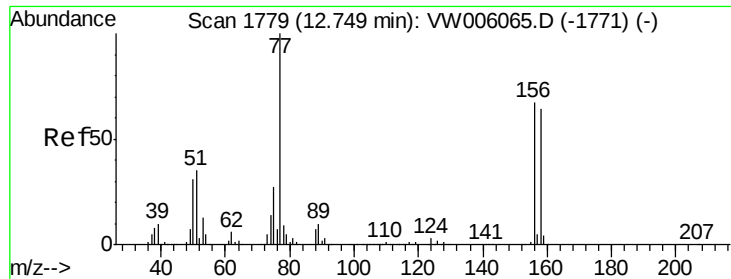
Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	75	Resp:	29086
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.471 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

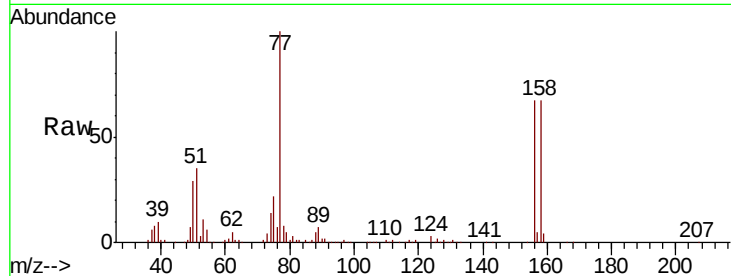
ClientSampleId :

VW1022SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	157.0	79.1	237.4	
158	98.1	48.5	145.6	

Manual Integrations
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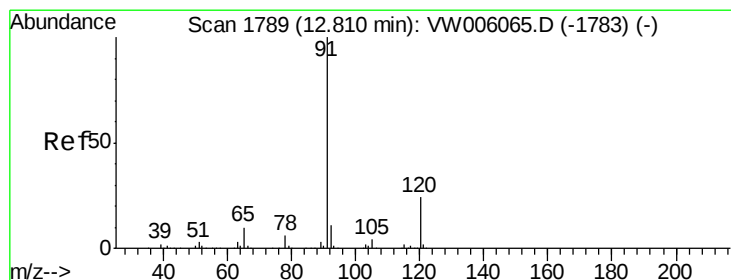
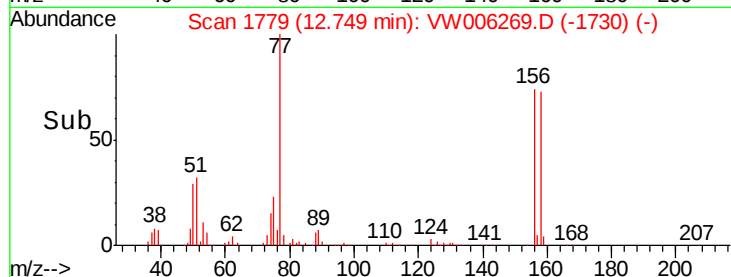
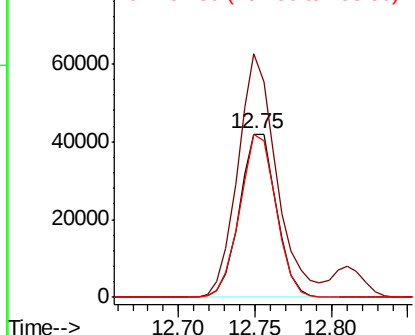


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.775 ug/l

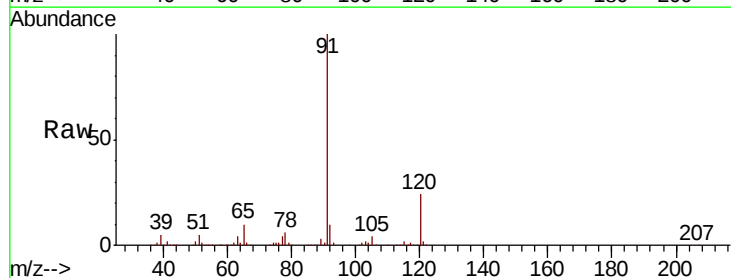
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

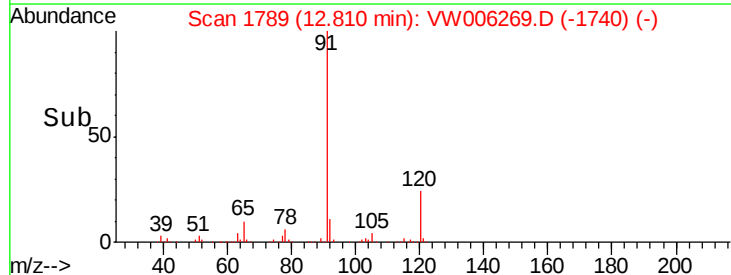
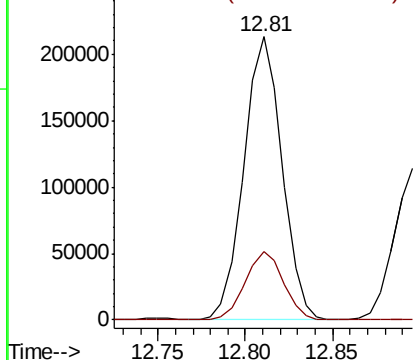
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.3	12.2	36.6	

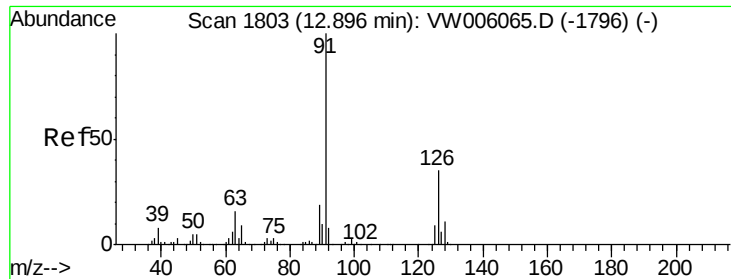


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.261 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion: 91 Resp: 185193

Ion Ratio Lower Upper

91 100

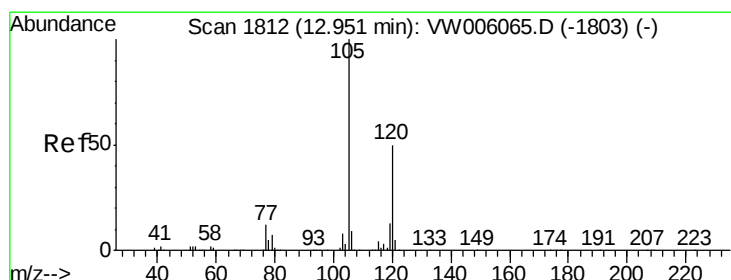
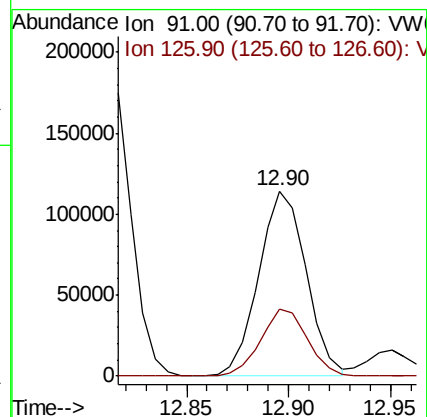
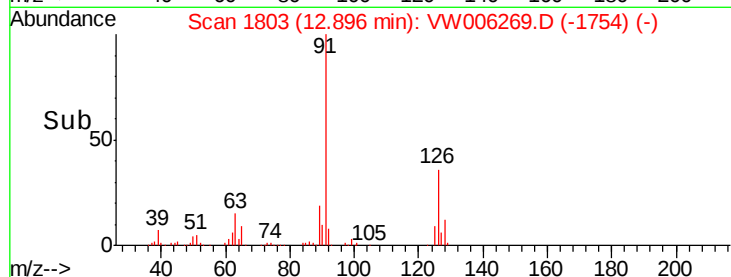
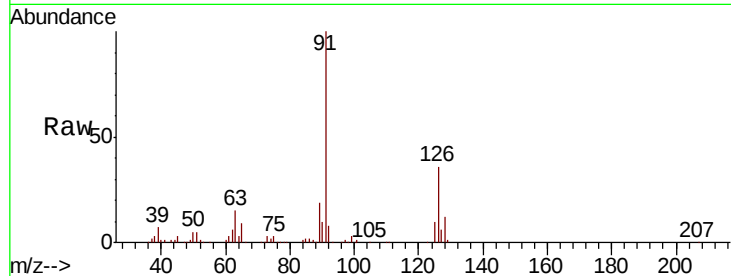
126 35.9 17.9 53.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.708 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006269.D

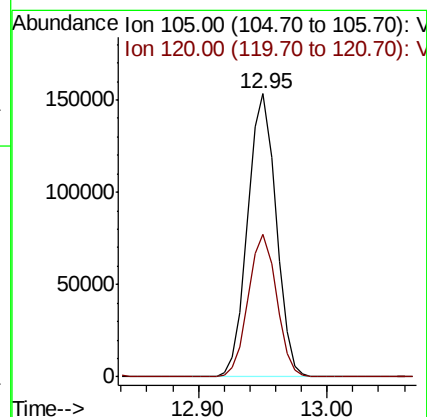
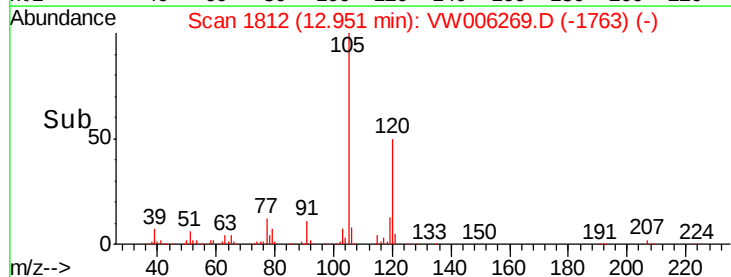
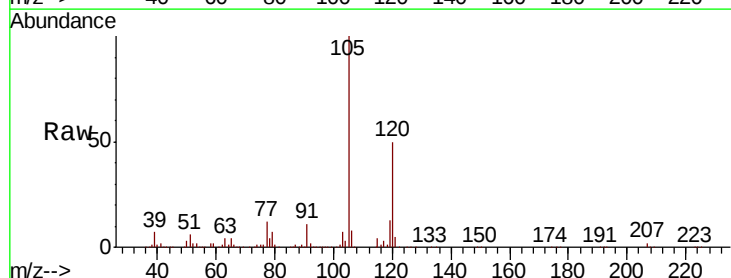
Acq: 23 Oct 2018 01:03

Tgt Ion:105 Resp: 232905

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.802 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

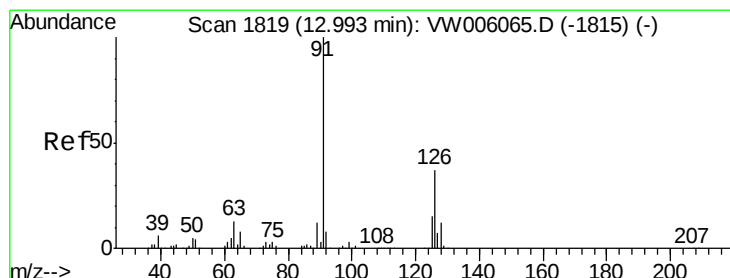
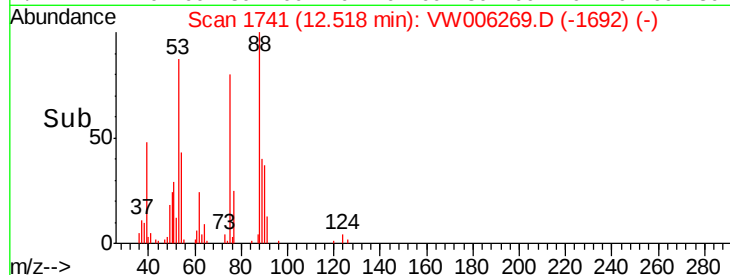
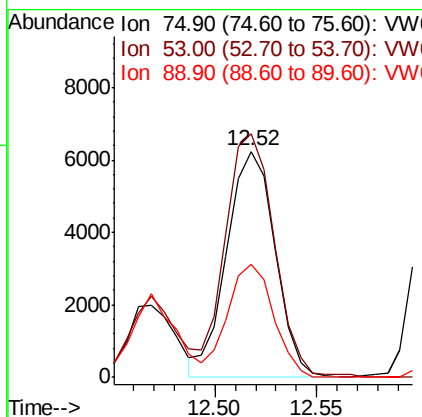
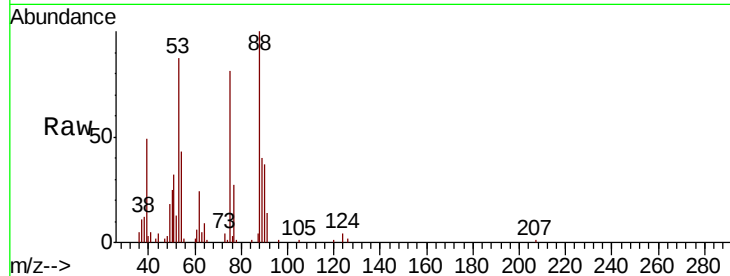
ClientSampleId :

VW1022SBS02

Tot Ion:	75	Resp:	10247
Ion Ratio	Lower	Upper	
75	100		
53	108.1	79.8	119.6
89	47.4	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.377 ug/l

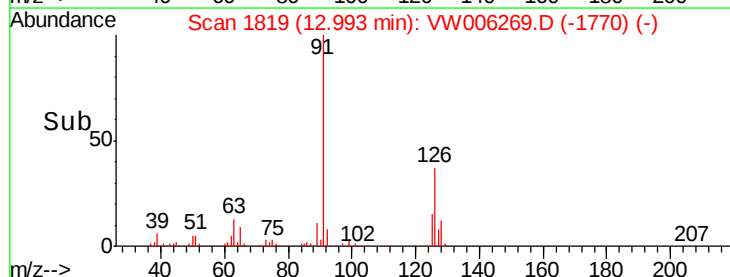
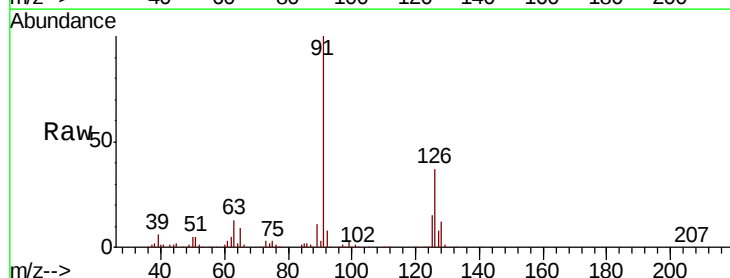
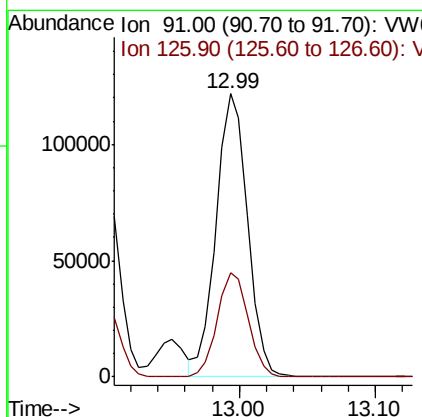
RT: 12.99 min Scan# 1819

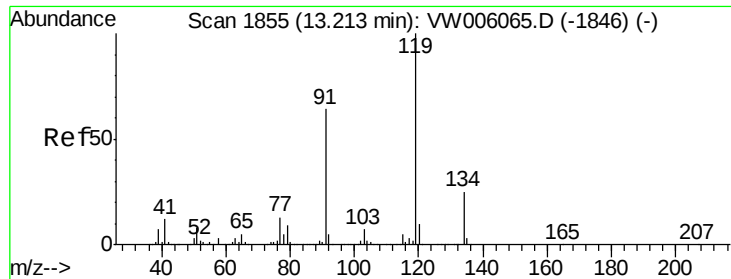
Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion:	91	Resp:	195004
Ion Ratio	Lower	Upper	
91	100		
126	36.5	18.1	54.3





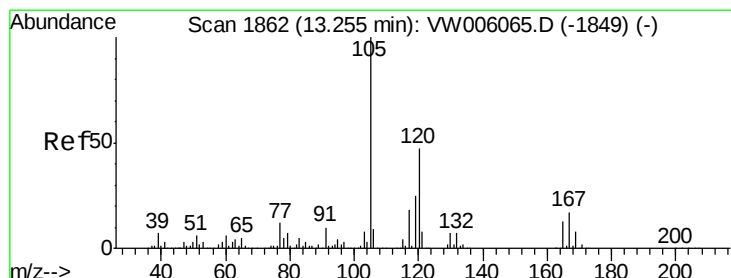
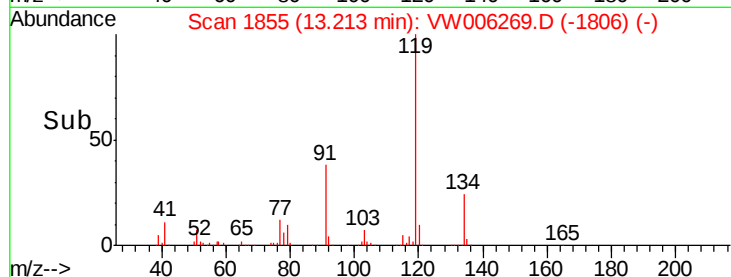
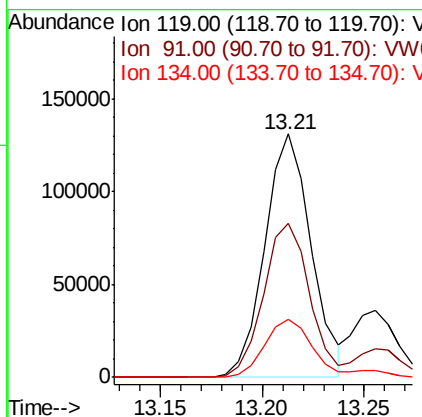
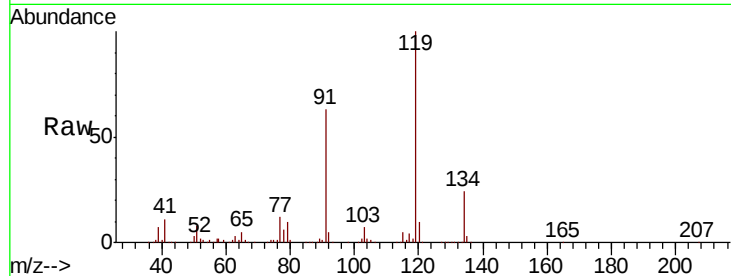
#83
tert-Butylbenzene
Concen: 21.637 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207697		
91	63.0		32.3	96.9
134	24.5		13.6	40.8

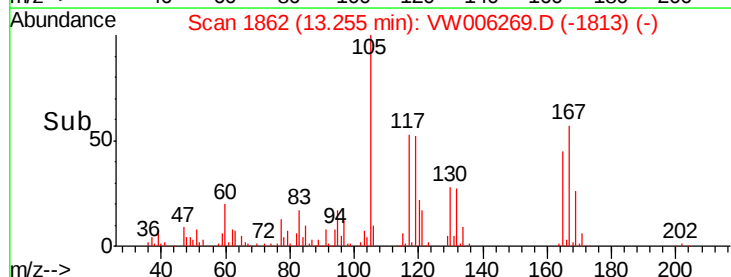
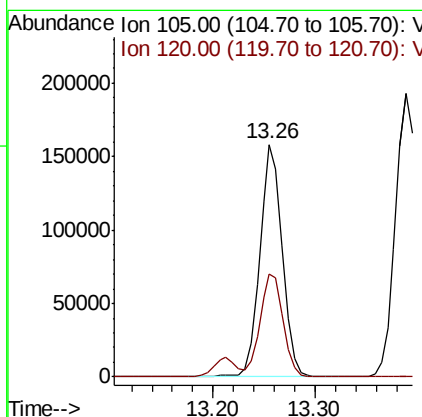
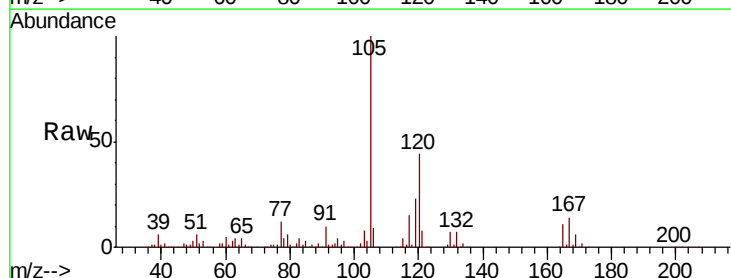
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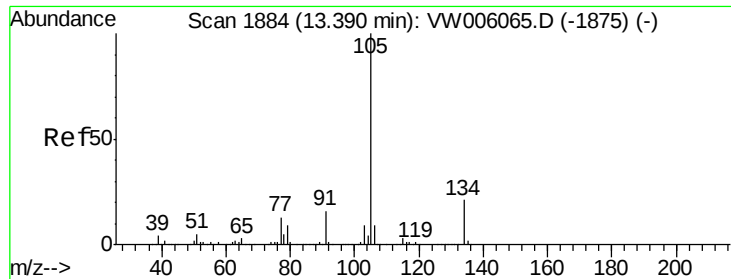
sam
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#84
1,2,4-Trimethylbenzene
Concen: 22.293 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242024		
120	45.3		23.1	69.3





#85

sec-Butylbenzene

Concen: 21.613 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS02

Tot Ion:105 Resp: 293090

Ion Ratio Lower Upper

105 100

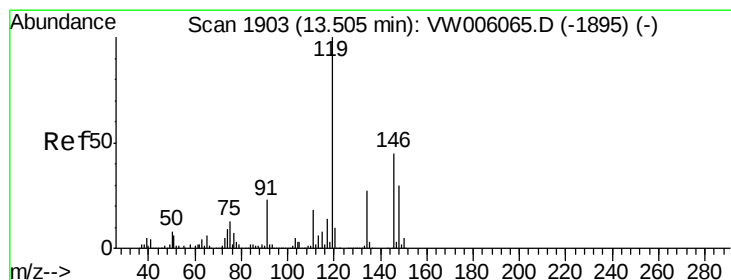
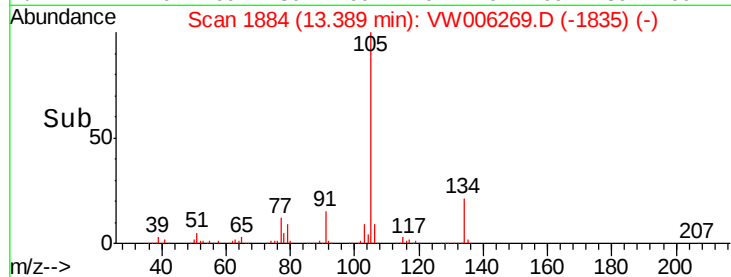
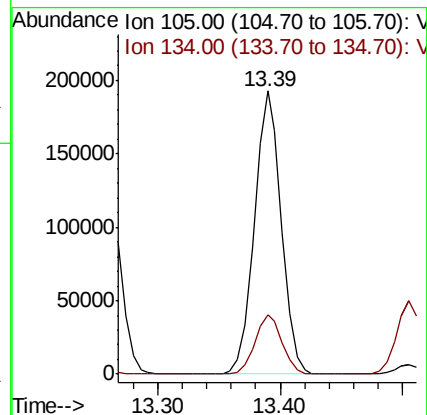
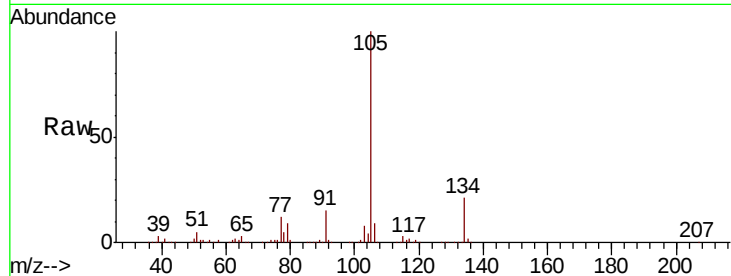
134 21.2 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 21.438 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

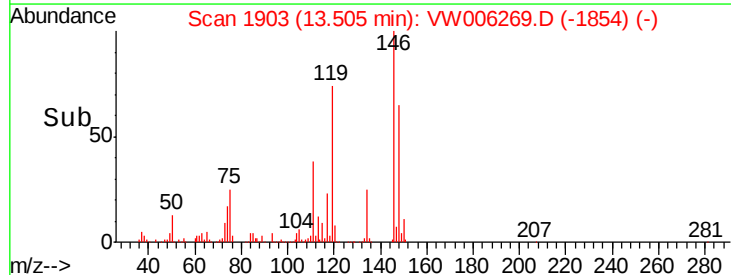
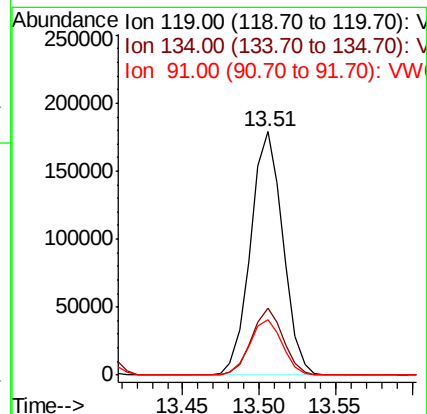
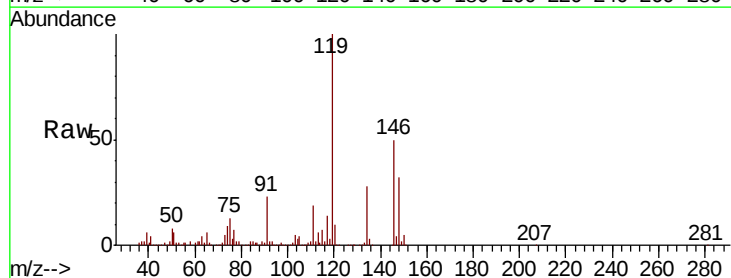
Tgt Ion:119 Resp: 262952

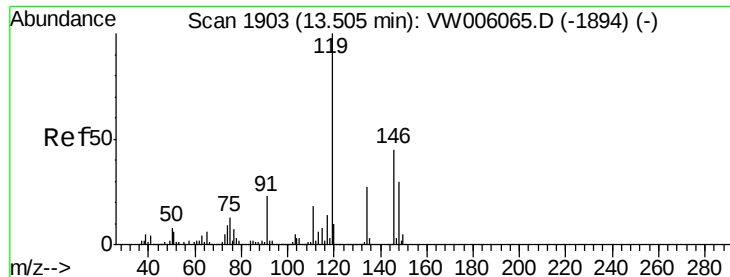
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 22.381 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

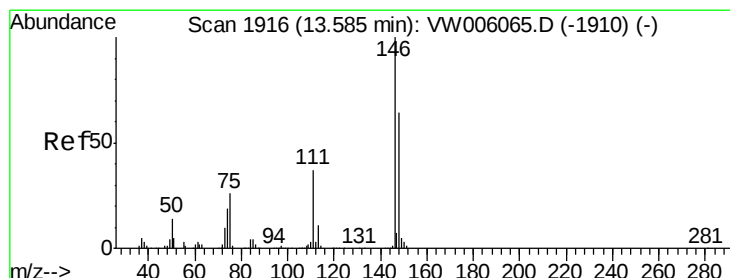
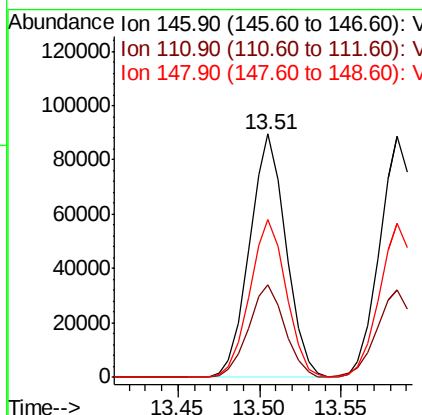
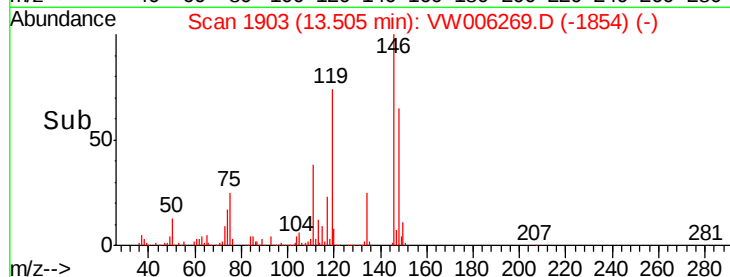
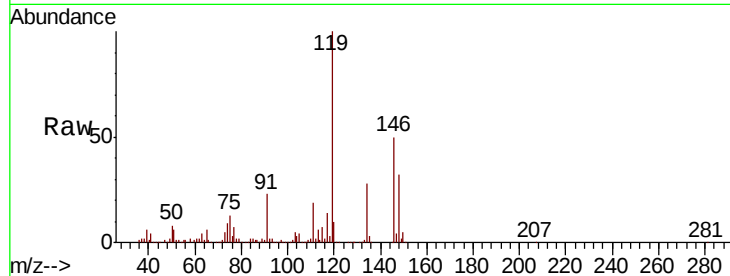
Instrument :
MSVOA_W

ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	65.0	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 22.413 ug/l

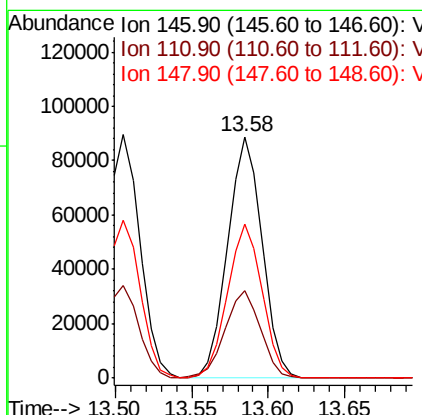
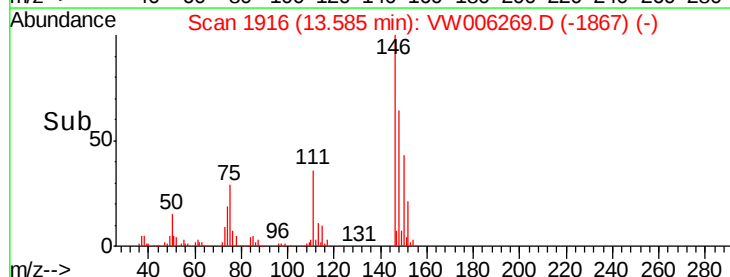
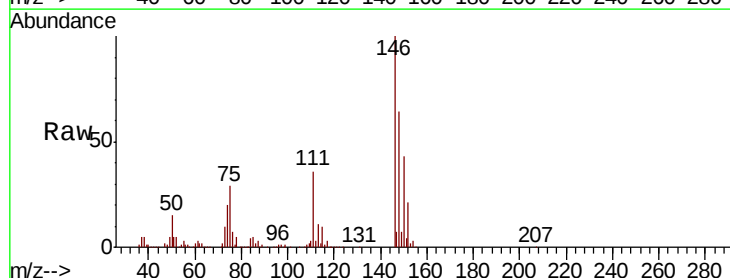
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006269.D

Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.1	32.1	96.5





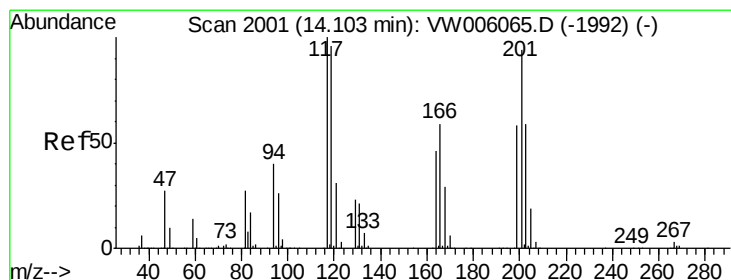
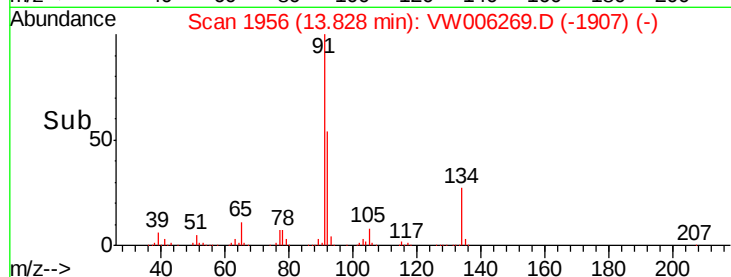
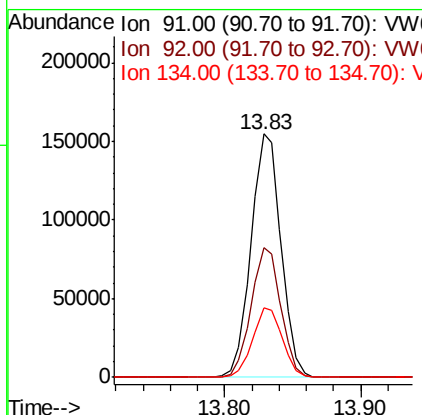
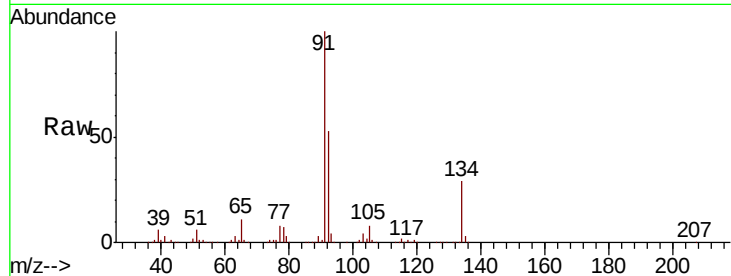
#89
n-Butylbenzene
Concen: 21.343 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.7	26.6	79.7	
134	28.2	14.0	41.9	

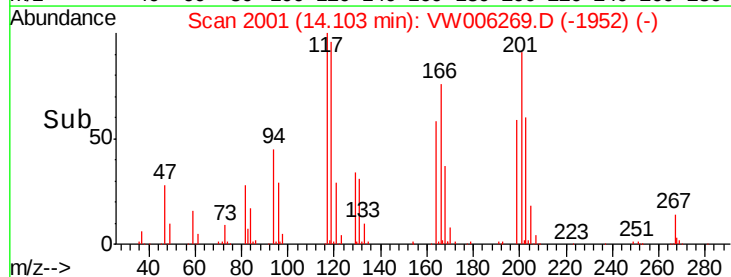
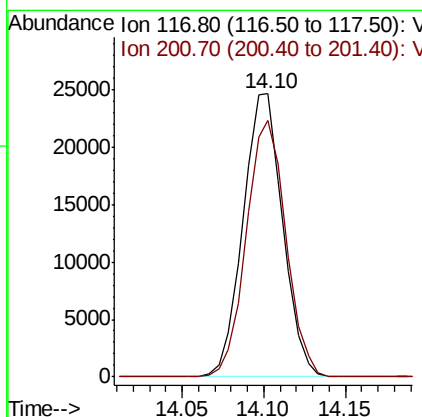
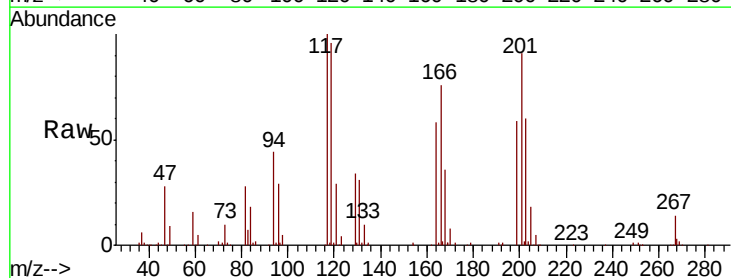
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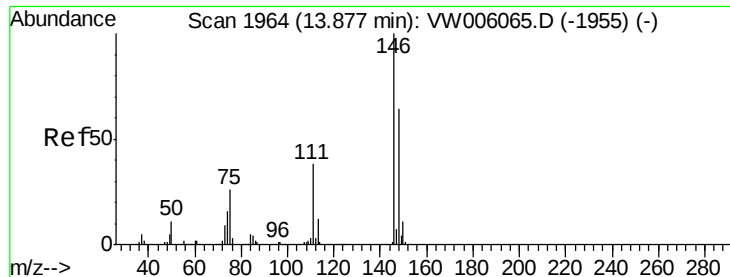
Sam
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#90
Hexachloroethane
Concen: 20.038 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.4	45.3	135.9	





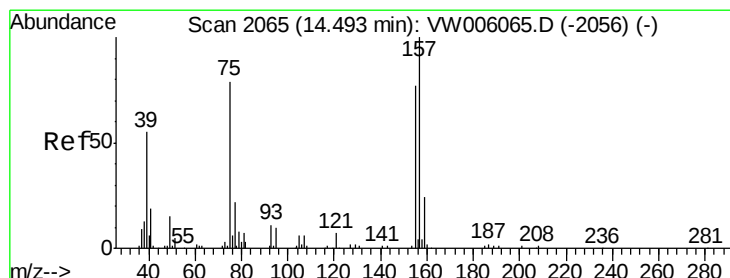
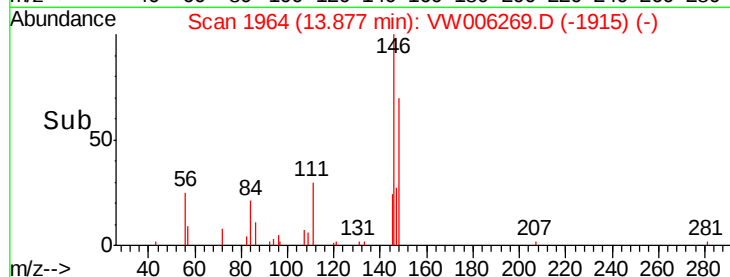
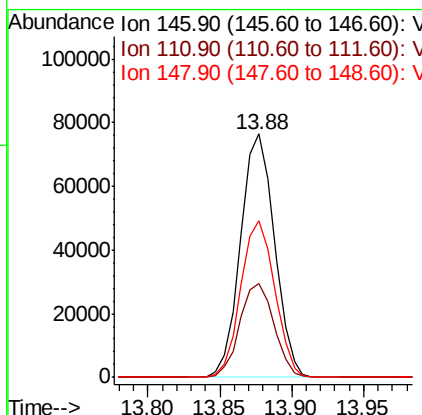
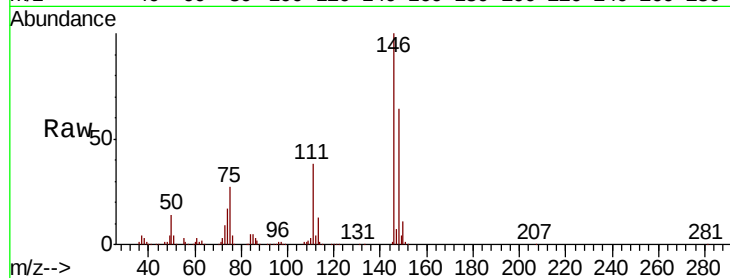
#91
 1,2-Dichlorobenzene
 Concen: 22.586 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.5	32.2	96.6

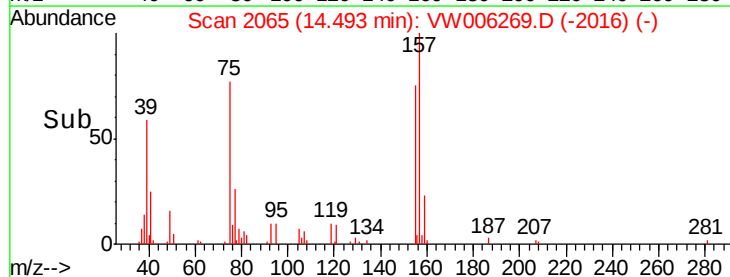
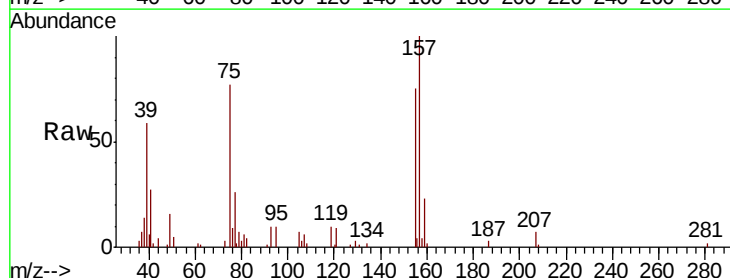
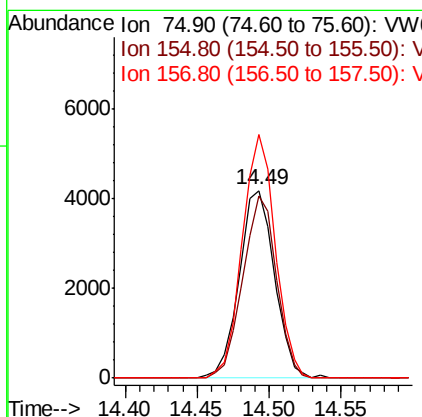
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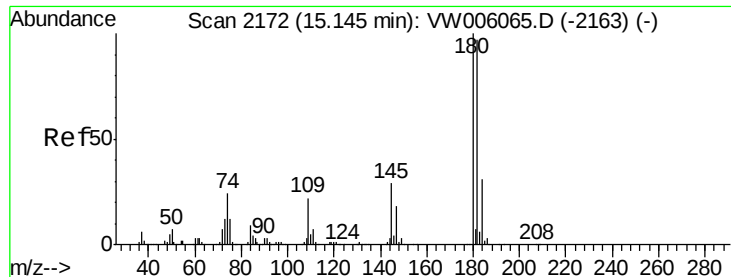
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.519 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.5	139.5
157	120.5	59.8	179.4





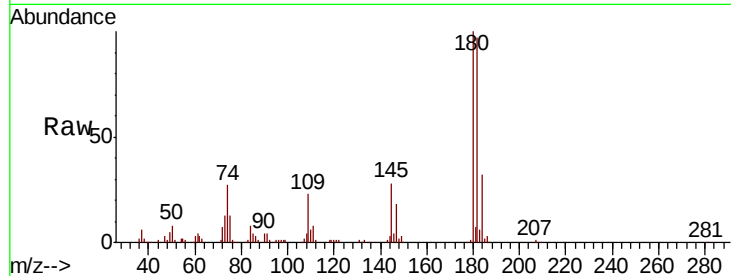
#93
 1,2,4-Trichlorobenzene
 Concen: 21.823 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS02

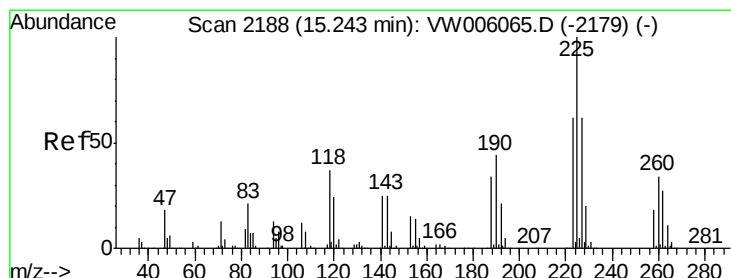
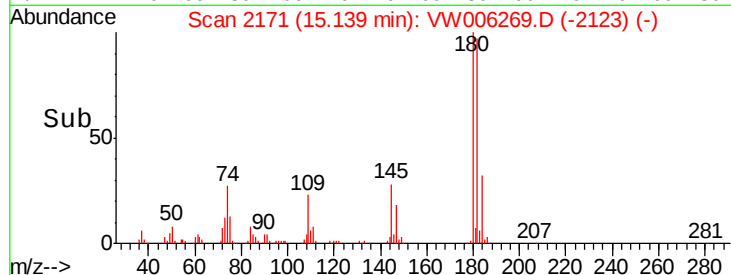
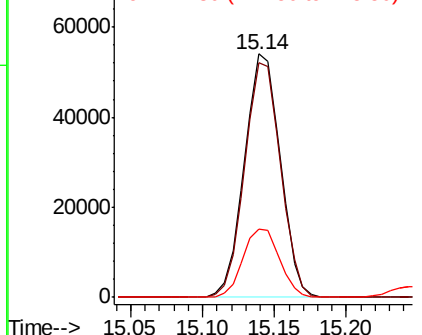
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	28.7	14.2	42.8

Manual Integrations
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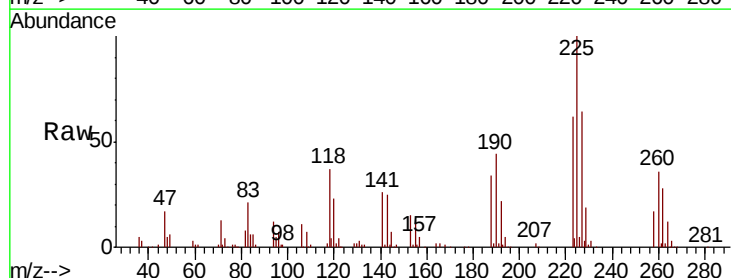


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

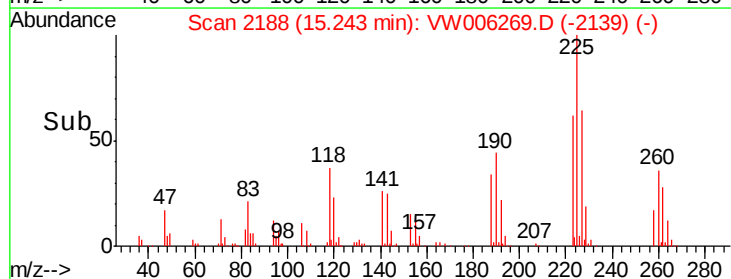
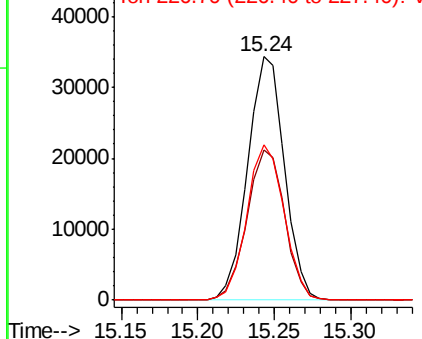


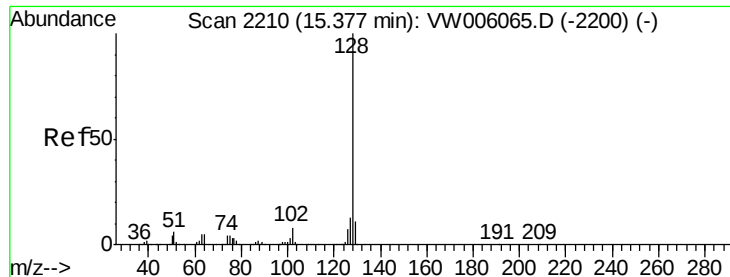
#94
 Hexachlorobutadiene
 Concen: 21.472 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006269.D
 Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.5
227	64.6	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





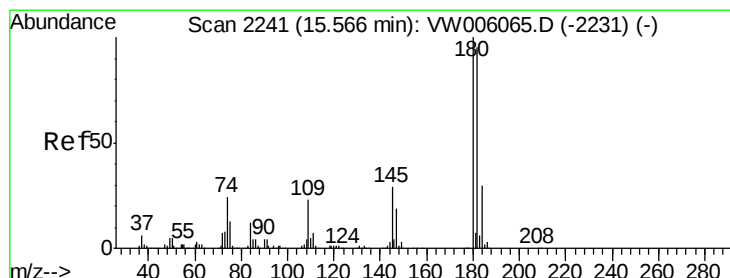
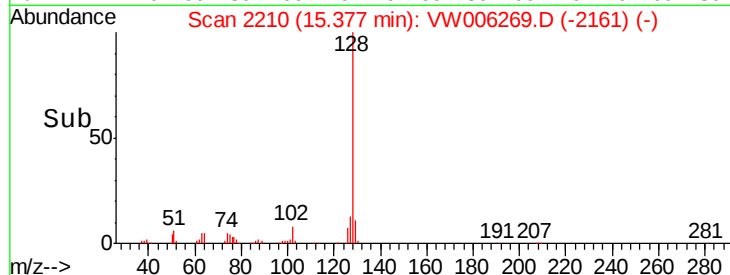
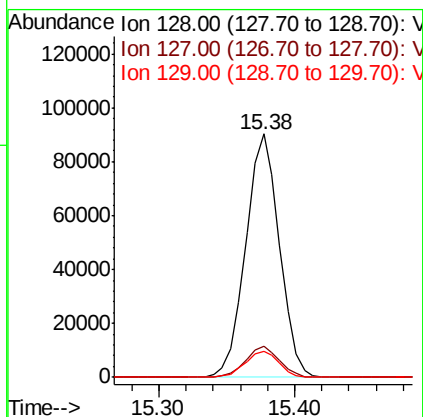
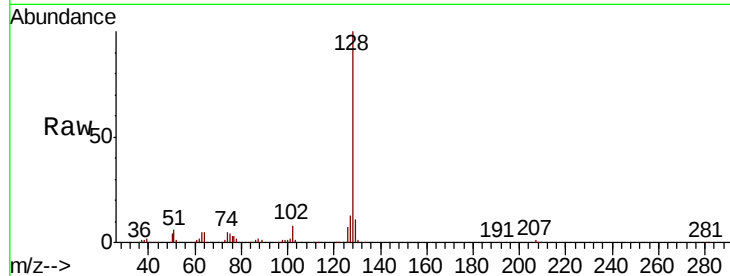
#95
Naphthalene
Concen: 22.080 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

sam
10/24/2018 5:33:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.531 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006269.D
Acq: 23 Oct 2018 01:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.6	15.0	45.1

