

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006425.D
 Acq On : 27 Oct 2018 02:15
 Operator : SY/AP
 Sample : VW1029SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
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 10/29/2018 10:03:53 AM

Quant Time: Oct 27 04:59:07 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	208675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	303848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84451	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.88	113	89613	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.32	98	329305	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.62	95	124267	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18822	18.227	ug/l	96
3) Chloromethane	2.21	50	27710	20.846	ug/l	99
4) Vinyl Chloride	2.37	62	39560	20.840	ug/l	98
5) Bromomethane	2.79	94	36107	20.912	ug/l	97
6) Chloroethane	2.93	64	31187	22.925	ug/l	98
7) Trichlorofluoromethane	3.26	101	36715	20.762	ug/l	95
8) Diethyl Ether	3.68	74	19378	20.619	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40001	21.584	ug/l	99
10) Methyl Iodide	4.27	142	67189	21.782	ug/l	98
11) Tert butyl alcohol	5.24	59	11891	102.198	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	37746	21.649	ug/l	95
13) Acrolein	3.90	56	10618	94.310	ug/l	97
14) Allyl chloride	4.67	41	50378	20.208	ug/l	99
15) Acrylonitrile	5.38	53	37981	112.672	ug/l	100
16) Acetone	4.15	43	35332	99.976	ug/l	99
17) Carbon Disulfide	4.37	76	94296	17.920	ug/l	100
18) Methyl Acetate	4.67	43	19567	22.475	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	56416	21.244	ug/l	97
20) Methylene Chloride	4.90	84	44963	23.706	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	42820	22.003	ug/l	98
22) Diisopropyl ether	6.31	45	110083	22.345	ug/l	98
23) Vinyl Acetate	6.26	43	298053	102.515	ug/l	98
24) 1,1-Dichloroethane	6.21	63	73405	23.091	ug/l	99
25) 2-Butanone	7.18	43	50164	107.334	ug/l	99
26) 2,2-Dichloropropane	7.16	77	43272	19.300	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	50209	23.379	ug/l	98
28) Bromochloromethane	7.51	49	24845	20.245	ug/l	96
29) Tetrahydrofuran	7.54	42	31151	108.435	ug/l	99
30) Chloroform	7.68	83	81711	23.593	ug/l	100
31) Cyclohexane	7.95	56	62074	19.608	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	67518	21.611	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61391	21.920	ug/l	100
37) Ethyl Acetate	7.26	43	22247	21.380	ug/l	99
38) Carbon Tetrachloride	8.07	117	62306	20.294	ug/l	96

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Quant Time: Oct 27 04:59:07 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	75764	20.351	ug/l	98
40) Benzene	8.32	78	176447	22.968	ug/l	99
41) Methacrylonitrile	7.49	41	12434	19.822	ug/l	90
42) 1,2-Dichloroethane	8.40	62	50758	22.488	ug/l	100
43) Isopropyl Acetate	8.43	43	43614	20.500	ug/l	100
44) Trichloroethene	9.09	130	53380	22.648	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41711	22.690	ug/l	97
46) Dibromomethane	9.46	93	24174	23.072	ug/l	99
47) Bromodichloromethane	9.65	83	53847	21.198	ug/l	99
48) Methyl methacrylate	9.44	41	20671	20.497	ug/l	94
49) 1,4-Dioxane	9.49	88	7546	467.826	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	112915	105.926	ug/l	98
52) Toluene	10.39	92	116941	22.705	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	50821	20.080	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	60074	20.682	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34480	23.516	ug/l	97
56) Ethyl methacrylate	10.65	69	37418	20.817	ug/l	97
57) 1,3-Dichloropropane	10.93	76	54990	22.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	75608	110.082	ug/l	99
59) 2-Hexanone	10.98	43	75932	99.788	ug/l	97
60) Dibromochloromethane	11.13	129	37780	20.686	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33291	22.724	ug/l	98
64) Tetrachloroethene	10.87	164	50349	23.085	ug/l	98
65) Chlorobenzene	11.66	112	136827	22.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45879	21.465	ug/l	99
67) Ethyl Benzene	11.73	91	231495	22.210	ug/l	99
68) m/p-Xylenes	11.84	106	181818	44.133	ug/l	99
69) o-Xylene	12.17	106	85885	21.874	ug/l	98
70) Styrene	12.18	104	140874	22.064	ug/l	99
71) Bromoform	12.35	173	22690	19.032	ug/l #	98
73) Isopropylbenzene	12.47	105	240952	21.792	ug/l	99
74) N-amyl acetate	12.28	43	40789	18.993	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	37903	22.538	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29183m	24.412	ug/l	
77) Bromobenzene	12.75	156	61109	22.564	ug/l	98
78) n-propylbenzene	12.81	91	281868	21.912	ug/l	100
79) 2-Chlorotoluene	12.90	91	160804	22.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	201734	21.642	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8450	16.897	ug/l	90
82) 4-Chlorotoluene	12.99	91	170083	22.464	ug/l	100
83) tert-Butylbenzene	13.21	119	181048	21.709	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	206656	21.910	ug/l	99
85) sec-Butylbenzene	13.39	105	254461	21.598	ug/l	100
86) p-Isopropyltoluene	13.51	119	229344	21.521	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122516	22.731	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121493	22.639	ug/l	99
89) n-Butylbenzene	13.83	91	209250	21.470	ug/l	99
90) Hexachloroethane	14.10	117	35266	19.537	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108865	22.644	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5717	18.987	ug/l	95

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MSVOA_W
ClientSampleId :
VW1029SBSD01

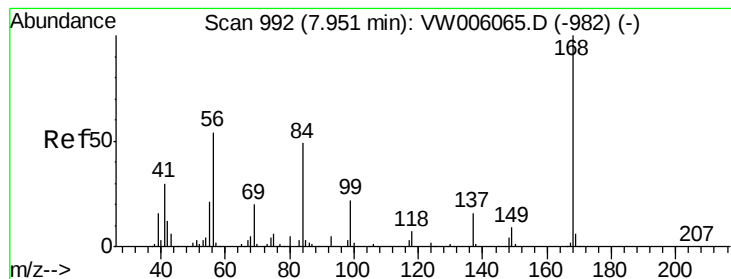
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10/29/2018 10:03:53 AM

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Quant Method : Z:\V0ASRV\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	81714	22.089	ug/l	100
94) Hexachlorobutadiene	15.24	225	51092	21.986	ug/l	99
95) Naphthalene	15.38	128	130358	21.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72719	22.727	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: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleID :

VW1029SBSD01

Tot Ion:168 Resp: 208675

Ion Ratio Lower Upper

168 100

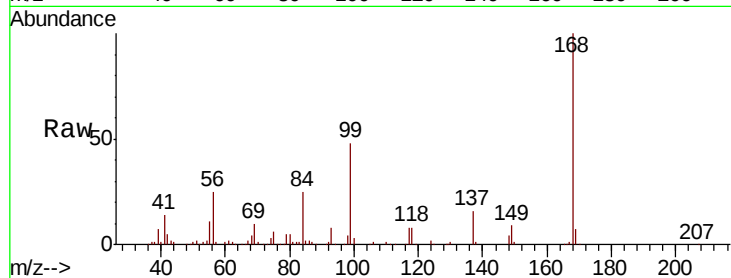
99 48.2 39.9 59.9

Manual Integrations

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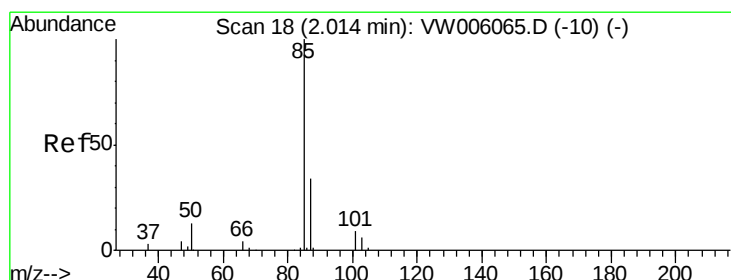
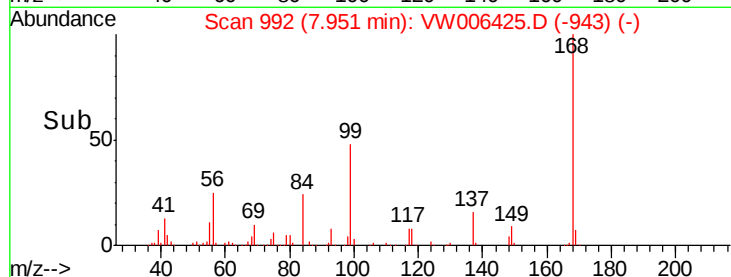
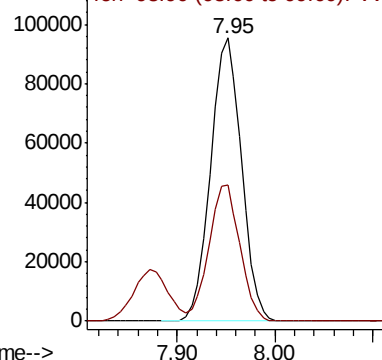
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006425.D

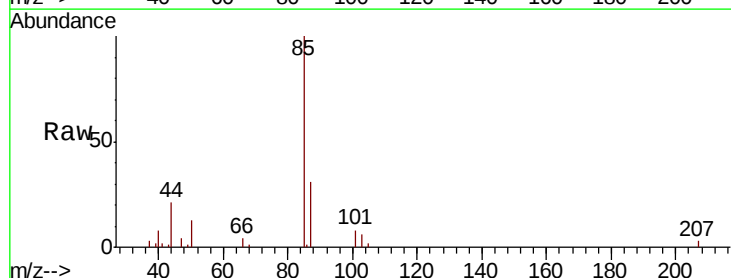
Acq: 27 Oct 2018 02:15

Tgt Ion: 85 Resp: 18822

Ion Ratio Lower Upper

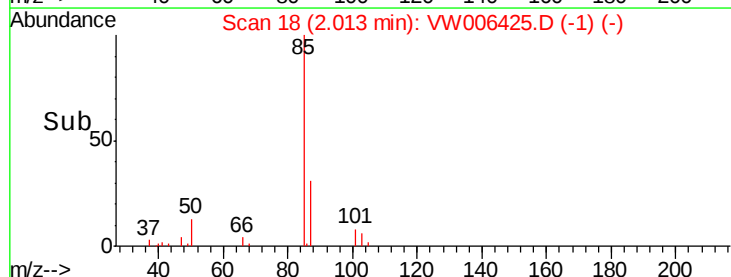
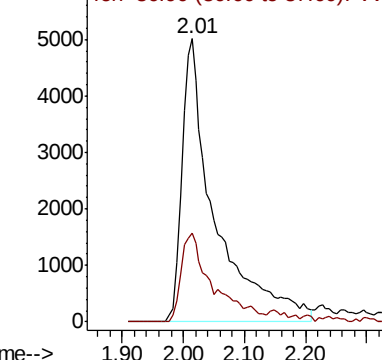
85 100

87 31.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.846 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBSD01

Tot Ion: 50 Resp: 27710

Ion Ratio Lower Upper

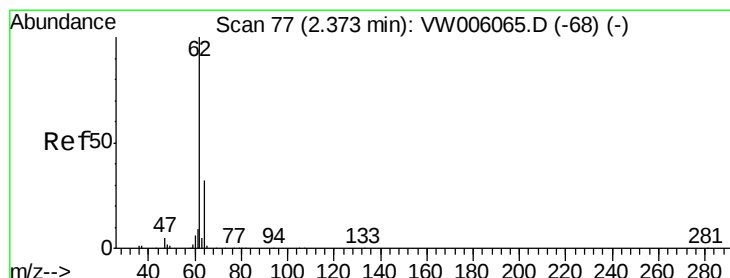
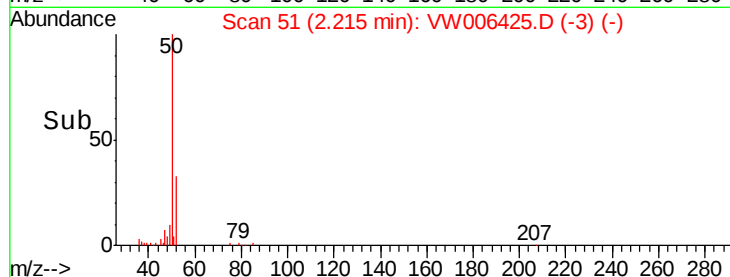
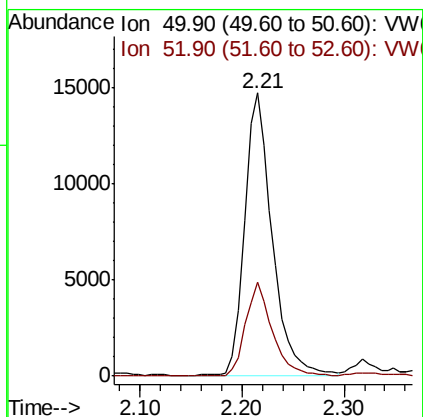
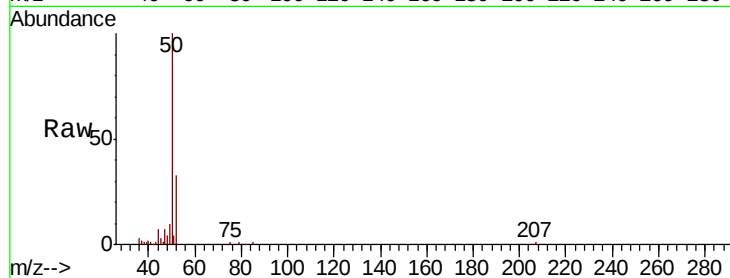
50 100

52 33.1 26.8 40.2

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#4

Vinyl Chloride

Concen: 20.840 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006425.D

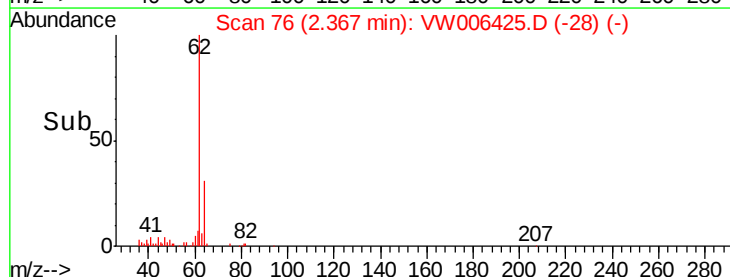
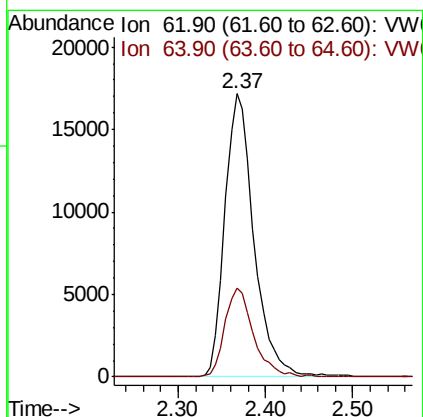
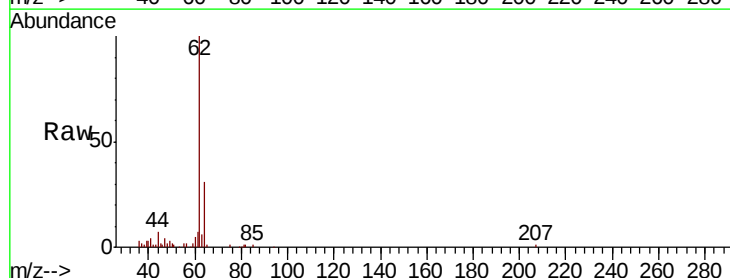
Acq: 27 Oct 2018 02:15

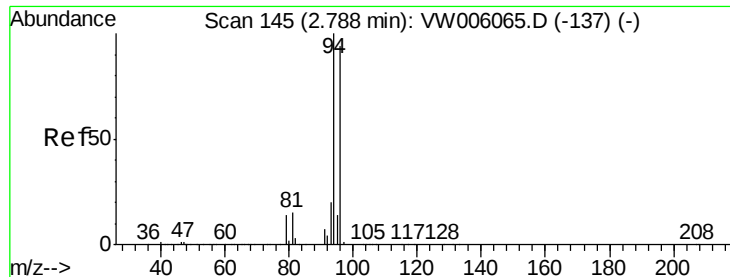
Tgt Ion: 62 Resp: 39560

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 20.912 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 94 Resp: 36107

Ion Ratio Lower Upper

94 100

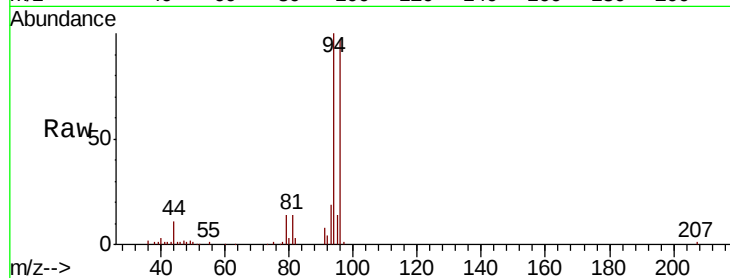
96 96.2 74.9 112.3

Manual Integrations

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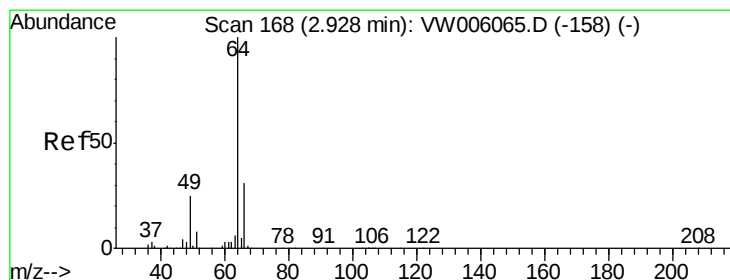
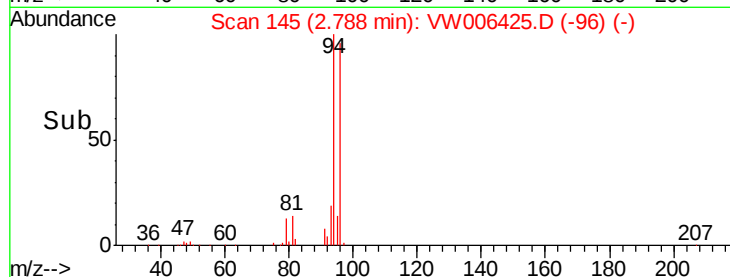
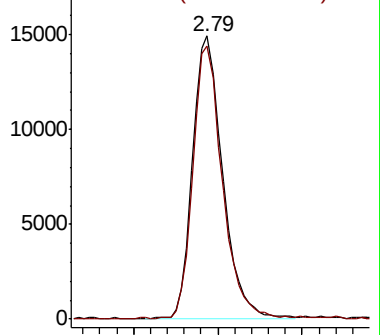
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.925 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006425.D

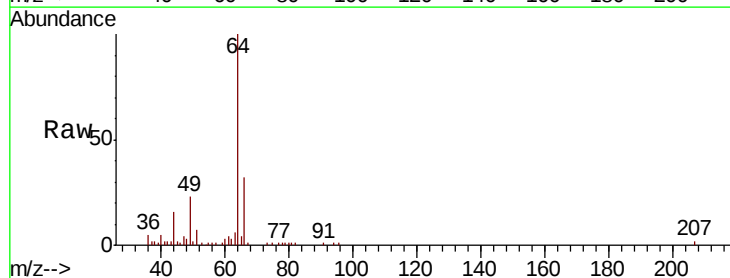
Acq: 27 Oct 2018 02:15

Tgt Ion: 64 Resp: 31187

Ion Ratio Lower Upper

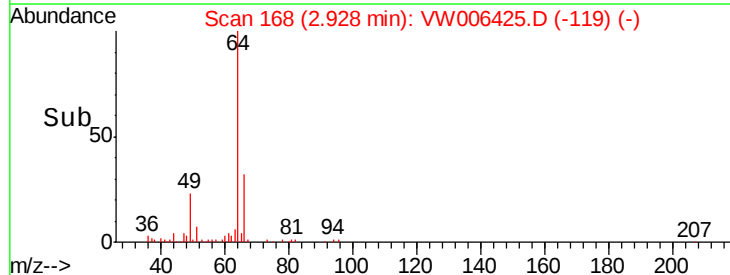
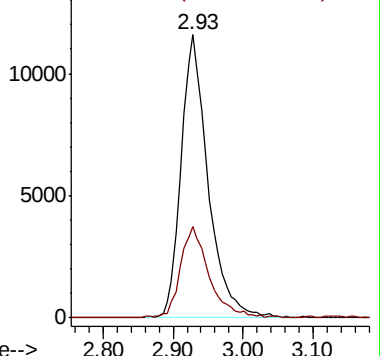
64 100

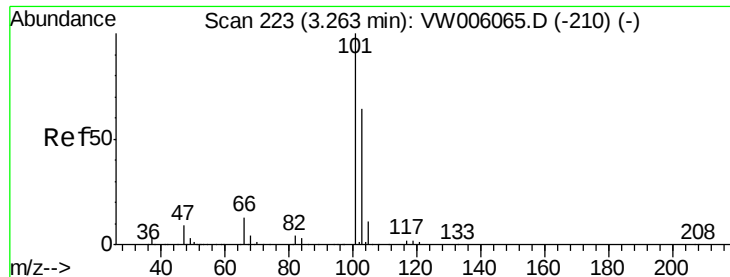
66 32.2 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

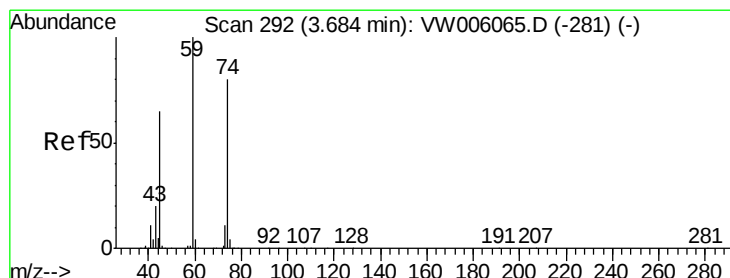
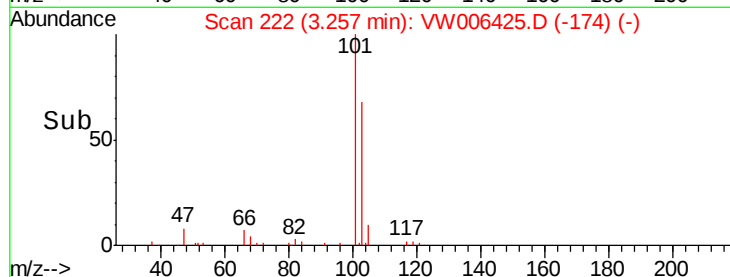
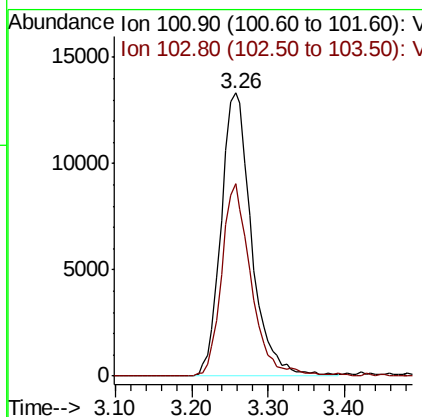
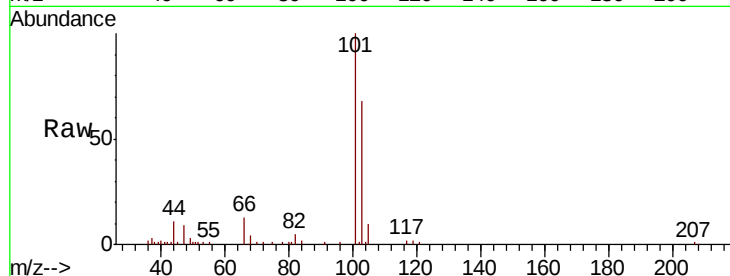
Trichlorofluoromethane
Concen: 20.762 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.2	76.8

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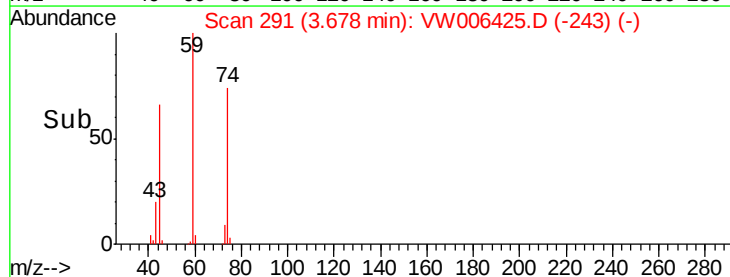
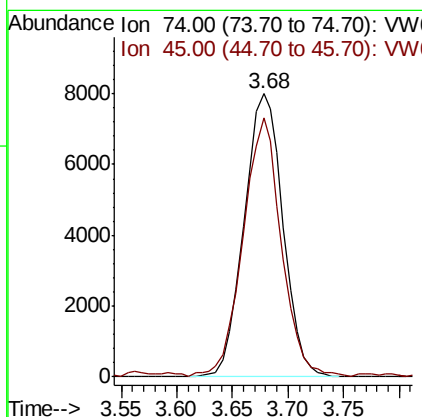
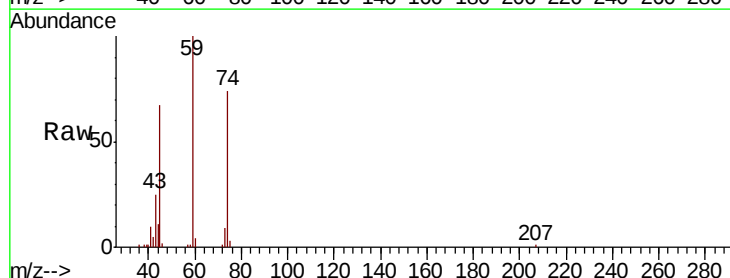
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#8

Diethyl Ether
Concen: 20.619 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.584 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

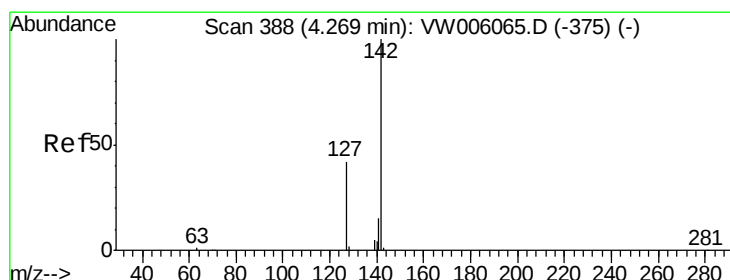
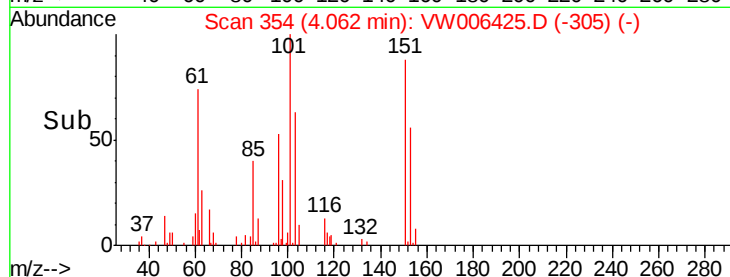
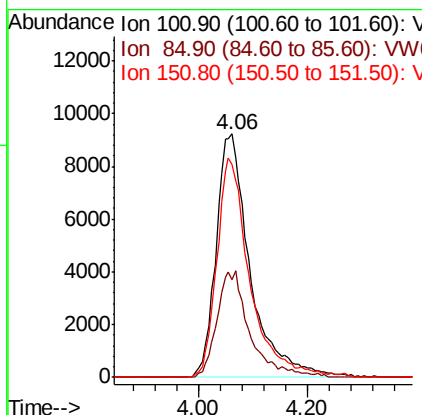
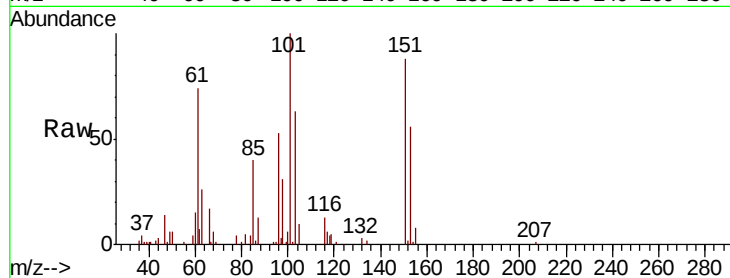
ClientSampleId :

VW1029SBSD01

Tot Ion:	101	Resp:	40001
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	87.9	70.4	105.6

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#10

Methyl Iodide

Concen: 21.782 ug/l

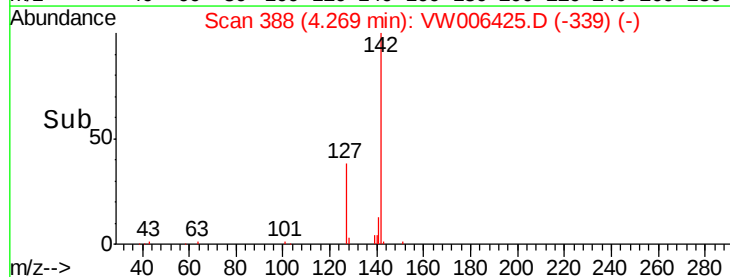
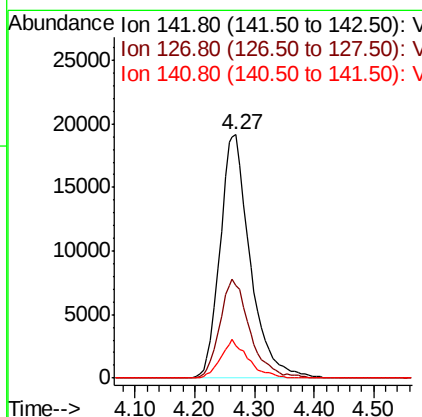
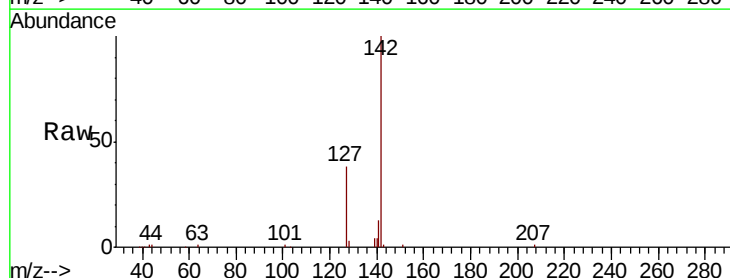
RT: 4.27 min Scan# 388

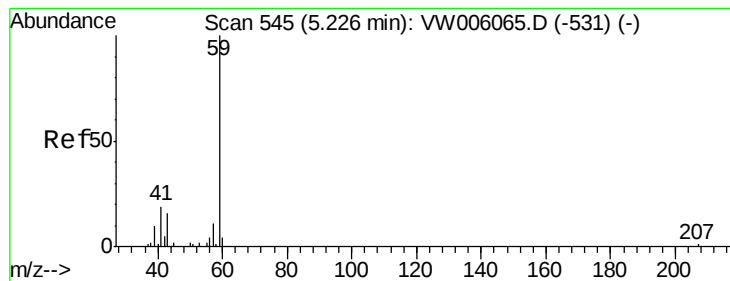
Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	142	Resp:	67189
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.6	50.4
141	14.4	11.6	17.4





#11

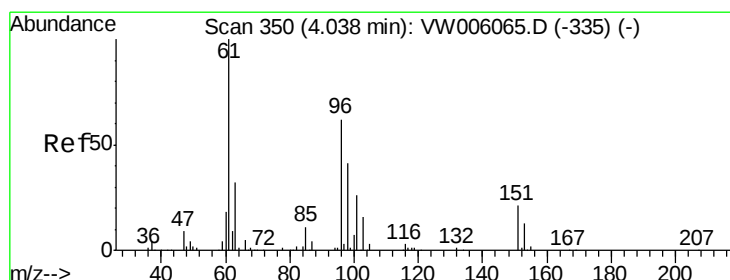
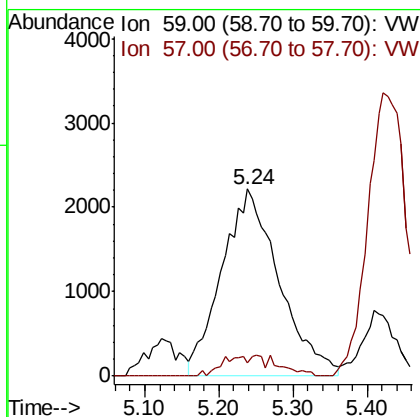
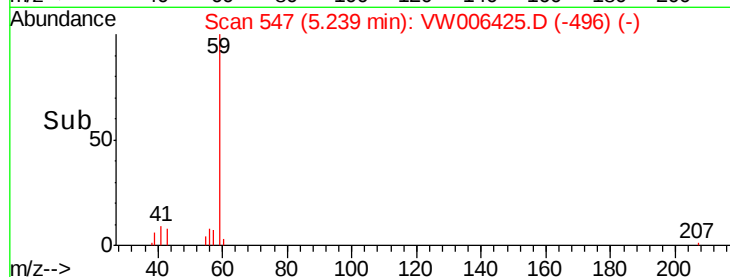
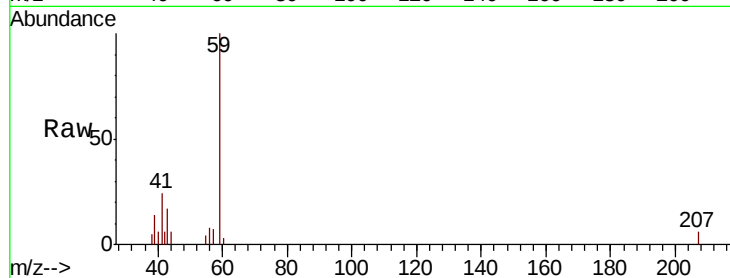
Tert butyl alcohol
Concen: 102.198 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion: 59 Resp: 11891
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

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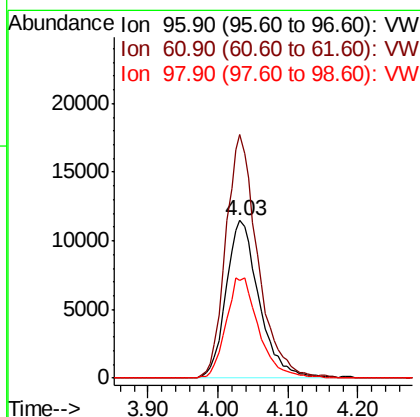
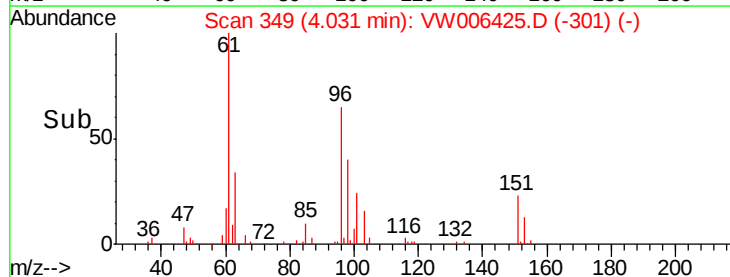
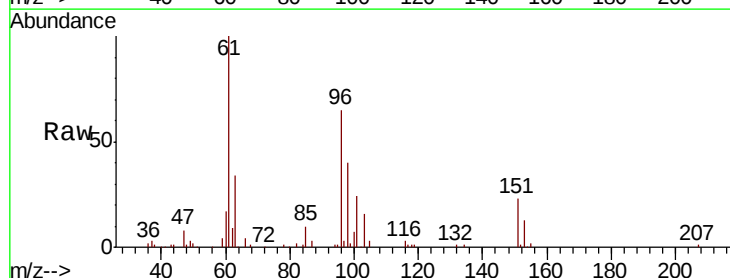
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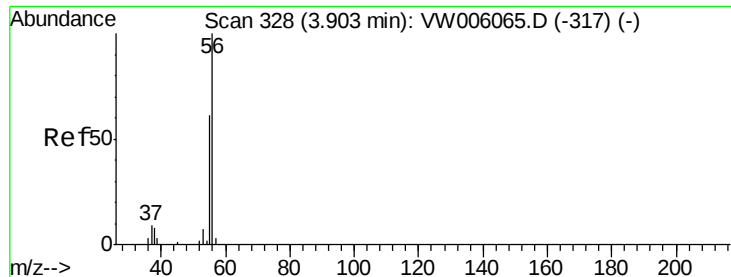


#12

1,1-Dichloroethene
Concen: 21.649 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion: 96 Resp: 37746
Ion Ratio Lower Upper
96 100
61 154.5 129.3 193.9
98 62.4 53.1 79.7





#13

Acrolein

Concen: 94.310 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 56 Resp: 10618

Ion Ratio Lower Upper

56 100

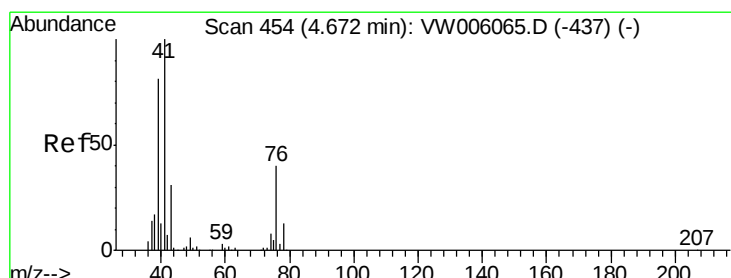
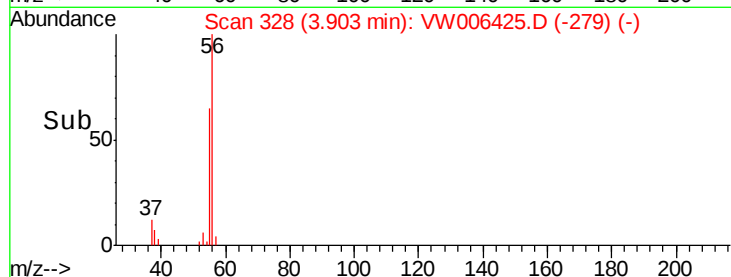
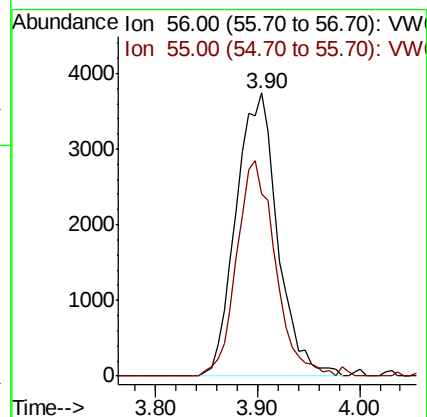
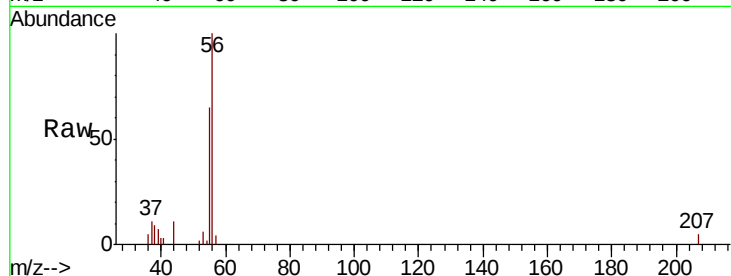
55 70.5 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 20.208 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

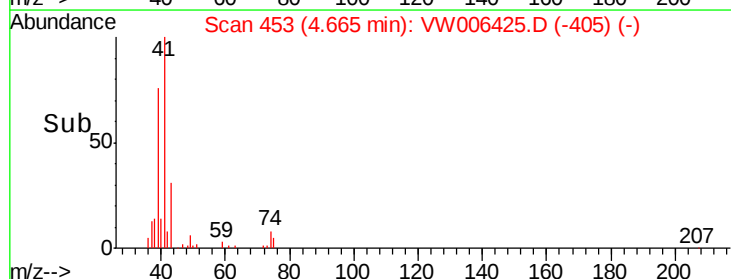
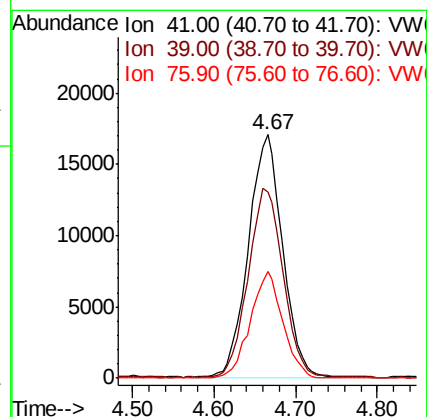
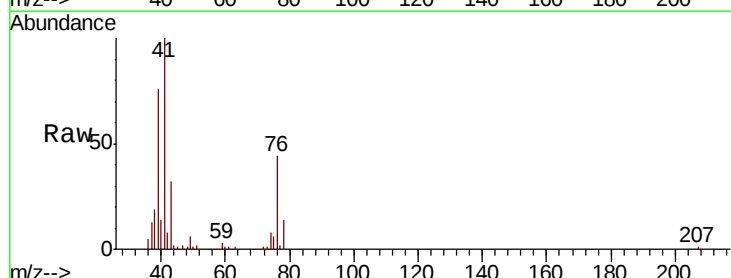
Tgt Ion: 41 Resp: 50378

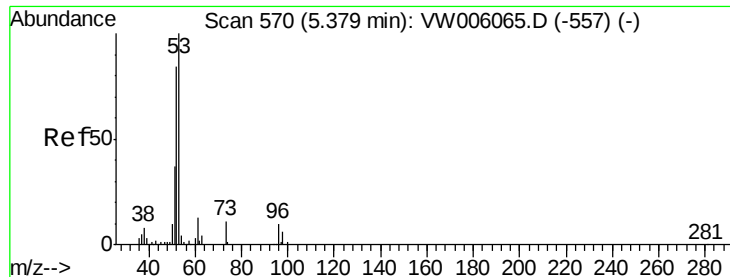
Ion Ratio Lower Upper

41 100

39 79.3 64.1 96.1

76 41.3 32.2 48.4





#15

Acrylonitrile

Concen: 112.672 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

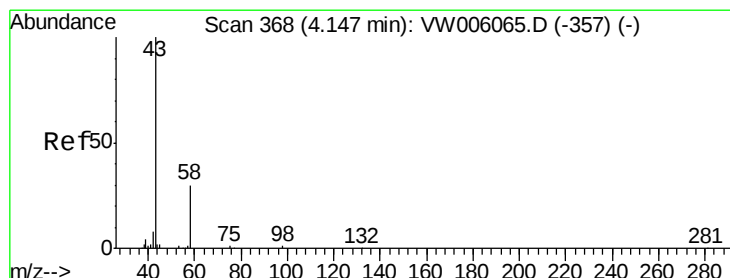
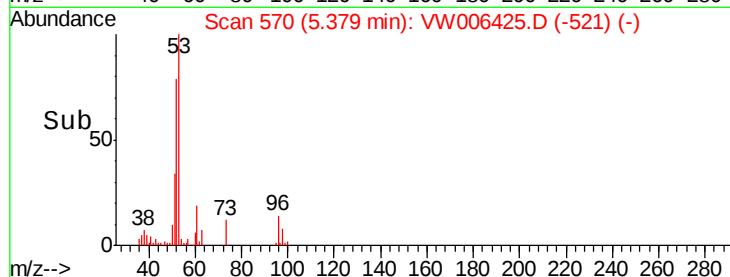
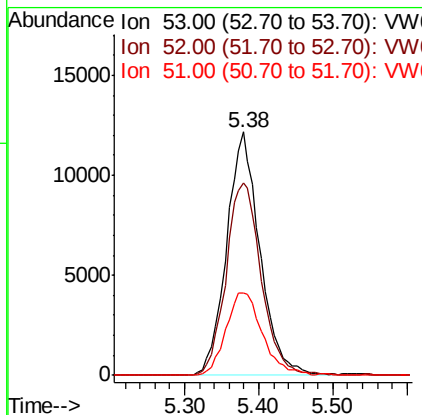
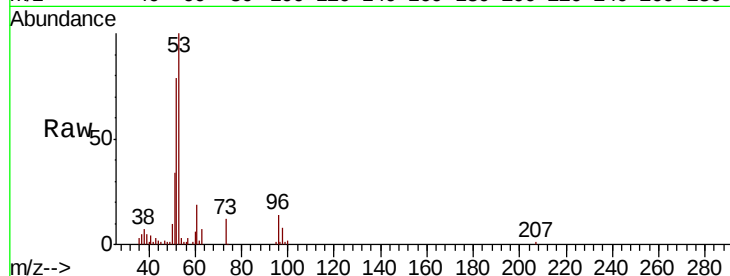
ClientSampleId :

VW1029SBSD01

Tot Ion:	53	Resp:	37981
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	37.3	30.1	45.1

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#16

Acetone

Concen: 99.976 ug/l

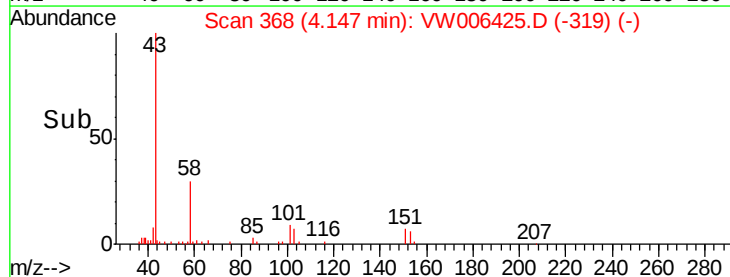
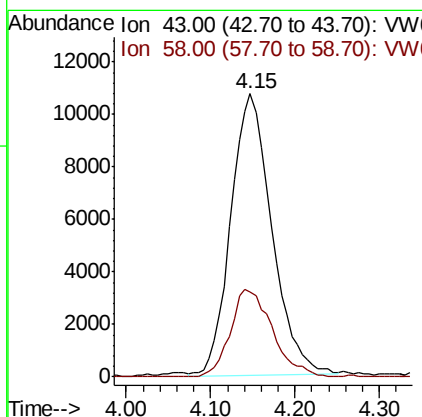
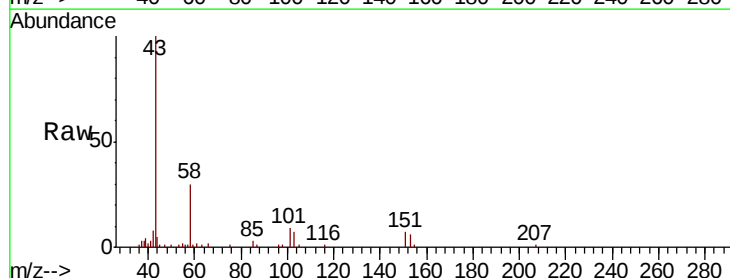
RT: 4.15 min Scan# 368

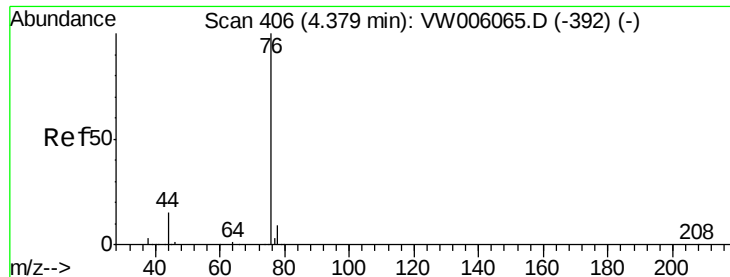
Delta R.T. 0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	43	Resp:	35332
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0





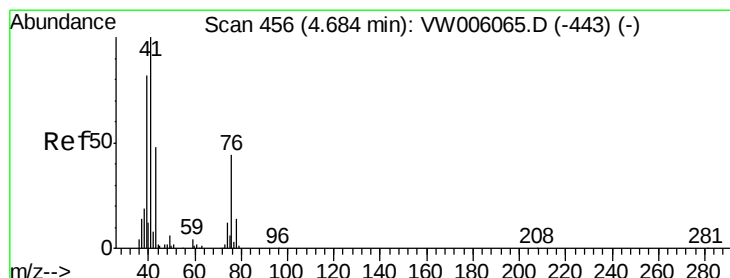
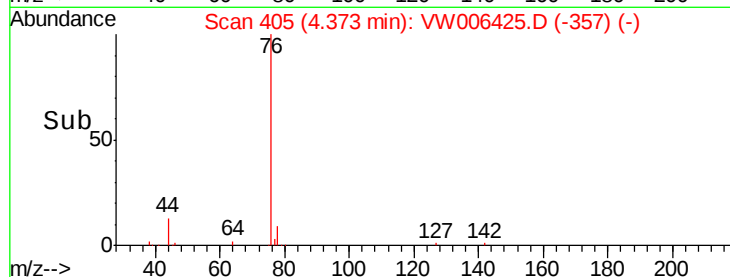
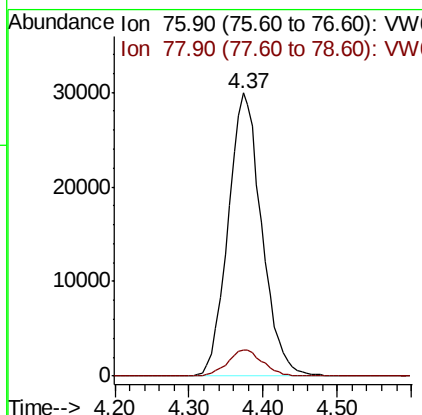
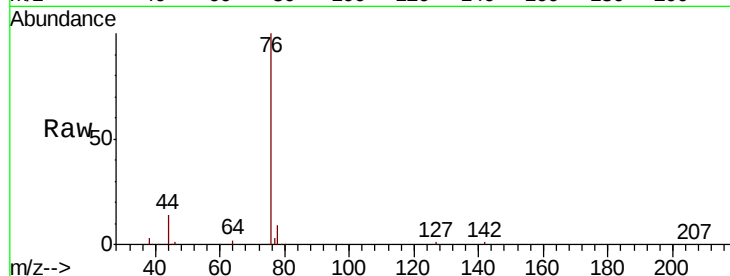
#17
Carbon Disulfide
Concen: 17.920 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

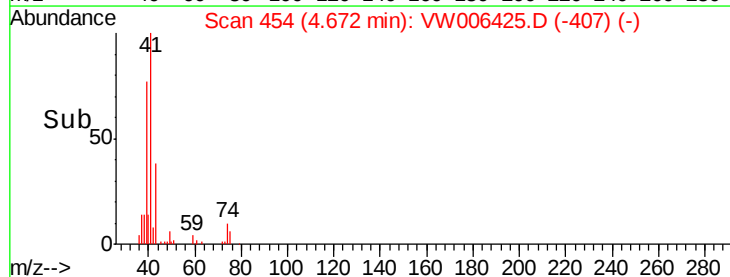
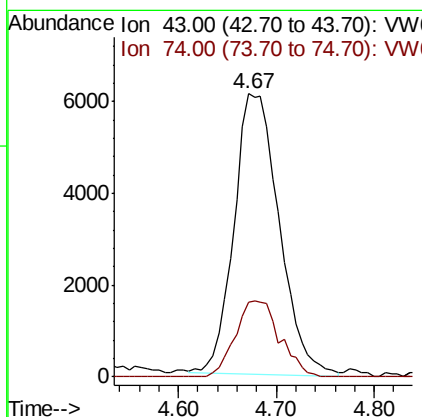
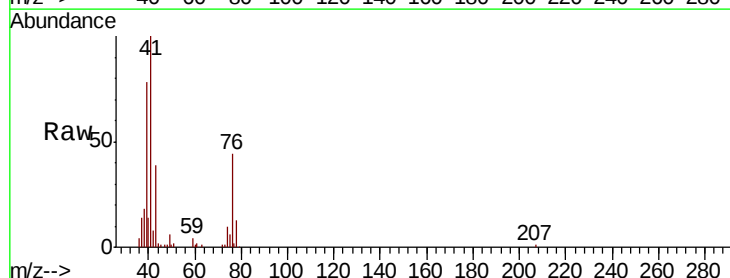
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#18
Methyl Acetate
Concen: 22.475 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	20.5	30.7





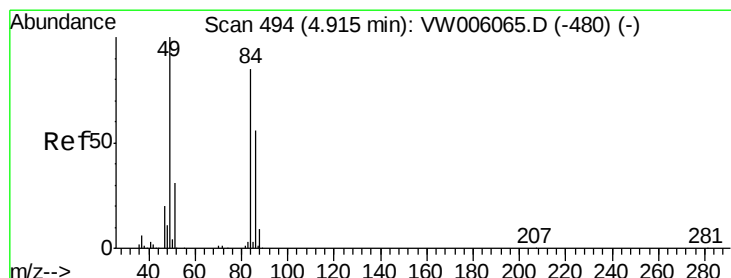
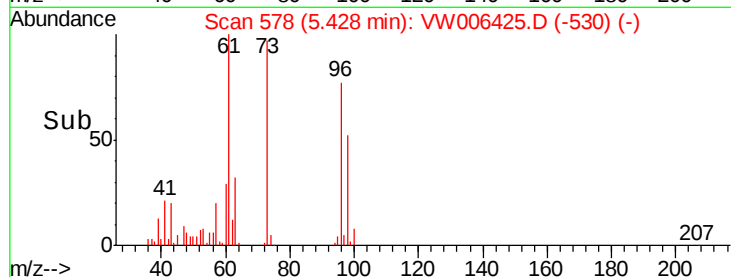
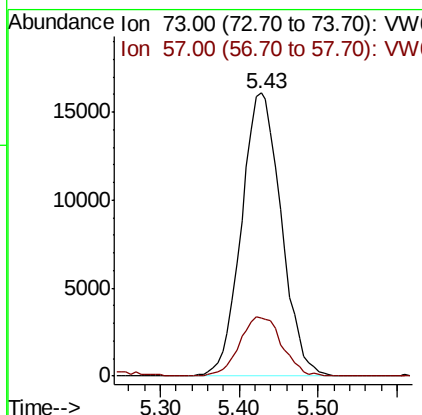
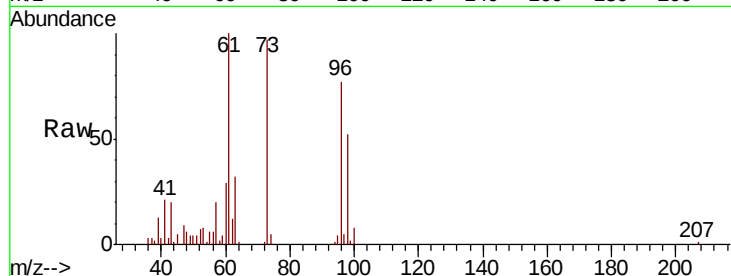
#19
Methyl tert-butyl Ether
Concen: 21.244 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.4	26.2

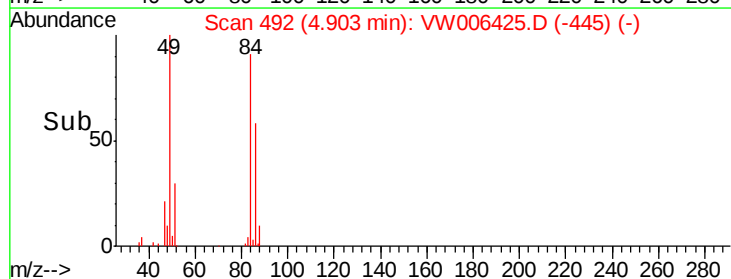
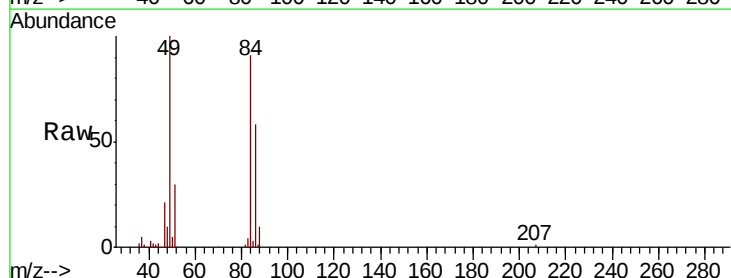
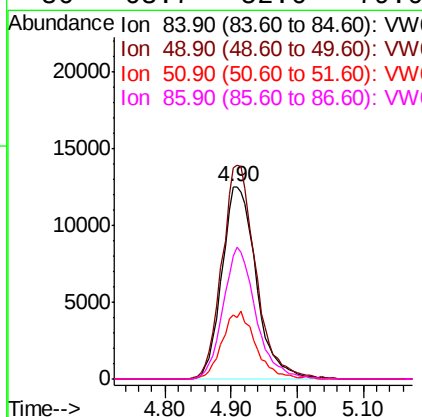
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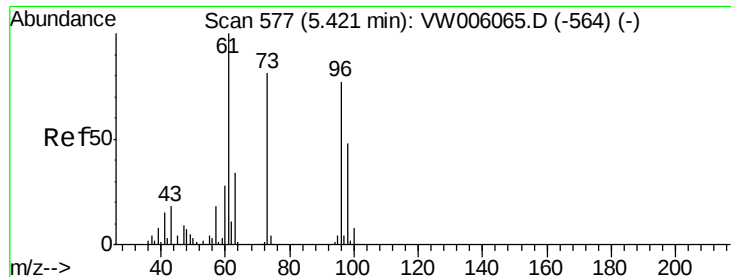
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#20
Methylene Chloride
Concen: 23.706 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	93.6	140.4
51	33.1	29.0	43.4
86	63.7	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 22.003 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

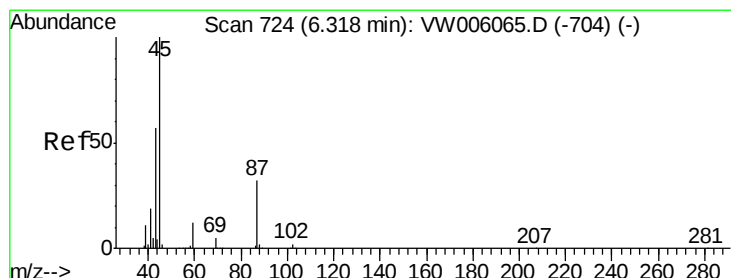
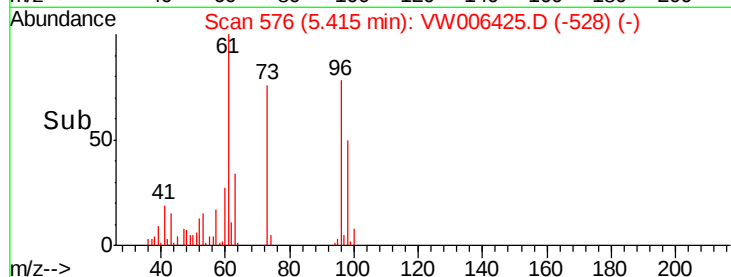
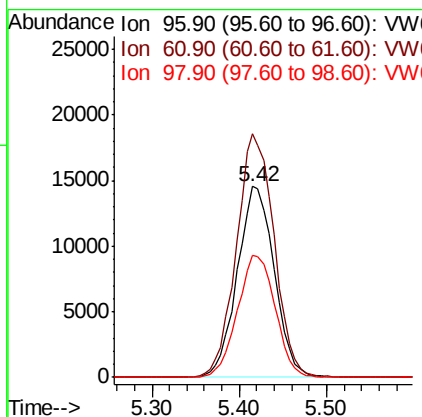
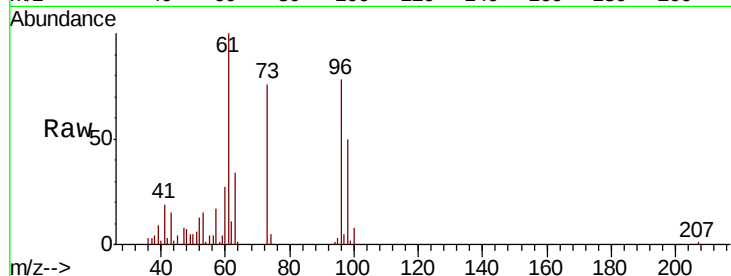
ClientSampleId :

VW1029SBS01

Tot Ion:	96	Resp:	42820
Ion	Ratio	Lower	Upper
96	100		
61	127.6	104.5	156.7
98	64.0	50.6	75.8

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#22

Diisopropyl ether

Concen: 22.345 ug/l

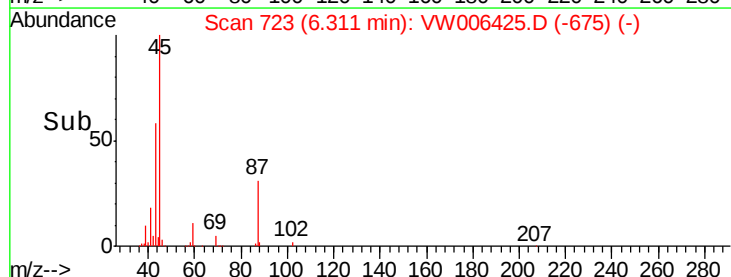
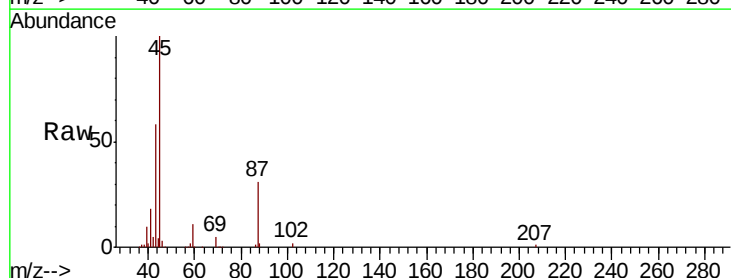
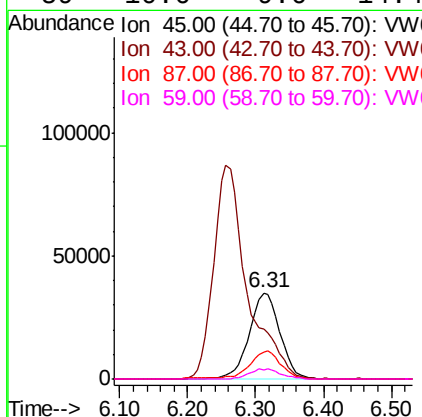
RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	45	Resp:	110083
Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.7	68.5
87	31.0	25.9	38.9
59	10.6	9.6	14.4





#23

Vinyl Acetate

Concen: 102.515 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 298053

Ion Ratio Lower Upper

43 100

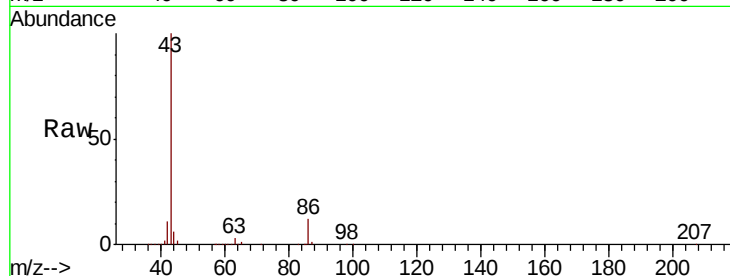
86 11.9 9.0 13.6

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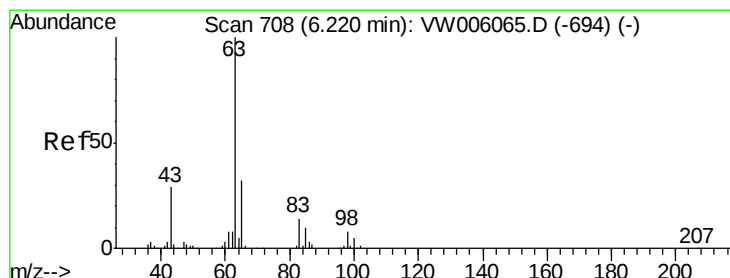
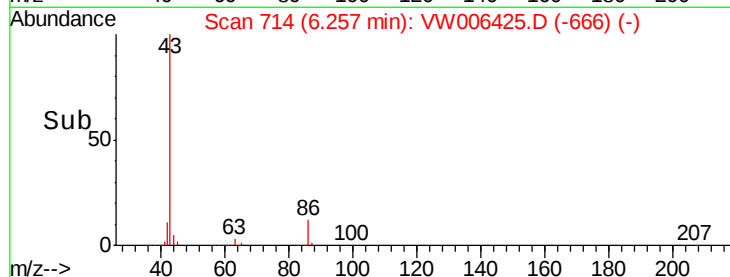
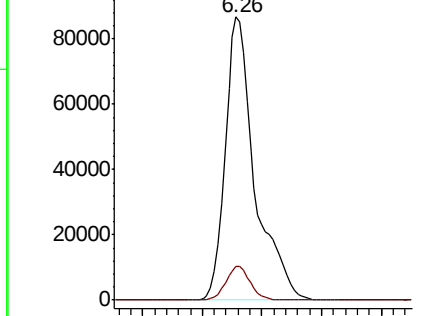
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 23.091 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

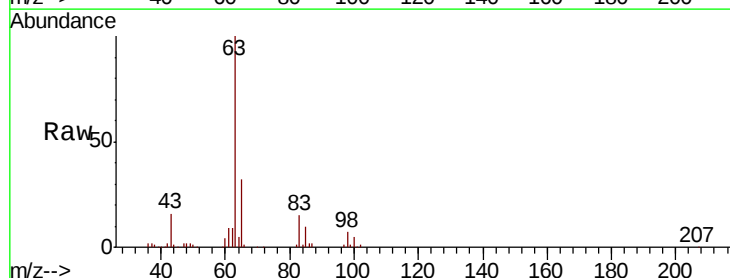
Tgt Ion: 63 Resp: 73405

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

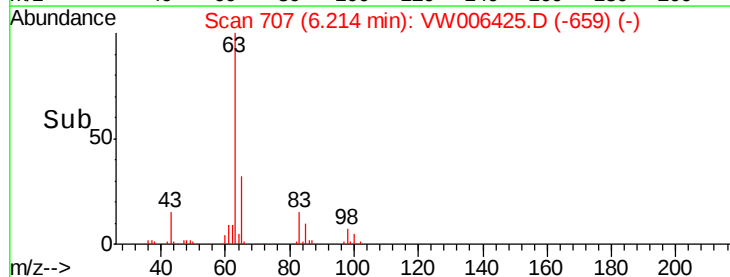
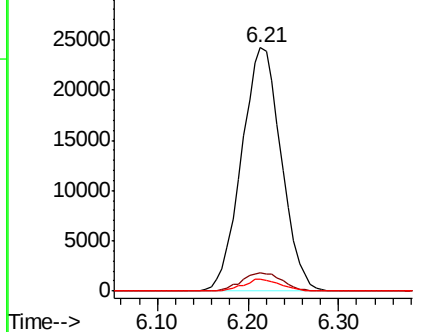
100 4.8 2.5 7.5



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





#25

2-Butanone

Concen: 107.334 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 50164

Ion Ratio Lower Upper

43 100

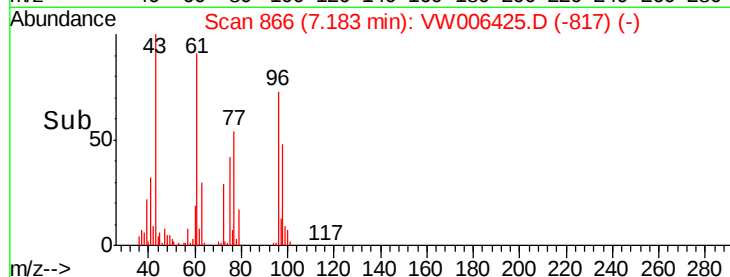
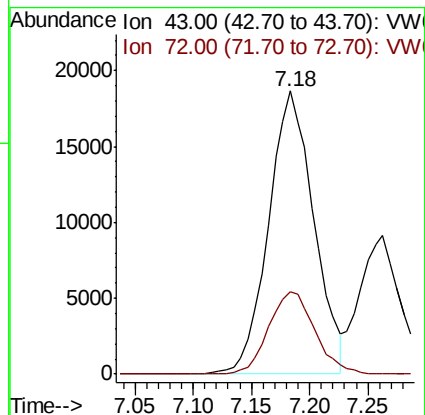
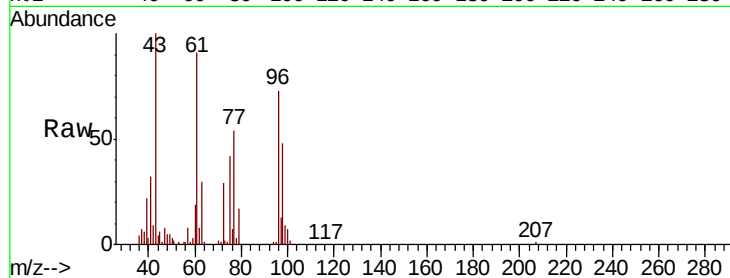
72 29.1 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.300 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006425.D

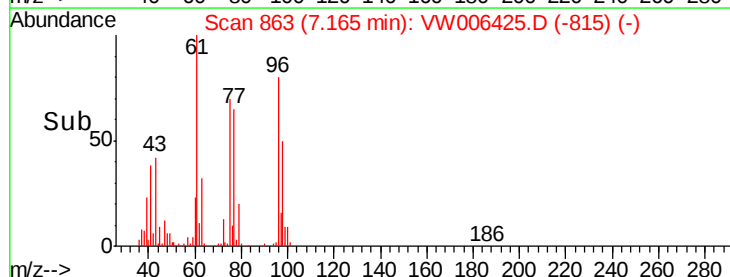
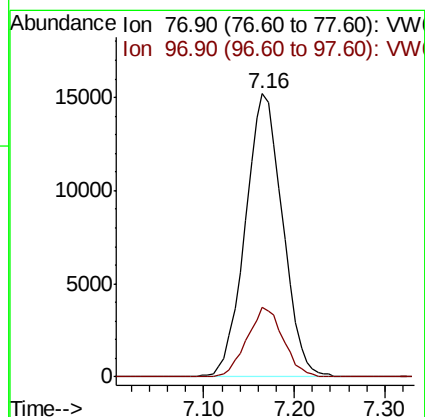
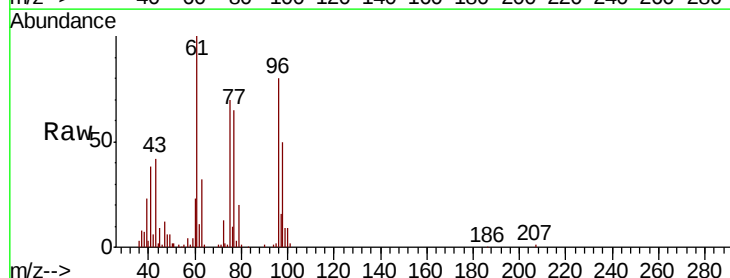
Acq: 27 Oct 2018 02:15

Tgt Ion: 77 Resp: 43272

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.4





#27

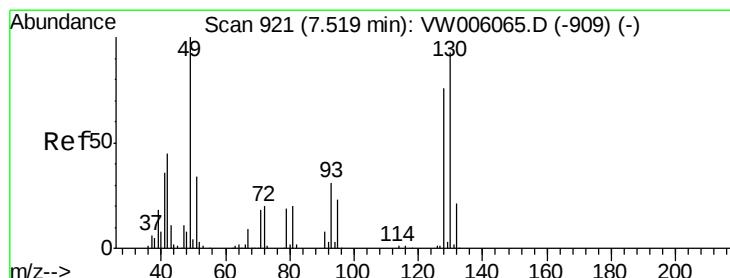
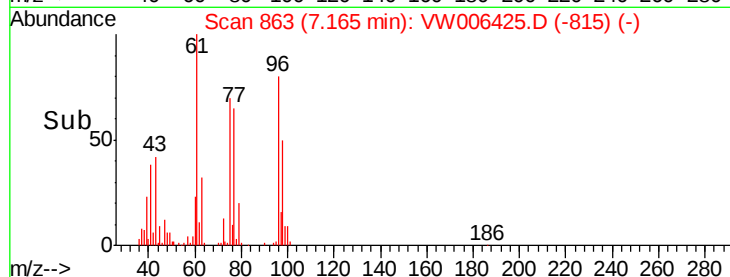
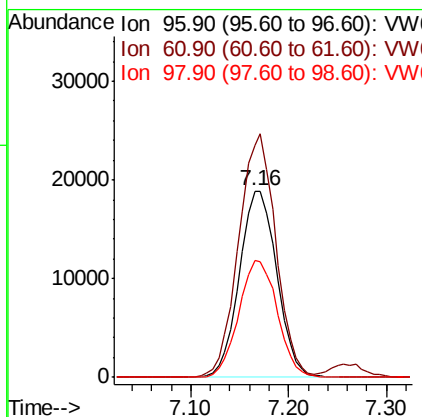
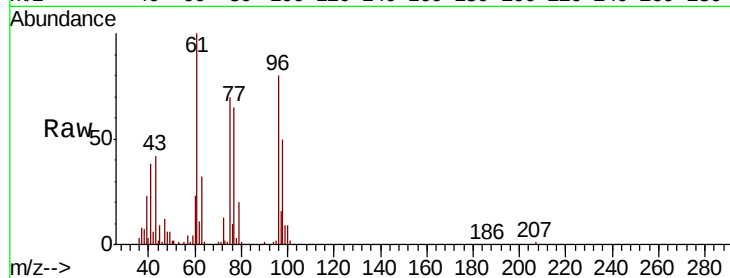
cis-1,2-Dichloroethene
Concen: 23.379 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	267.2
98	64.2	0.0	128.6

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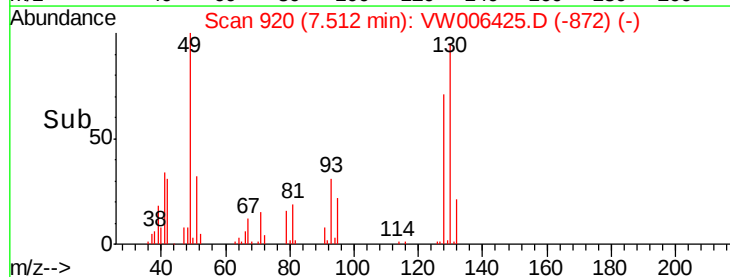
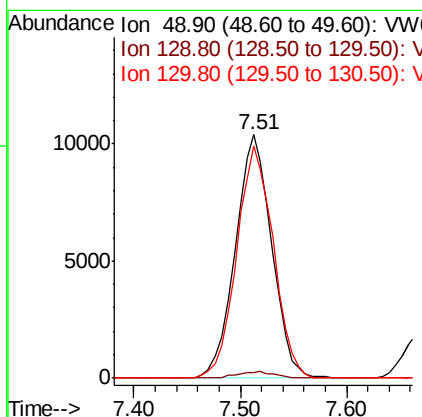
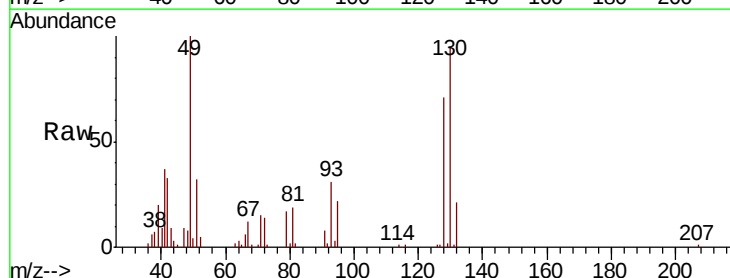
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#28

Bromochloromethane
Concen: 20.245 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	96.1	73.8	110.8





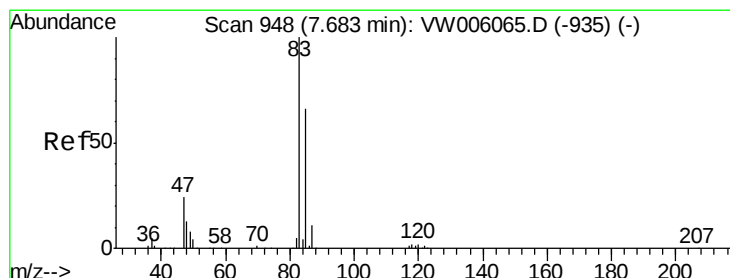
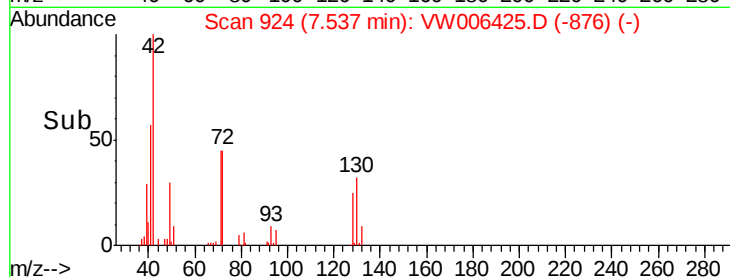
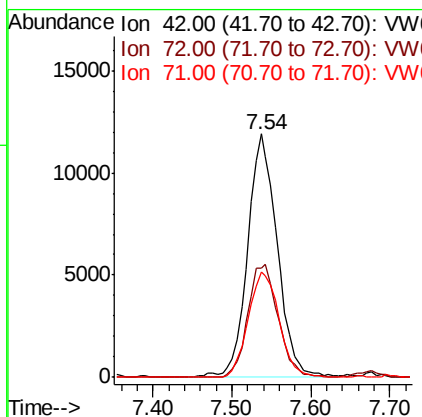
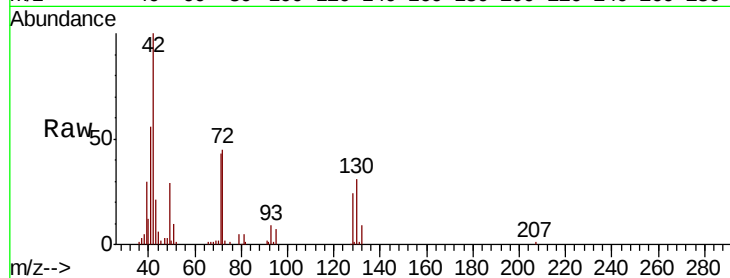
#29
Tetrahydrofuran
Concen: 108.435 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion:	42	Resp:	31151
Ion Ratio		Lower	Upper
42	100		
72	47.1	38.0	57.0
71	44.9	35.3	52.9

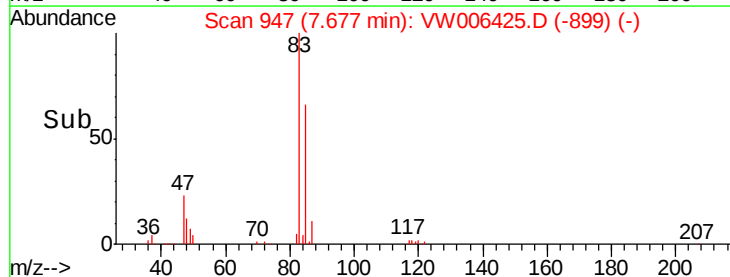
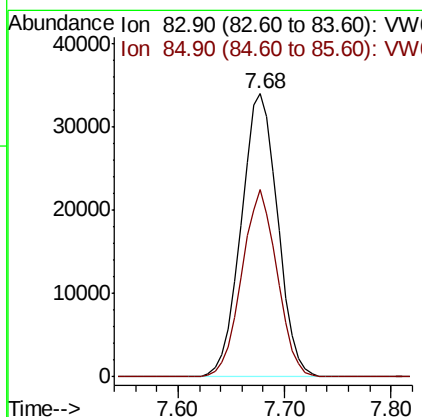
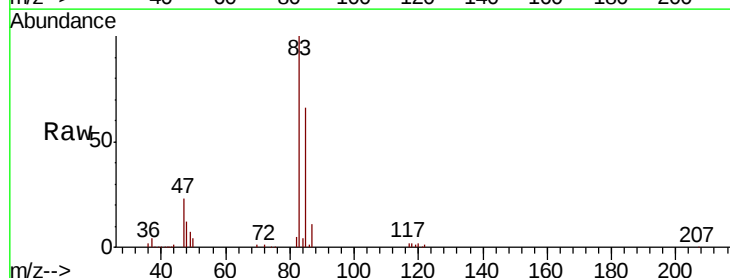
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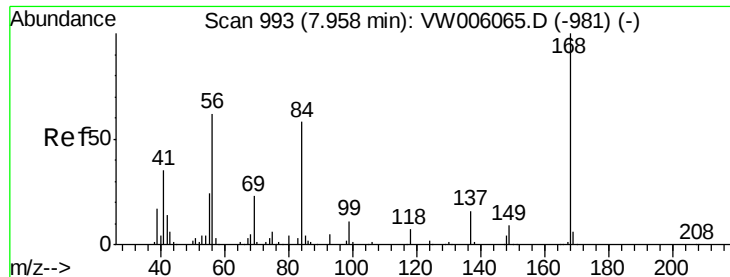
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#30
Chloroform
Concen: 23.593 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion:	83	Resp:	81711
Ion Ratio		Lower	Upper
83	100		
85	66.1	52.6	79.0





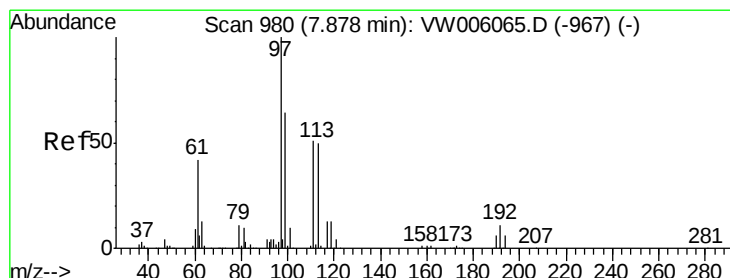
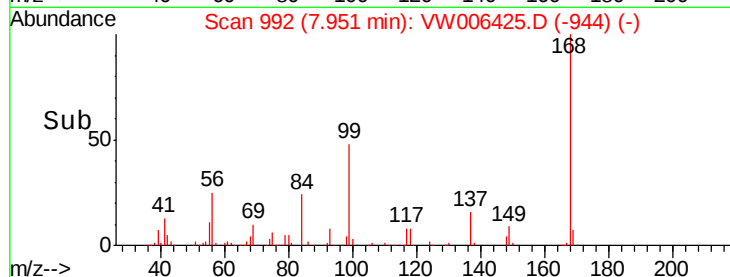
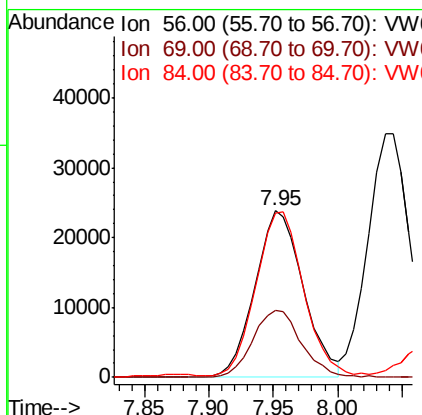
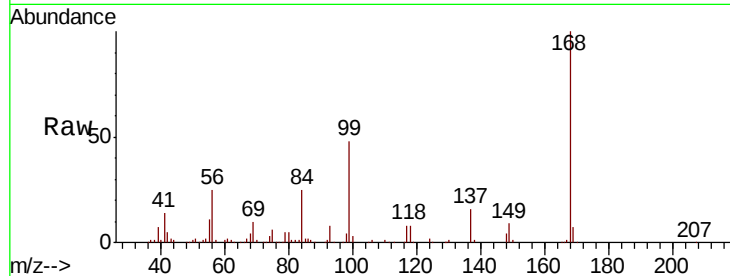
#31
Cyclohexane
Concen: 19.608 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.2	29.4	44.0
84	97.1	74.0	111.0

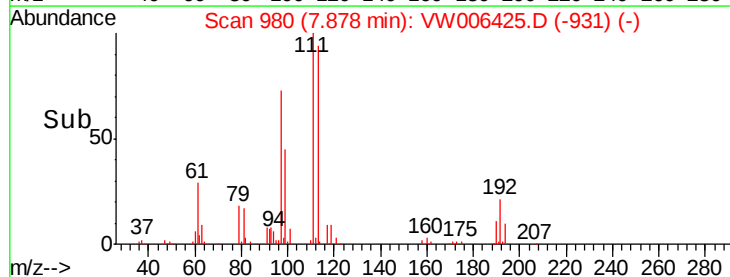
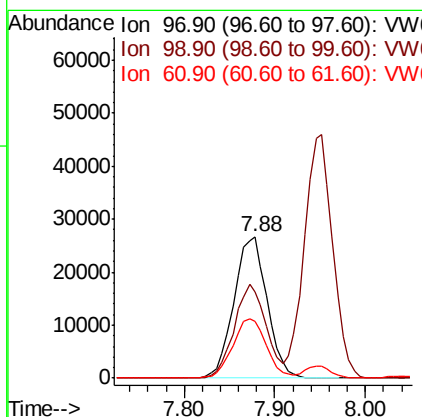
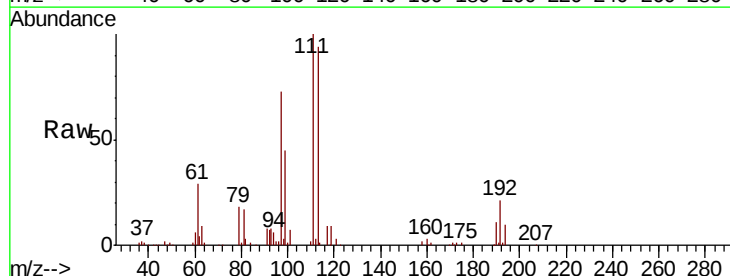
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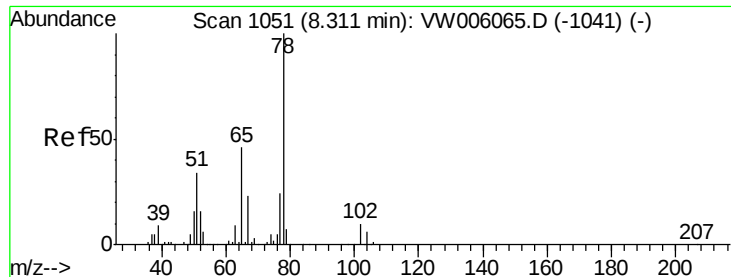
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#32
1,1,1-Trichloroethane
Concen: 21.611 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	42.7	33.7	50.5





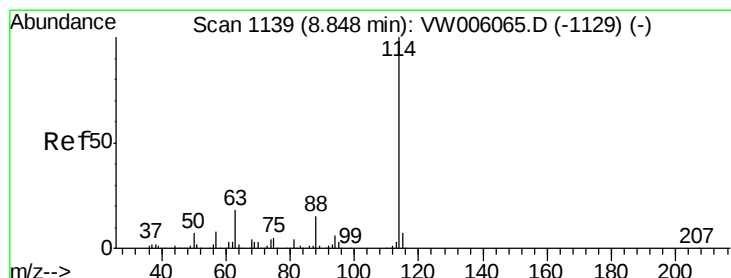
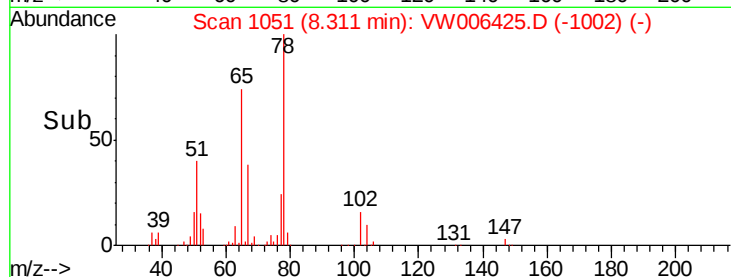
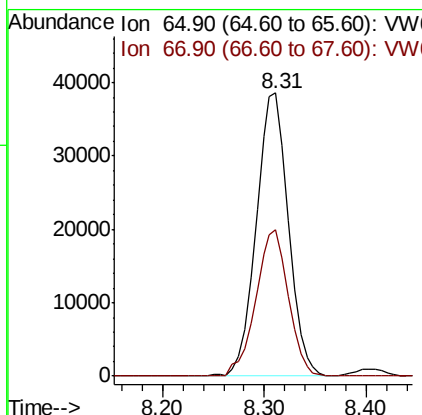
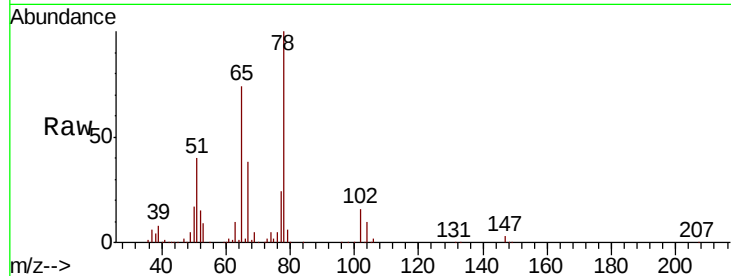
#33
 1,2-Dichloroethane-d4
 Concen: 48.815 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	101.0	

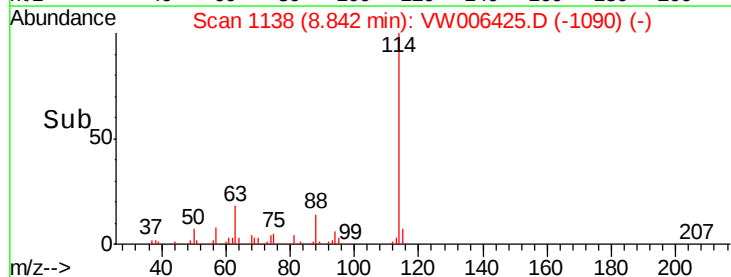
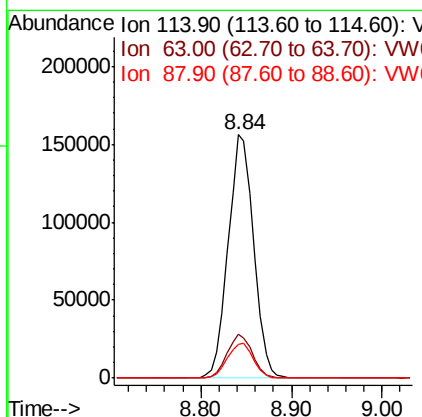
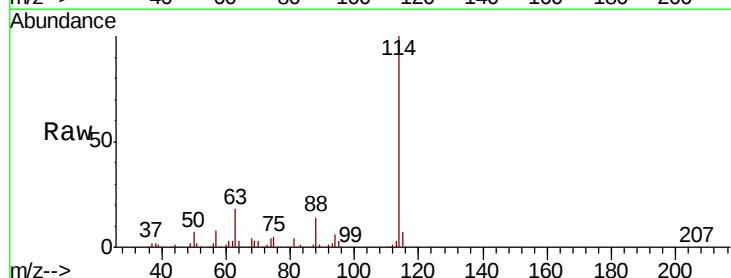
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	36.8	
88	14.1	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.912 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

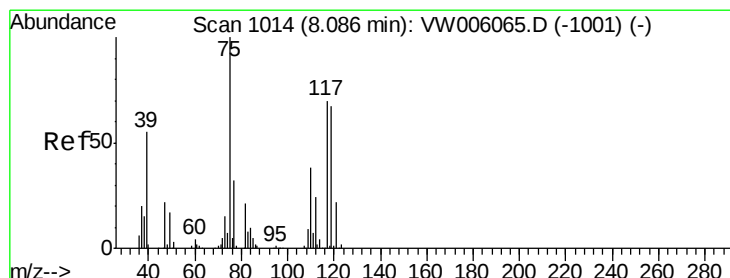
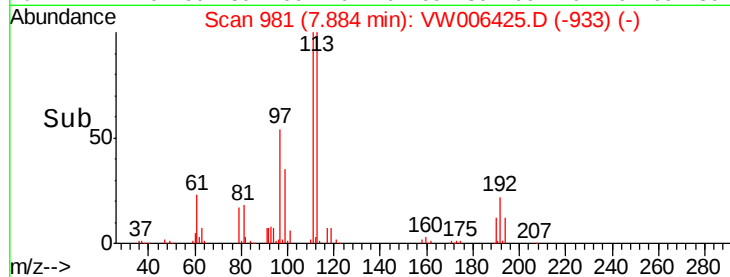
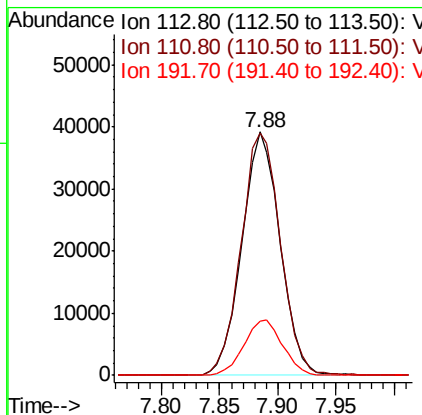
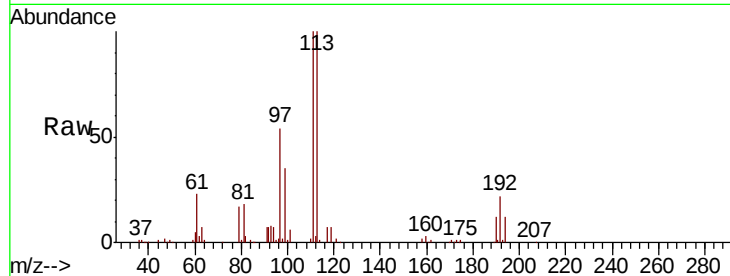
ClientSampleId :

VW1029SBS01

Tot Ion:	113	Resp:	89613
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	23.0	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 21.920 ug/l

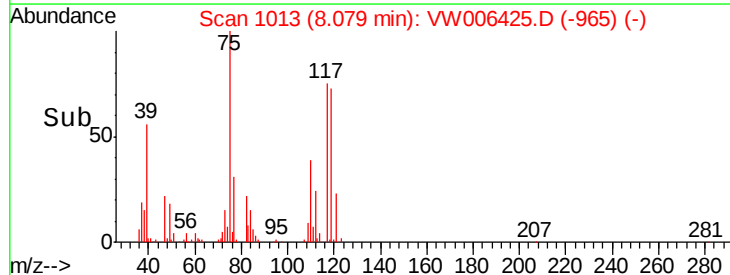
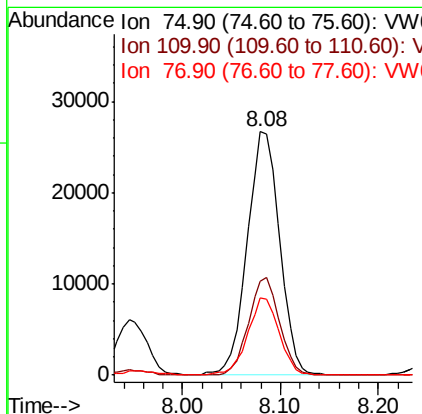
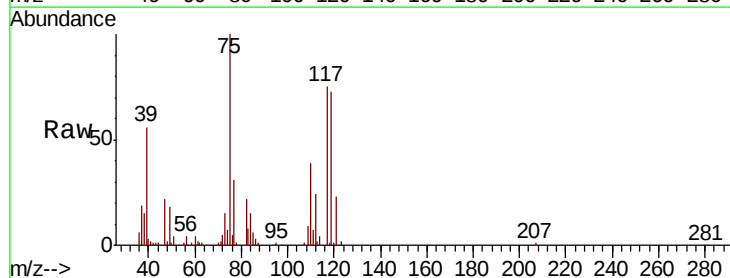
RT: 8.08 min Scan# 1013

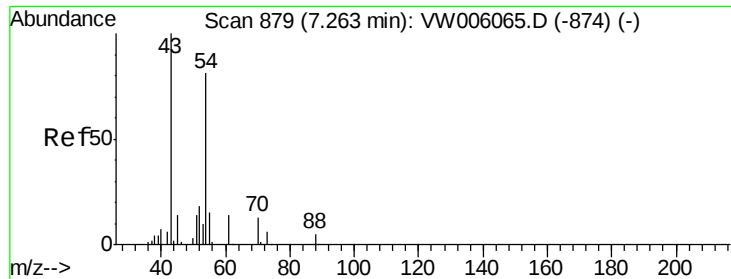
Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	75	Resp:	61391
Ion Ratio	Lower	Upper	
75	100		
110	38.1	19.1	57.1
77	30.8	25.0	37.4





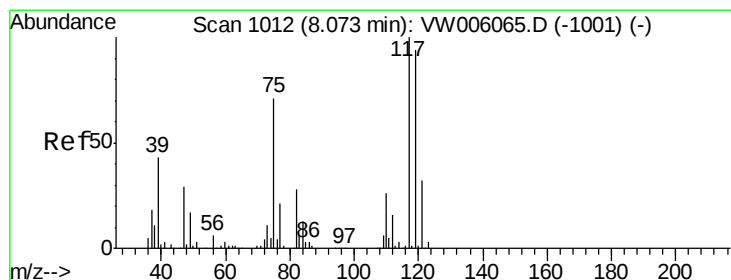
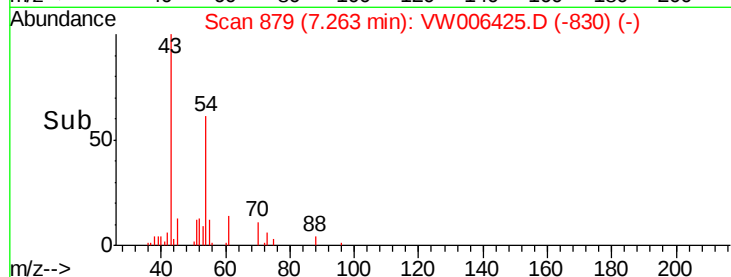
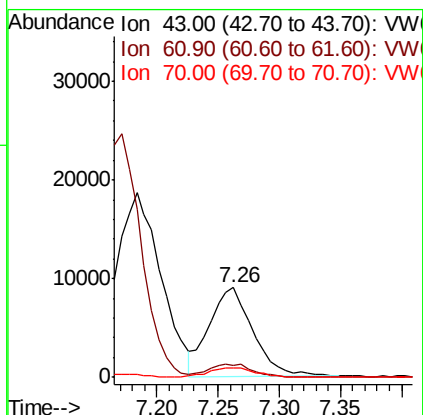
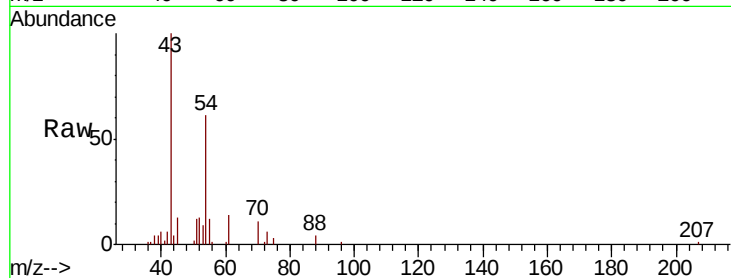
#37
Ethyl Acetate
Concen: 21.380 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	11.4	9.2	13.8

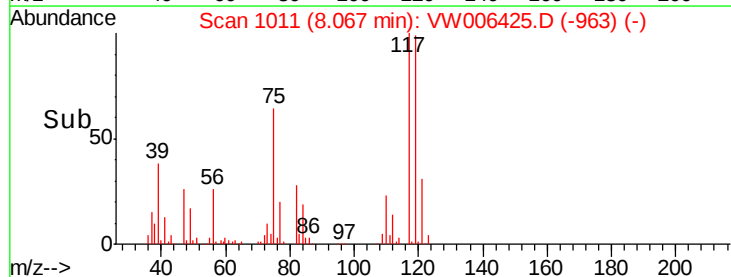
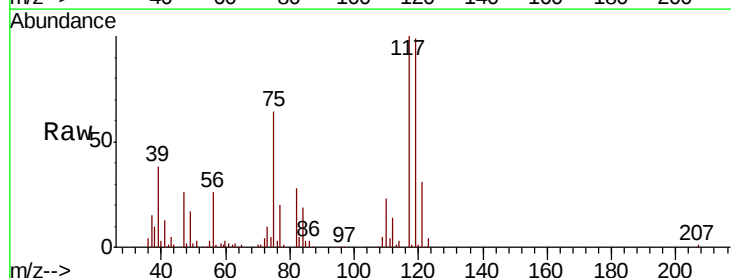
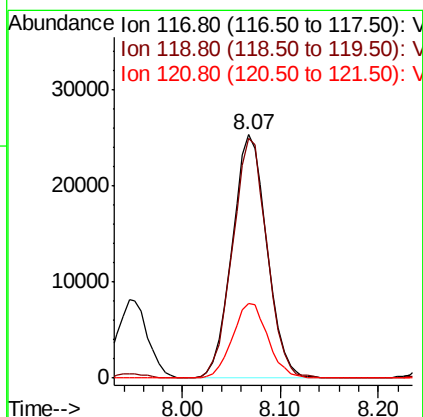
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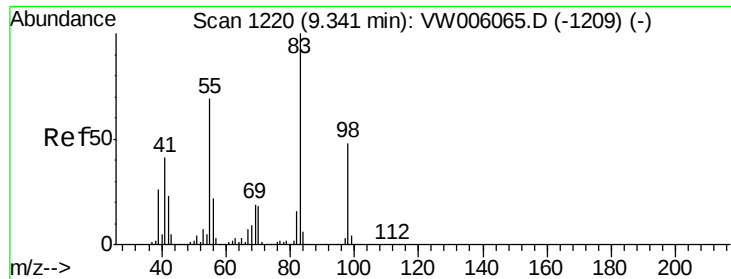
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#38
Carbon Tetrachloride
Concen: 20.294 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.2	112.8
121	30.7	25.3	37.9





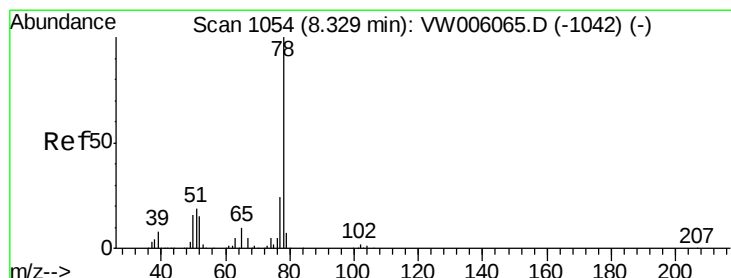
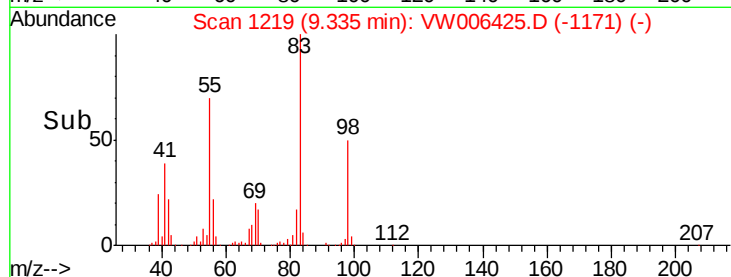
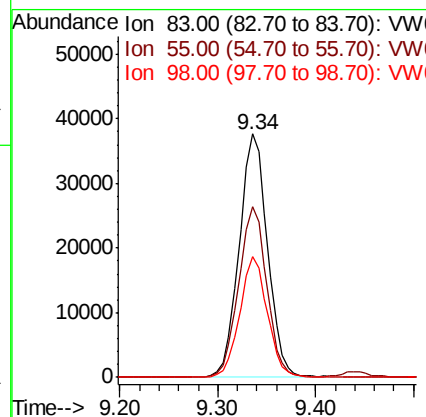
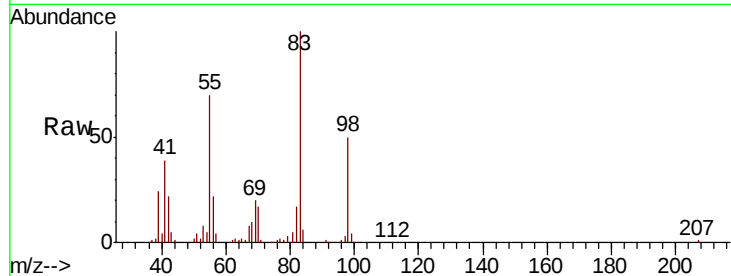
#39
Methvlcvclohexane
Concen: 20.351 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	55.0	82.6
98	49.6	38.6	57.8

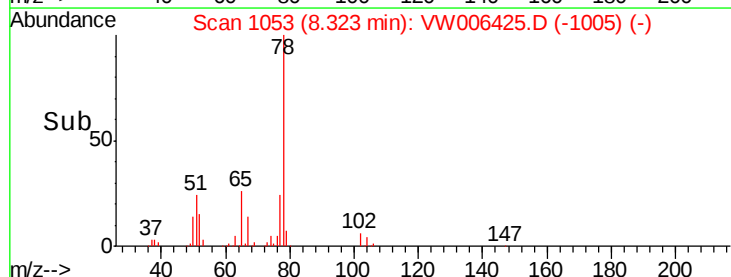
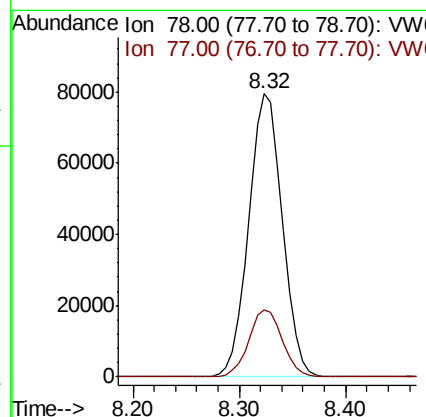
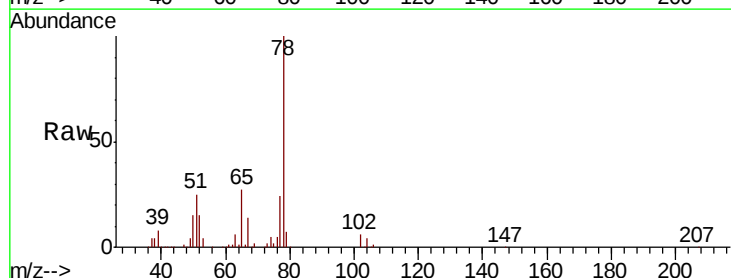
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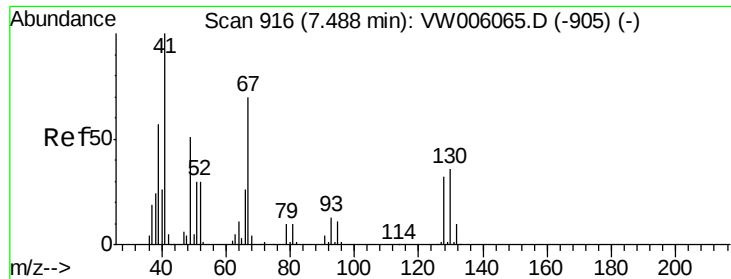
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#40
Benzene
Concen: 22.968 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





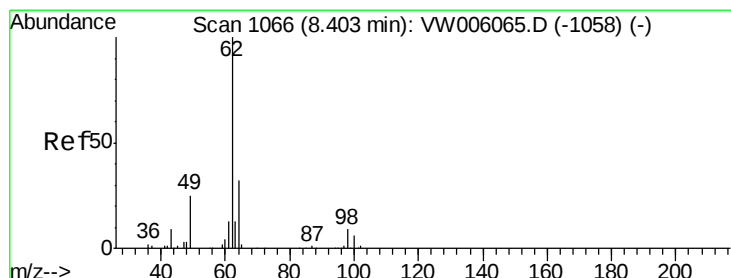
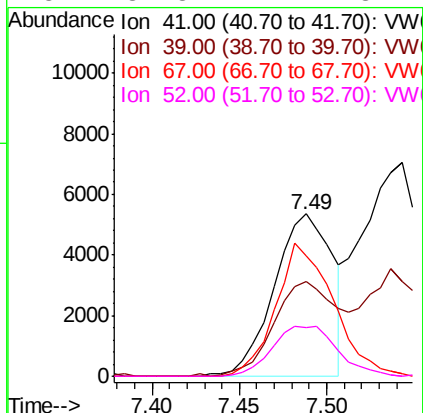
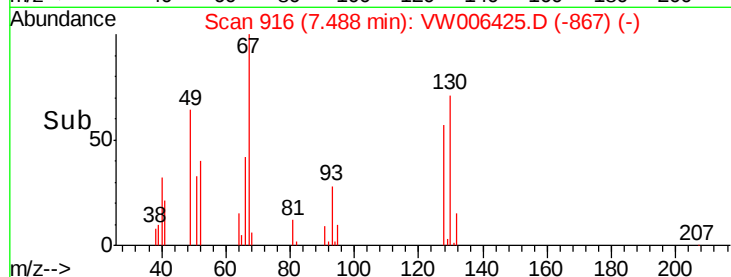
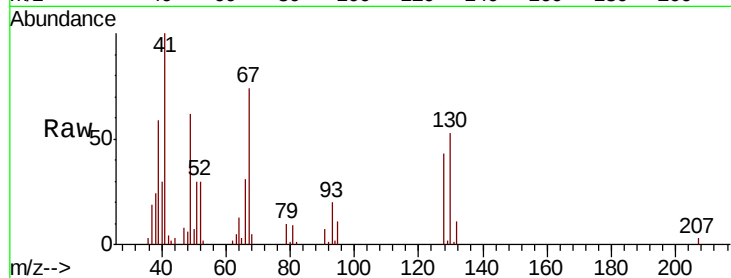
#41
Methacrylonitrile
Concen: 19.822 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.5	46.2	69.4
67	81.3	57.7	86.5
52	34.8	24.7	37.1

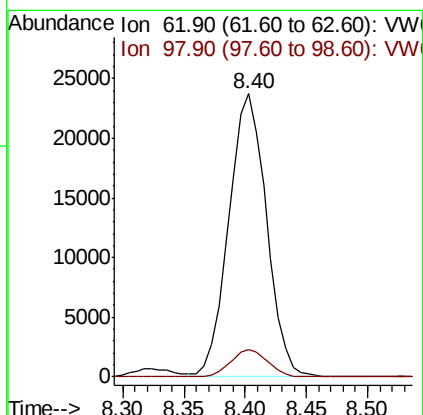
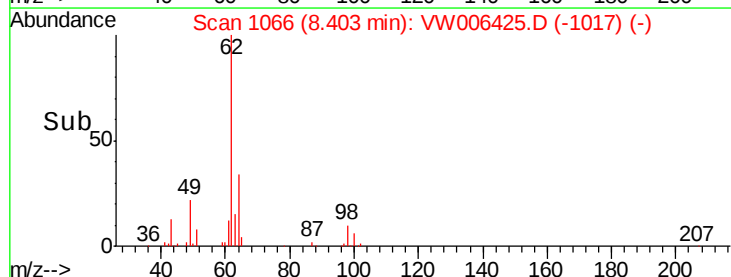
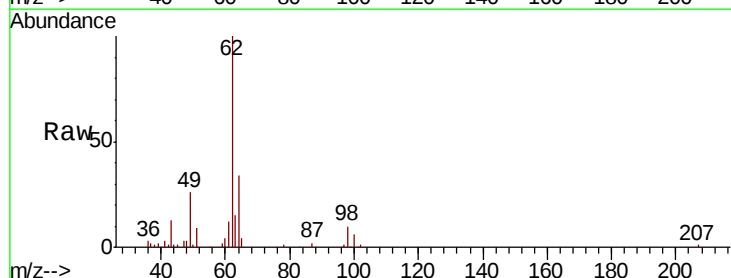
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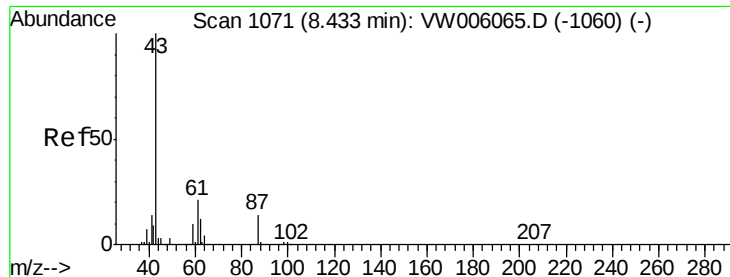
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#42
1,2-Dichloroethane
Concen: 22.488 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.500 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

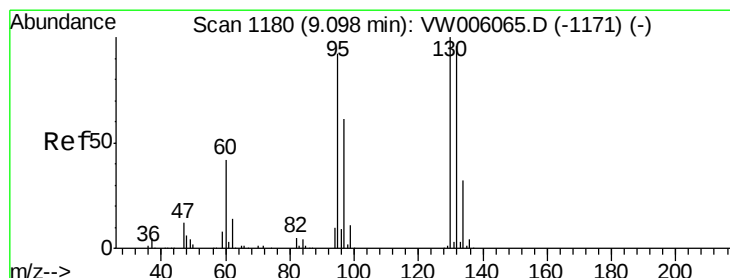
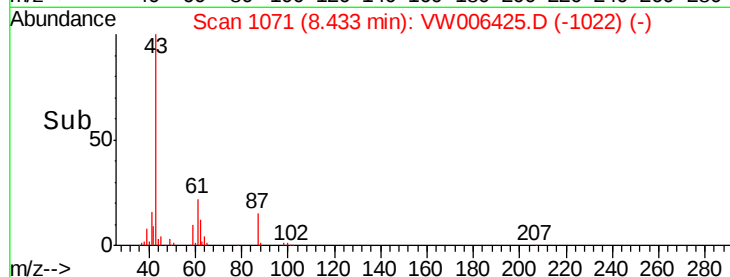
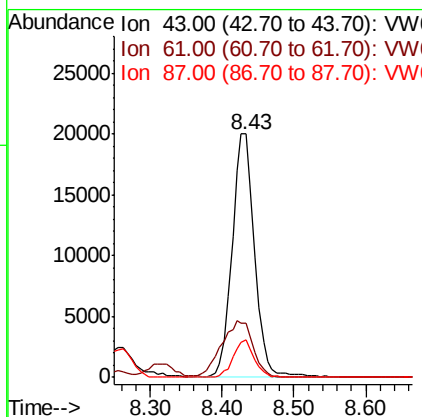
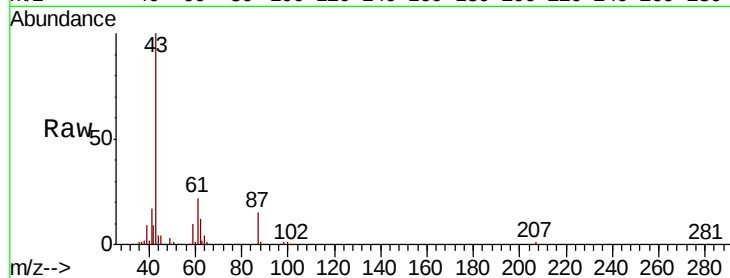
ClientSampleId :

VW1029SBS01

Tot Ion:	43	Resp:	43614
Ion	Ratio	Lower	Upper
43	100		
61	32.1	25.5	38.3
87	14.3	11.7	17.5

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#44

Trichloroethene

Concen: 22.648 ug/l

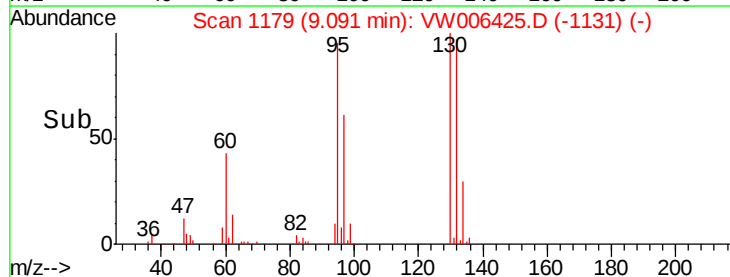
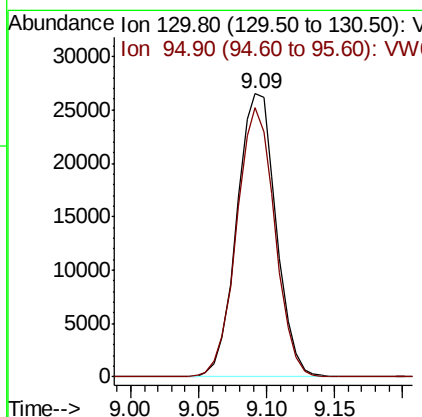
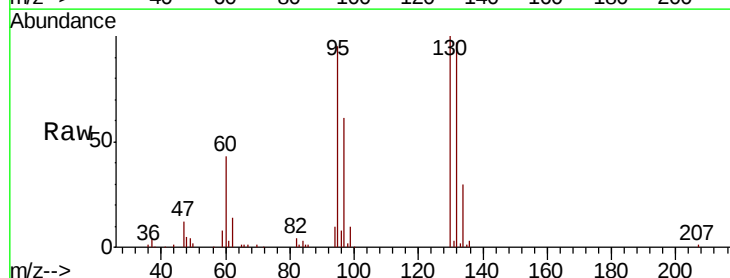
RT: 9.09 min Scan# 1179

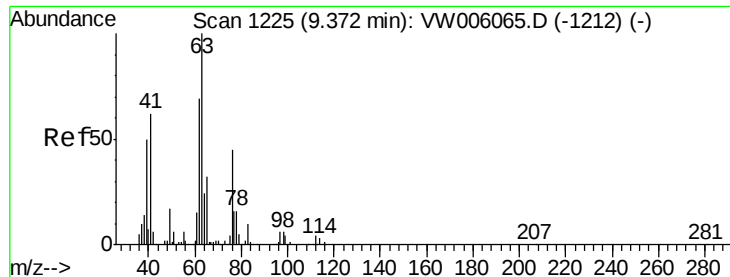
Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	130	Resp:	53380
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	183.2





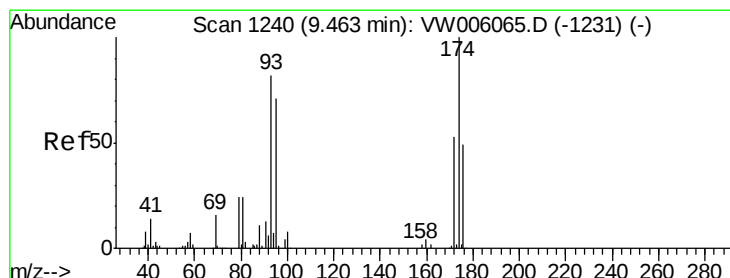
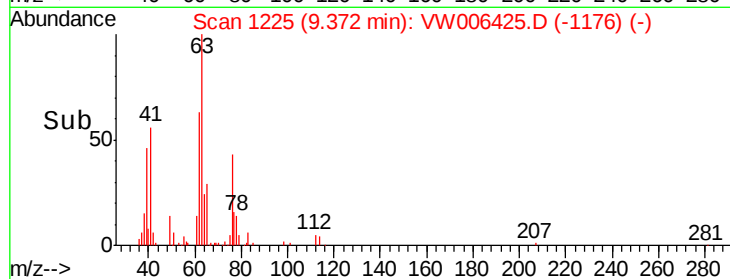
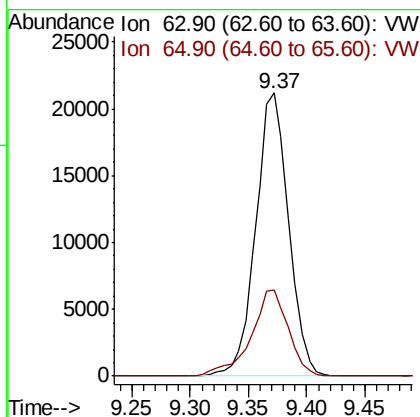
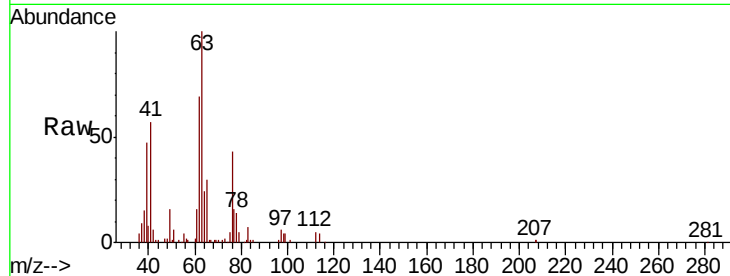
#45
 1,2-Dichloropropane
 Concen: 22.690 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	63	Resp	41711
Ion Ratio	Lower	Upper	
63	100		
65	30.3	25.4	38.0

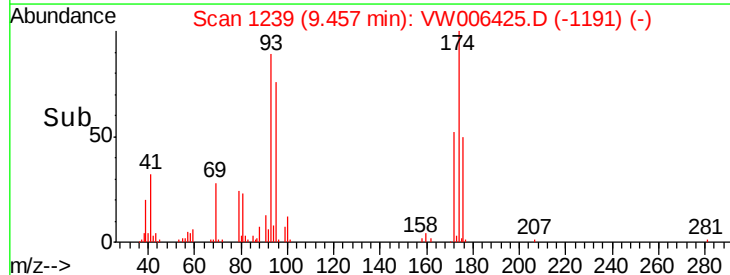
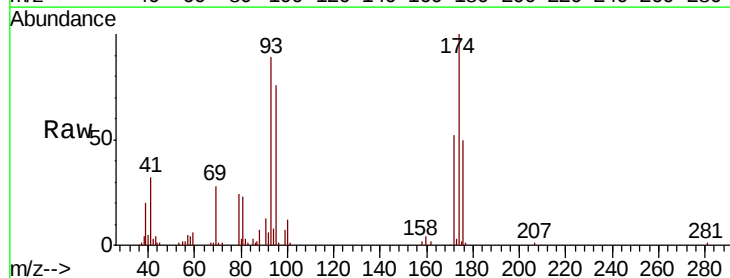
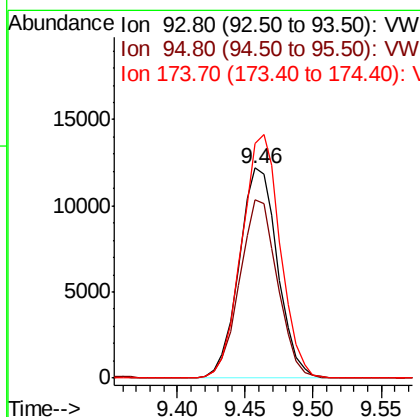
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#46
 Dibromomethane
 Concen: 23.072 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	93	Resp	24174
Ion Ratio	Lower	Upper	
93	100		
95	83.3	67.7	101.5
174	115.8	93.7	140.5





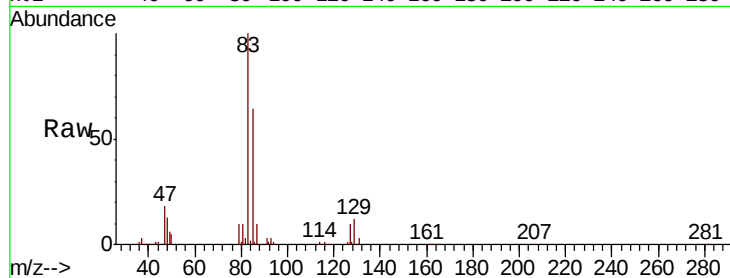
#47
Bromodichloromethane
Concen: 21.198 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

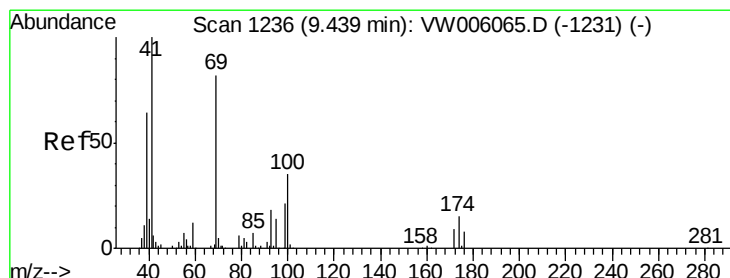
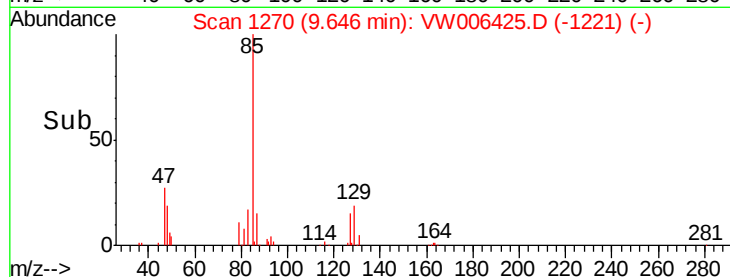
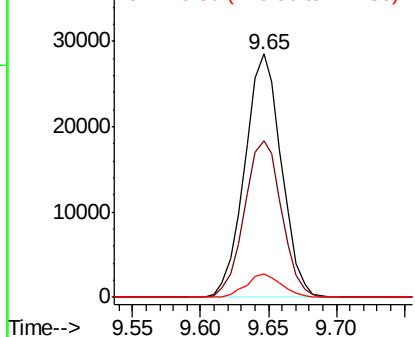
Tot Ion:	83	Resp:	53847
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.8
127	9.8	6.9	10.3

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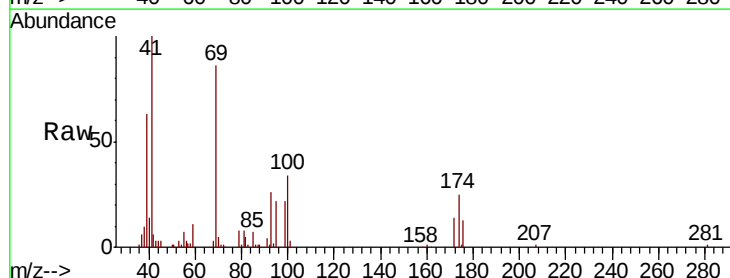


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

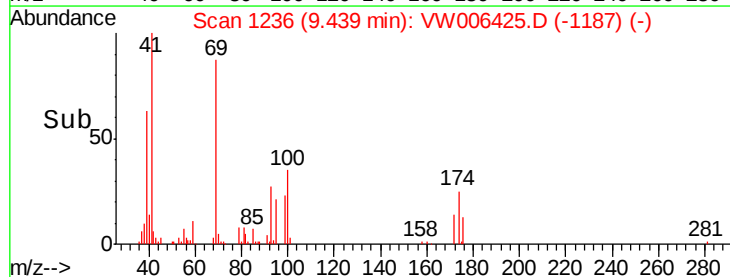
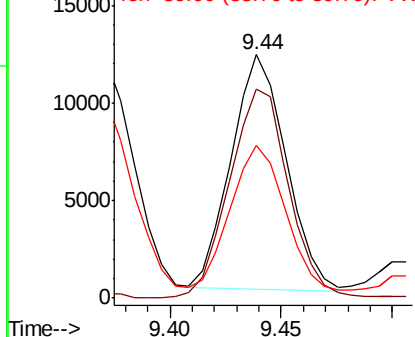


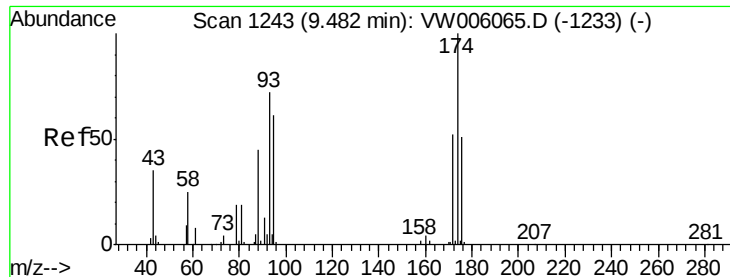
#48
Methyl methacrylate
Concen: 20.497 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion:	41	Resp:	20671
Ion	Ratio	Lower	Upper
41	100		
69	96.6	71.8	107.8
39	69.5	52.5	78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





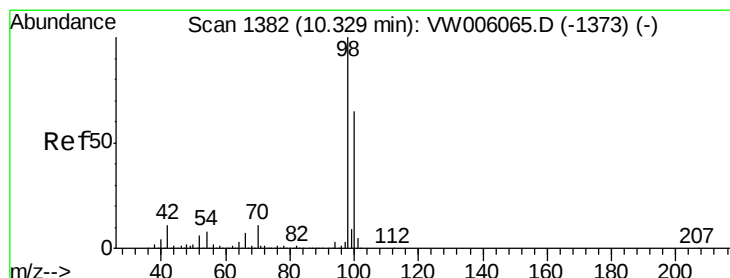
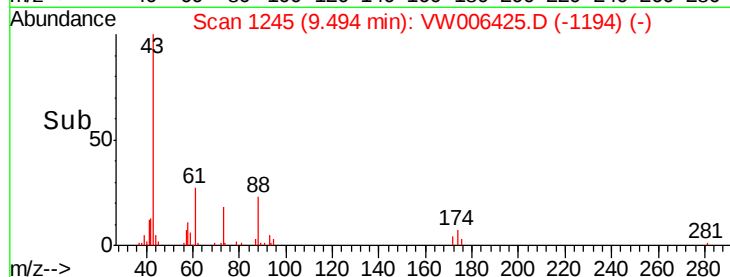
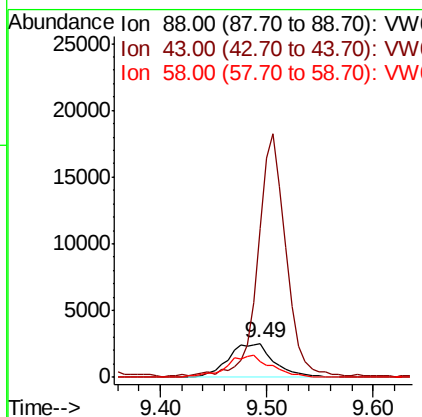
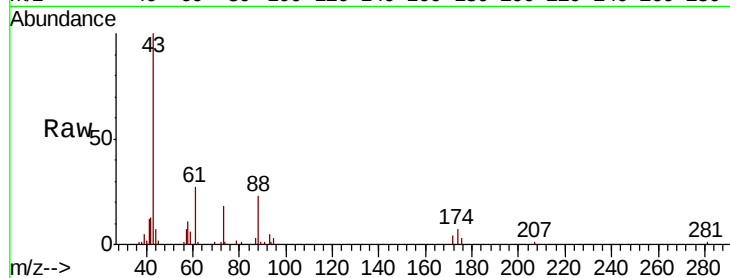
#49
1,4-Dioxane
Concen: 467.826 ug/l
RT: 9.49 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	455.5	0.0	0.0#
58	63.9	51.2	76.8

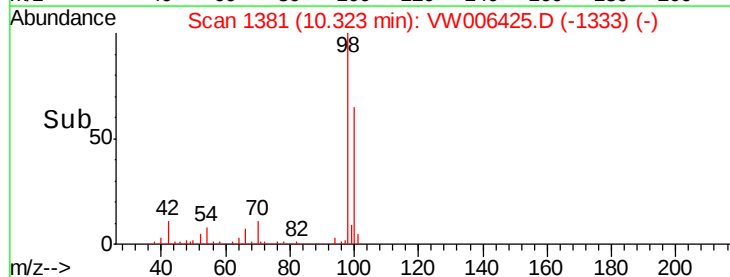
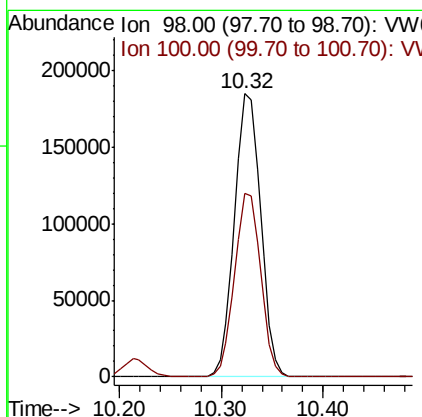
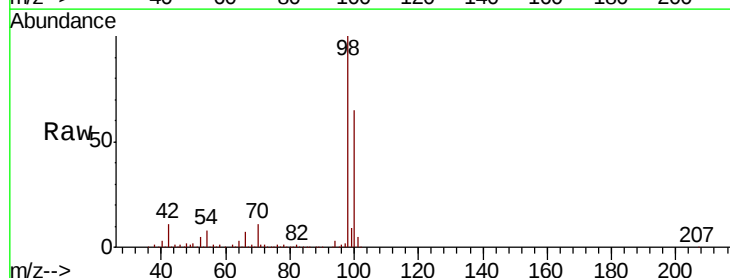
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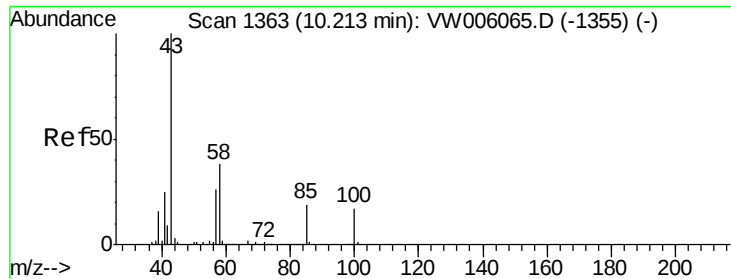
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#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 105.926 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 112915

Ion Ratio Lower Upper

43 100

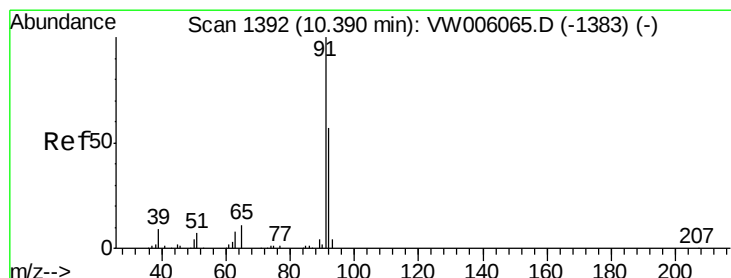
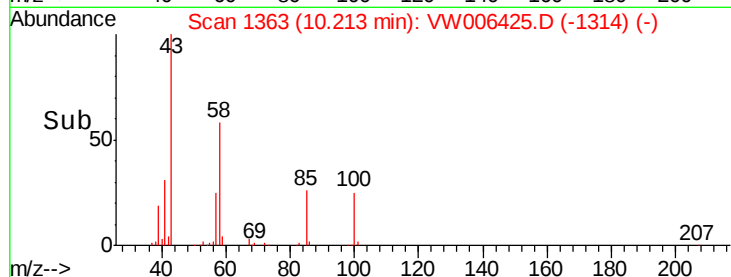
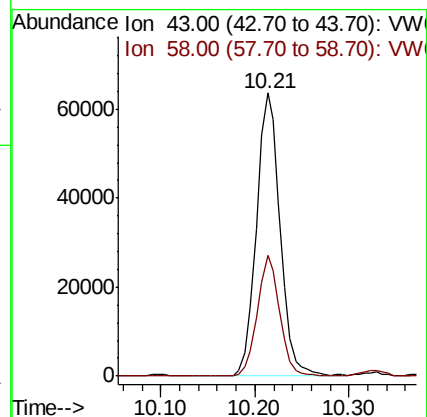
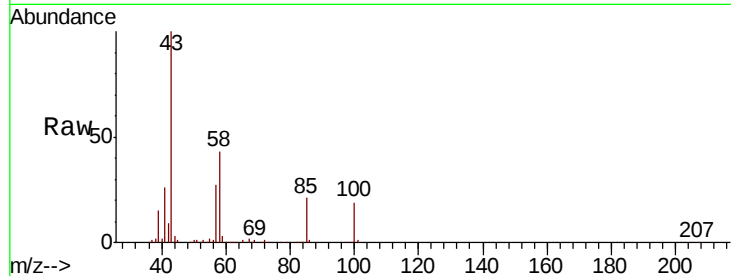
58 40.4 31.5 47.3

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#52

Toluene

Concen: 22.705 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006425.D

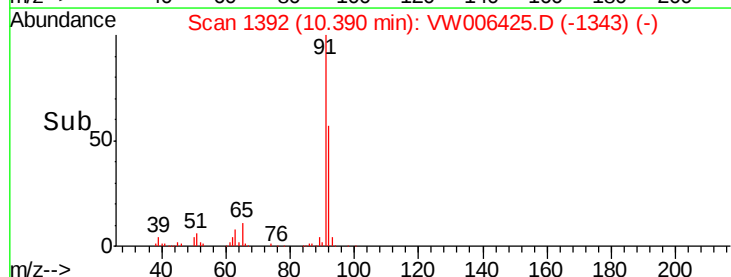
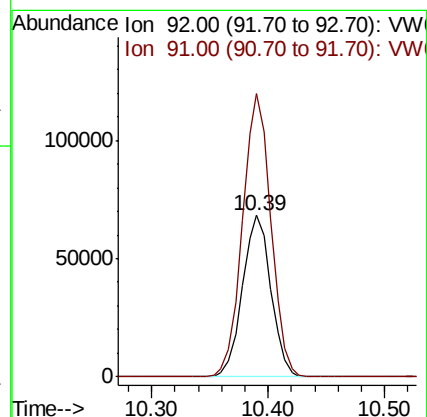
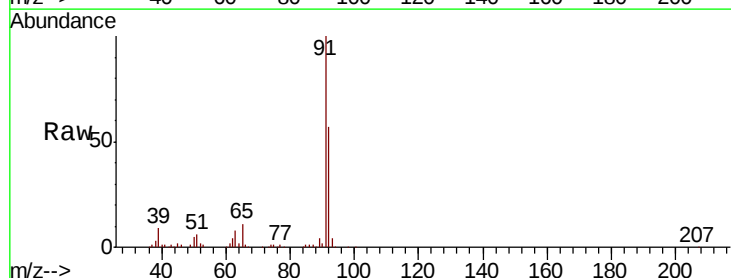
Acq: 27 Oct 2018 02:15

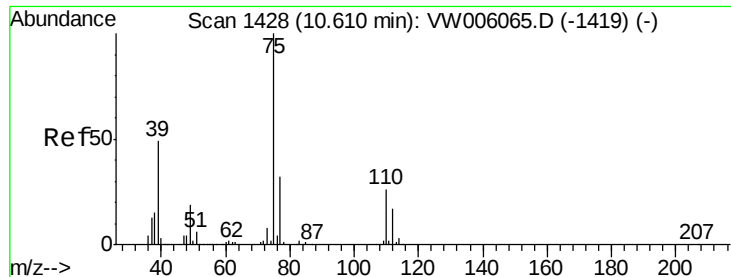
Tgt Ion: 92 Resp: 116941

Ion Ratio Lower Upper

92 100

91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.080 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBSD01

Tot Ion: 75 Resp: 50821

Ion Ratio Lower Upper

75 100

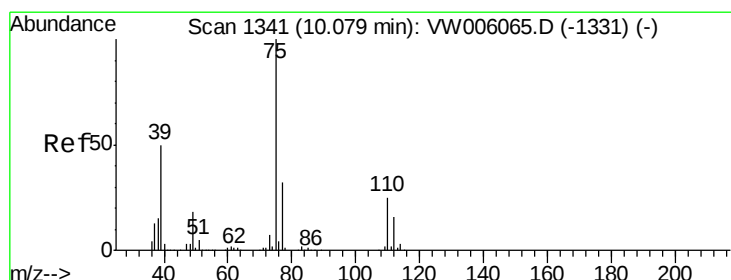
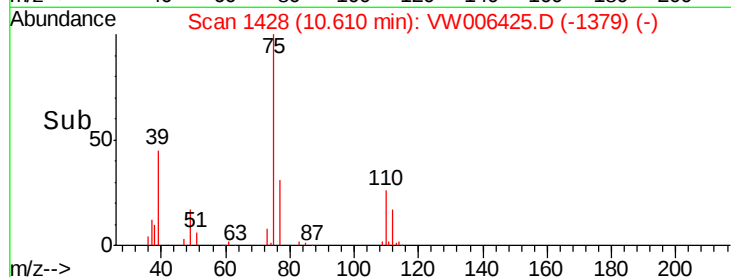
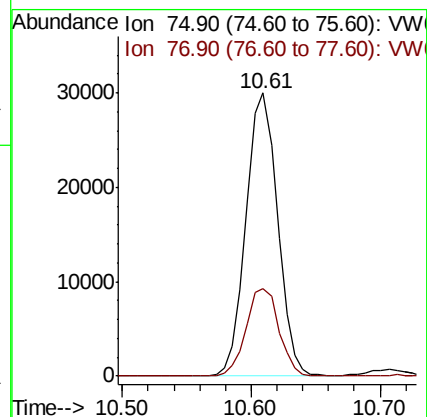
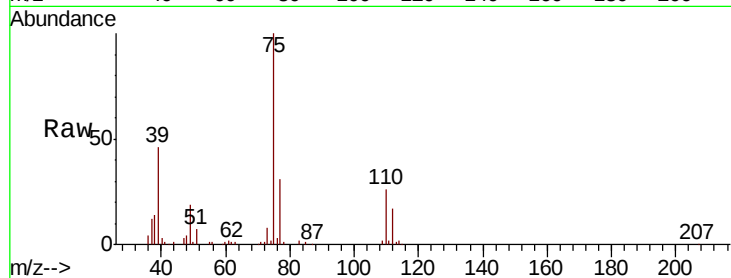
77 30.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.682 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

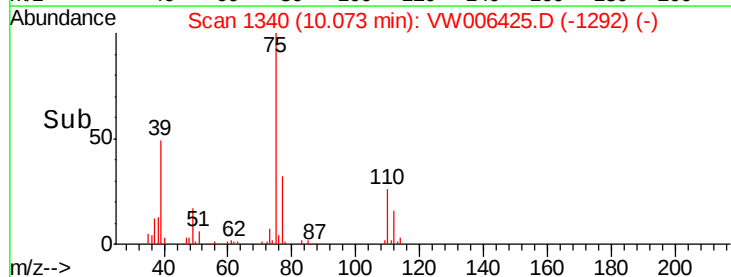
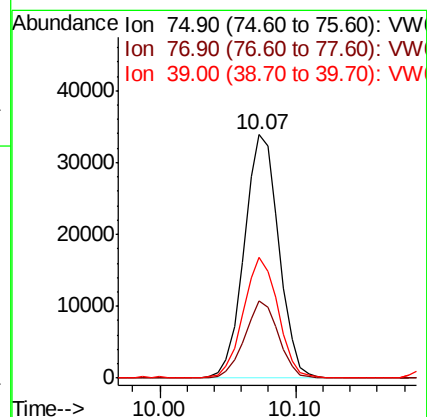
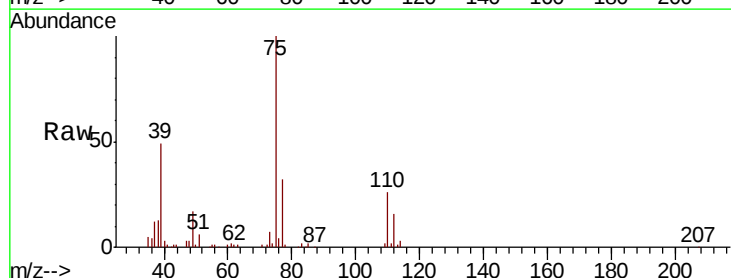
Tgt Ion: 75 Resp: 60074

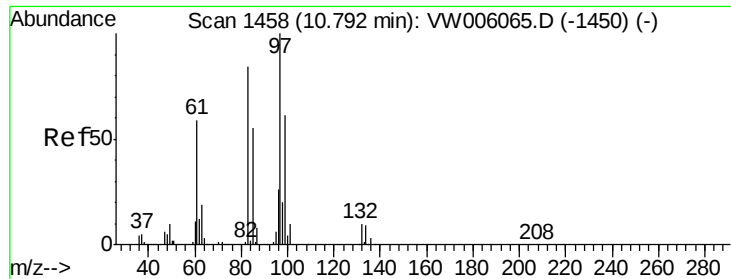
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 49.5 39.9 59.9





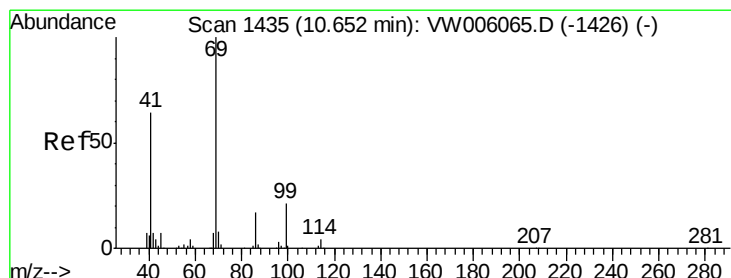
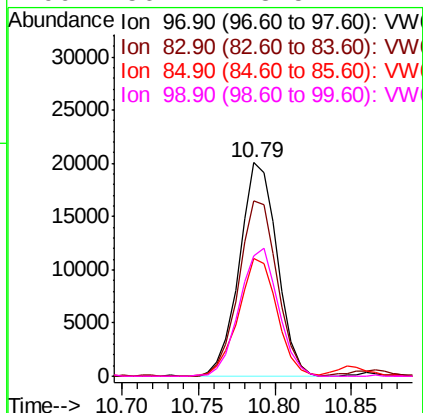
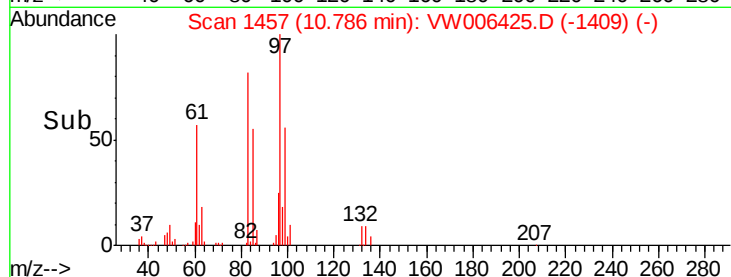
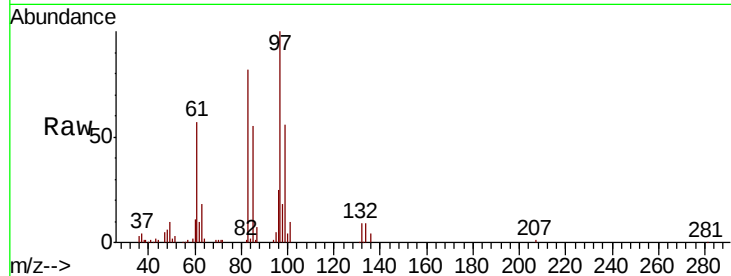
#55
 1,1,2-Trichloroethane
 Concen: 23.516 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion:	97	Resp:	34480
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.2	100.8
85	55.4	43.7	65.5
99	56.1	48.5	72.7

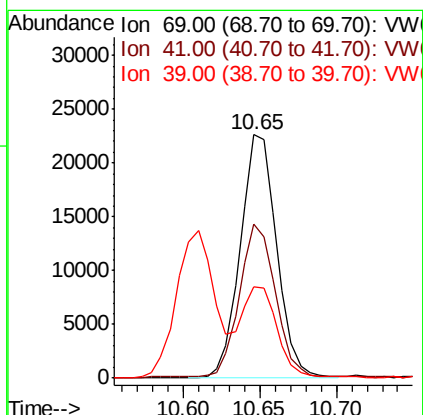
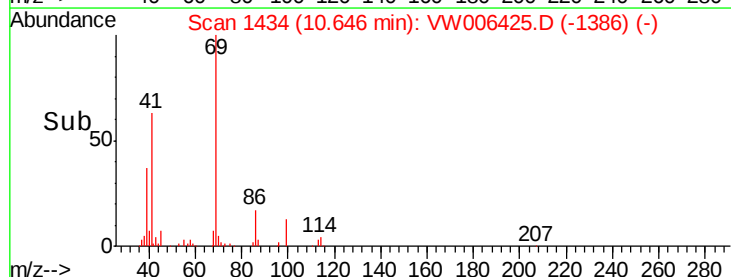
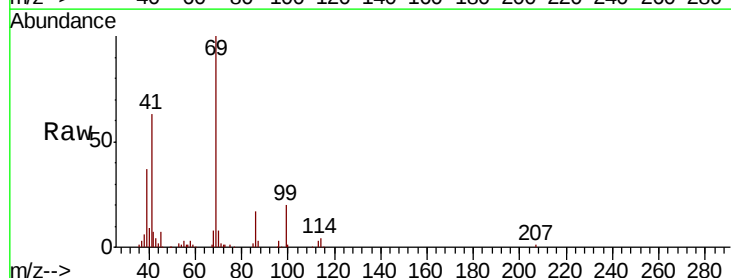
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#56
 Ethyl methacrylate
 Concen: 20.817 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion:	69	Resp:	37418
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.8	79.2
39	38.9	30.6	45.8





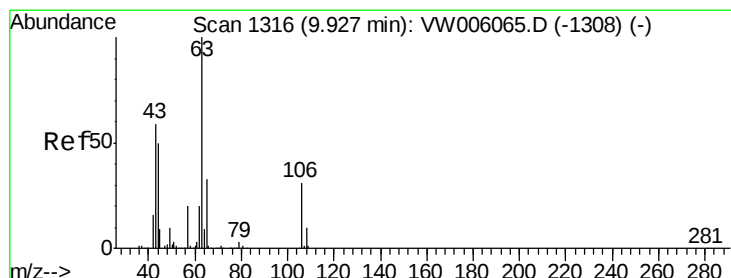
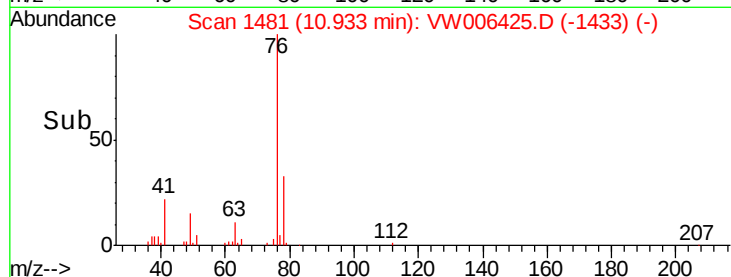
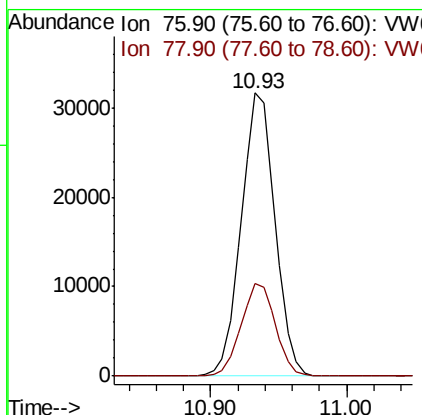
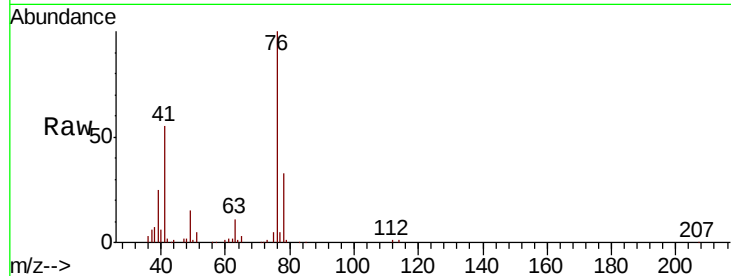
#57
 1,3-Dichloropropane
 Concen: 22.656 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

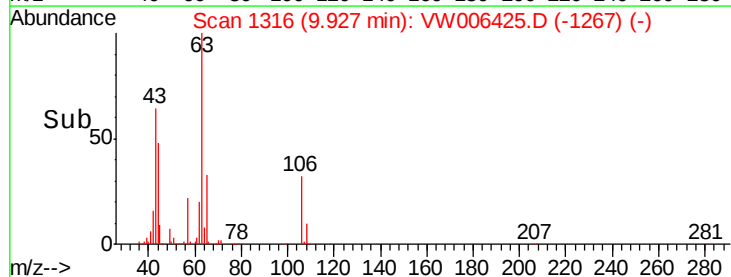
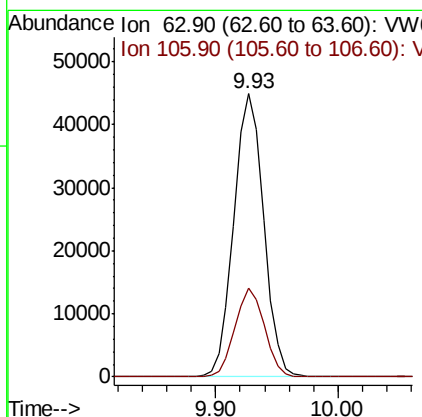
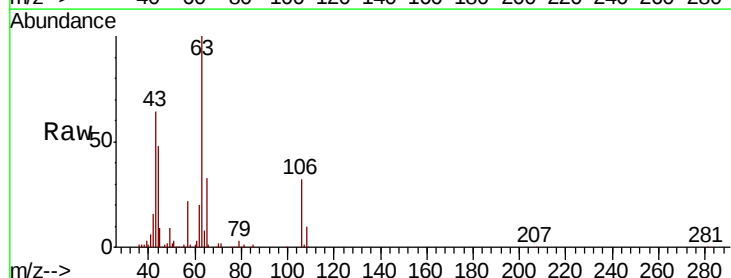
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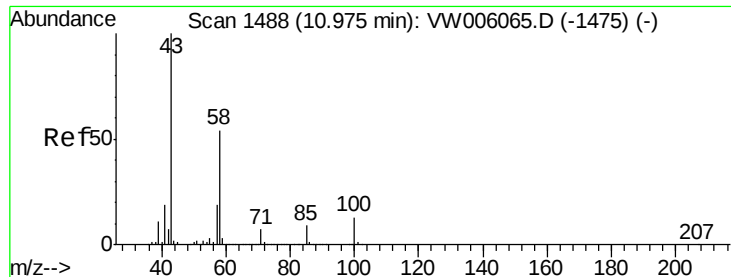
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.082 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	24.5	36.7





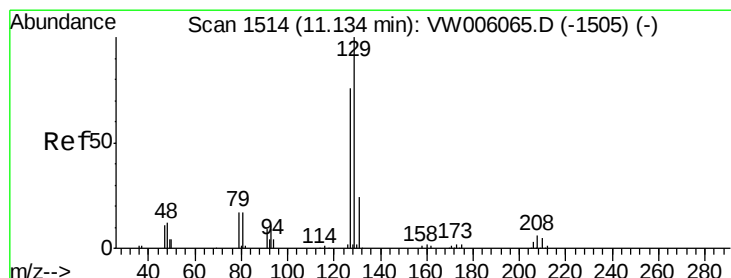
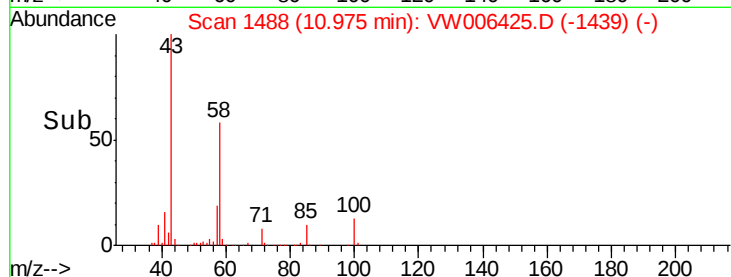
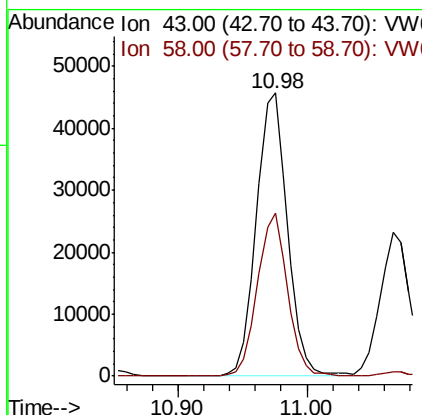
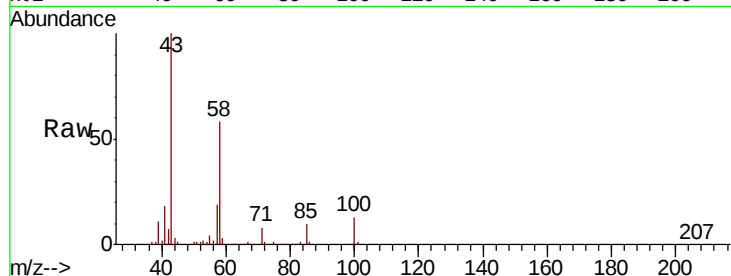
#59
2-Hexanone
Concen: 99.788 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion: 43 Resp: 75932
Ion Ratio Lower Upper
43 100
58 55.7 26.9 80.6

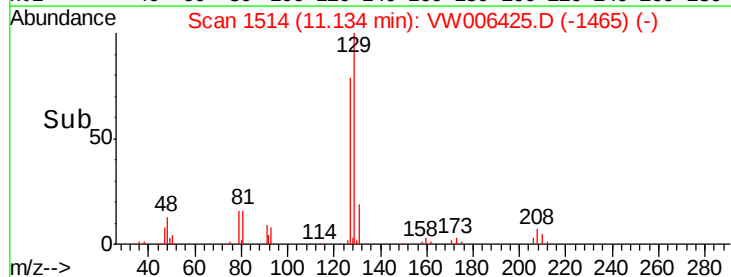
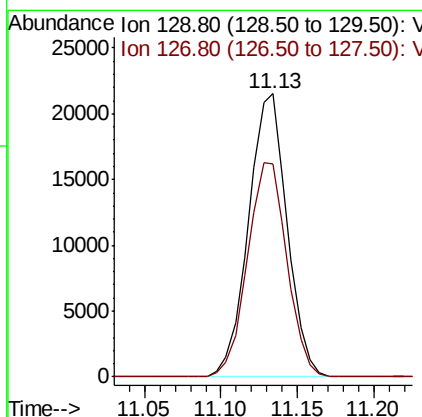
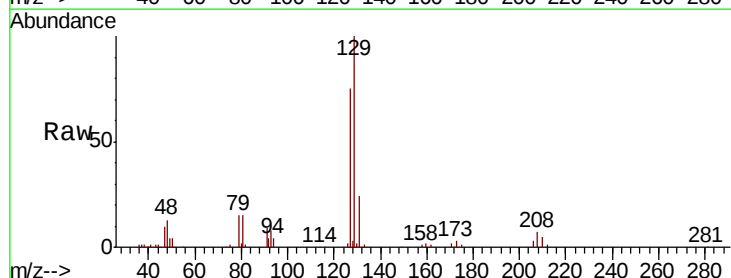
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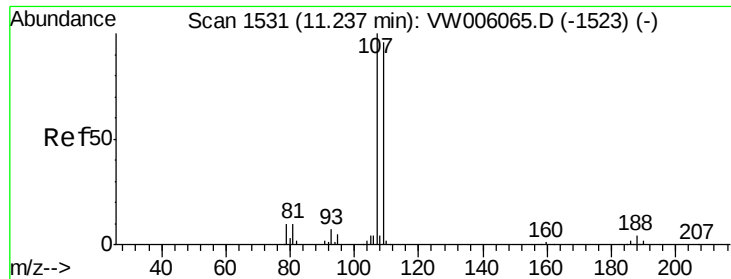
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#60
Dibromochloromethane
Concen: 20.686 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion: 129 Resp: 37780
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





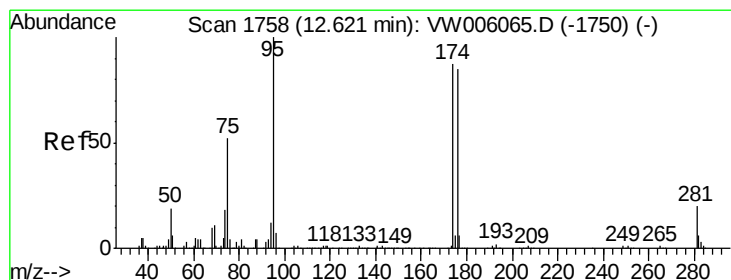
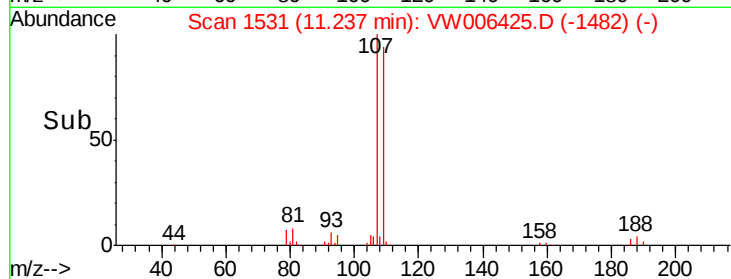
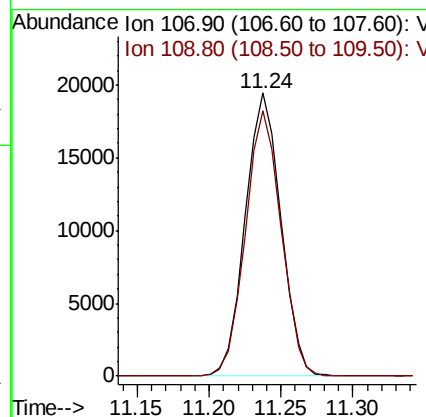
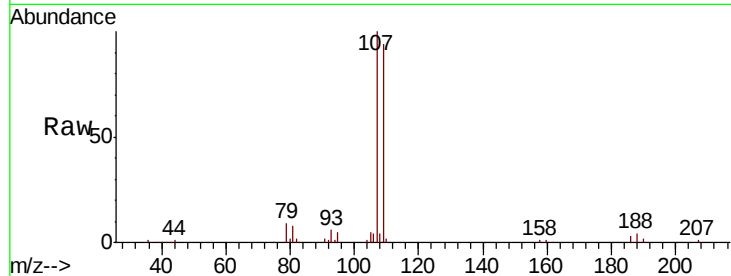
#61
 1,2-Dibromoethane
 Concen: 22.724 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.3	114.5

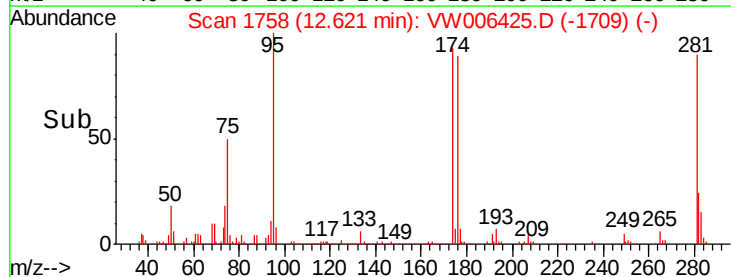
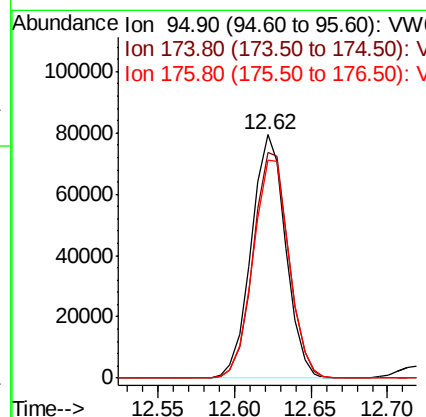
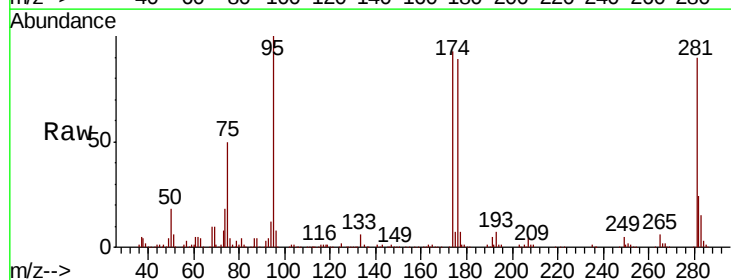
Manual Integrations
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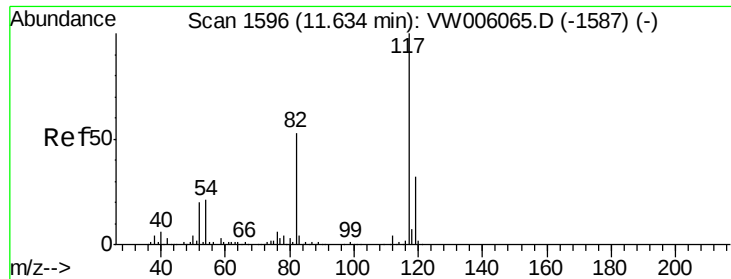
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.437 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	186.0
176	93.9	0.0	181.6





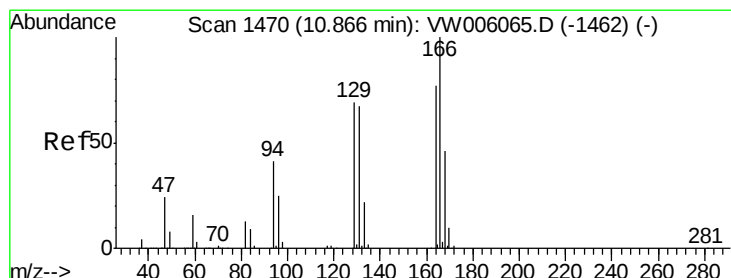
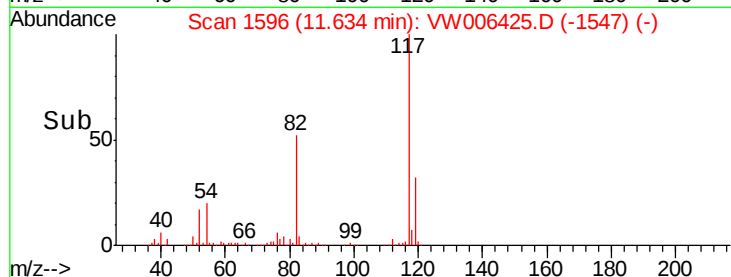
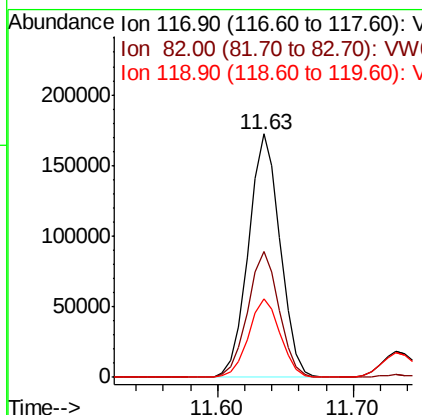
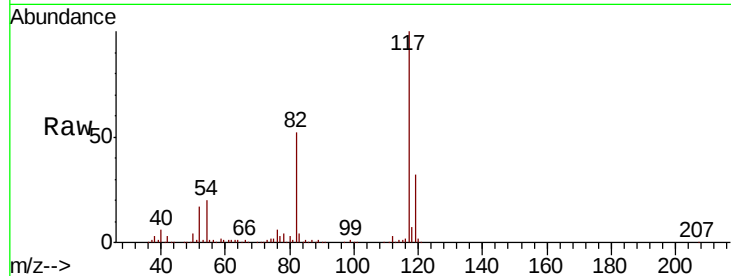
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	280955		
82	51.6		42.1	63.1
119	32.0		25.8	38.6

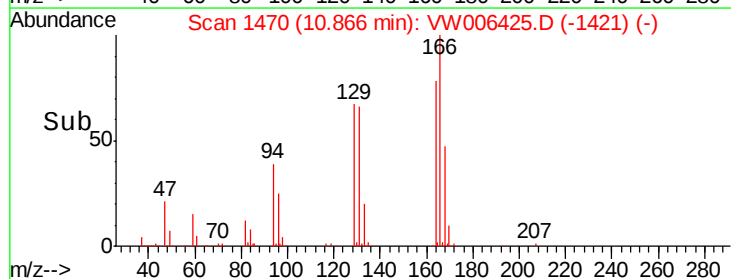
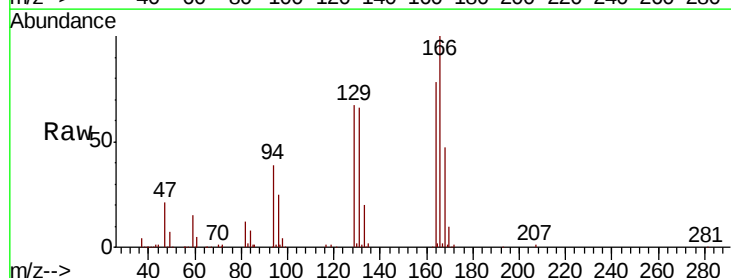
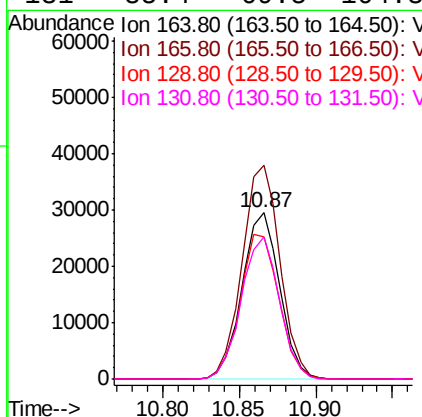
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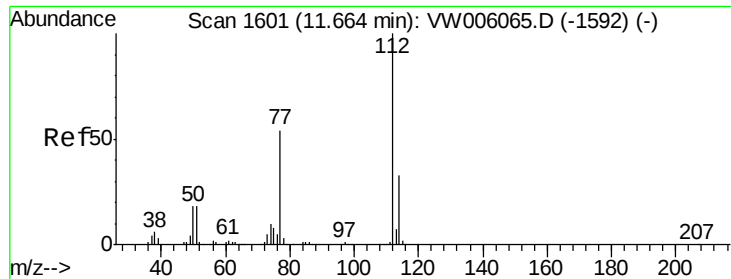
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#64
Tetrachloroethene
Concen: 23.085 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50349		
166	128.8		103.4	155.0
129	85.9		71.8	107.8
131	85.4		69.5	104.3





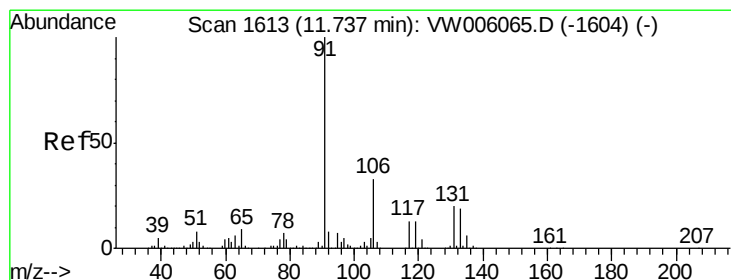
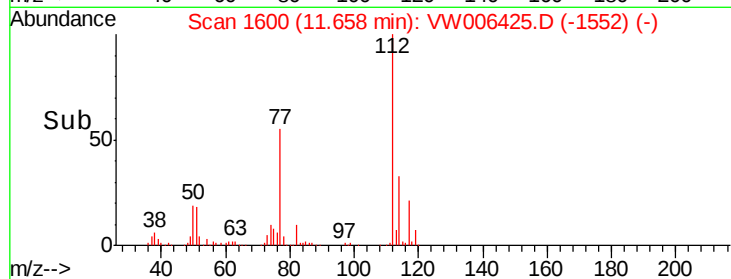
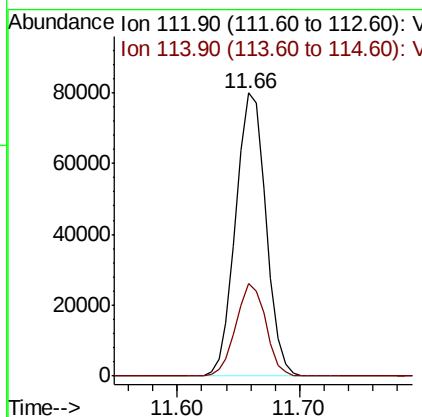
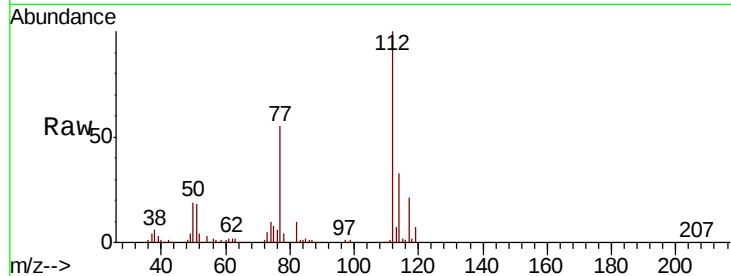
#65
Chlorobenzene
Concen: 22.750 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2

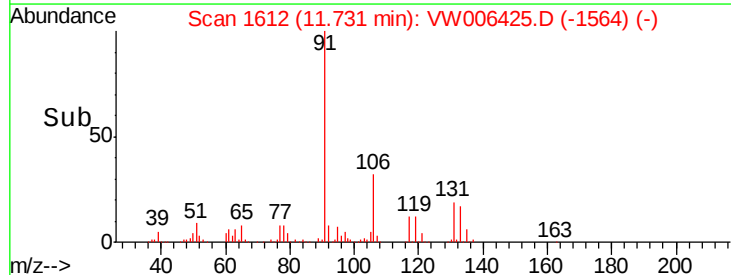
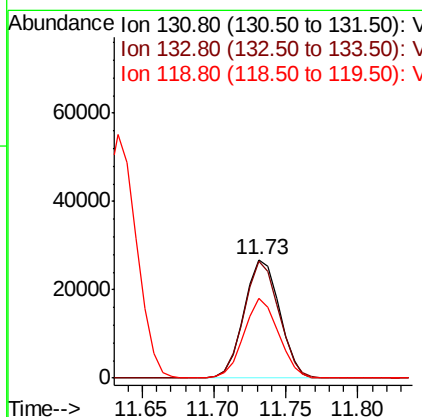
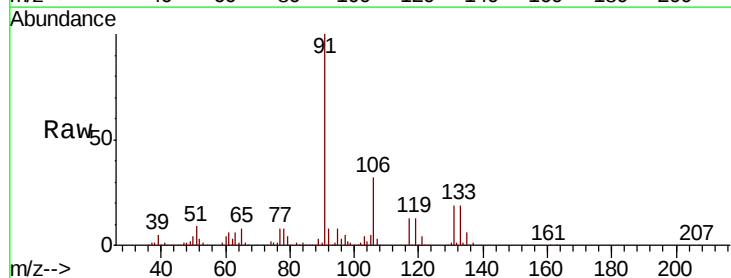
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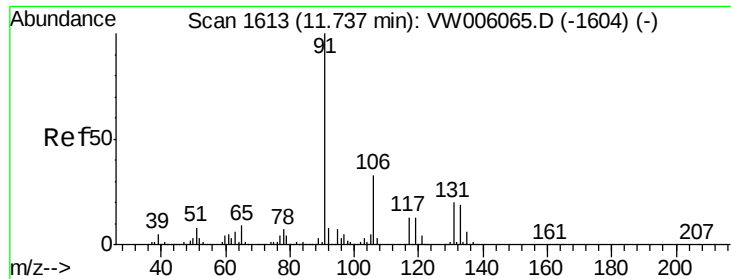
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.465 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.1	144.3
119	65.0	31.6	94.7





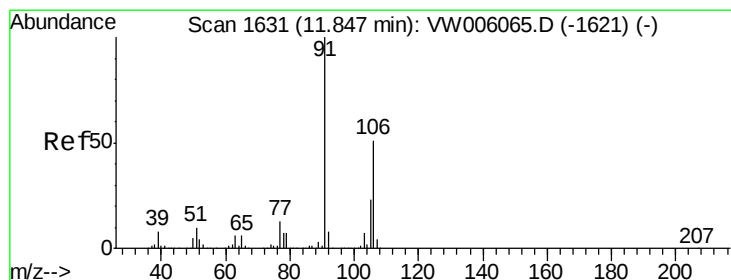
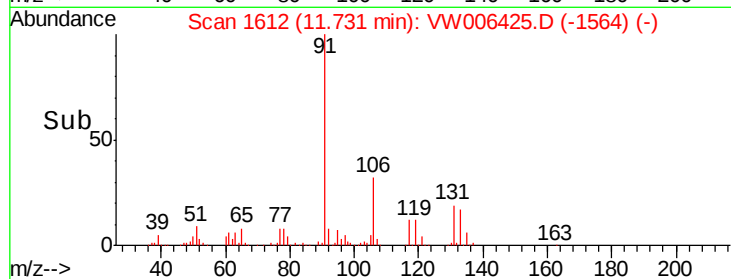
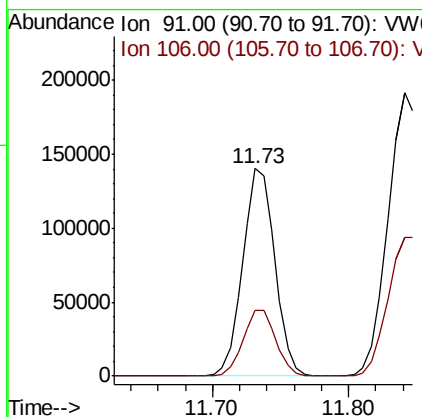
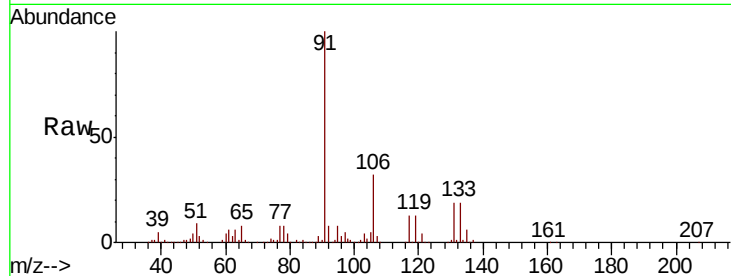
#67
Ethyl Benzene
Concen: 22.210 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion: 91 Resp: 231495
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1

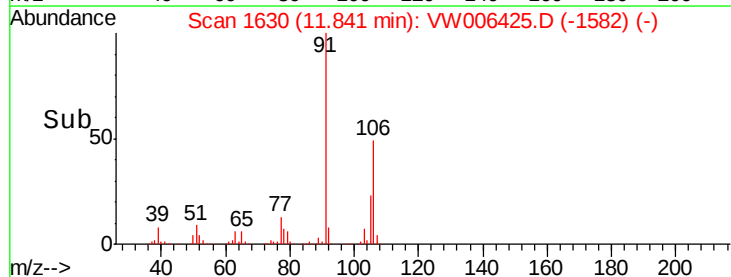
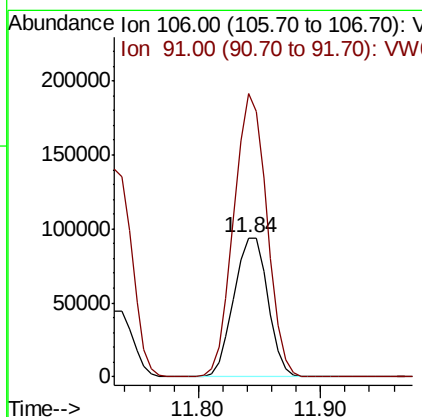
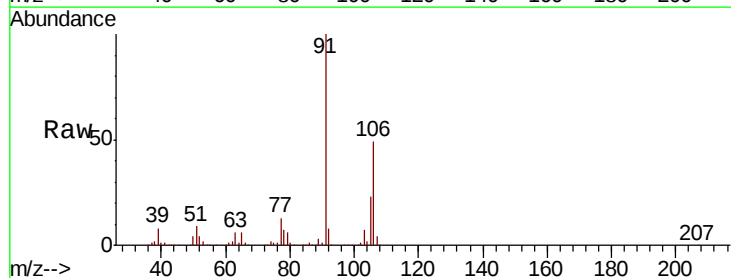
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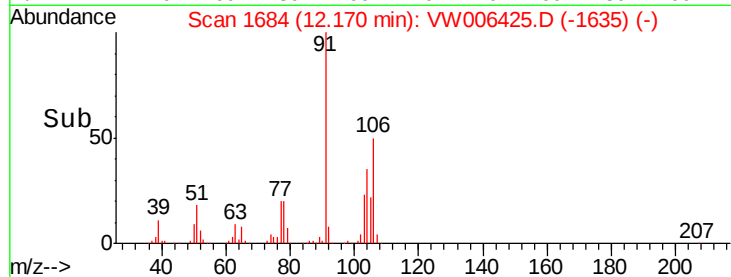
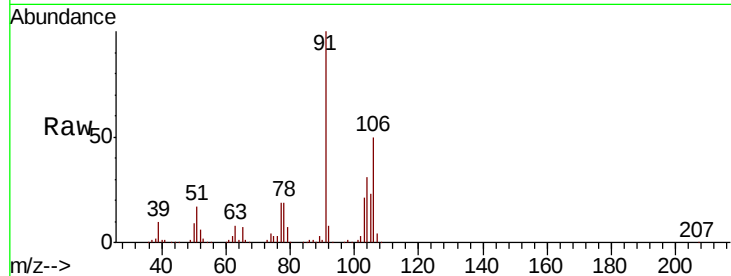
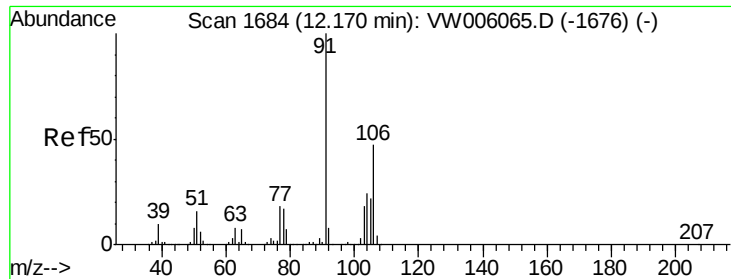
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#68
m/p-Xylenes
Concen: 44.133 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion: 106 Resp: 181818
Ion Ratio Lower Upper
106 100
91 197.5 159.1 238.7





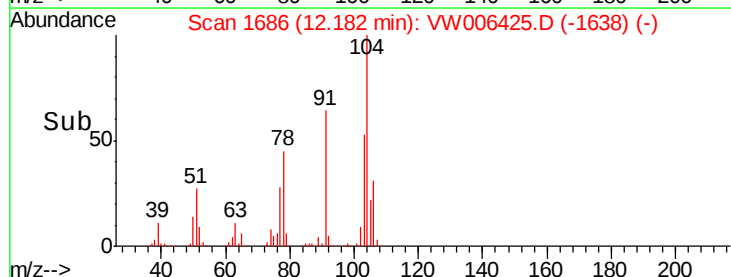
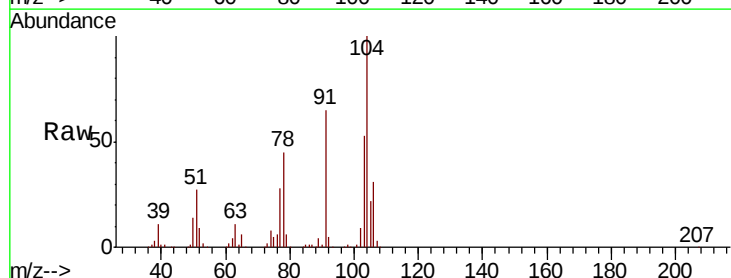
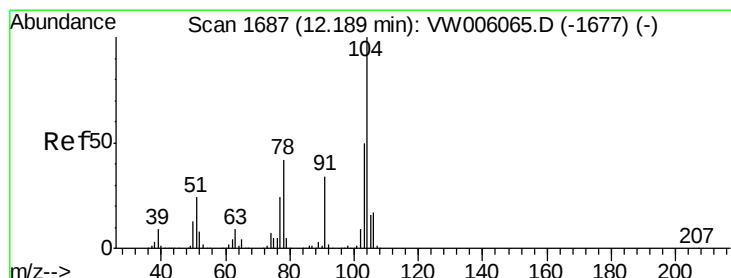
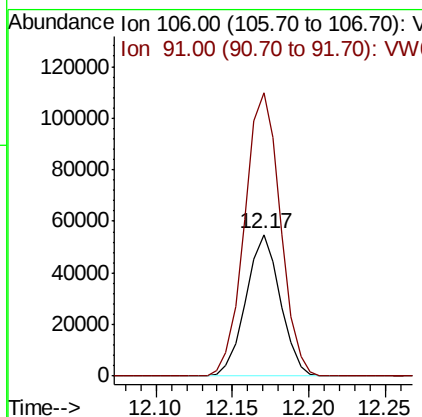
#69
o-Xylene
Concen: 21.874 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tot Ion:106 Resp: 85885
Ion Ratio Lower Upper
106 100
91 207.9 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

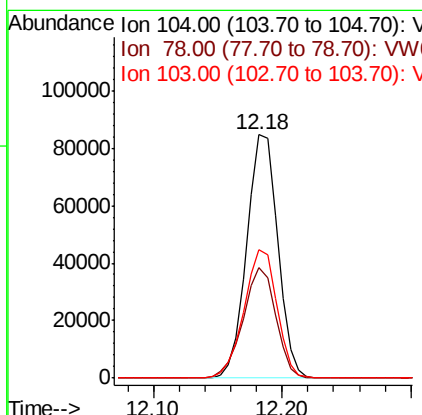
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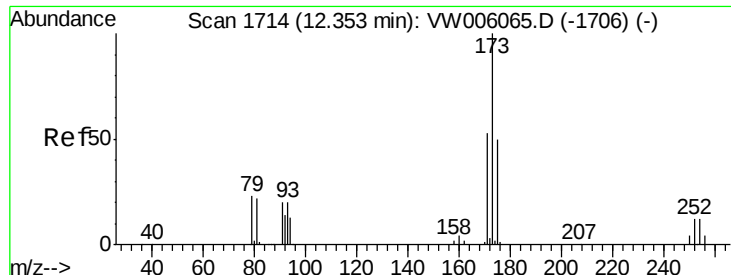
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#70
Styrene
Concen: 22.064 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion:104 Resp: 140874
Ion Ratio Lower Upper
104 100
78 47.8 39.1 58.7
103 55.9 44.3 66.5





#71

Bromoform

Concen: 19.032 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

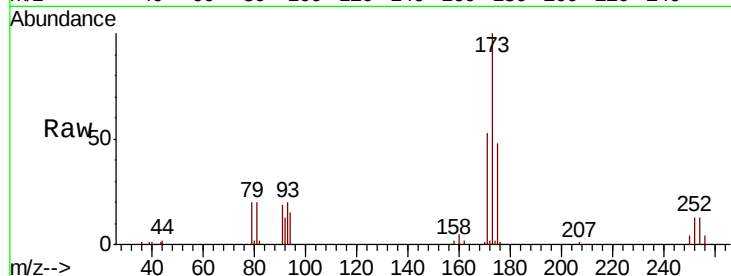
ClientSampleId :

VW1029SBSD01

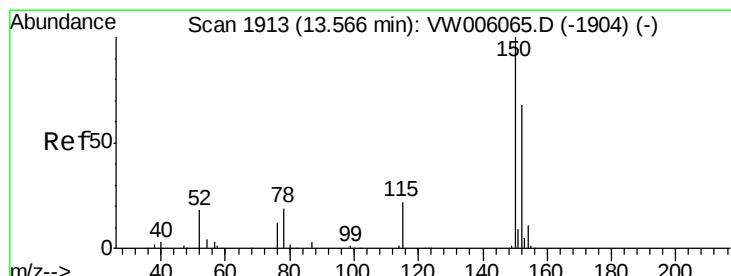
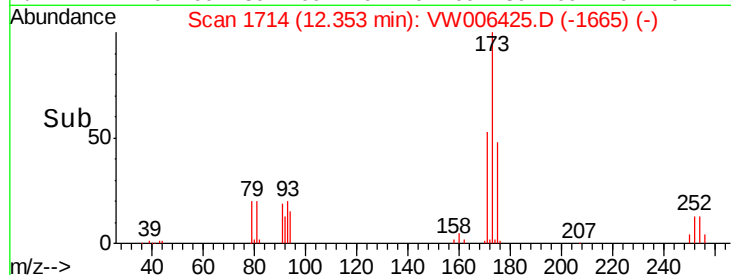
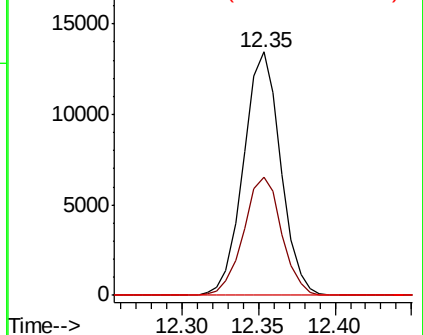
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.0	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

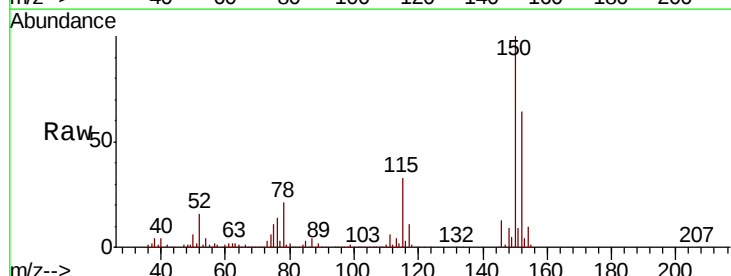
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

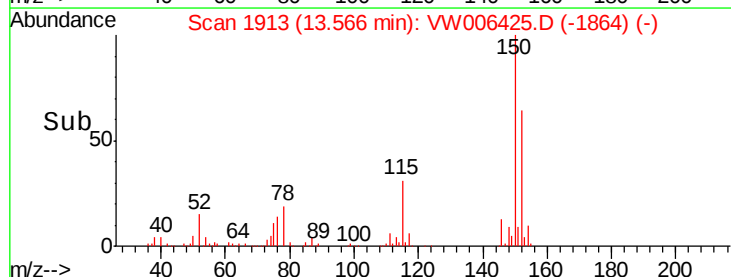
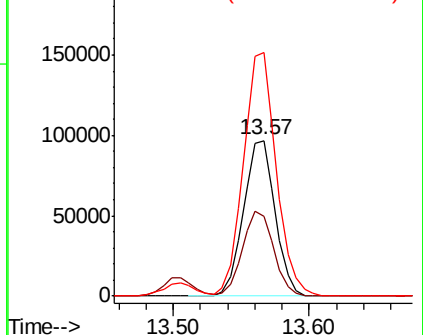
Lab File: VW006425.D

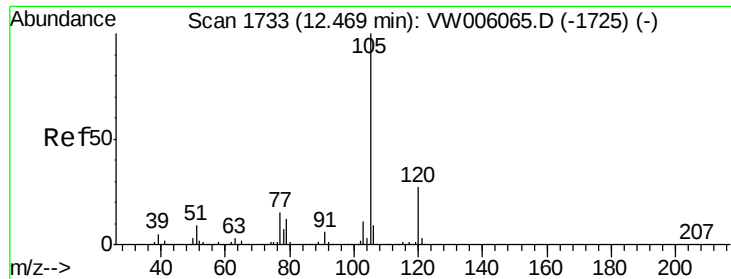
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.8	83.3
150	163.0	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





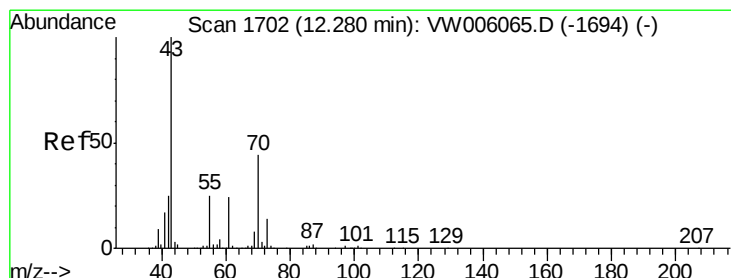
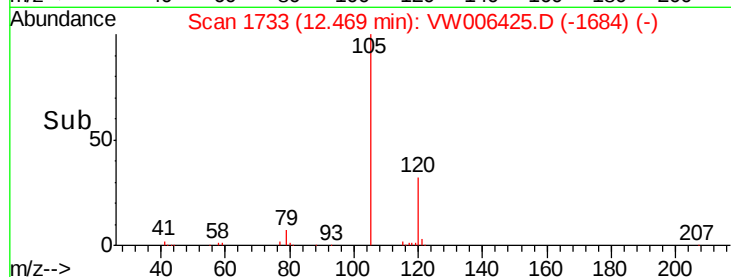
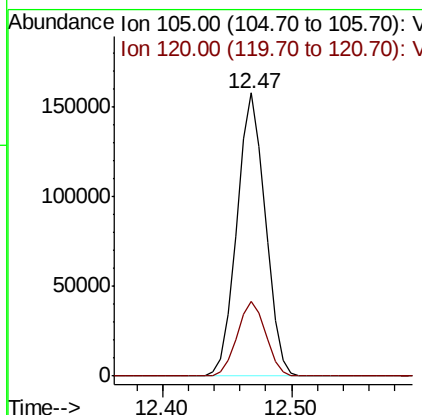
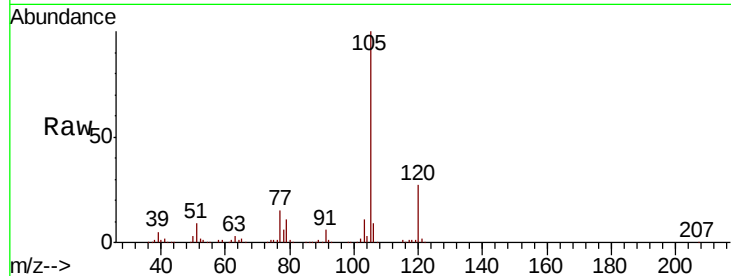
#73
Isopropylbenzene
Concen: 21.792 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.7

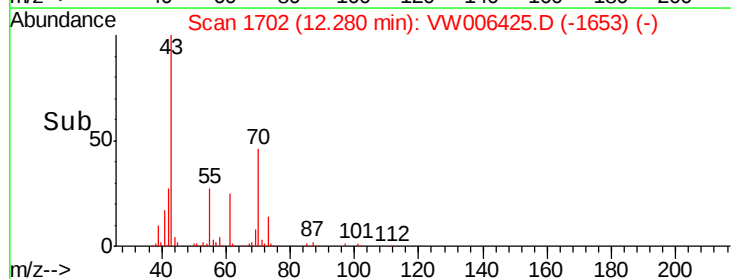
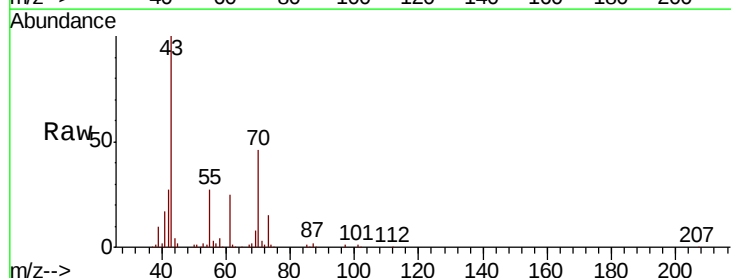
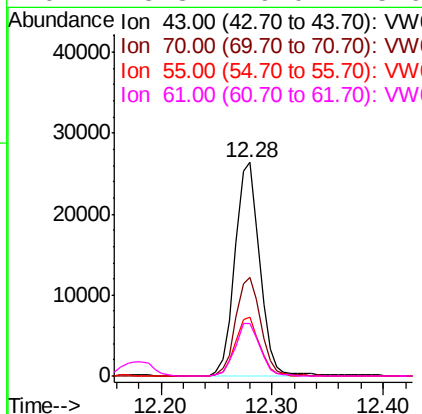
Manual Integrations
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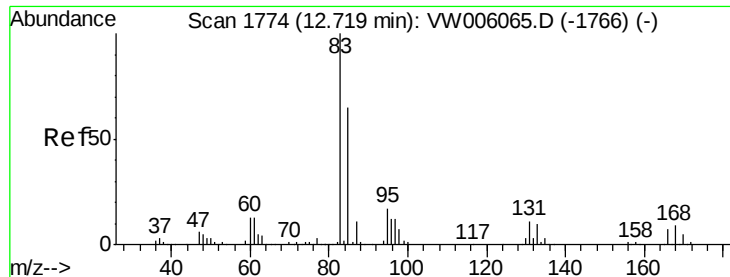
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#74
N-ethyl acetate
Concen: 18.993 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.7	34.2	51.4
55	27.0	19.2	28.8
61	25.3	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.538 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

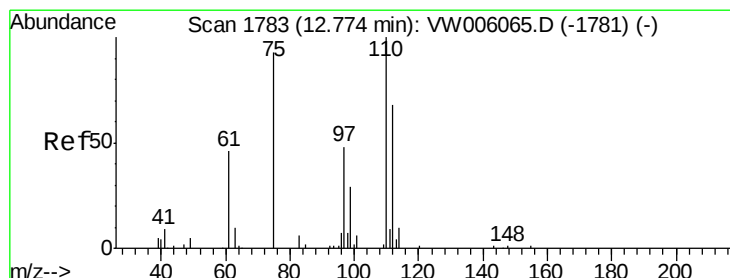
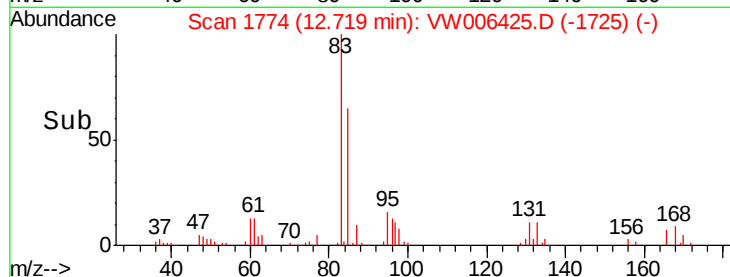
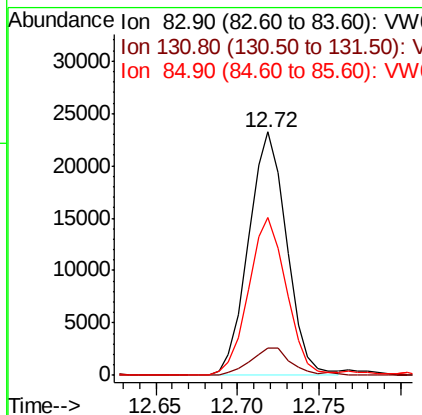
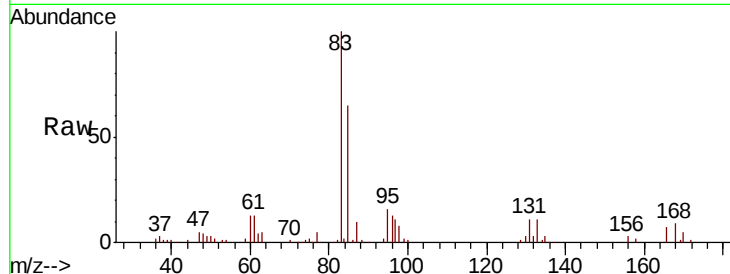
ClientSampleId :

VW1029SBS01

Tot Ion:	83	Resp:	37903
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 24.412 ug/l m

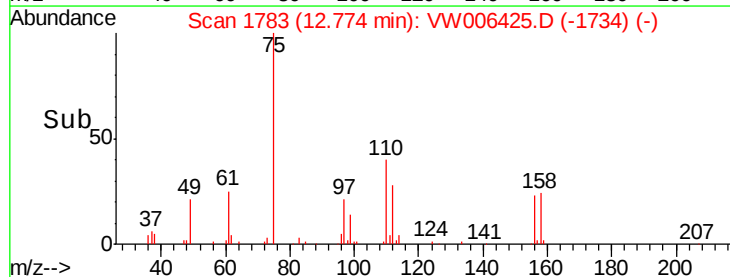
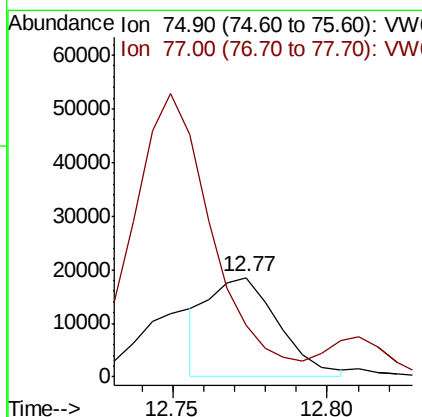
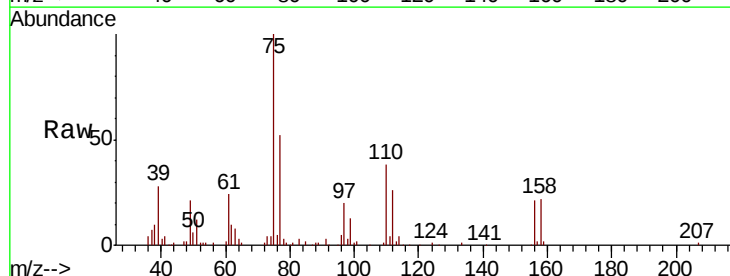
RT: 12.77 min Scan# 1783

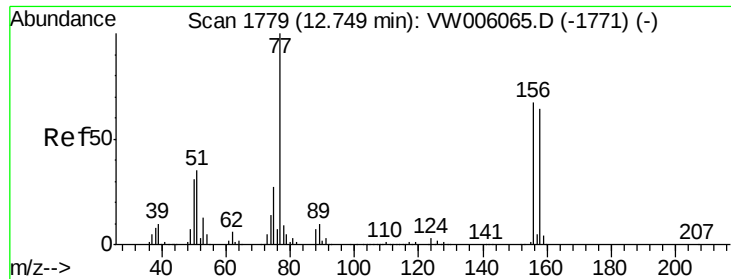
Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion:	75	Resp:	29183
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.564 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

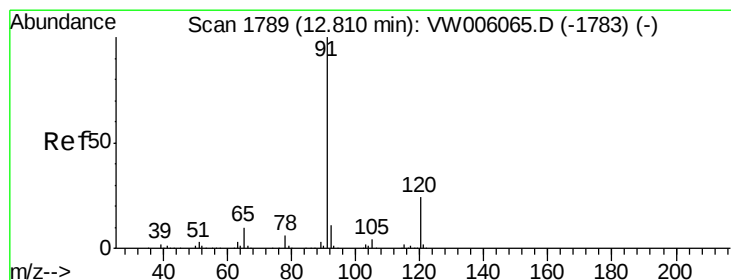
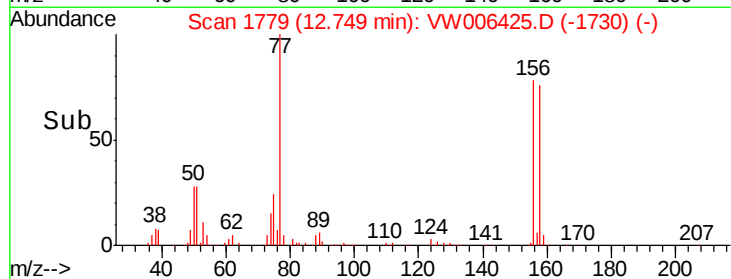
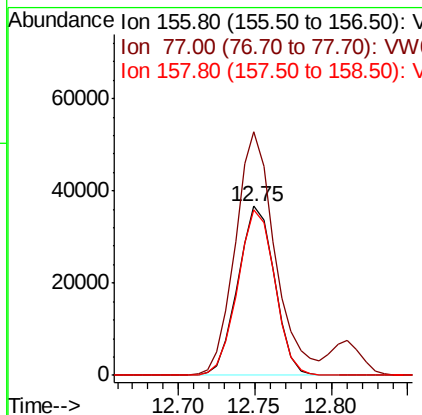
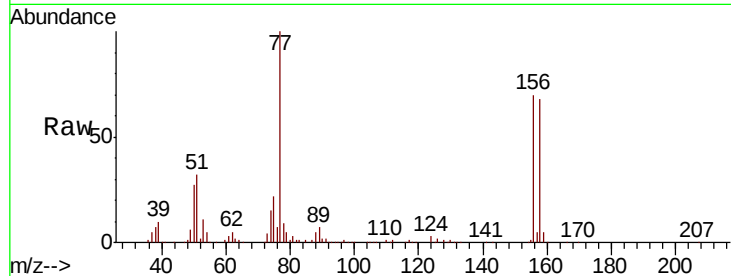
ClientSampleId :

VW1029SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	156.0	79.1	237.4	
158	98.8	48.5	145.6	

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#78

n-propylbenzene

Concen: 21.912 ug/l

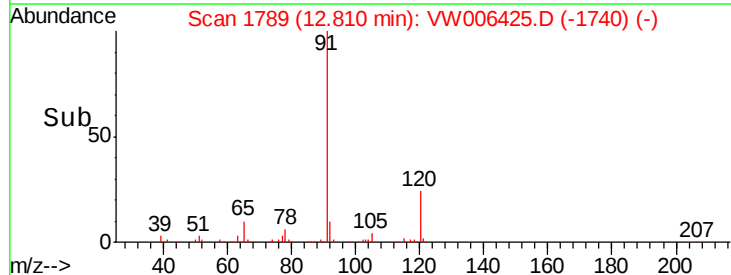
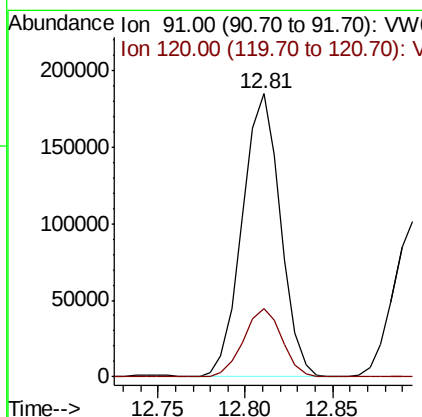
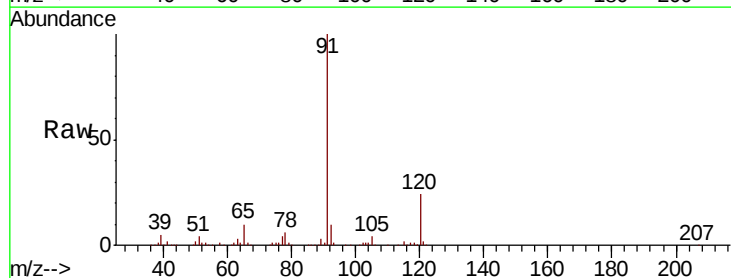
RT: 12.81 min Scan# 1789

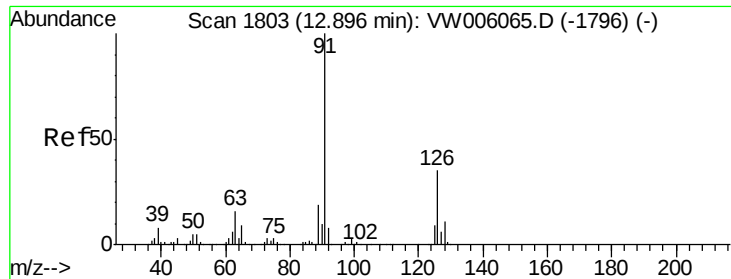
Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.2	36.6	





#79

2-Chlorotoluene

Concen: 22.248 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 91 Resp: 160804

Ion Ratio Lower Upper

91 100

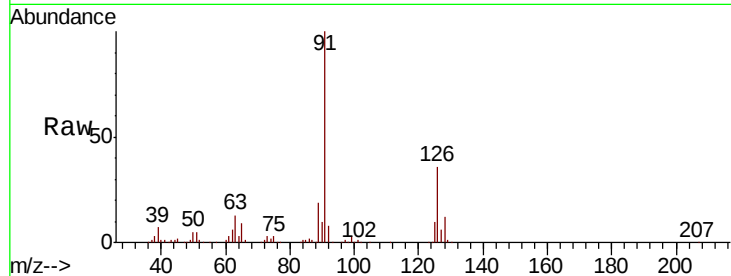
126 36.2 17.9 53.8

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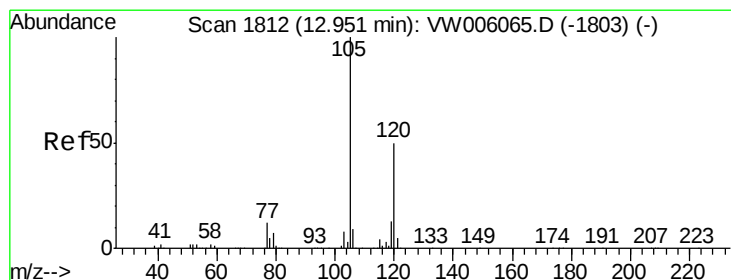
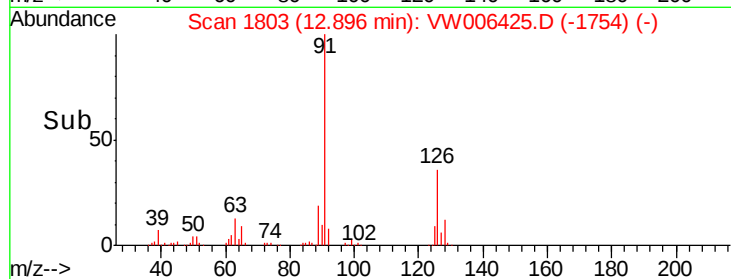
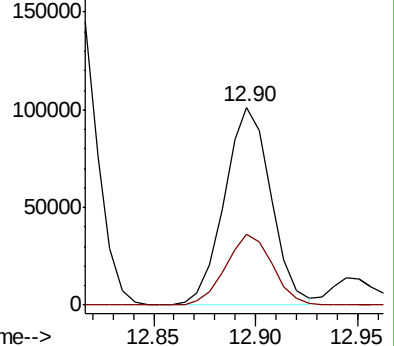
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.642 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006425.D

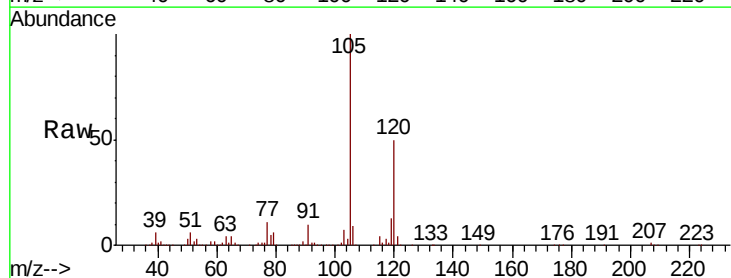
Acq: 27 Oct 2018 02:15

Tgt Ion:105 Resp: 201734

Ion Ratio Lower Upper

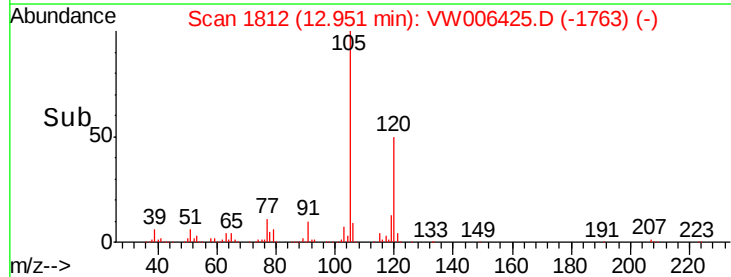
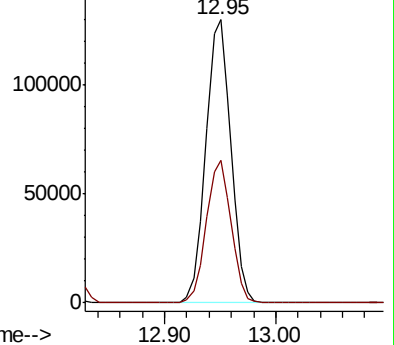
105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





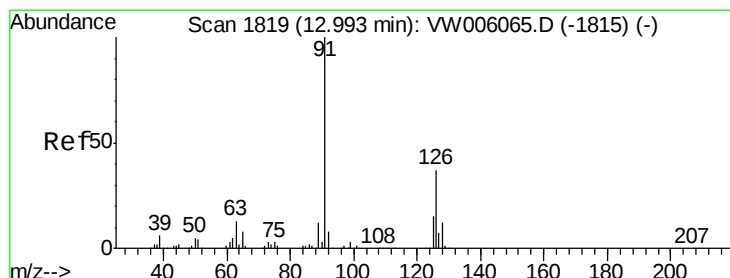
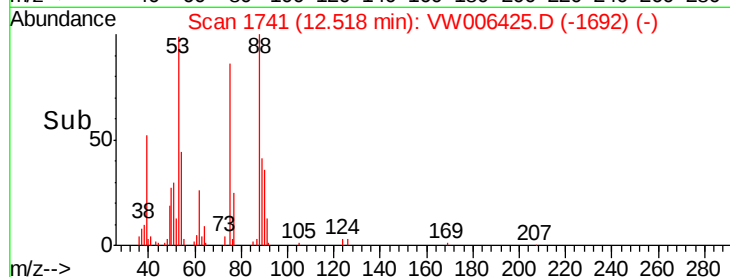
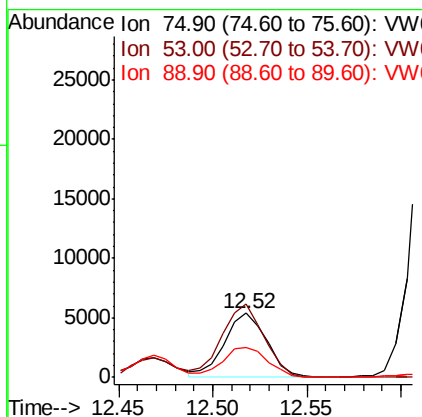
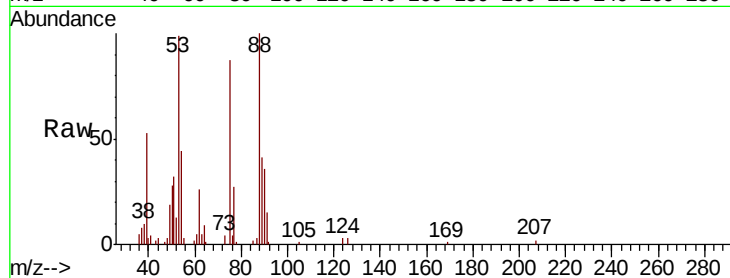
#81
trans-1,4-Dichloro-2-butene
Concen: 16.897 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	79.8	119.6
89	48.5	37.5	56.3

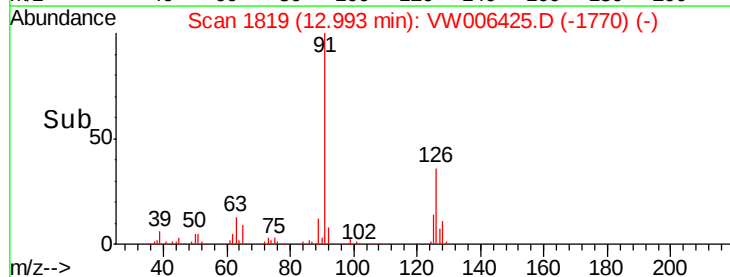
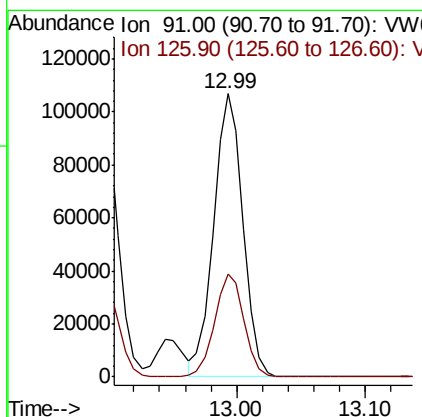
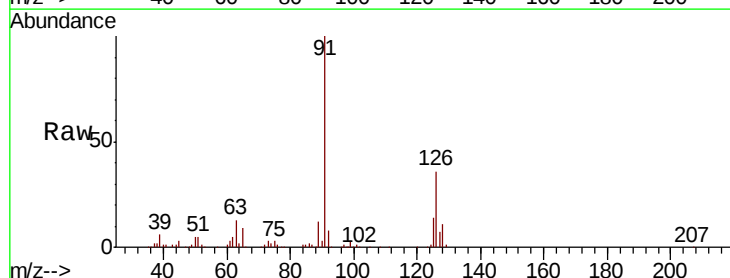
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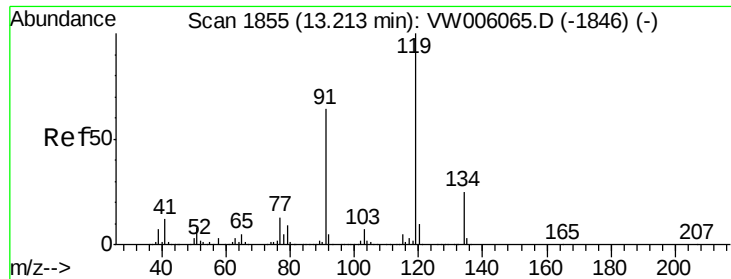
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#82
4-Chlorotoluene
Concen: 22.464 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





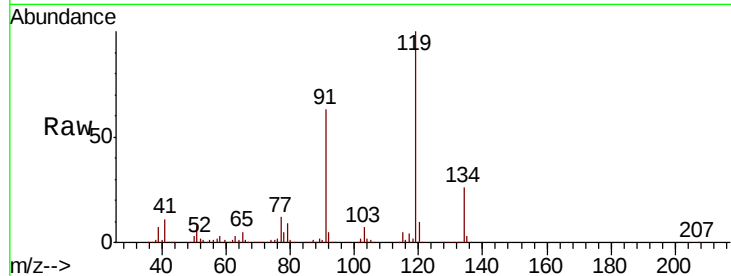
#83
tert-Butylbenzene
Concen: 21.709 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBSD01

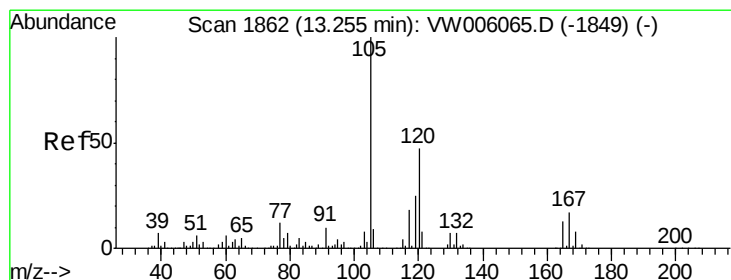
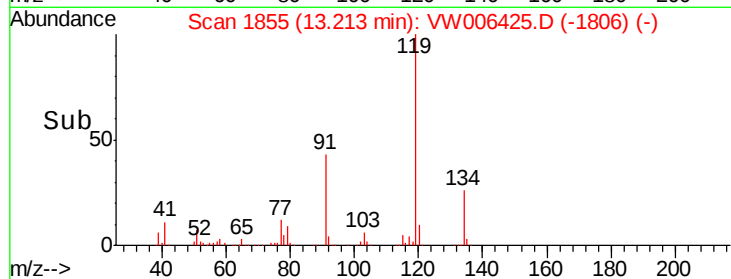
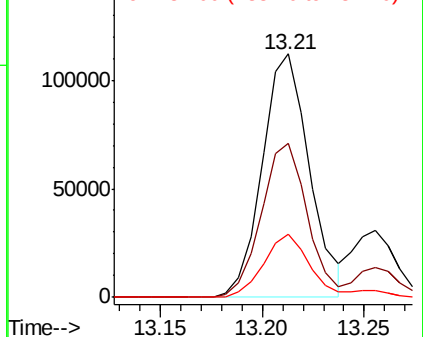
Tot Ion	Ratio	Resp	Lower	Upper
119	100	181048		
91	61.7	32.3	96.9	
134	25.2	13.6	40.8	

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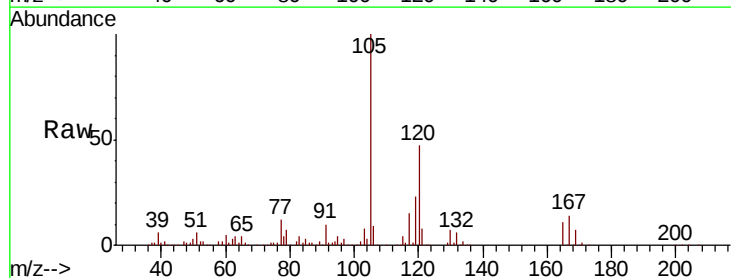


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

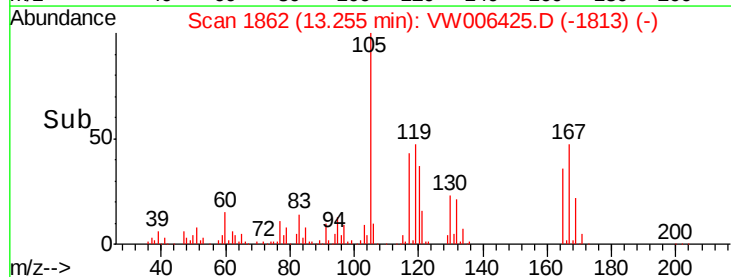
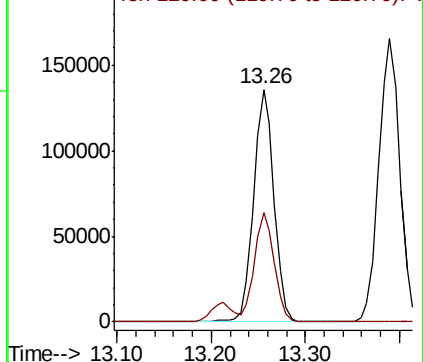


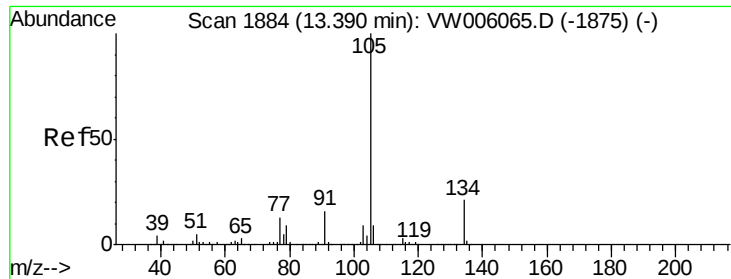
#84
1,2,4-Trimethylbenzene
Concen: 21.910 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206656		
120	45.8	23.1	69.3	



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





#85

sec-Butylbenzene

Concen: 21.598 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBSD01

Tot Ion:105 Resp: 254461

Ion Ratio Lower Upper

105 100

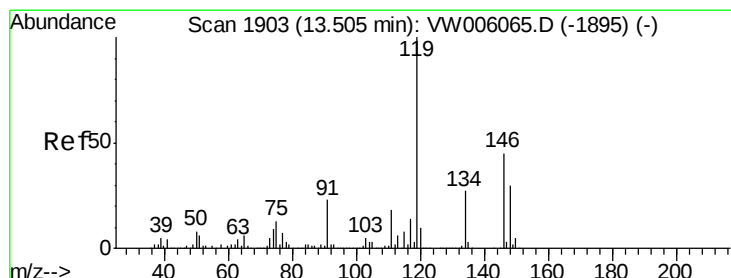
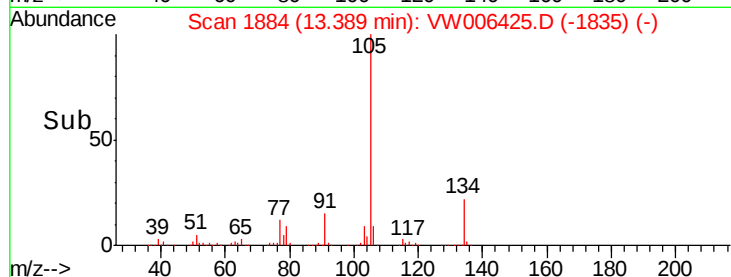
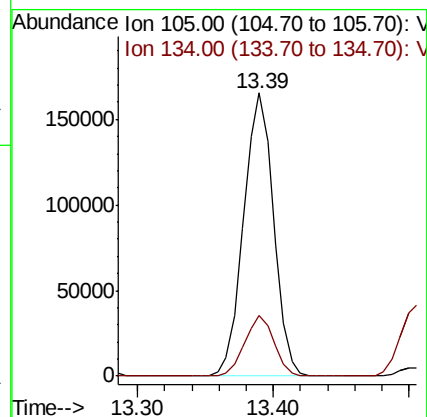
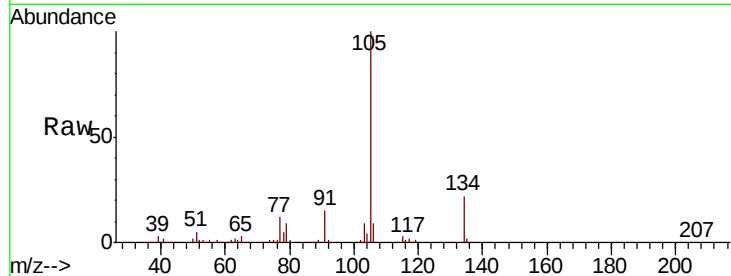
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 21.521 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

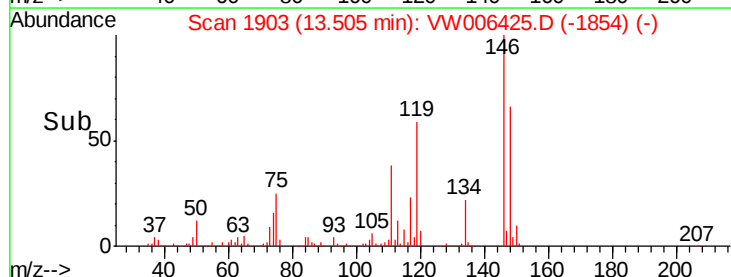
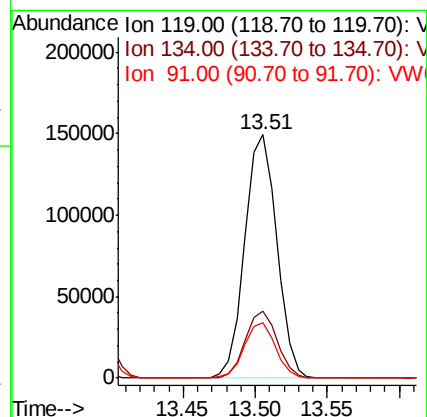
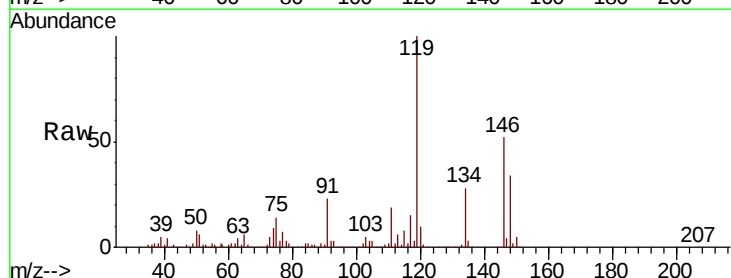
Tgt Ion:119 Resp: 229344

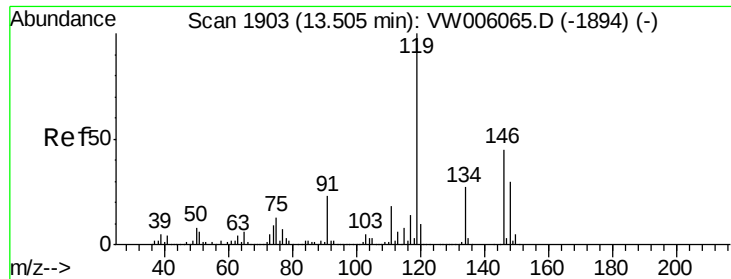
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 22.731 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

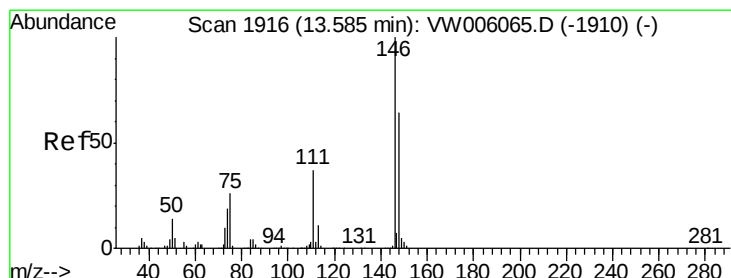
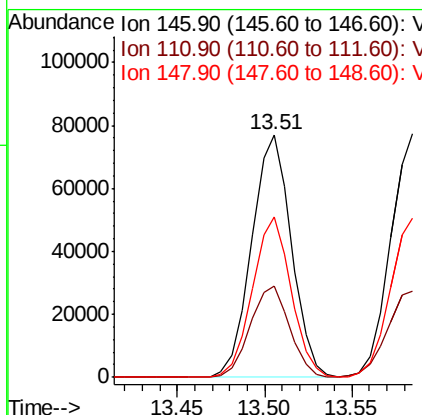
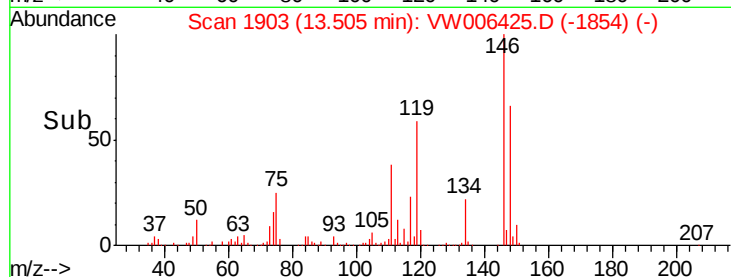
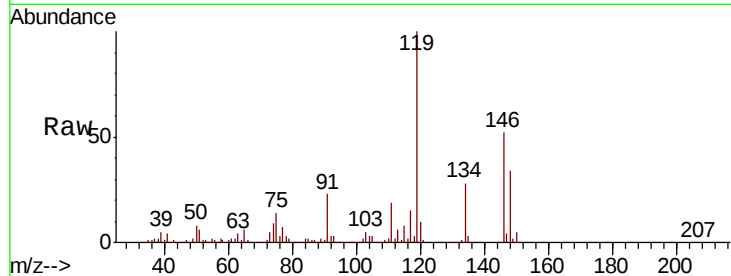
Instrument :
MSVOA_W

ClientSampleId :
VW1029SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122516		
111	37.4	19.1	57.5	
148	64.3	32.0	96.2	

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#88

1,4-Dichlorobenzene

Concen: 22.639 ug/l

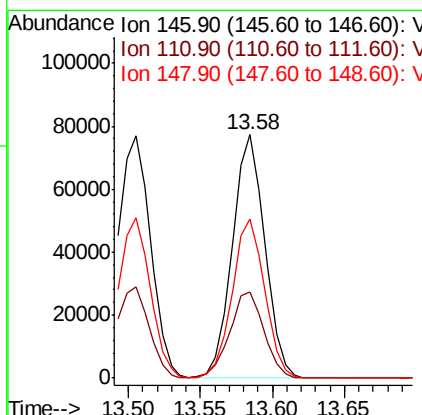
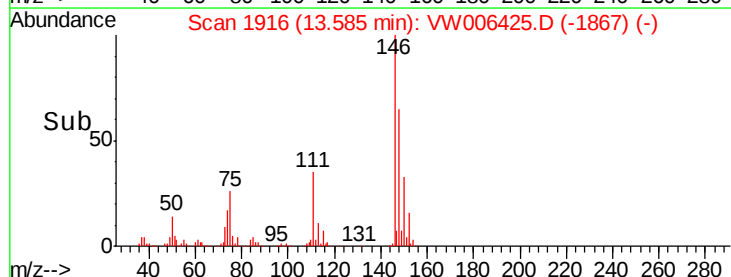
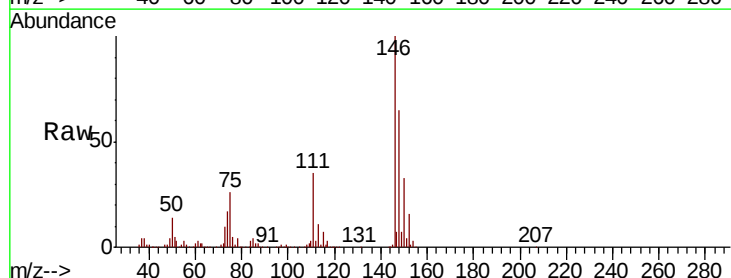
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006425.D

Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121493		
111	37.6	18.6	56.0	
148	65.5	32.1	96.5	





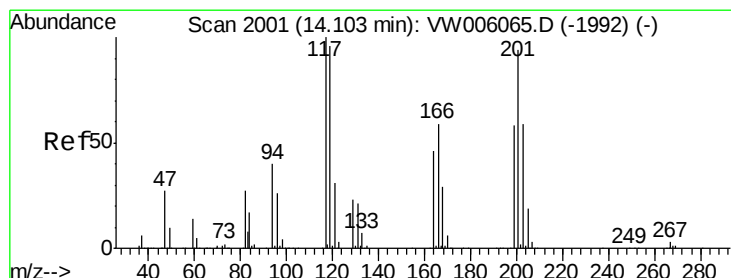
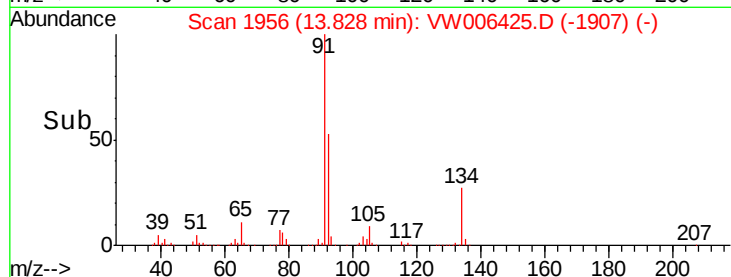
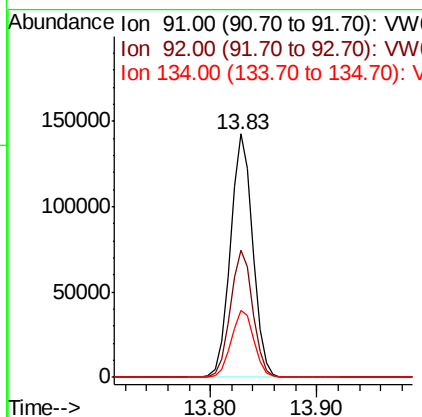
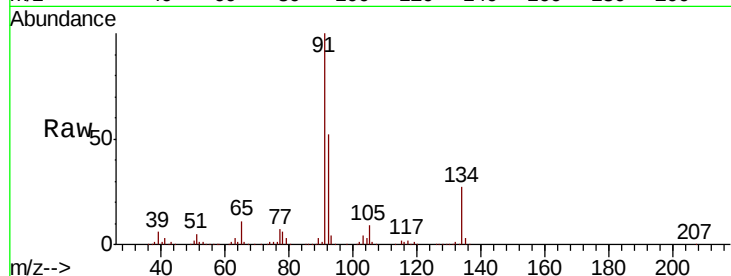
#89
n-Butylbenzene
Concen: 21.470 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	28.0	14.0	41.9

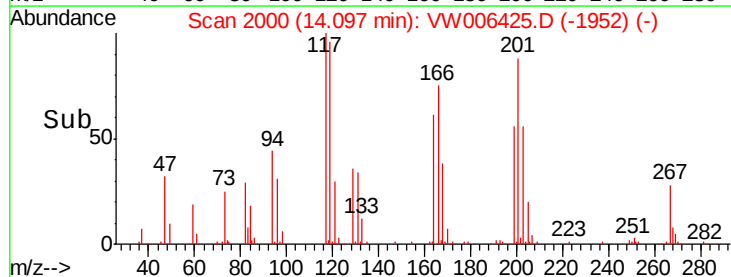
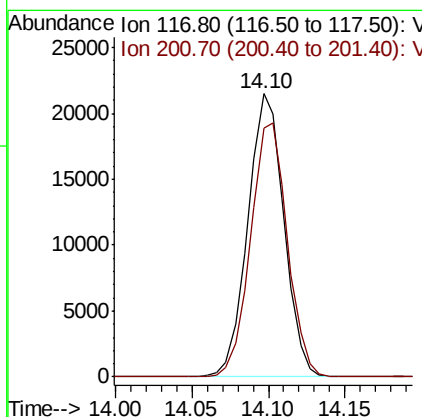
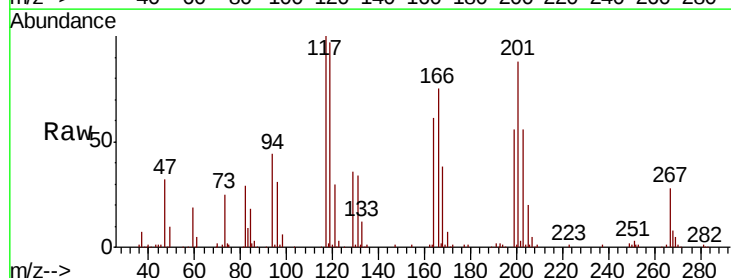
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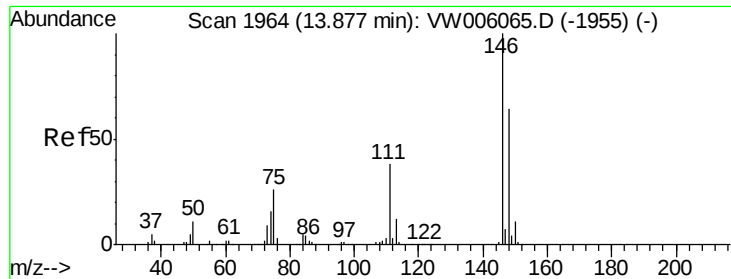
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#90
Hexachloroethane
Concen: 19.537 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	45.3	135.9





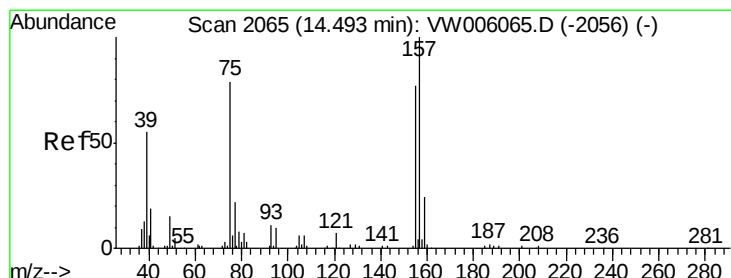
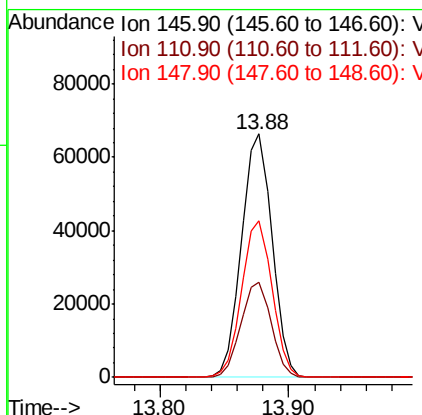
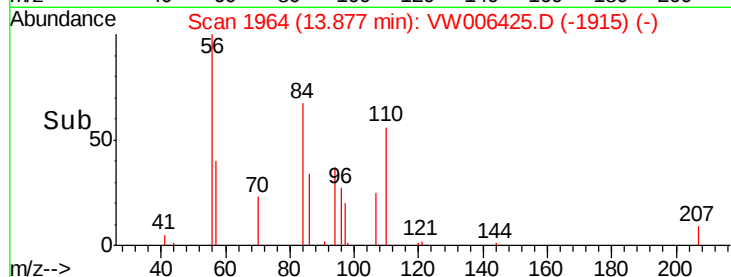
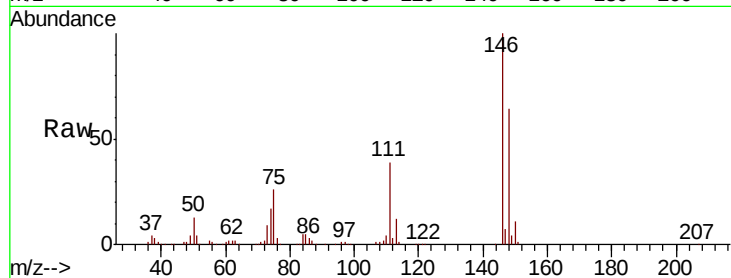
#91
 1,2-Dichlorobenzene
 Concen: 22.644 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.0	32.2	96.6

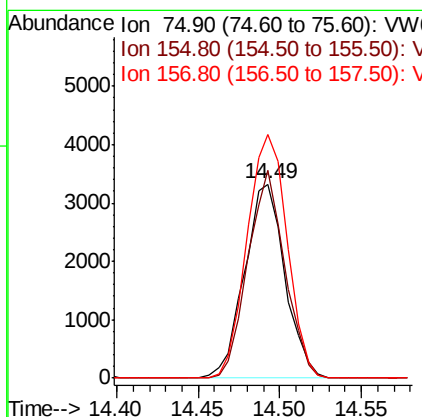
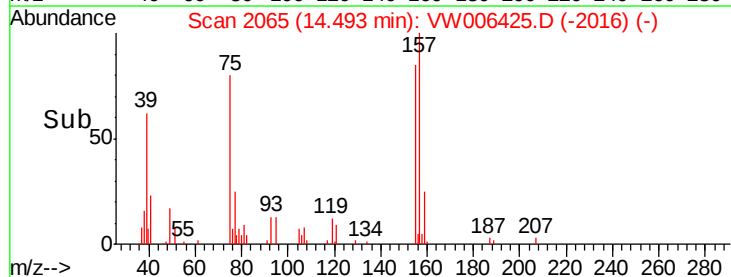
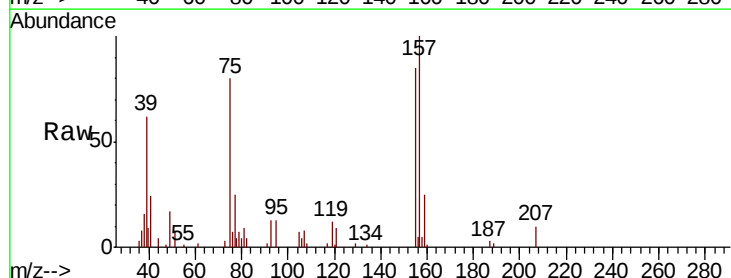
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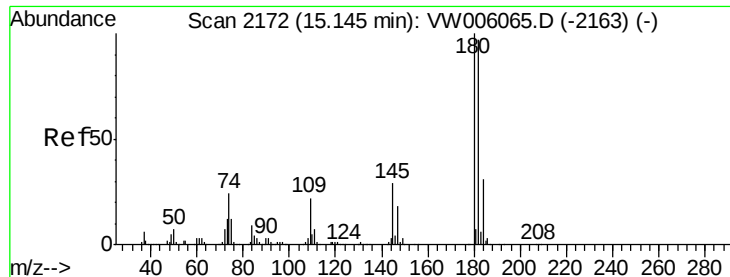
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.987 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	46.5	139.5
157	124.6	59.8	179.4





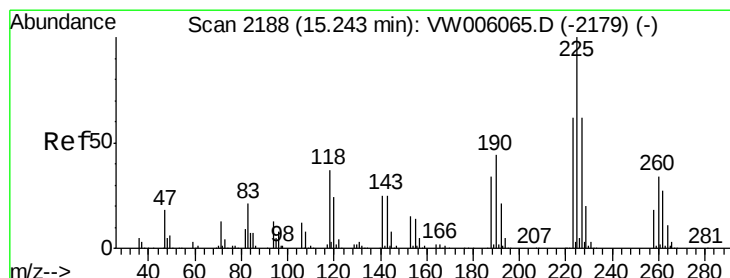
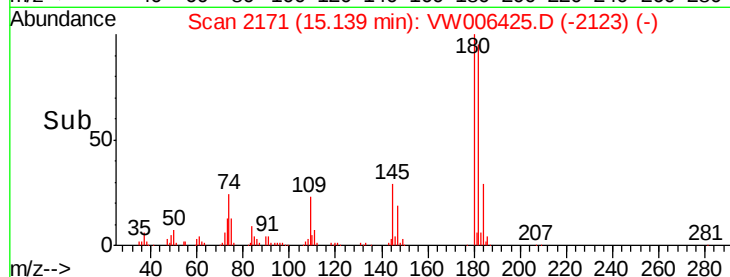
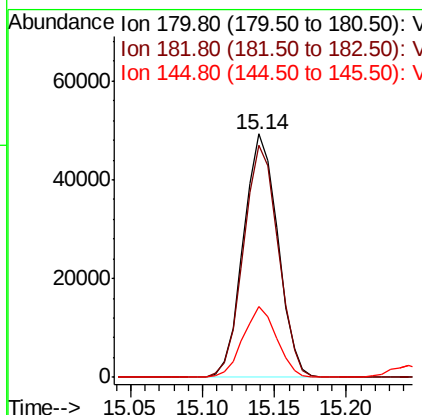
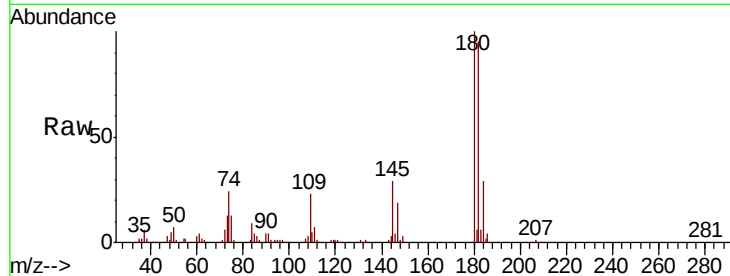
#93
 1,2,4-Trichlorobenzene
 Concen: 22.089 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81714		
182	95.6	47.9	143.6	
145	28.3	14.2	42.8	

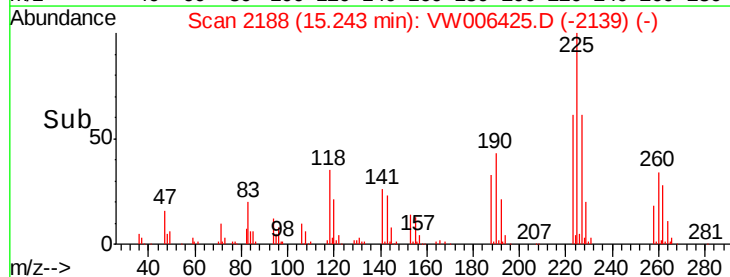
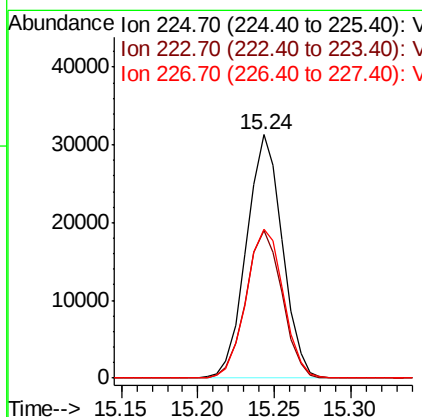
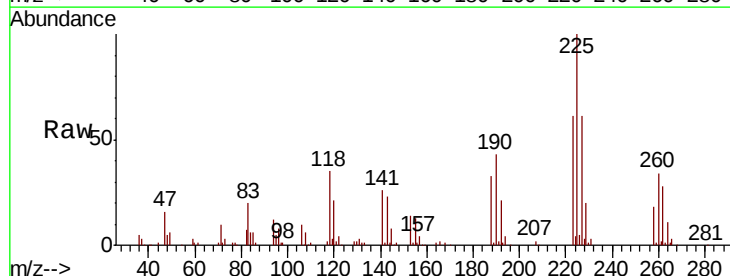
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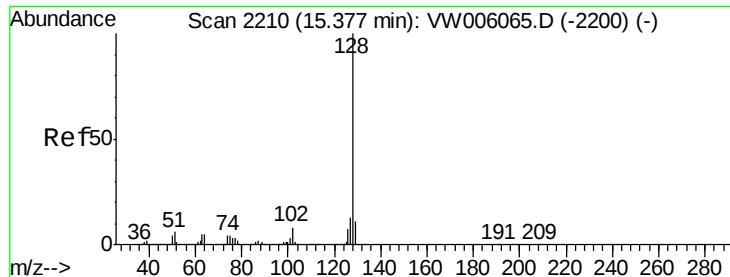
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.986 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006425.D
 Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51092		
223	61.3	31.1	93.5	
227	63.5	32.4	97.0	





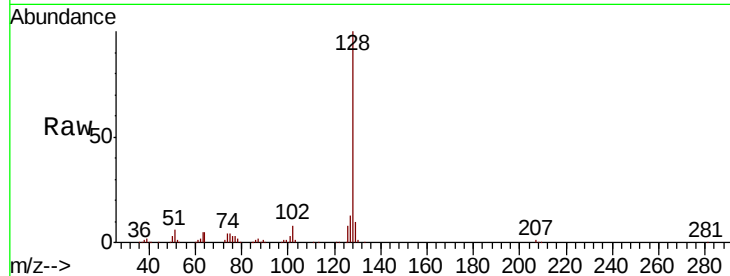
#95
Naphthalene
Concen: 21.184 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
APPROVED

apatel
10/29/2018 10:03:53 AM

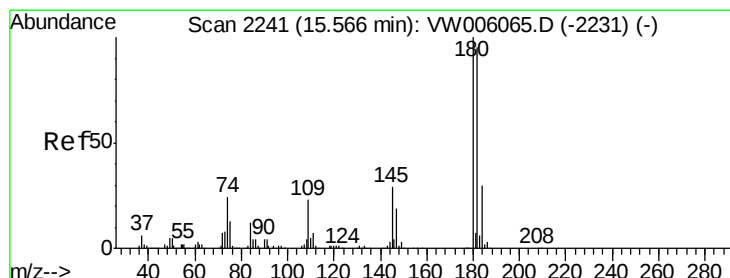
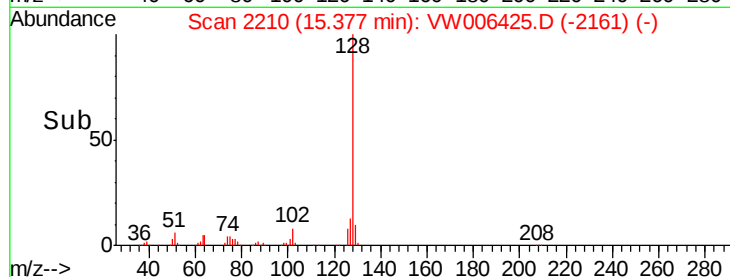
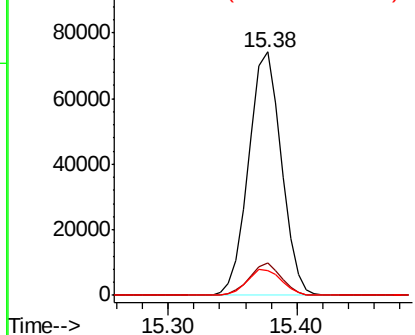


Abundance

Ion 128.00 (127.70 to 128.70): V

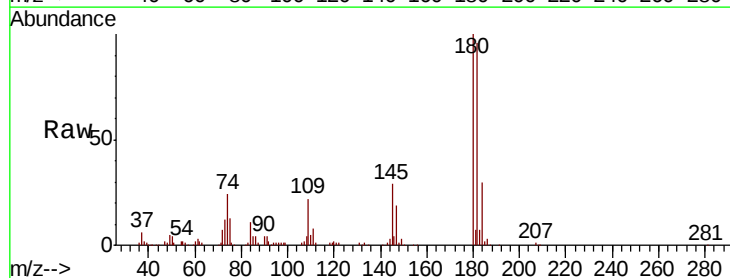
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 22.727 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006425.D
Acq: 27 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	29.4	15.0	45.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

