

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005604.D
 Acq On : 25 Sep 2018 12:17
 Operator : VA/AP
 Sample : VW0925SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Manual Integrations
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 9/26/2018 12:25:57 PM

Quant Time: Sep 25 14:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	326150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129194	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.89	113	110036	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	10.33	98	454789	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	167920	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33045	21.117	ug/l	100
3) Chloromethane	2.21	50	31458	16.382	ug/l	99
4) Vinyl Chloride	2.37	62	47359	20.633	ug/l	99
5) Bromomethane	2.79	94	31038	20.009	ug/l	96
6) Chloroethane	2.93	64	28051	19.045	ug/l	96
7) Trichlorofluoromethane	3.26	101	36150	20.137	ug/l	93
8) Diethyl Ether	3.68	74	22007	18.766	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45976	20.231	ug/l	99
10) Methyl Iodide	4.27	142	69890	19.998	ug/l	98
11) Tert butyl alcohol	5.23	59	14919	101.264	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	43223	19.867	ug/l	100
13) Acrolein	3.90	56	11299	104.860	ug/l	99
14) Allyl chloride	4.67	41	72293	19.040	ug/l	99
15) Acrylonitrile	5.37	53	45585	87.550	ug/l	98
16) Acetone	4.14	43	47799	102.473	ug/l	94
17) Carbon Disulfide	4.37	76	133359	19.619	ug/l	99
18) Methyl Acetate	4.68	43	20842	15.626	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	63425	18.887	ug/l	98
20) Methylene Chloride	4.92	84	52497	19.663	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	46169	19.375	ug/l	94
22) Diisopropyl ether	6.32	45	139281	18.897	ug/l	97
23) Vinyl Acetate	6.26	43	390038	92.583	ug/l	100
24) 1,1-Dichloroethane	6.22	63	85863	18.855	ug/l	99
25) 2-Butanone	7.19	43	61368	89.785	ug/l	98
26) 2,2-Dichloropropane	7.17	77	60816	19.129	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49536	18.847	ug/l	98
28) Bromochloromethane	7.52	49	31955	17.715	ug/l	94
29) Tetrahydrofuran	7.54	42	38150	89.343	ug/l	99
30) Chloroform	7.68	83	89464	19.029	ug/l	99
31) Cyclohexane	7.96	56	83971	19.247	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	80692	19.429	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71262	20.086	ug/l	99
37) Ethyl Acetate	7.26	43	26945	18.047	ug/l	98
38) Carbon Tetrachloride	8.07	117	77552	20.399	ug/l	96

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Quant Time: Sep 25 14:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84617	20.215	ug/l	99
40) Benzene	8.33	78	195016	19.400	ug/l	98
41) Methacrylonitrile	7.49	41	15989	18.819	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60927	18.931	ug/l	98
43) Isopropyl Acetate	8.43	43	52769	17.976	ug/l	99
44) Trichloroethene	9.10	130	52561	20.427	ug/l	95
45) 1,2-Dichloropropane	9.38	63	46530	18.815	ug/l	100
46) Dibromomethane	9.46	93	23091	18.687	ug/l	97
47) Bromodichloromethane	9.65	83	63509	19.133	ug/l	96
48) Methyl methacrylate	9.44	41	26144	18.751	ug/l	95
49) 1,4-Dioxane	9.49	88	7293	371.227	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	133387	90.220	ug/l	99
52) Toluene	10.39	92	125744	20.048	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63846	19.187	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	75098	20.142	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34212	19.505	ug/l	99
56) Ethyl methacrylate	10.65	69	40861	18.871	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58468	18.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96431	98.247	ug/l	98
59) 2-Hexanone	10.98	43	94296	93.886	ug/l	100
60) Dibromochloromethane	11.13	129	41884	19.763	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31108	19.022	ug/l	96
64) Tetrachloroethene	10.87	164	44628	19.279	ug/l	97
65) Chlorobenzene	11.66	112	136077	19.654	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	49384	19.818	ug/l	100
67) Ethyl Benzene	11.74	91	243306	19.797	ug/l	99
68) m/p-Xylenes	11.85	106	186878	40.248	ug/l	100
69) o-Xylene	12.17	106	85817	19.735	ug/l	100
70) Styrene	12.19	104	145146	19.834	ug/l	99
71) Bromoform	12.35	173	24843	18.781	ug/l #	99
73) Isopropylbenzene	12.47	105	250441	20.081	ug/l	100
74) N-amyl acetate	12.28	43	50240	17.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38301	18.489	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27522m	17.952	ug/l	
77) Bromobenzene	12.76	156	56980	19.493	ug/l	97
78) n-propylbenzene	12.81	91	304027	20.135	ug/l	100
79) 2-Chlorotoluene	12.90	91	174640	19.991	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	220329	20.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12695	18.651	ug/l	99
82) 4-Chlorotoluene	12.99	91	184334	19.971	ug/l	100
83) tert-Butylbenzene	13.21	119	183689	20.161	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	221644	20.253	ug/l	97
85) sec-Butylbenzene	13.39	105	270008	20.434	ug/l	100
86) p-Isopropyltoluene	13.51	119	244330	20.629	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	119303	19.960	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	117409	19.750	ug/l	98
89) n-Butylbenzene	13.83	91	229502	20.544	ug/l	99
90) Hexachloroethane	14.10	117	42372	19.738	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	105162	19.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6973	17.667	ug/l	95

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MSVOA_W
ClientSampleId :
VW0925SBSD01

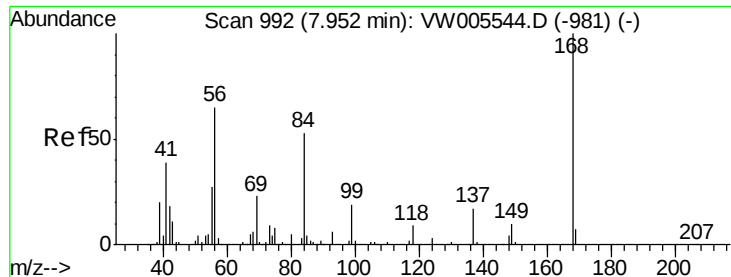
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Quant Time: Sep 25 14:20:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76940	20.441	ug/l	99
94) Hexachlorobutadiene	15.25	225	49891	20.460	ug/l	98
95) Naphthalene	15.38	128	123132	19.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67490	20.346	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: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion:168 Resp: 238881

Ion Ratio Lower Upper

168 100

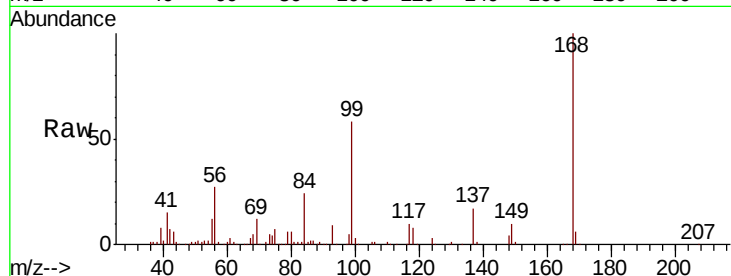
99 58.3 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

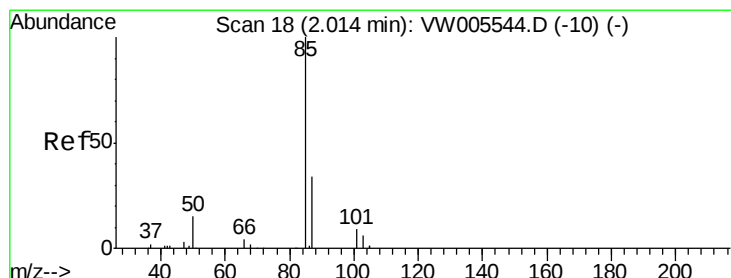
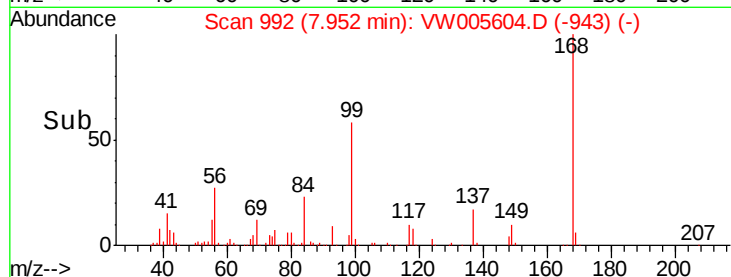
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.117 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005604.D

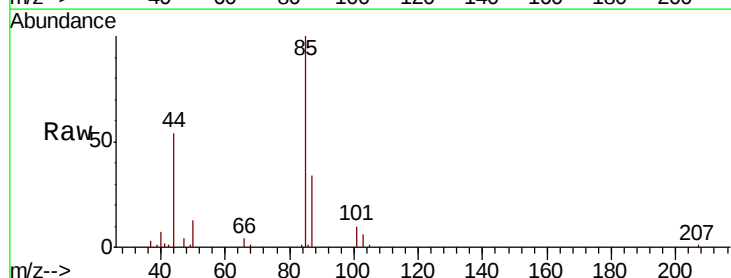
Acq: 25 Sep 2018 12:17

Tgt Ion: 85 Resp: 33045

Ion Ratio Lower Upper

85 100

87 33.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

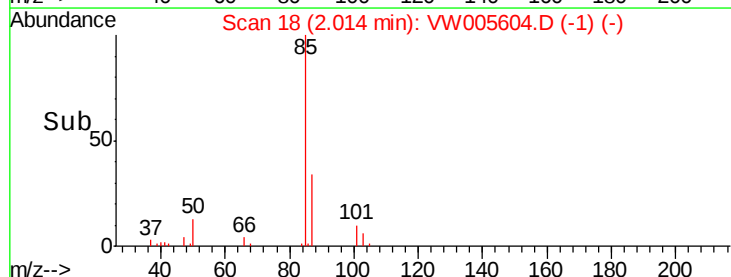
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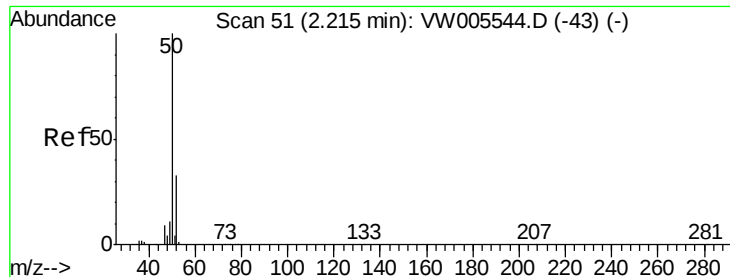
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 16.382 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 50 Resp: 31458

Ion Ratio Lower Upper

50 100

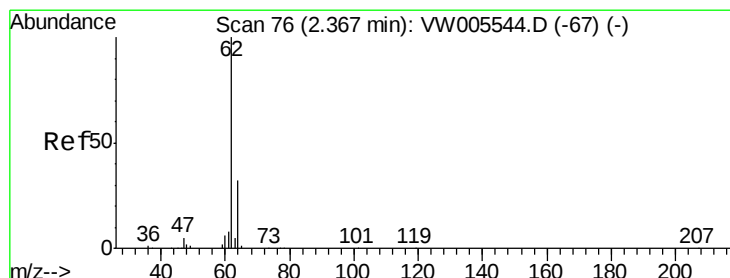
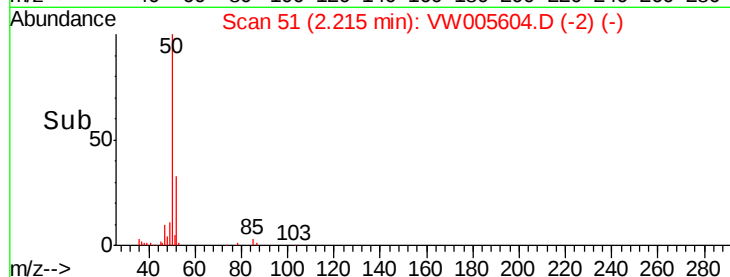
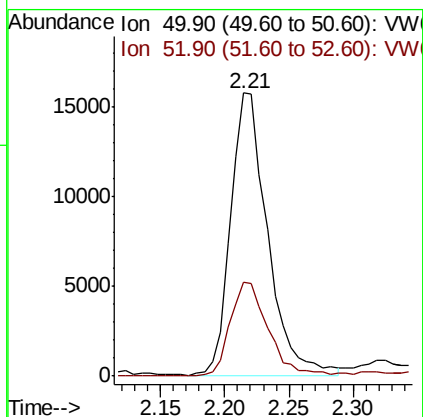
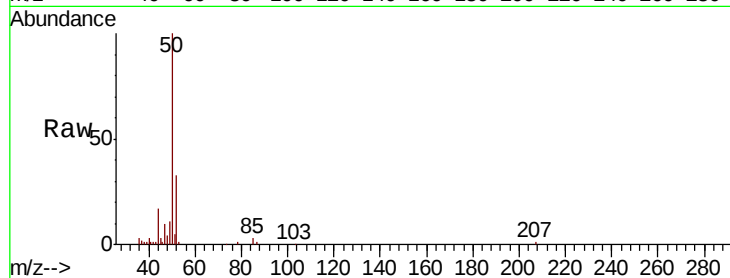
52 33.4 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.633 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005604.D

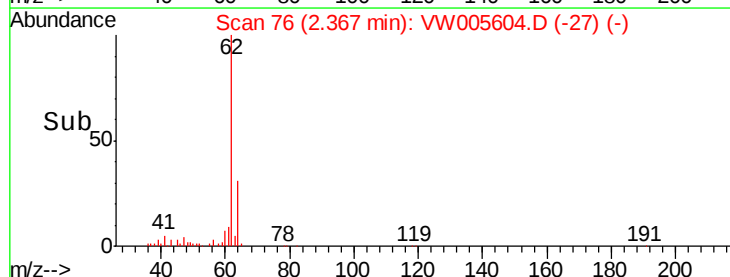
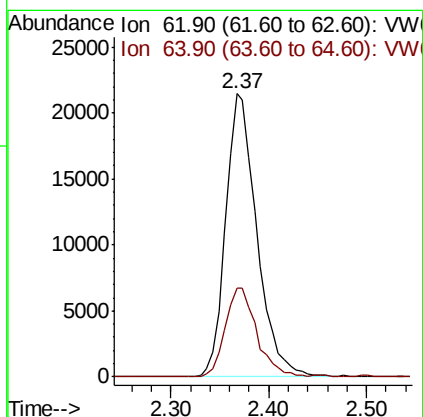
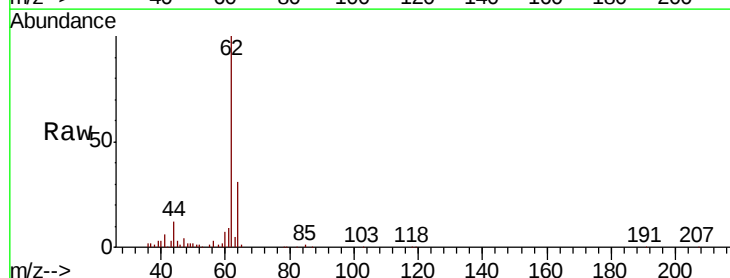
Acq: 25 Sep 2018 12:17

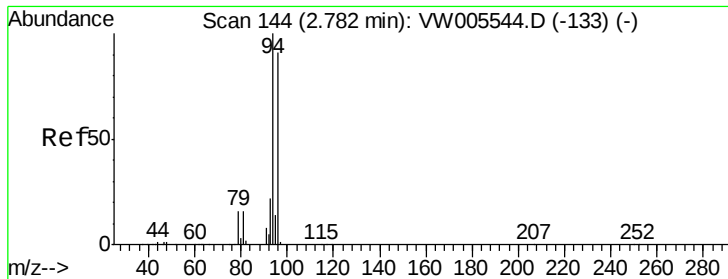
Tgt Ion: 62 Resp: 47359

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 20.009 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 94 Resp: 31038

Ion Ratio Lower Upper

94 100

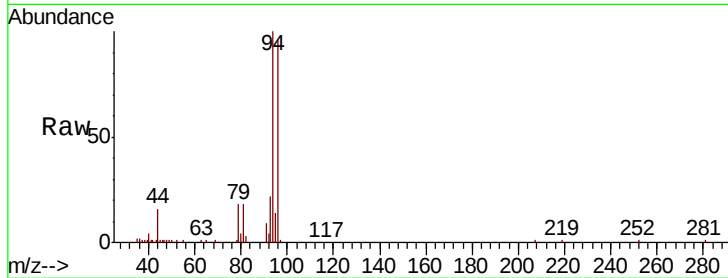
96 95.7 73.1 109.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

15000

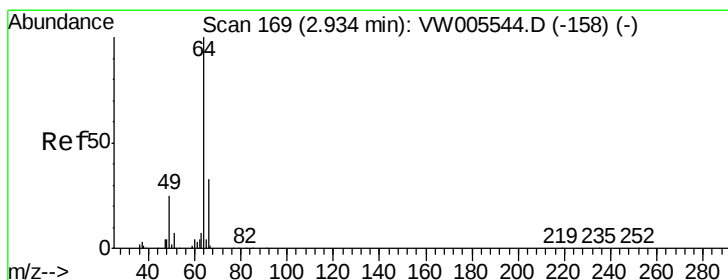
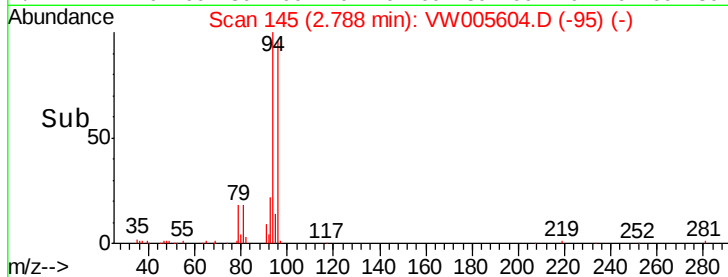
2.79

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.045 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005604.D

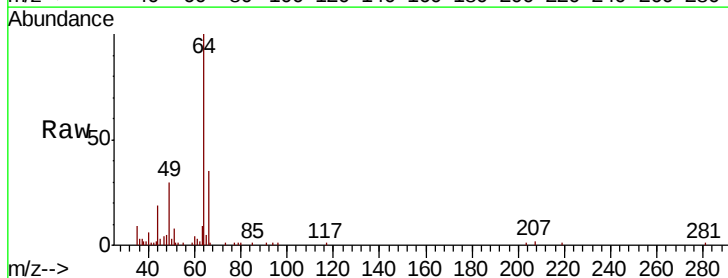
Acq: 25 Sep 2018 12:17

Tgt Ion: 64 Resp: 28051

Ion Ratio Lower Upper

64 100

66 35.0 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

10000

2.93

8000

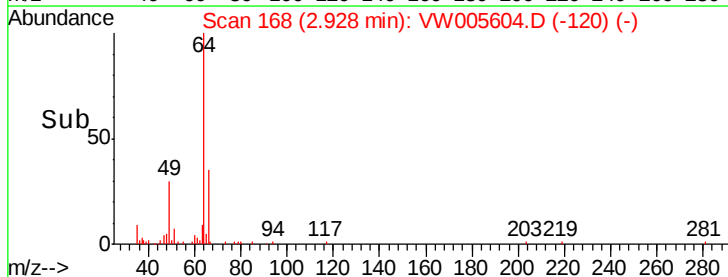
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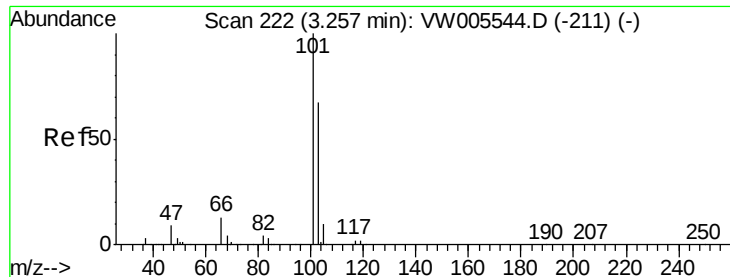
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2000

0

Time-->





#7

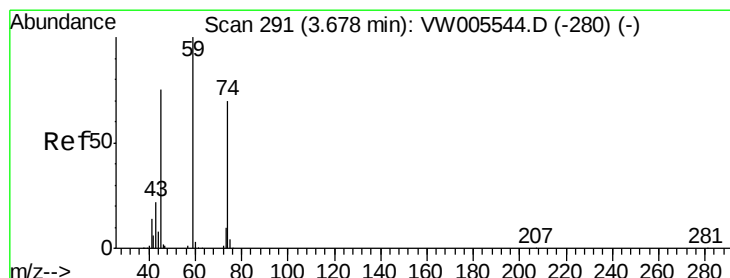
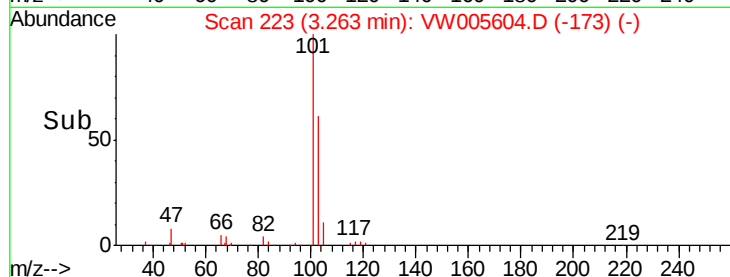
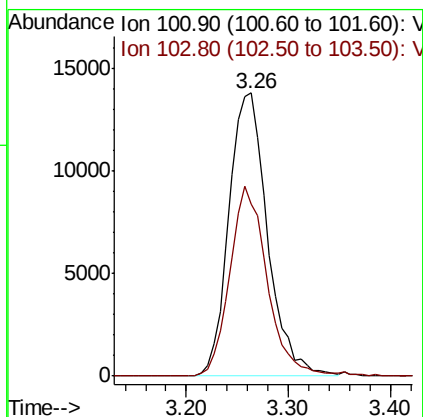
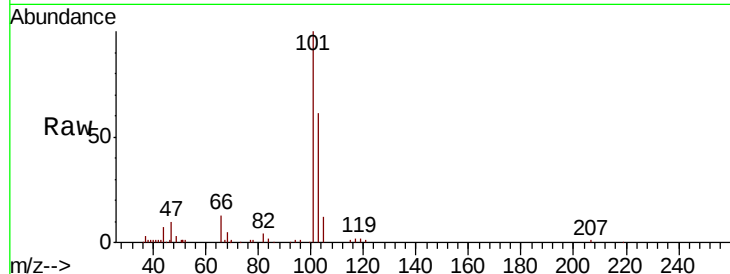
Trichlorofluoromethane
 Concen: 20.137 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
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 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	53.2	79.8

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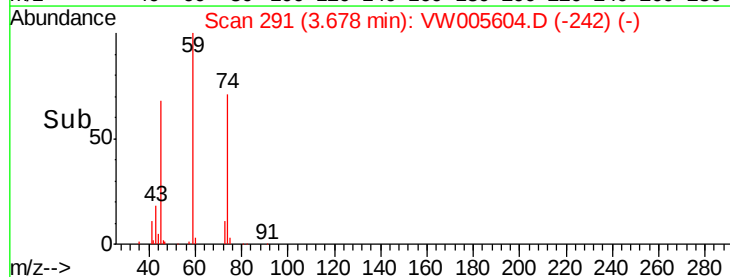
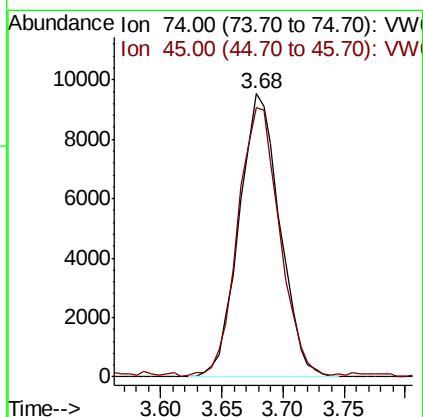
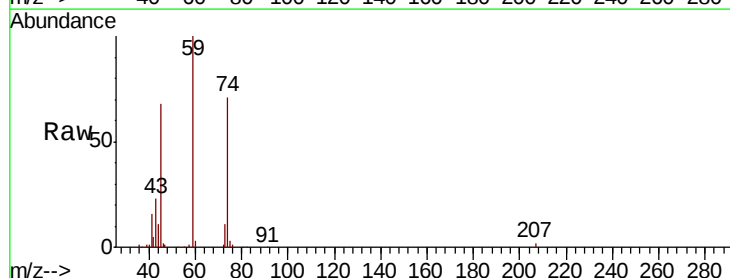
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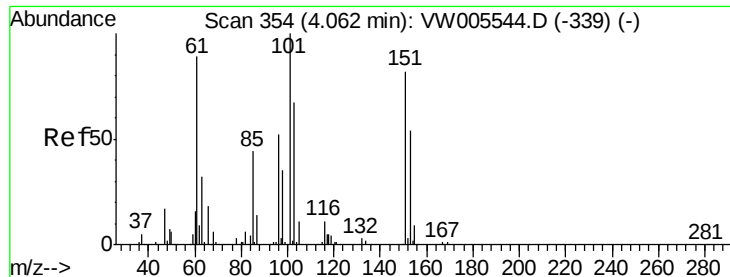


#8

Diethyl Ether
 Concen: 18.766 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.231 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

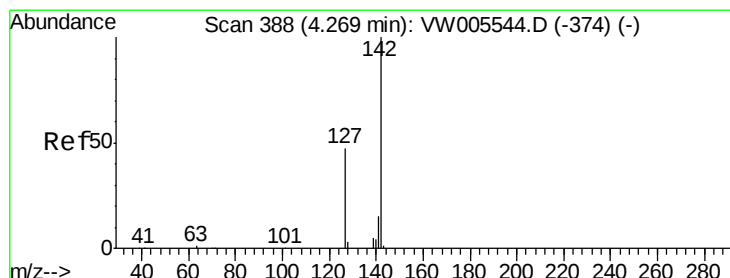
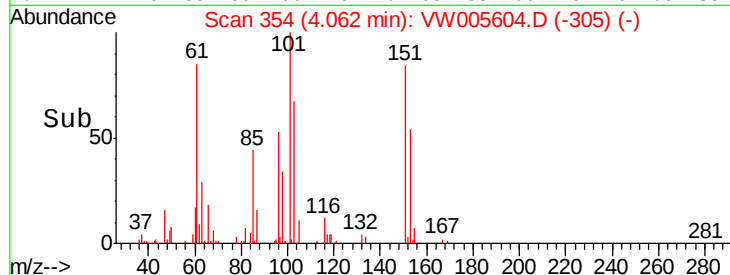
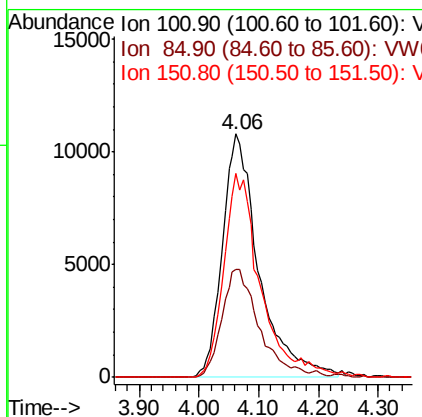
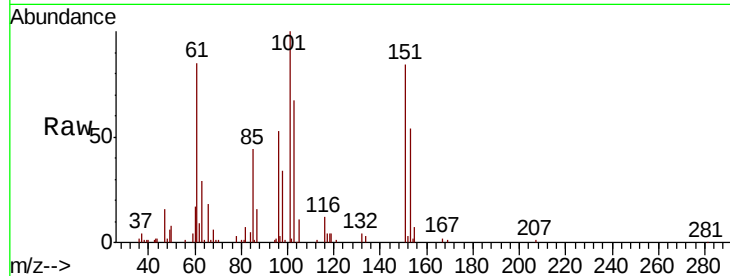
ClientSampleId :

VW0925SBS01

Tot Ion:	101	Resp:	45976
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.4	54.6
151	83.7	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.998 ug/l

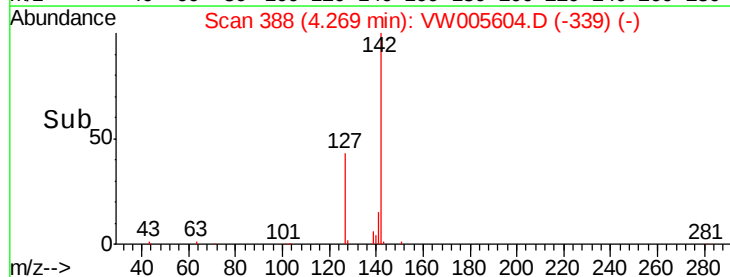
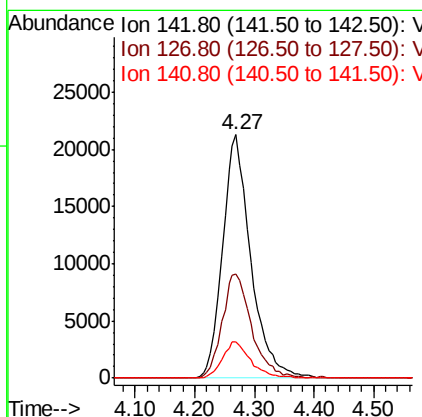
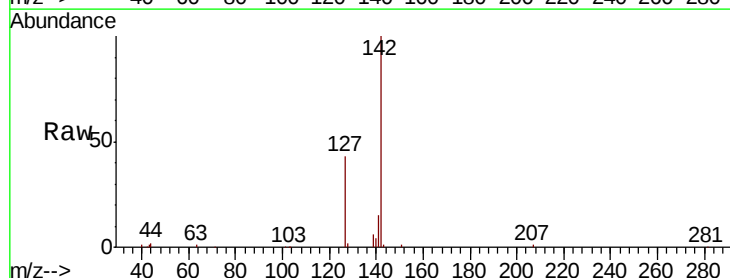
RT: 4.27 min Scan# 388

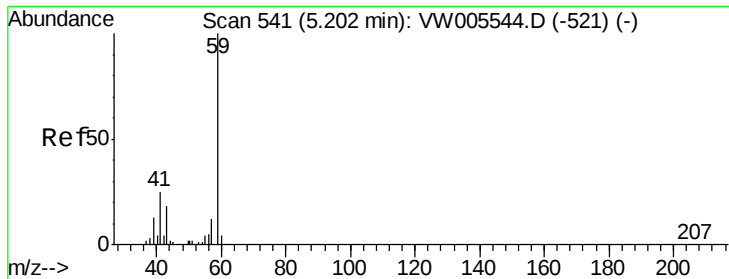
Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion:	142	Resp:	69890
Ion Ratio	Lower	Upper	
142	100		
127	44.7	37.4	56.0
141	15.1	11.9	17.9





#11

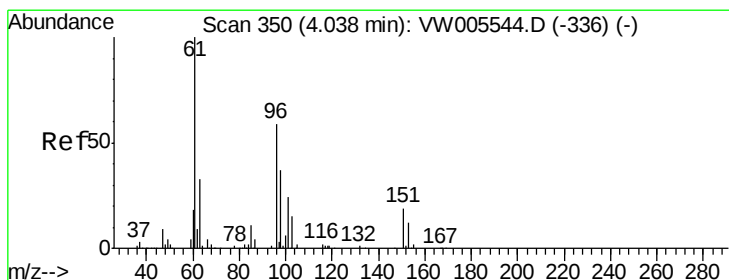
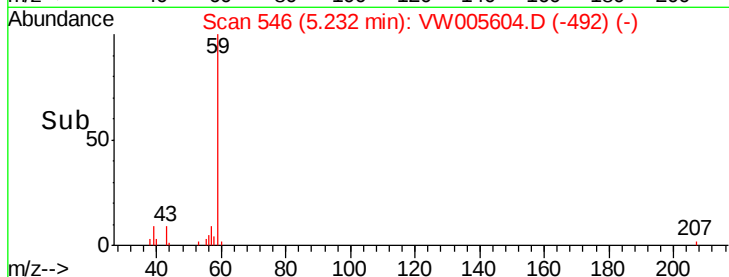
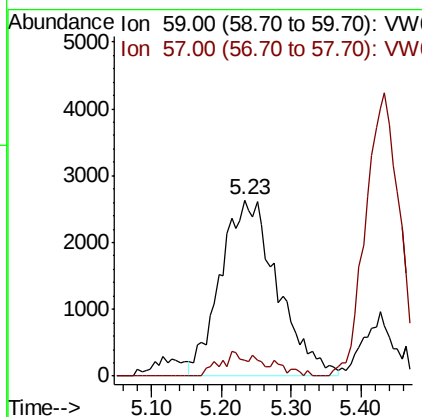
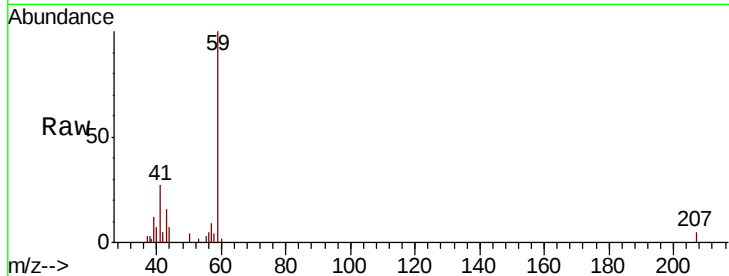
Tert butyl alcohol
 Concen: 101.264 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.03 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		14919		
57	0.0		8.3	12.5	

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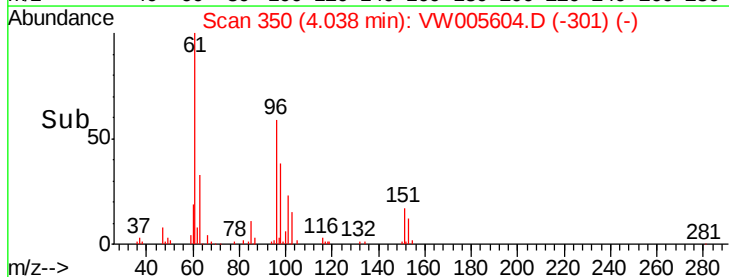
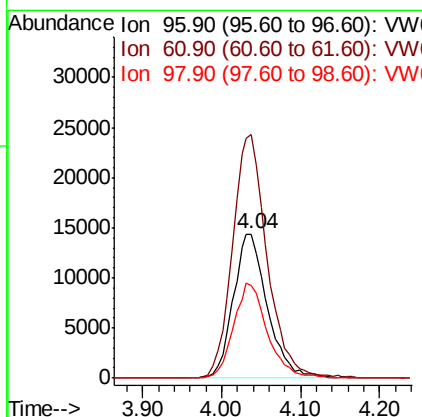
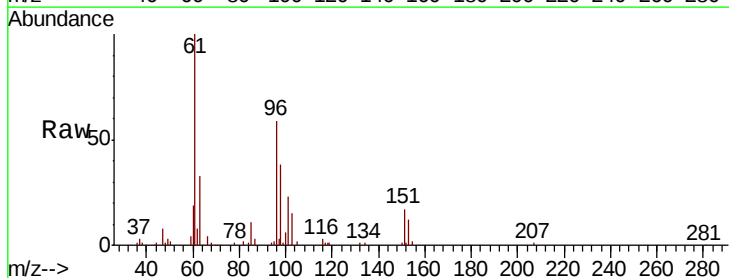
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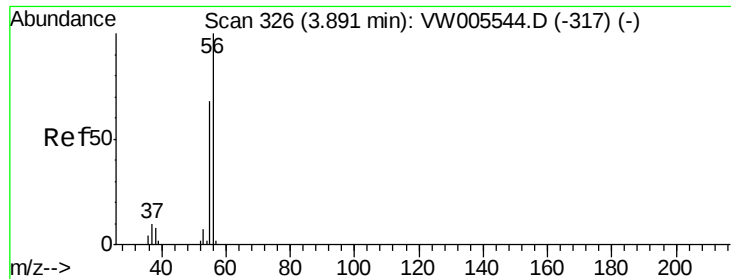


#12

1,1-Dichloroethene
 Concen: 19.867 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		43223		
61	168.9		135.0	202.6	
98	63.9		50.6	76.0	





#13

Acrolein

Concen: 104.860 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 56 Resp: 11299

Ion Ratio Lower Upper

56 100

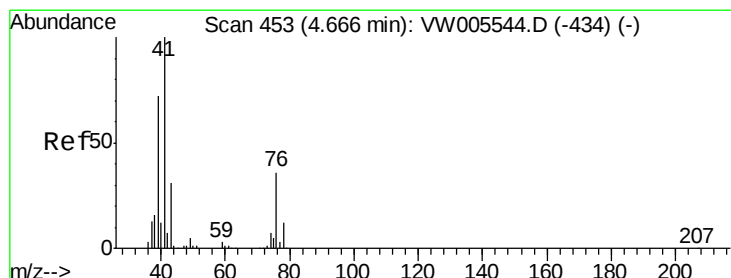
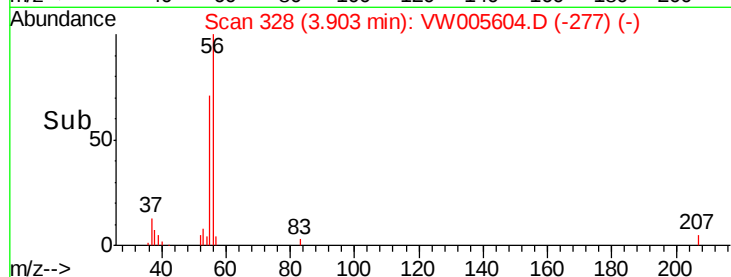
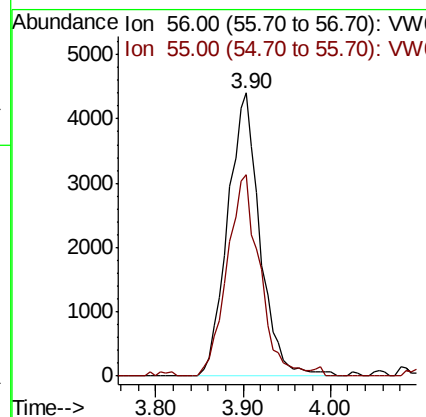
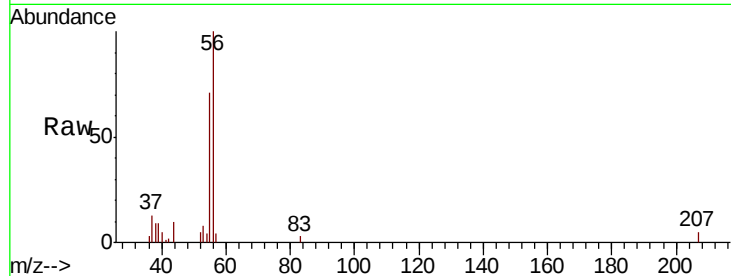
55 71.9 57.8 86.8

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#14

Allyl chloride

Concen: 19.040 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

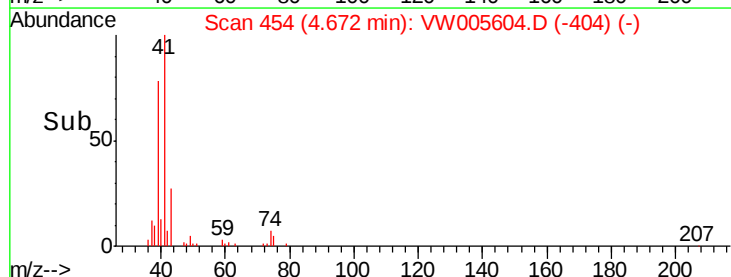
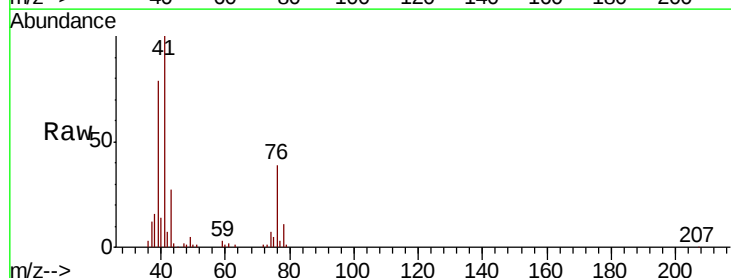
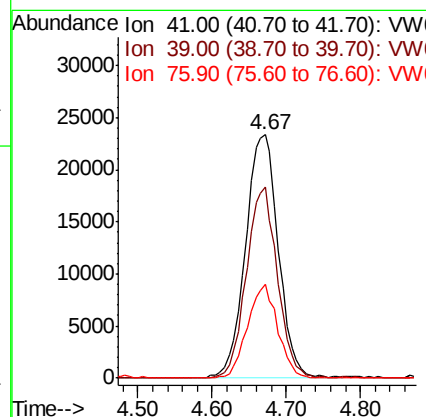
Tgt Ion: 41 Resp: 72293

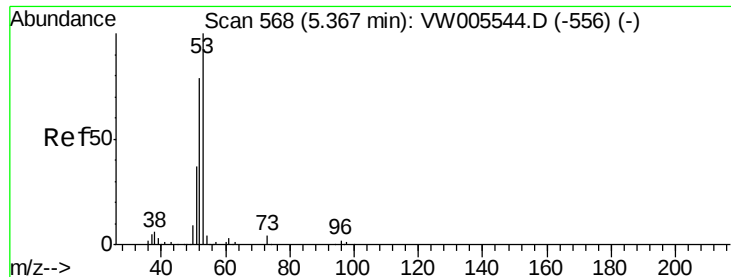
Ion Ratio Lower Upper

41 100

39 74.2 59.6 89.4

76 35.4 27.7 41.5





#15

Acrylonitrile

Concen: 87.550 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

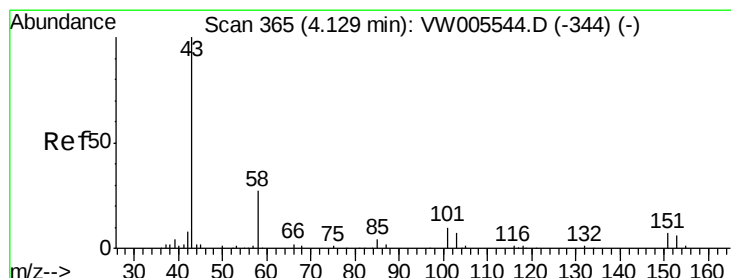
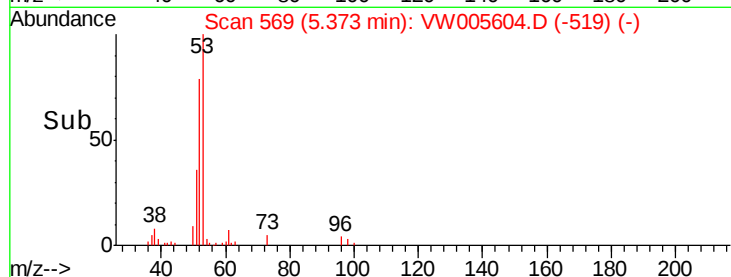
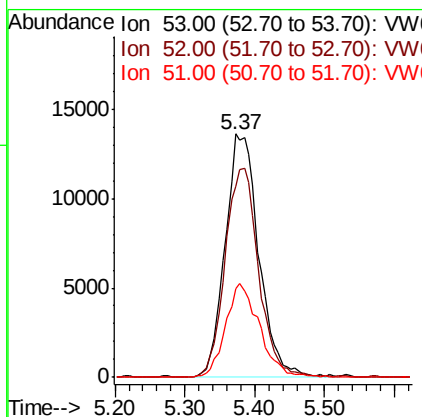
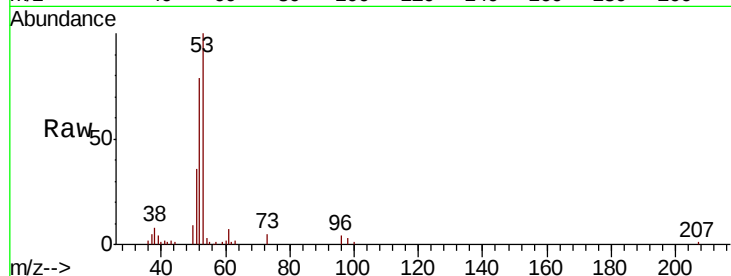
VW0925SBSD01

Tot Ion:	53	Resp:	45585
Ion Ratio	Lower	Upper	
53	100		
52	85.6	66.5	99.7
51	39.0	30.6	46.0

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#16

Acetone

Concen: 102.473 ug/l

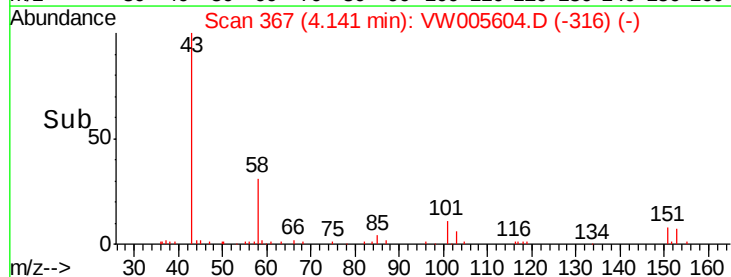
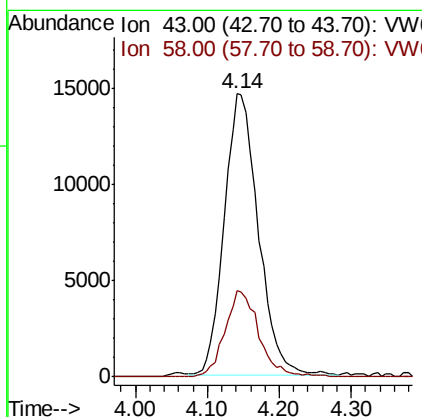
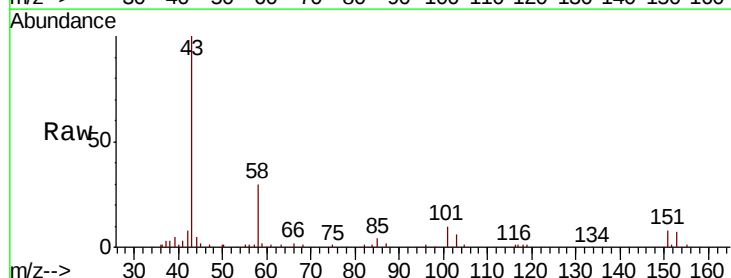
RT: 4.14 min Scan# 367

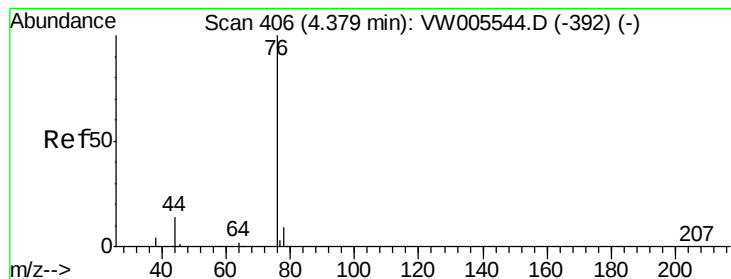
Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion:	43	Resp:	47799
Ion Ratio	Lower	Upper	
43	100		
58	30.7	21.8	32.8





#17

Carbon Disulfide

Concen: 19.619 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 76 Resp: 133359

Ion Ratio Lower Upper

76 100

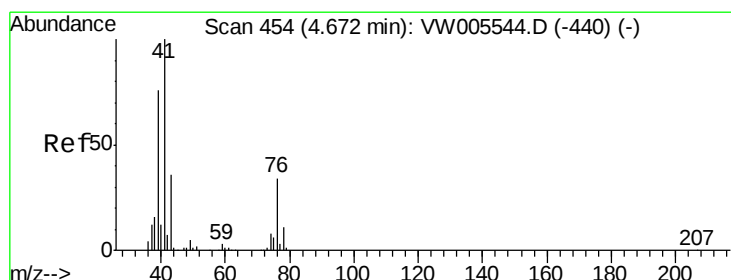
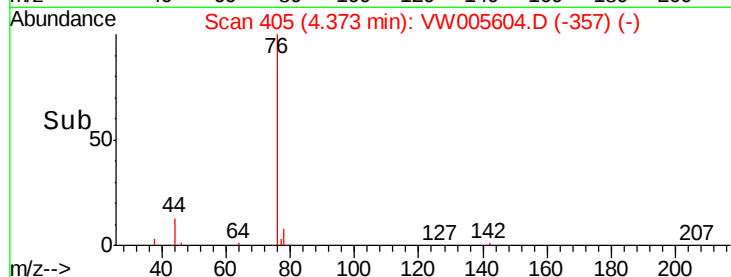
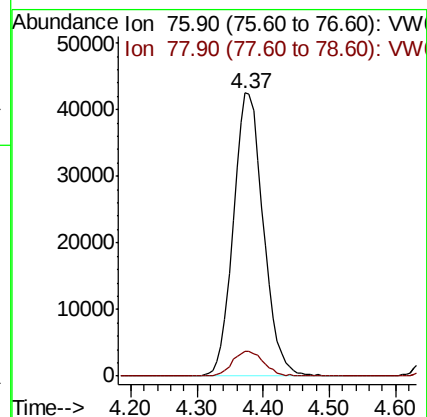
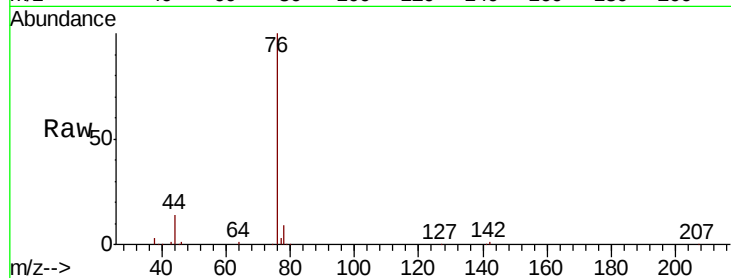
78 8.7 7.4 11.0

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#18

Methyl Acetate

Concen: 15.626 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005604.D

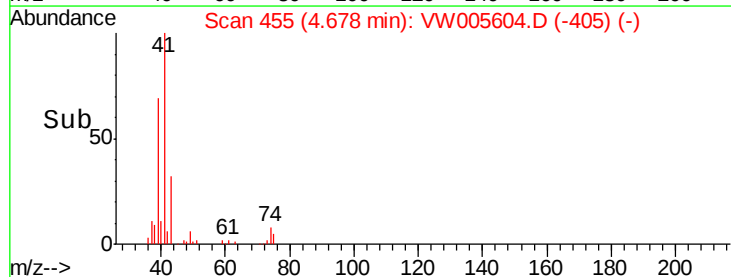
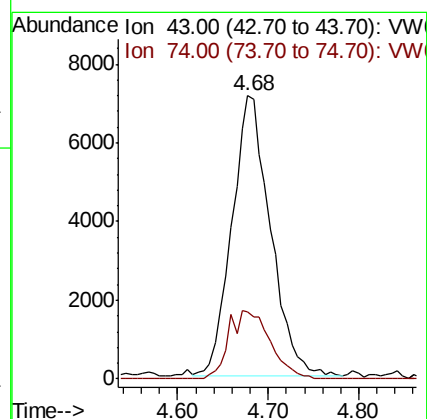
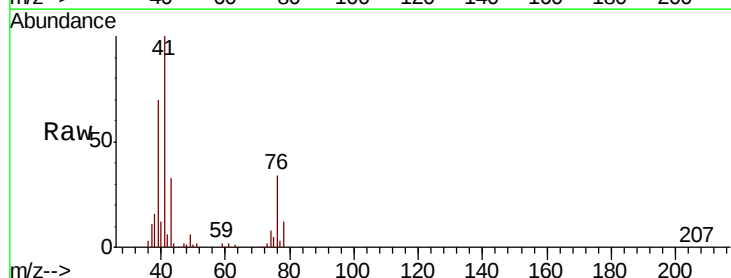
Acq: 25 Sep 2018 12:17

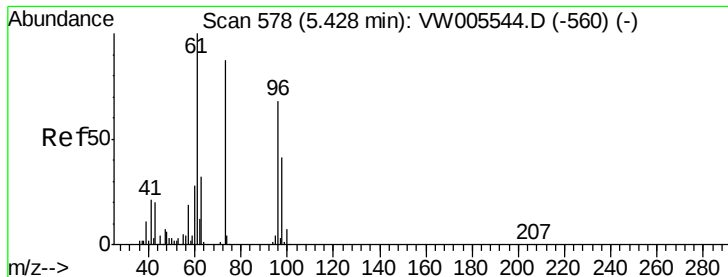
Tgt Ion: 43 Resp: 20842

Ion Ratio Lower Upper

43 100

74 26.2 19.2 28.8





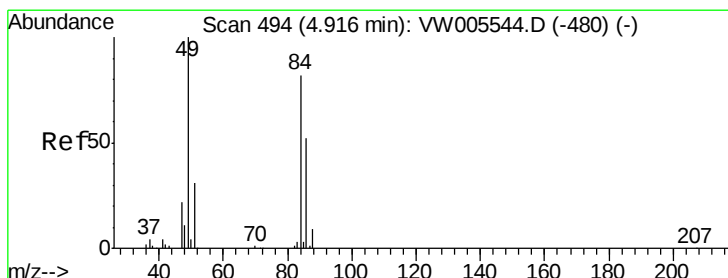
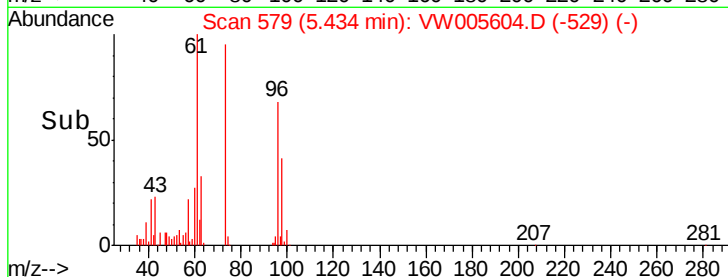
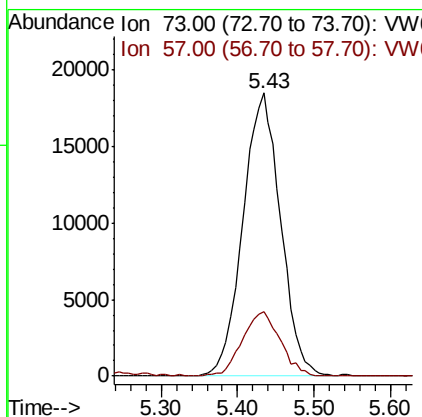
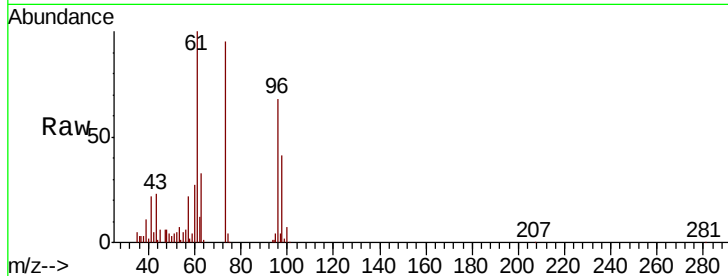
#19
Methvl tert-butvl Ether
Concen: 18.887 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion: 73 Resp: 63425
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

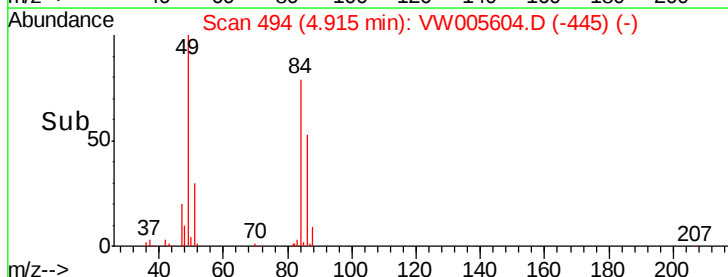
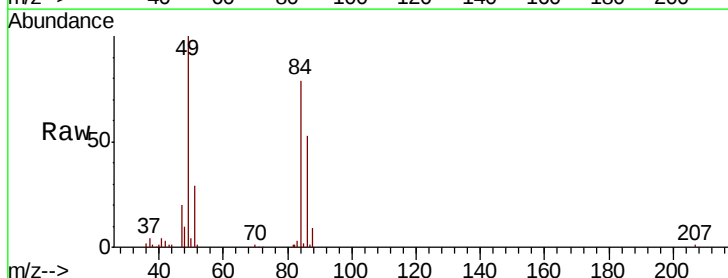
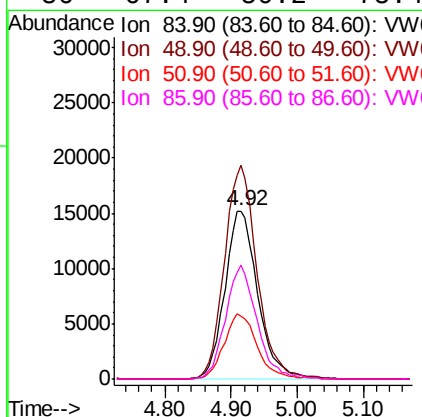
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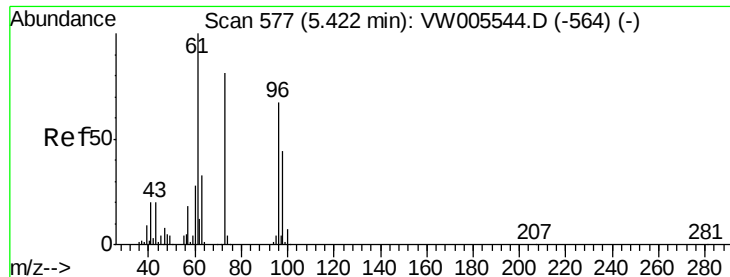
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#20
Methylene Chloride
Concen: 19.663 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion: 84 Resp: 52497
Ion Ratio Lower Upper
84 100
49 127.1 97.0 145.6
51 37.4 30.2 45.2
86 67.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 19.375 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

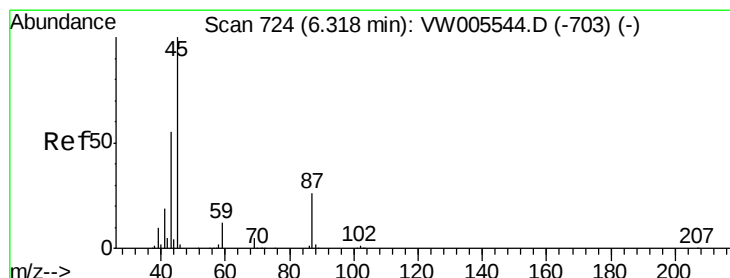
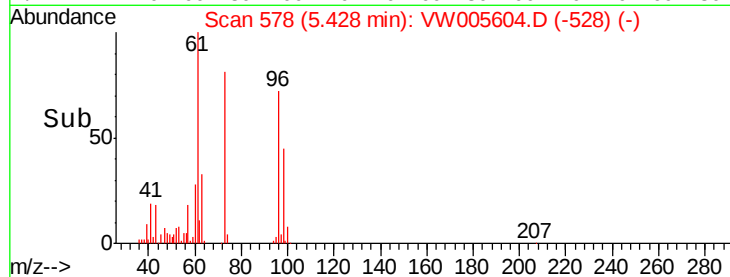
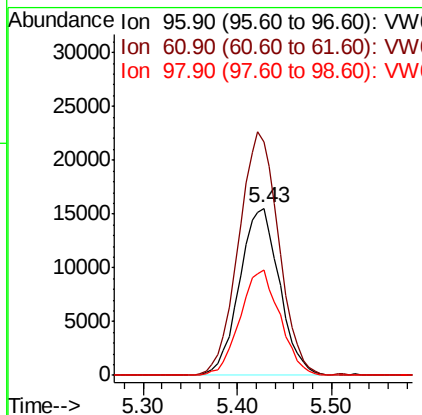
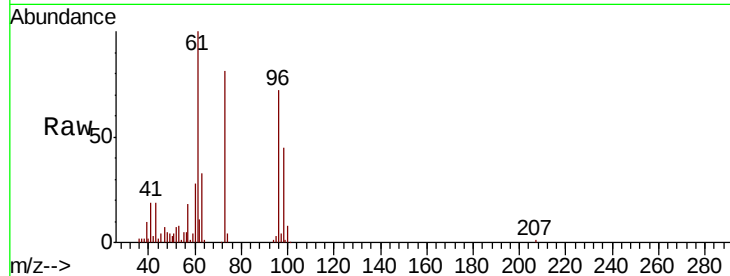
ClientSampleId :

VW0925SBS01

Tot Ion:	96	Resp:	46169
Ion	Ratio	Lower	Upper
96	100		
61	139.8	118.9	178.3
98	63.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 18.897 ug/l

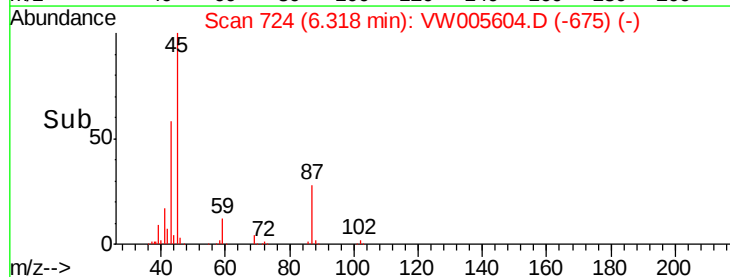
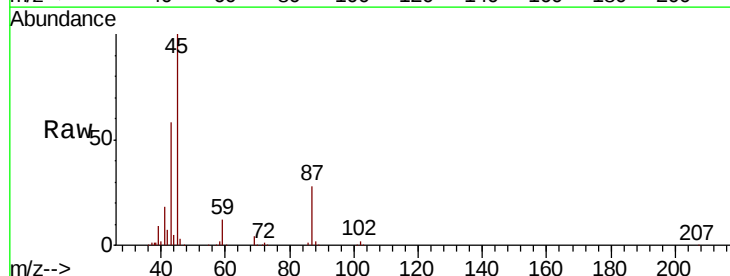
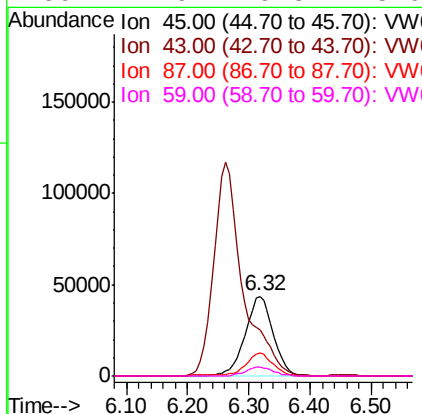
RT: 6.32 min Scan# 724

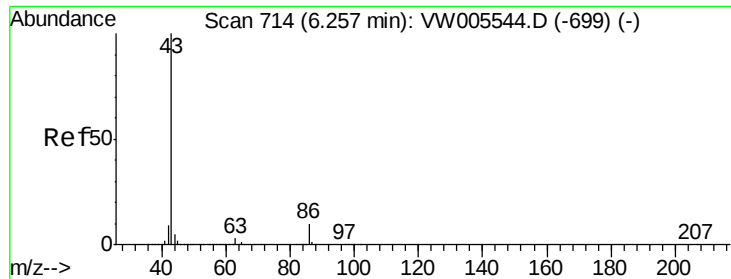
Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion:	45	Resp:	139281
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.2	66.4
87	28.0	21.4	32.2
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 92.583 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleID :

VW0925SBSD01

Tot Ion: 43 Resp: 390038

Ion Ratio Lower Upper

43 100

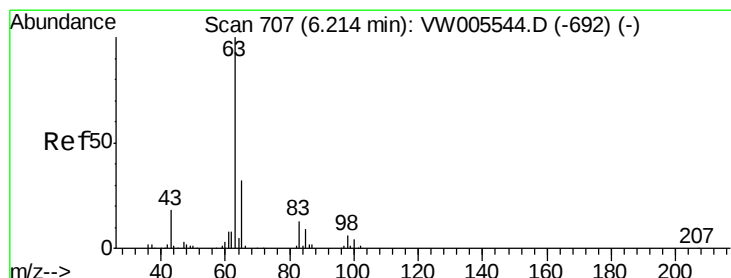
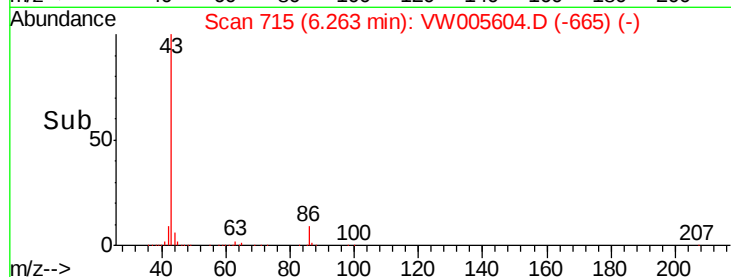
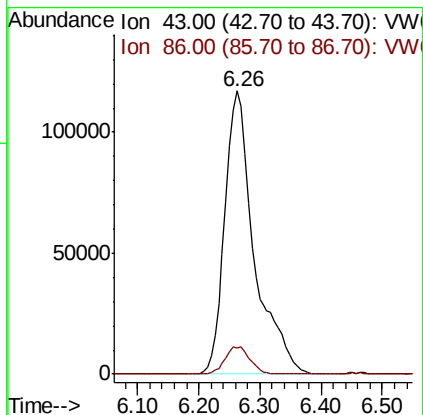
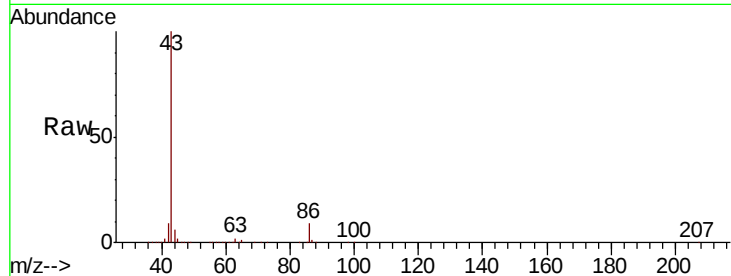
86 9.4 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 18.855 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

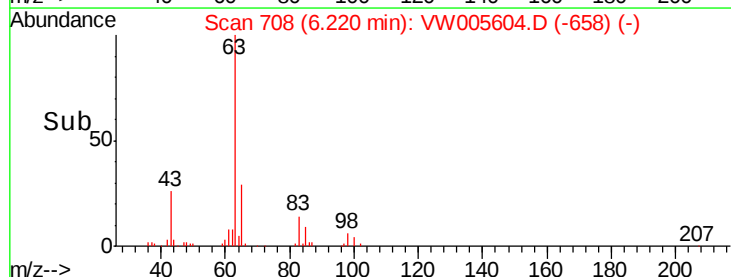
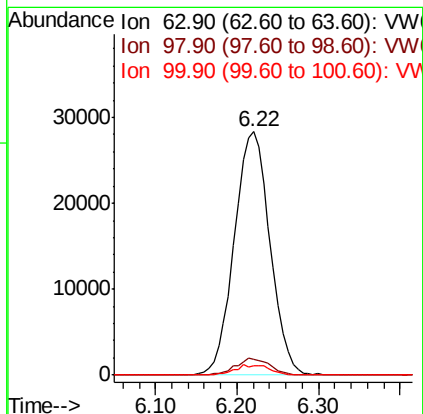
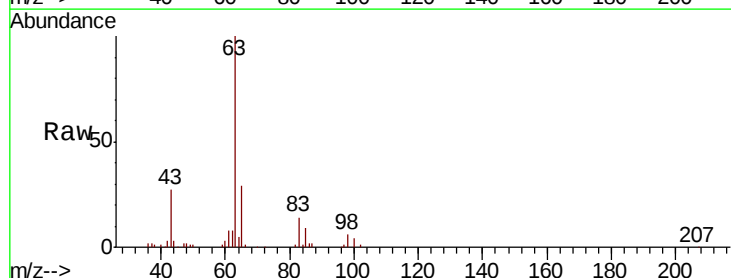
Tgt Ion: 63 Resp: 85863

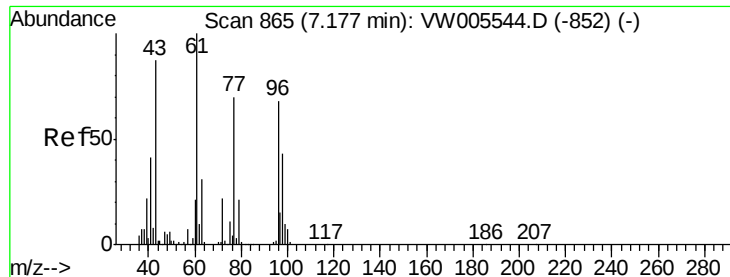
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 89.785 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleID :

VW0925SBS01

Tot Ion: 43 Resp: 61368

Ion Ratio Lower Upper

43 100

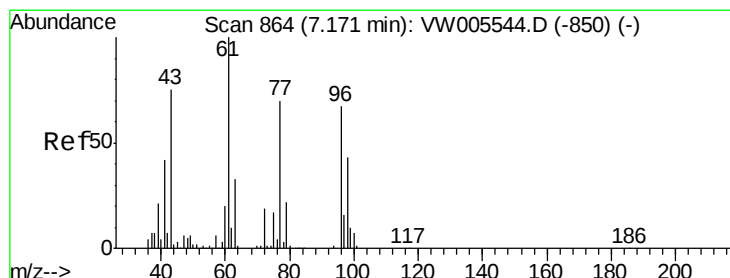
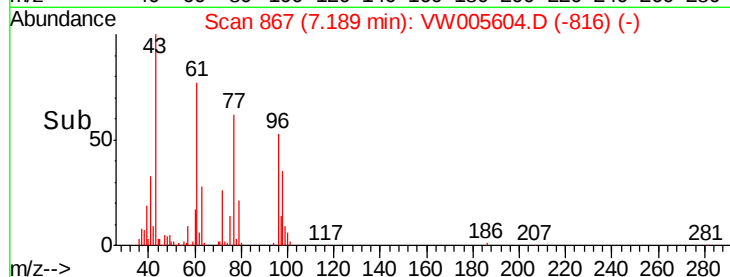
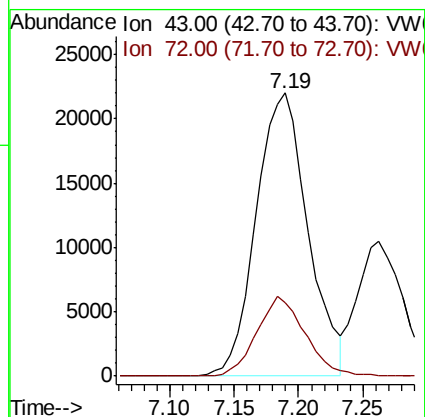
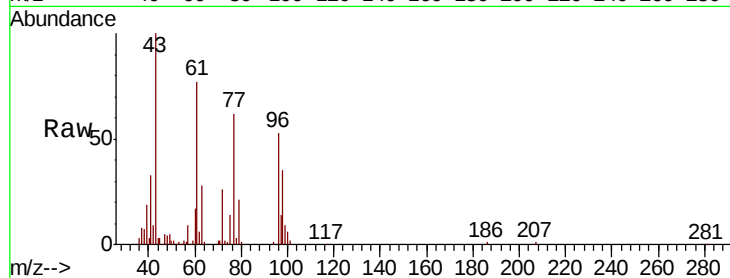
72 25.8 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.129 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005604.D

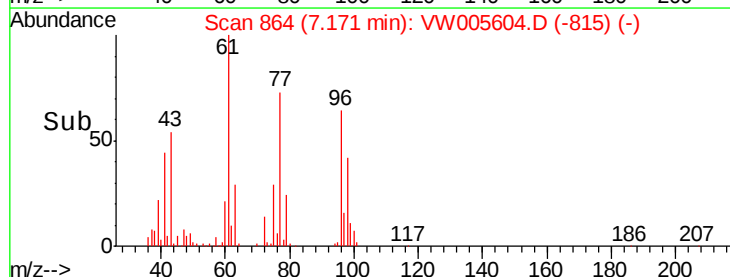
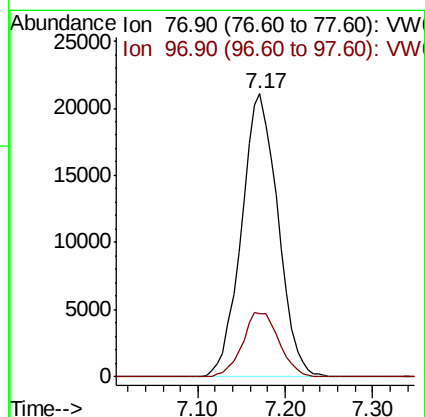
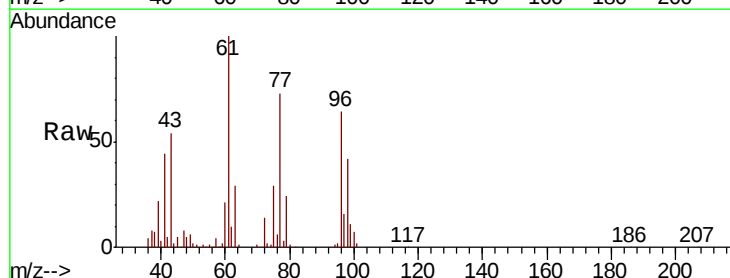
Acq: 25 Sep 2018 12:17

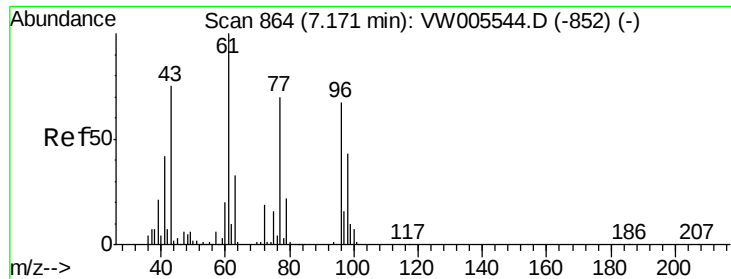
Tgt Ion: 77 Resp: 60816

Ion Ratio Lower Upper

77 100

97 22.9 11.0 33.0





#27

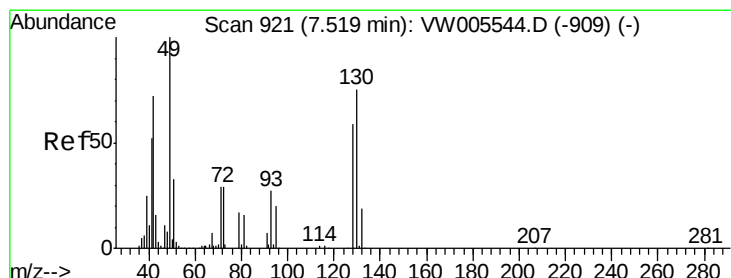
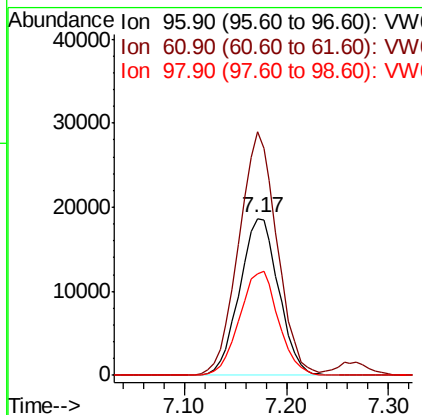
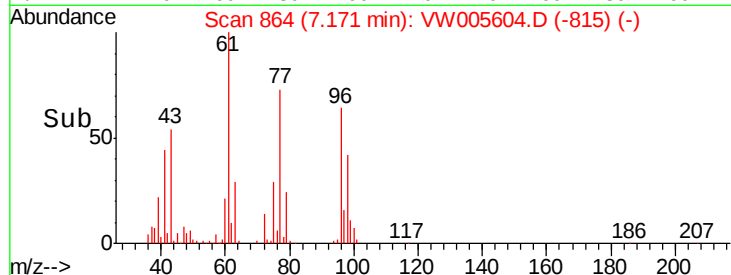
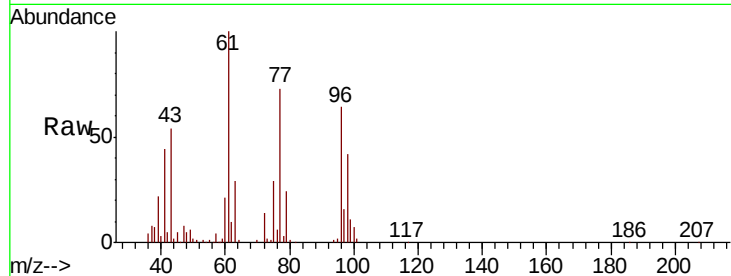
cis-1,2-Dichloroethene
Concen: 18.847 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49536		
61	152.7		0.0	303.4
98	66.2		0.0	127.2

Manual Integrations
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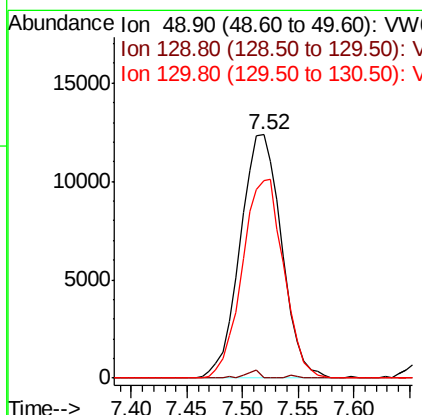
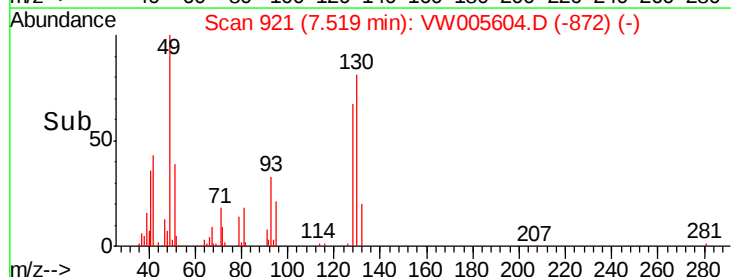
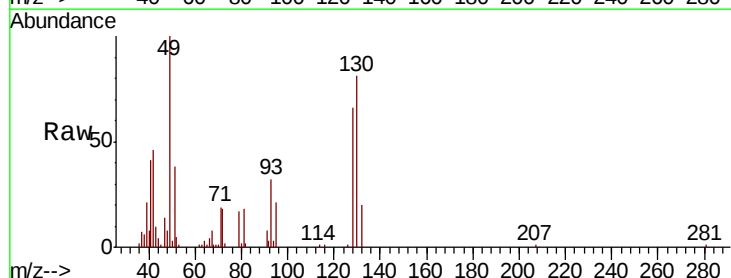
apatel
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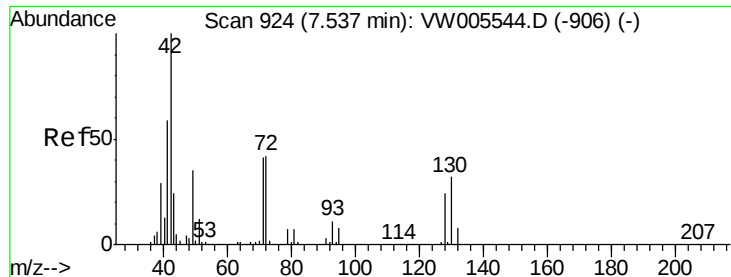


#28

Bromochloromethane
Concen: 17.715 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31955		
129	1.1		0.0	1.4
130	82.0		61.3	91.9





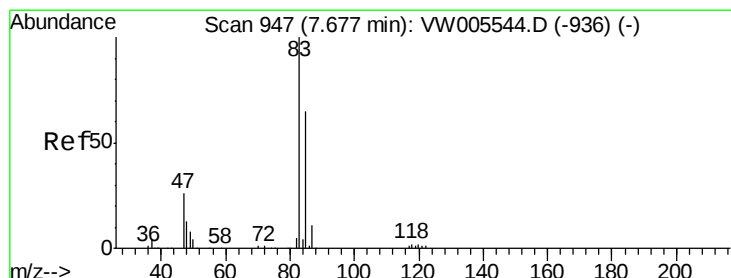
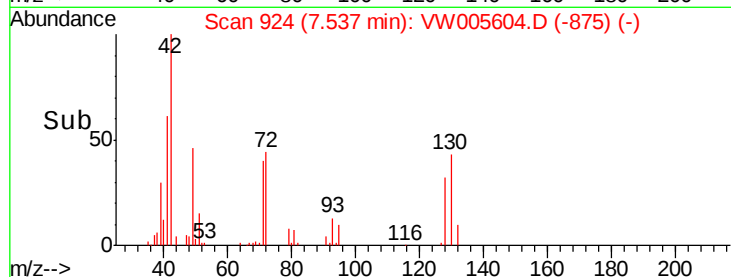
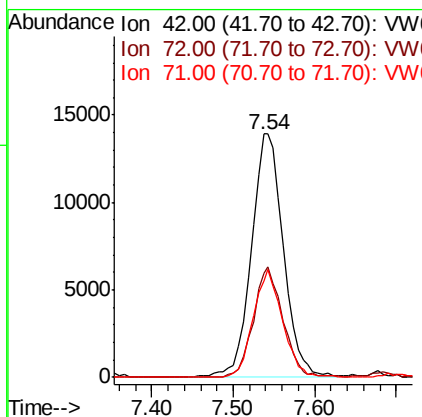
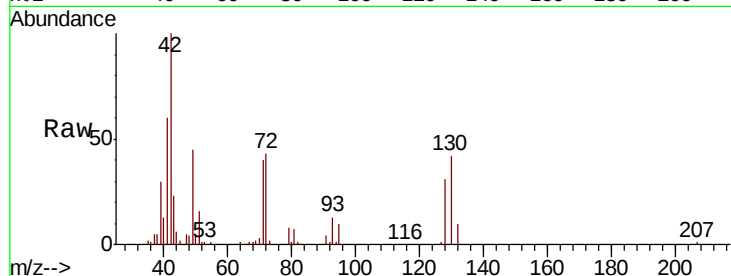
#29
Tetrahydrofuran
Concen: 89.343 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.6	50.4
71	40.6	31.8	47.6

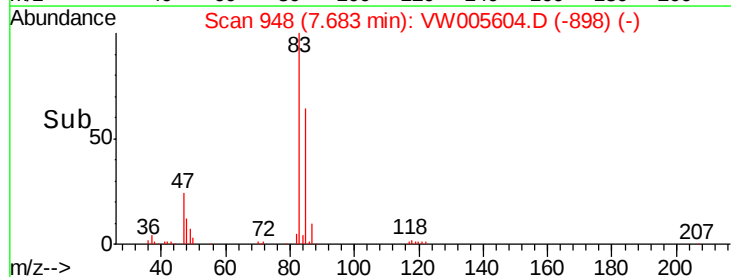
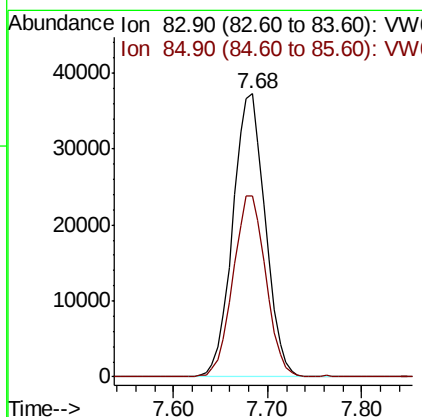
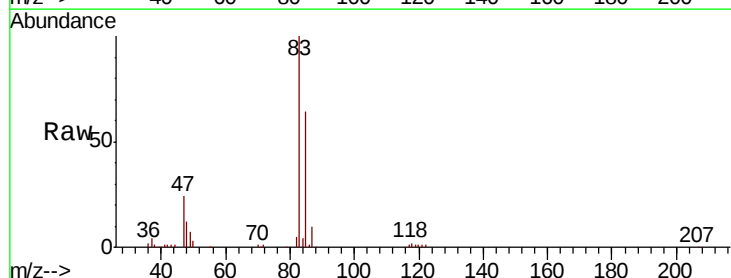
Manual Integrations
APPROVED

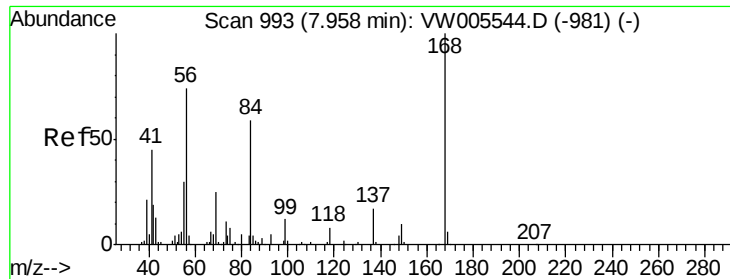
apatel
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#30
Chloroform
Concen: 19.029 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6





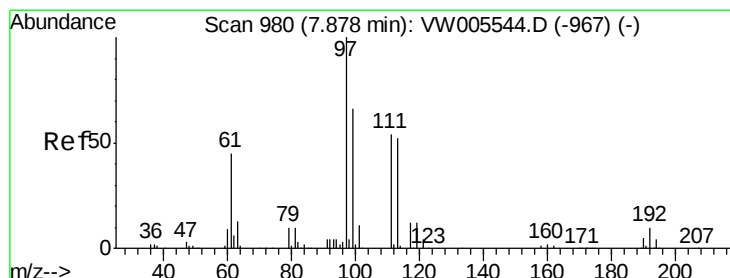
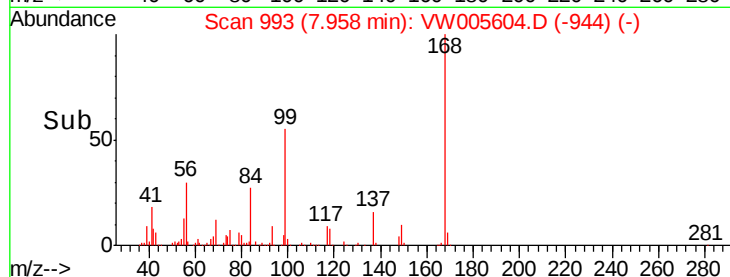
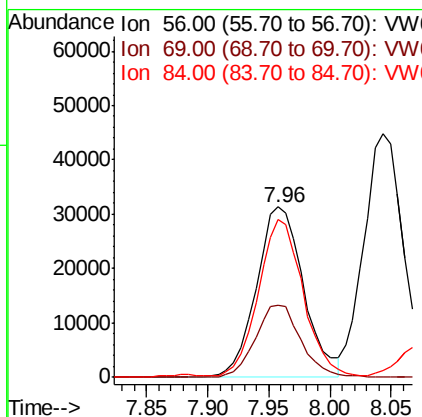
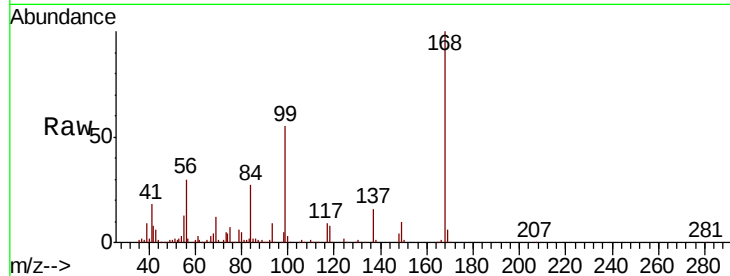
#31
Cyclohexane
Concen: 19.247 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.0	27.0	40.4#
84	90.9	64.2	96.4

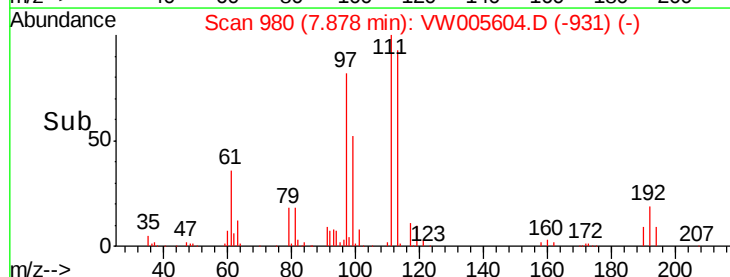
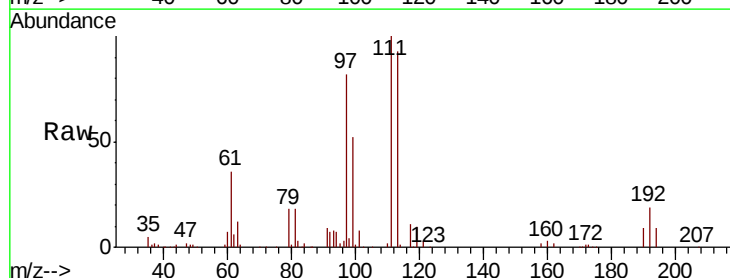
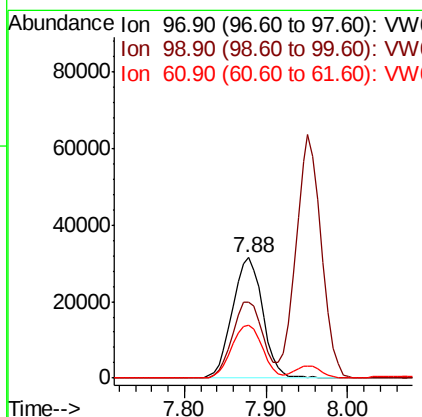
Manual Integrations
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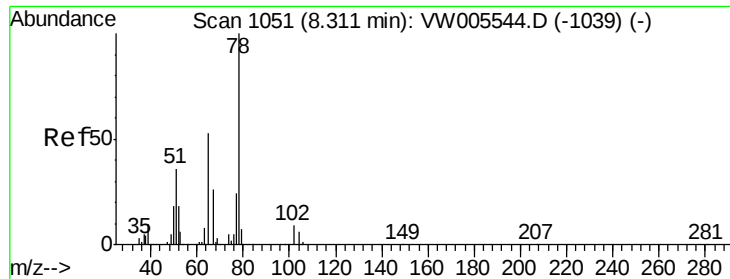
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#32
1,1,1-Trichloroethane
Concen: 19.429 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	44.9	36.2	54.2





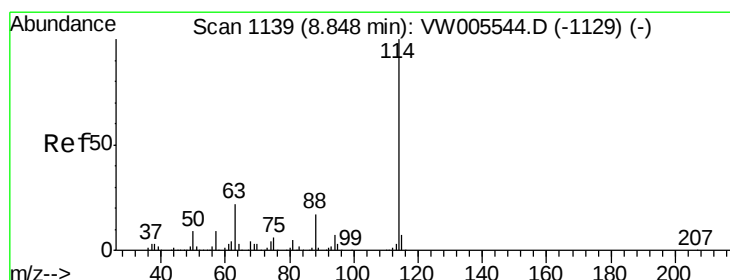
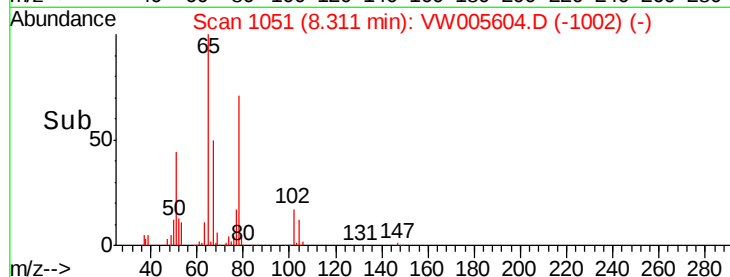
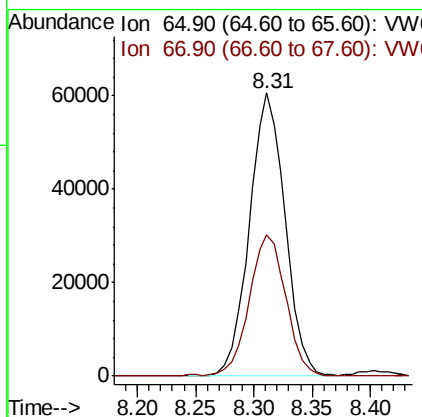
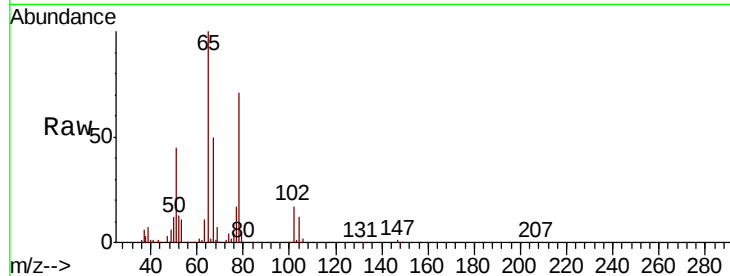
#33
 1,2-Dichloroethane-d4
 Concen: 45.908 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampled :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129194		
67	51.1	0.0	100.6	

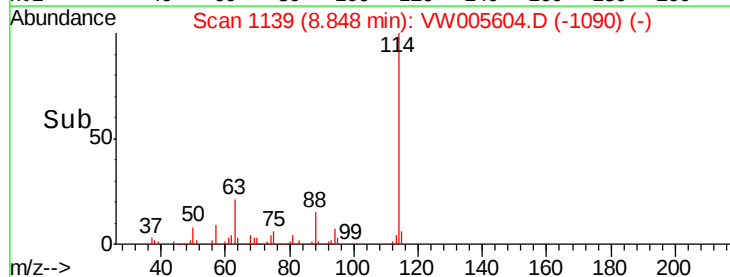
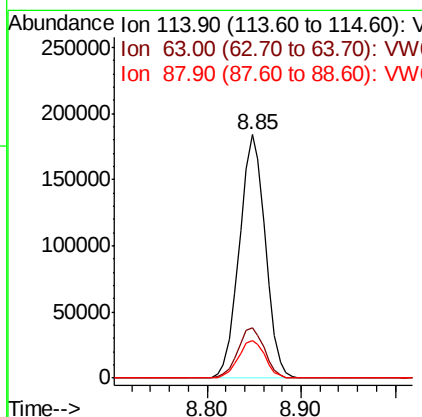
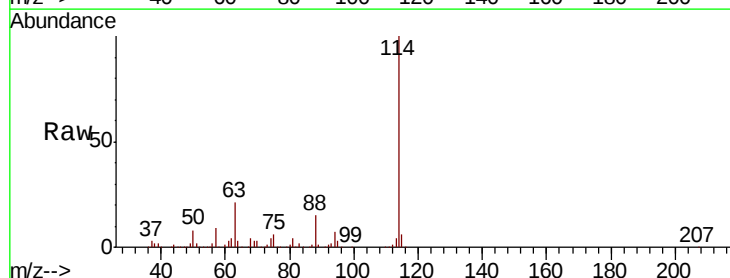
Manual Integrations
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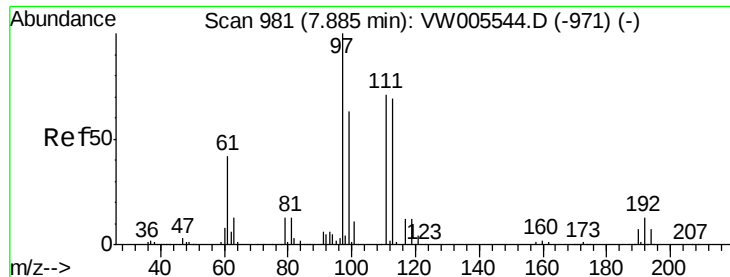
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	352439		
63	20.8	0.0	43.0	
88	15.4	0.0	33.0	





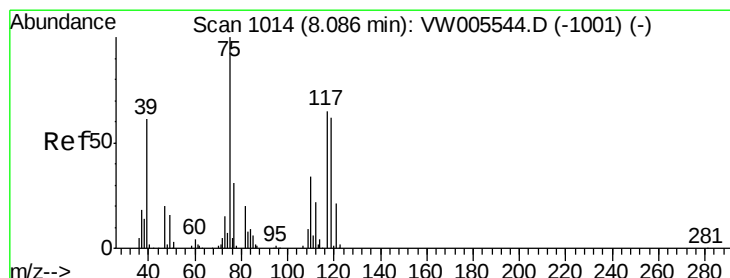
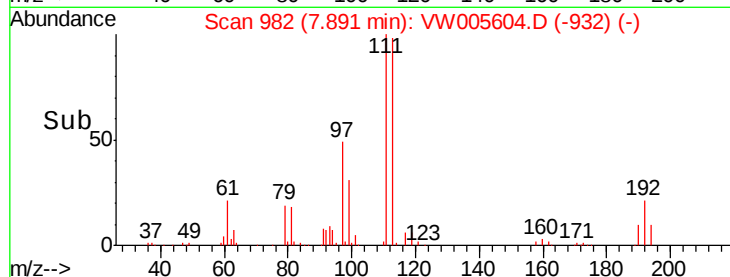
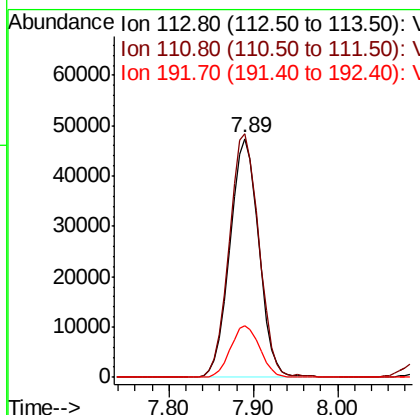
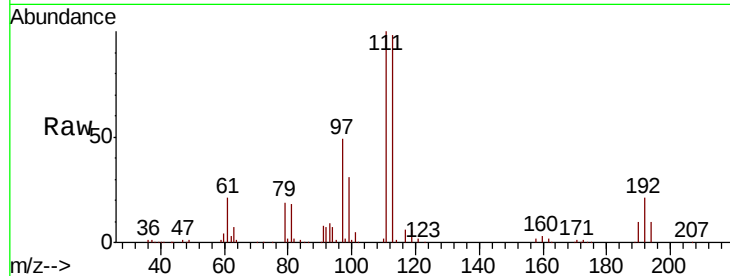
#35
 Dibromofluoromethane
 Concen: 49.647 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.8	82.6	123.8	
192	22.0	17.0	25.4	

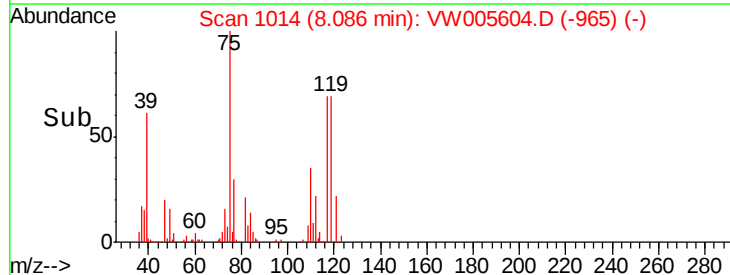
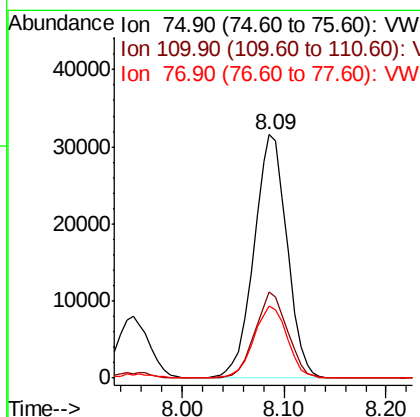
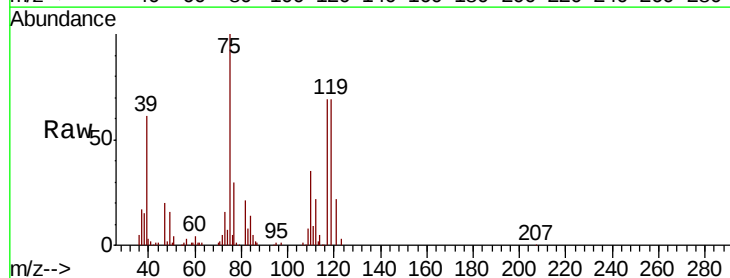
Manual Integrations
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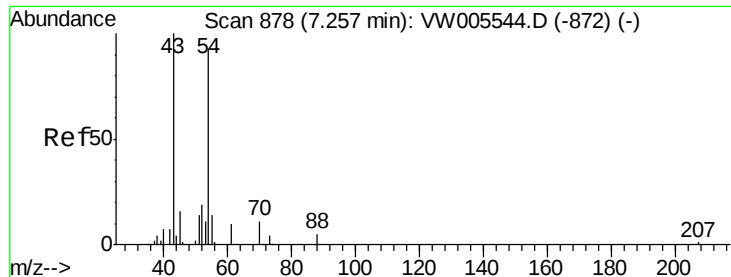
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#36
 1,1-Dichloropropene
 Concen: 20.086 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.5	17.0	50.9	
77	30.2	24.8	37.2	





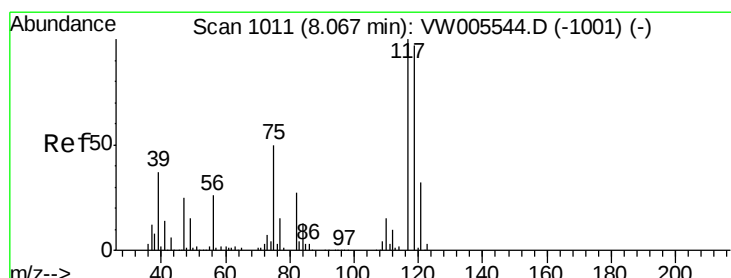
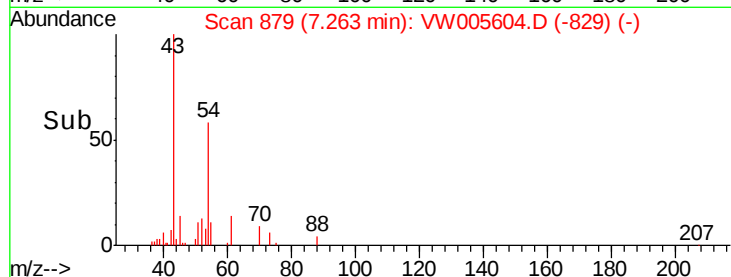
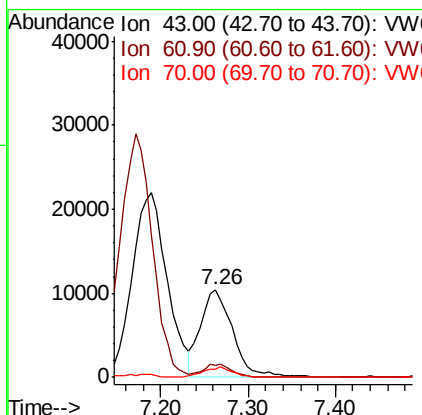
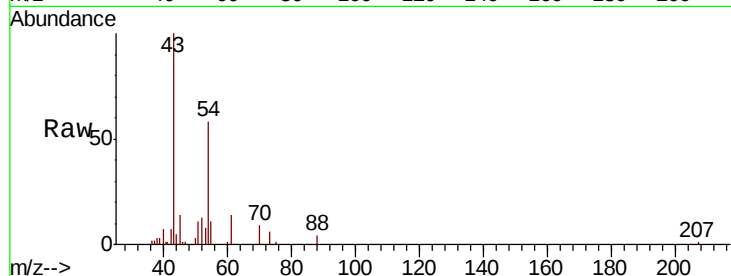
#37
Ethyl Acetate
Concen: 18.047 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion:	43	Resp:	26945
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.5	8.2	12.2

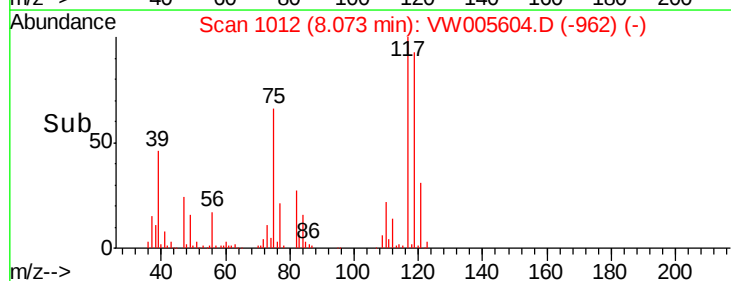
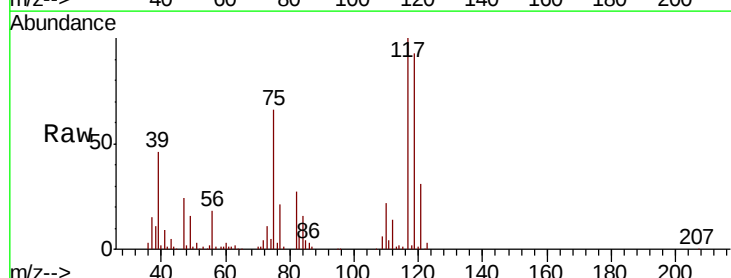
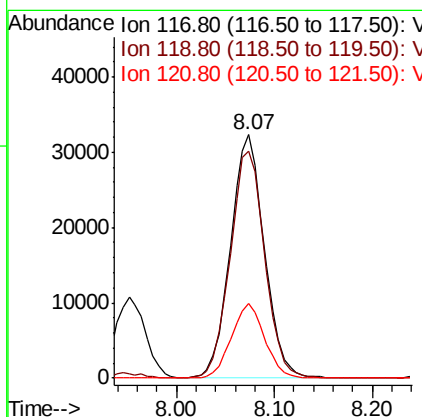
Manual Integrations
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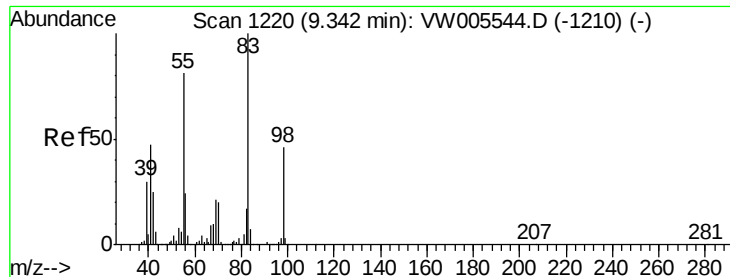
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#38
Carbon Tetrachloride
Concen: 20.399 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion:	117	Resp:	77552
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.6	116.4
121	30.6	25.7	38.5





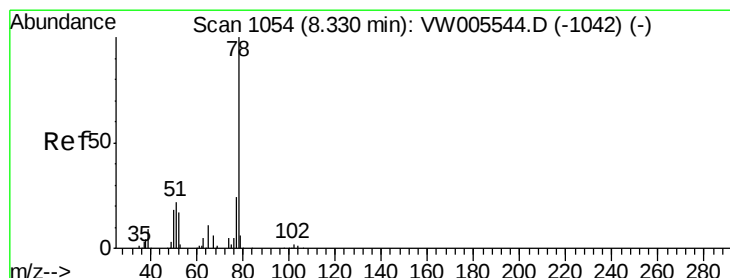
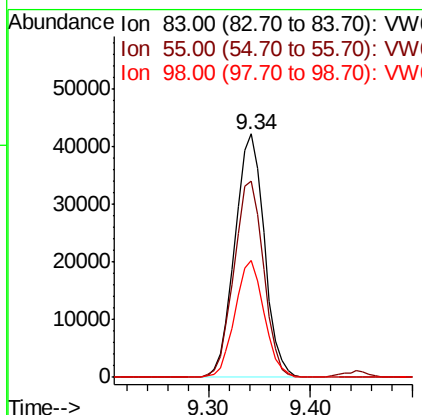
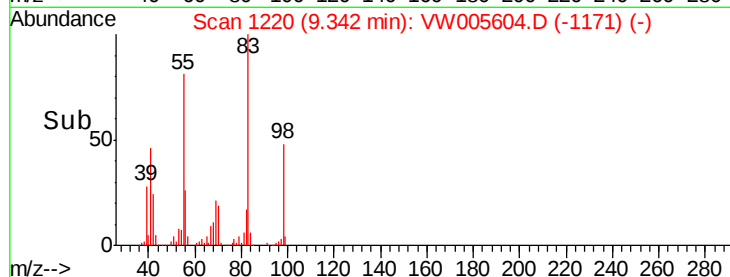
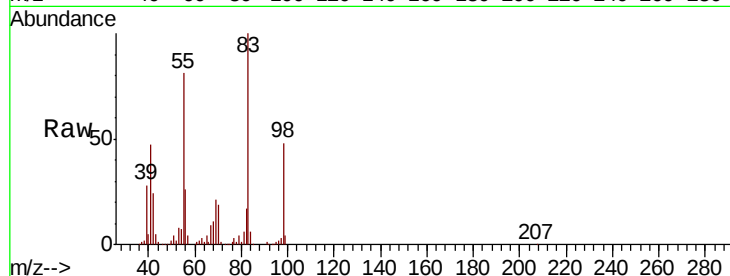
#39
Methvlcvclohexane
Concen: 20.215 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.6	97.0
98	47.9	37.0	55.6

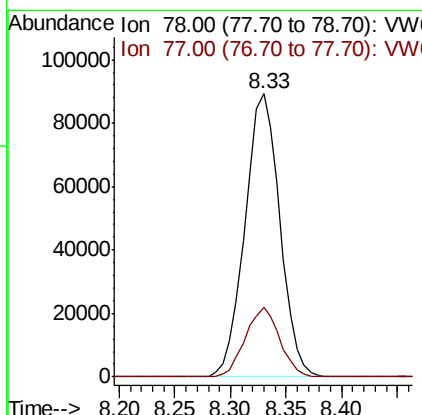
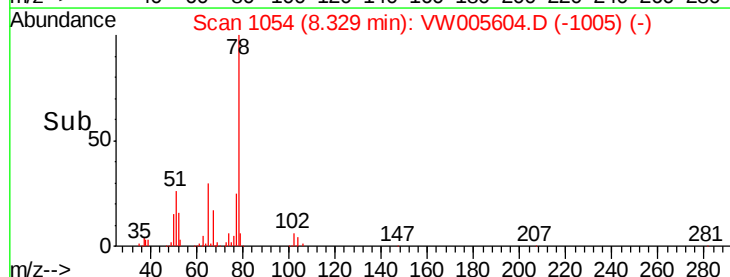
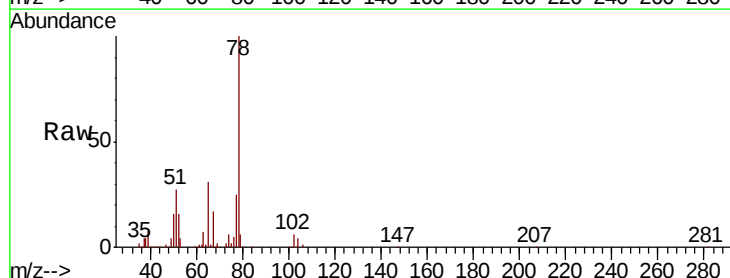
Manual Integrations
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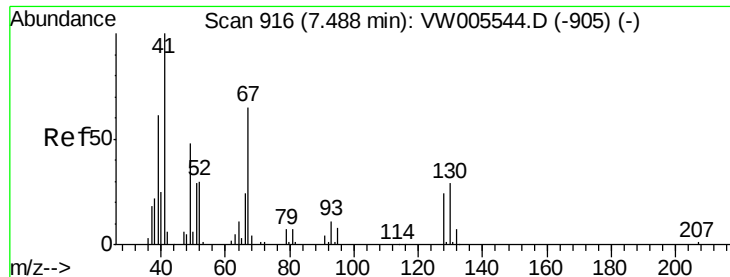
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#40
Benzene
Concen: 19.400 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





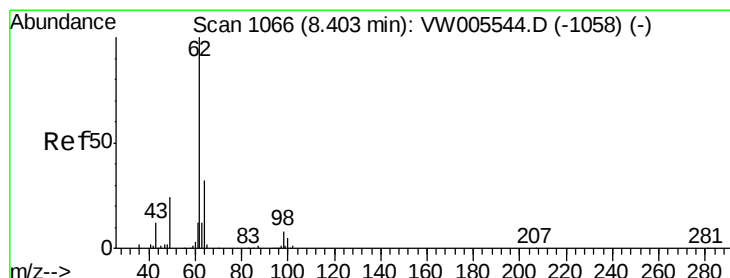
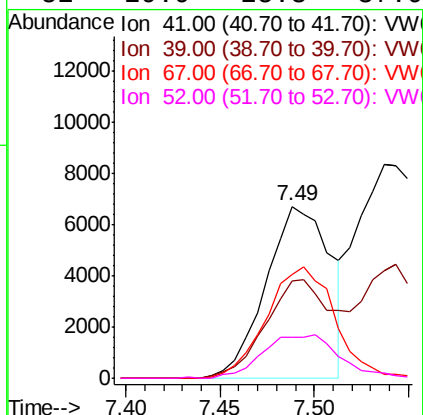
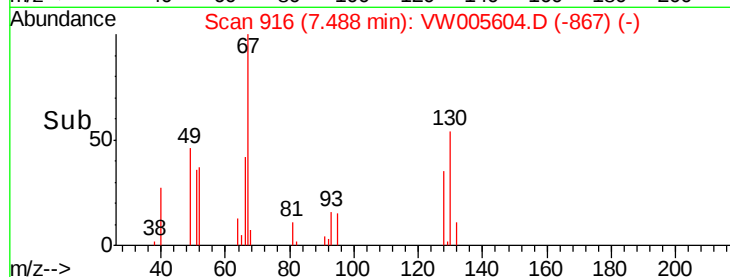
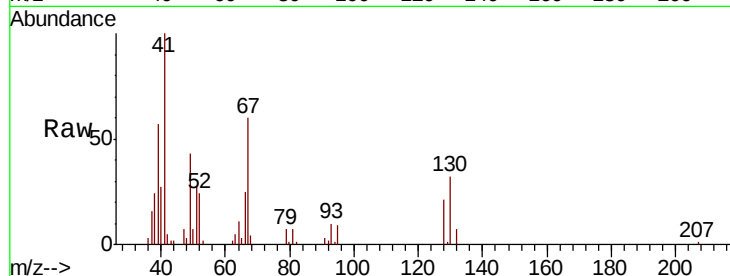
#41
Methacrylonitrile
Concen: 18.819 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.4	68.2
67	68.5	55.2	82.8
52	29.9	25.3	37.9

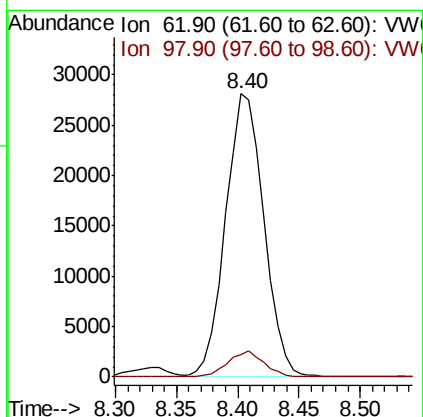
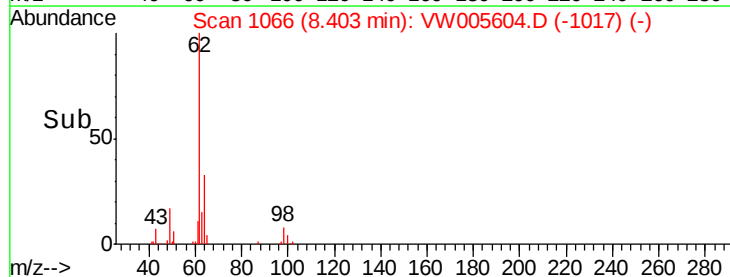
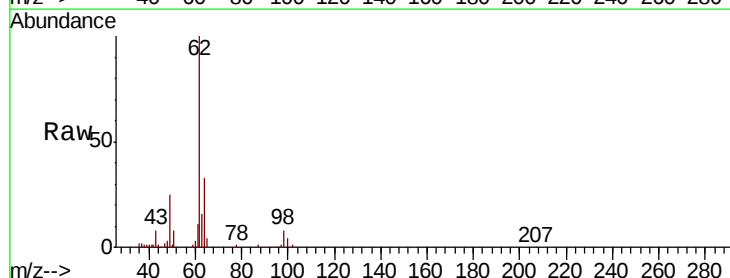
Manual Integrations
APPROVED

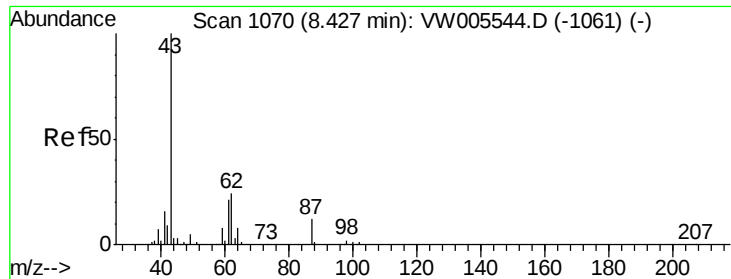
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#42
1,2-Dichloroethane
Concen: 18.931 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.6





#43

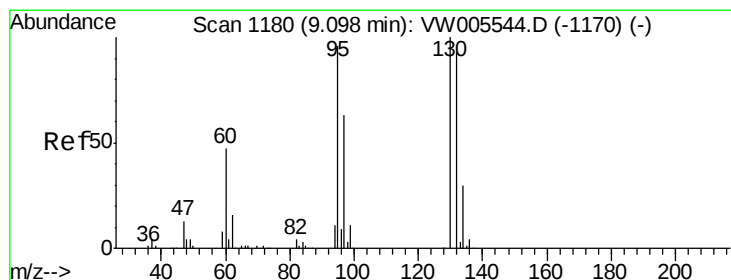
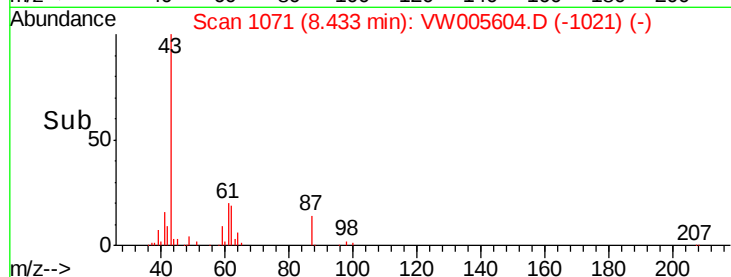
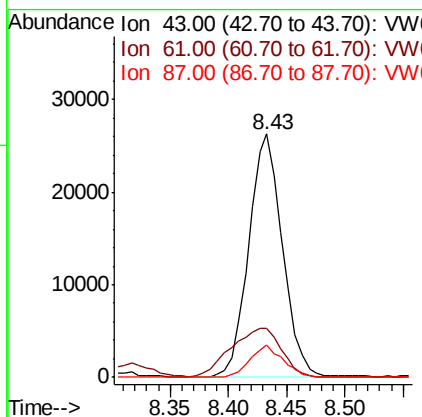
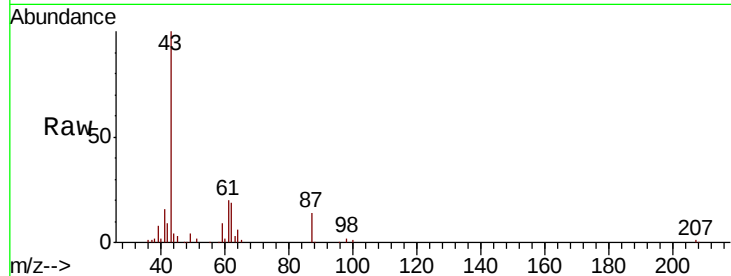
Isopropyl Acetate
 Concen: 17.976 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.1	36.1
87	13.0	9.8	14.8

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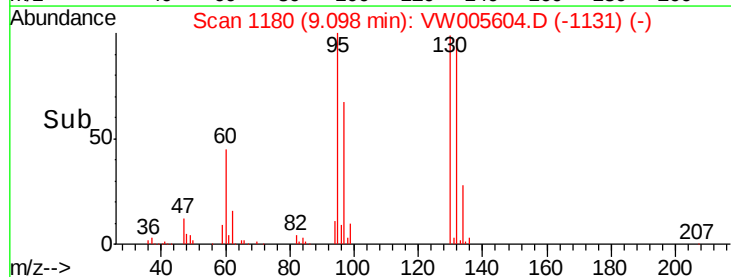
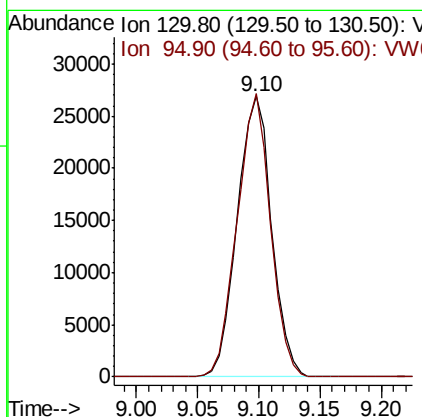
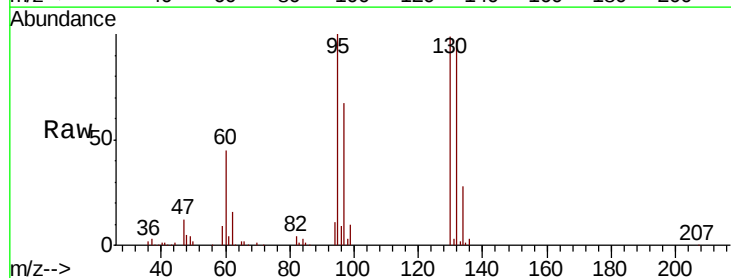
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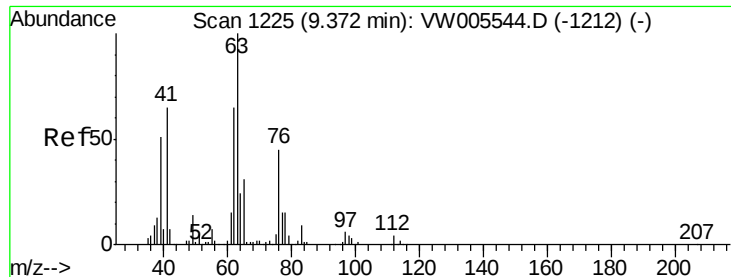


#44

Trichloroethene
 Concen: 20.427 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.815 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleID :

VW0925SBS01

Tot Ion: 63 Resp: 46530

Ion Ratio Lower Upper

63 100

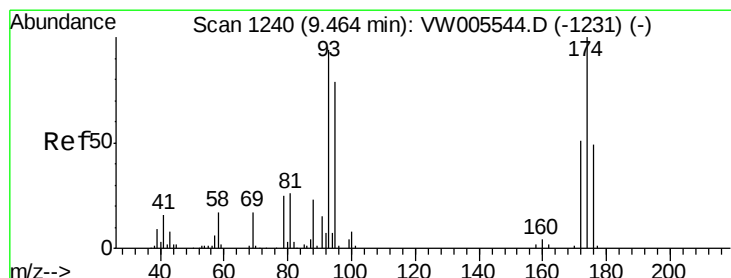
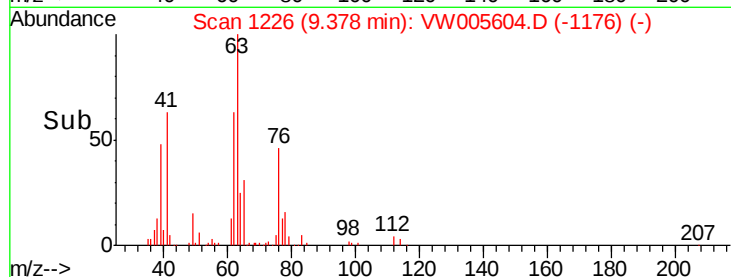
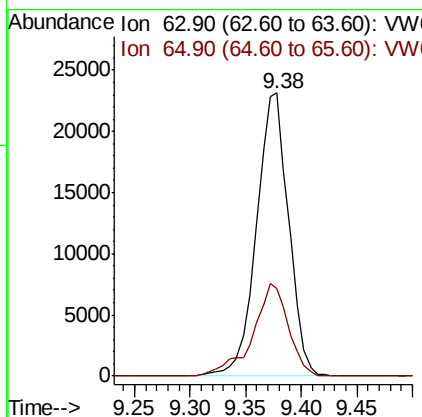
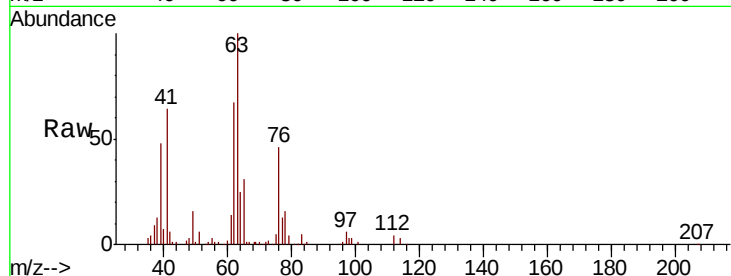
65 31.1 24.7 37.1

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#46

Dibromomethane

Concen: 18.687 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

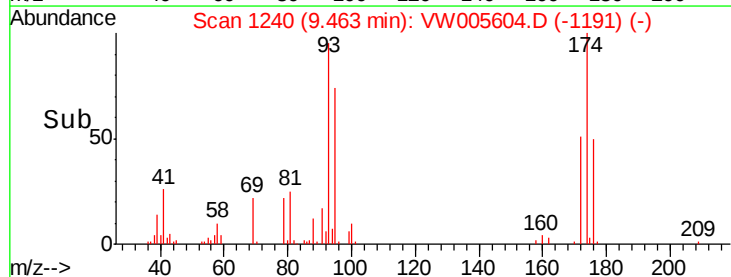
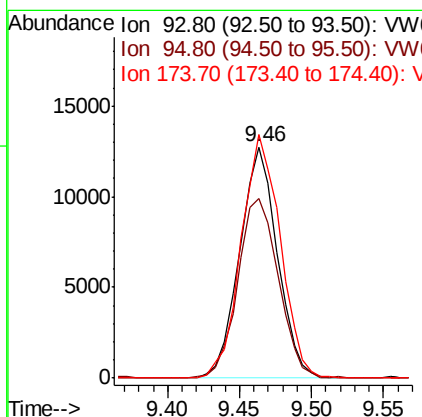
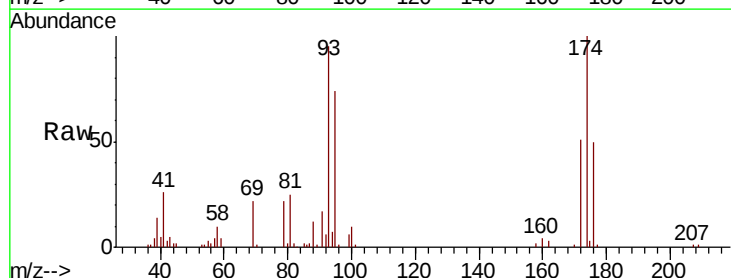
Tgt Ion: 93 Resp: 23091

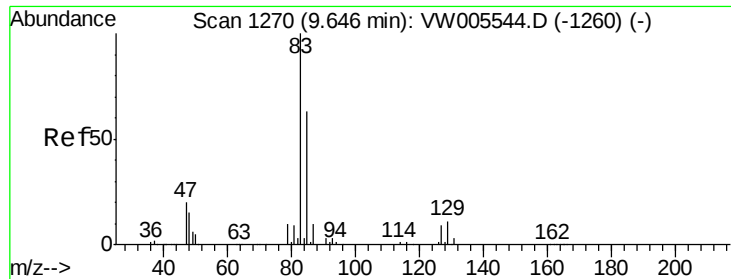
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 109.2 84.0 126.0





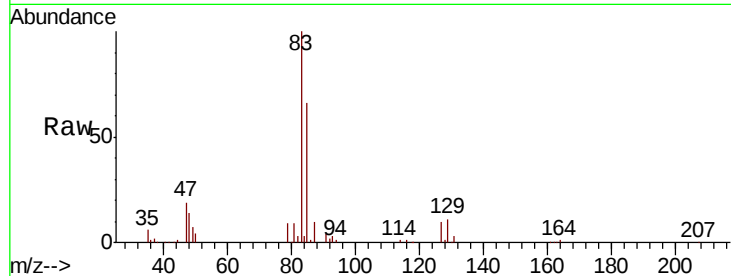
#47
Bromodichloromethane
Concen: 19.133 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

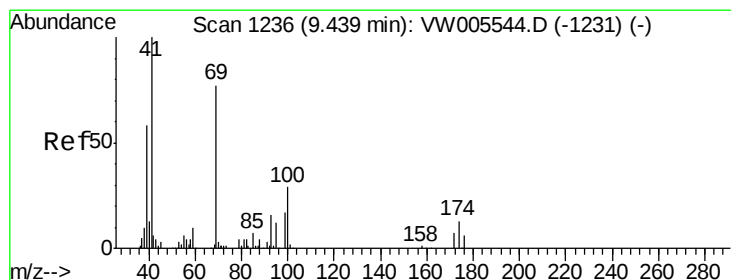
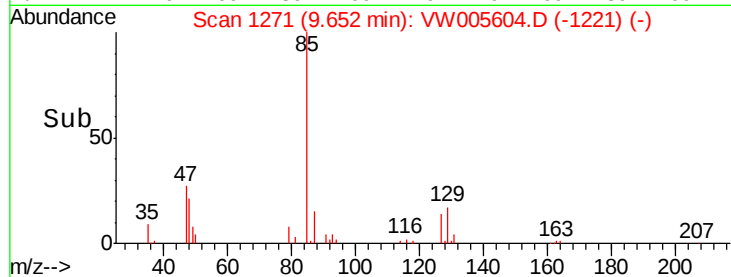
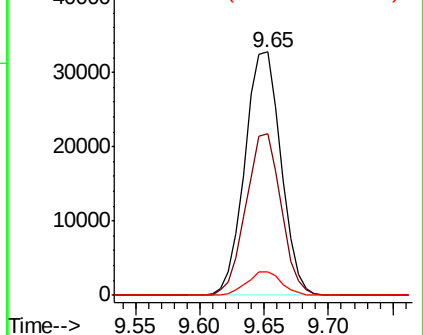
Tot Ion	Ratio	Resp	Lower	Upper
83	100	63509		
85	66.4		50.5	75.7
127	9.6		7.0	10.6

Manual Integrations
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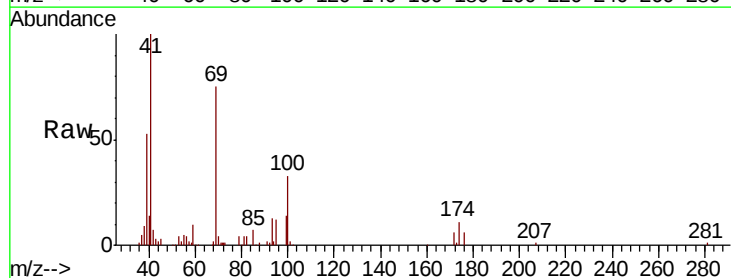


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

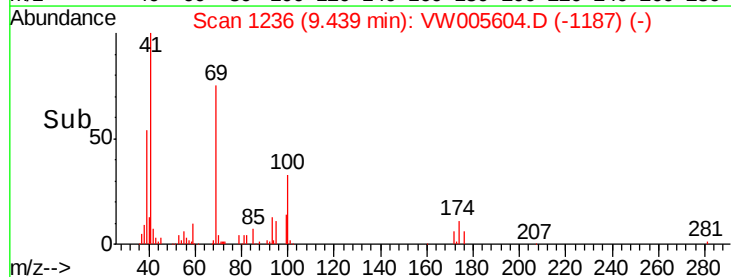
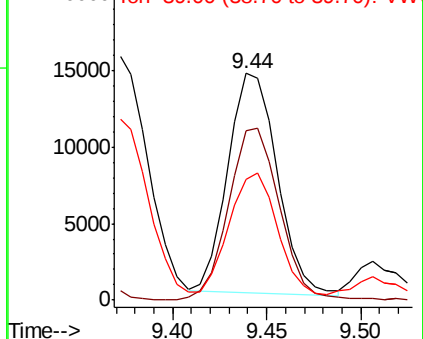


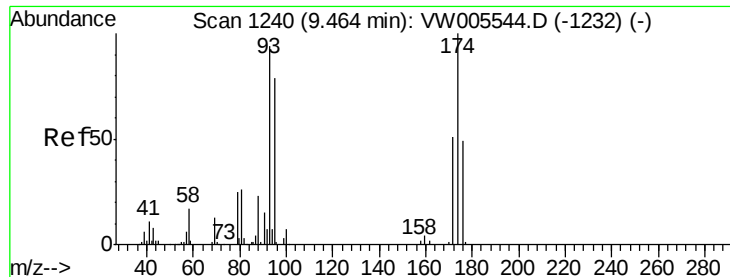
#48
Methyl methacrylate
Concen: 18.751 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	26144		
69	81.0		64.7	97.1
39	54.2		50.5	75.7



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





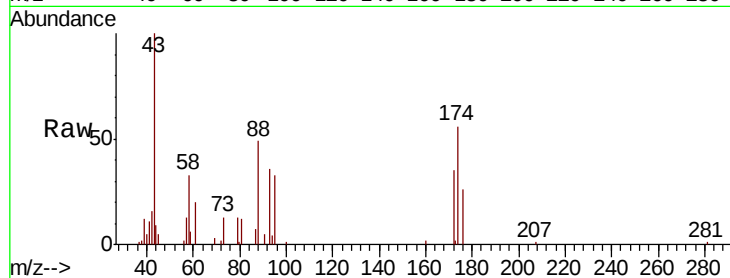
#49
1,4-Dioxane
Concen: 371.227 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.9	61.2	91.8

Manual Integrations
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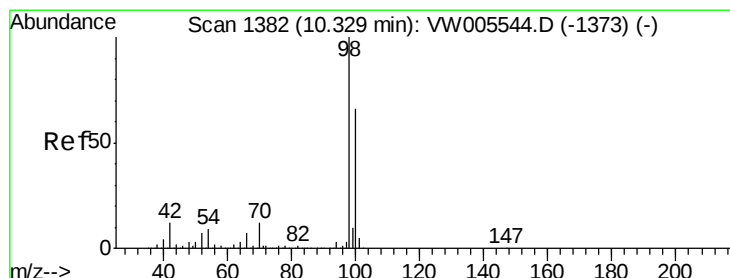
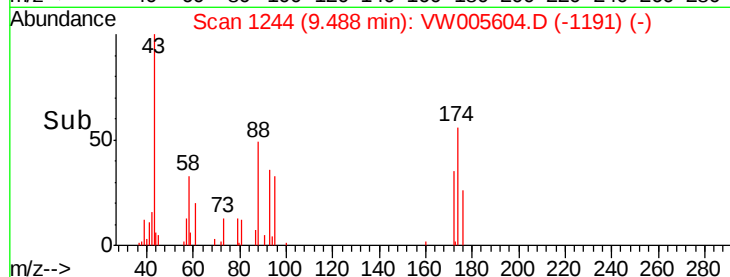
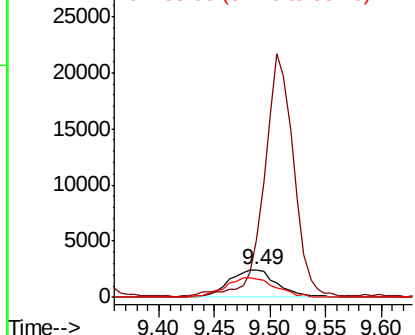


Abundance

Ion 88.00 (87.70 to 88.70): VW

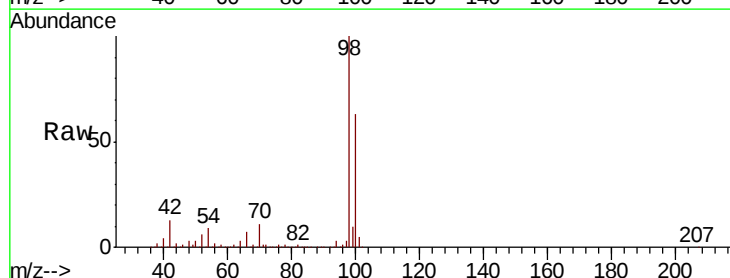
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

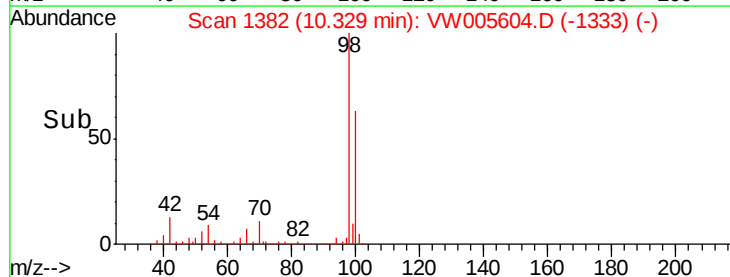
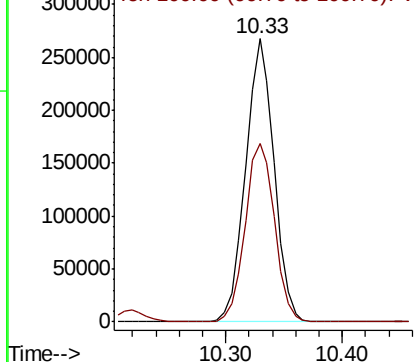
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4

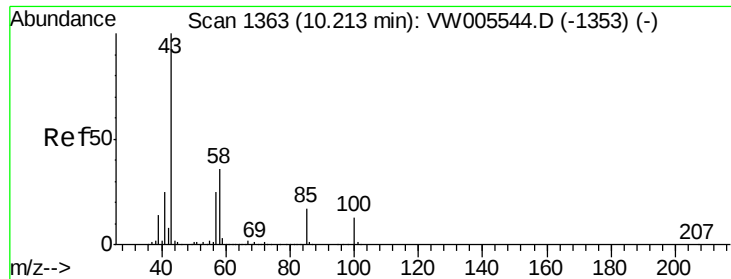


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





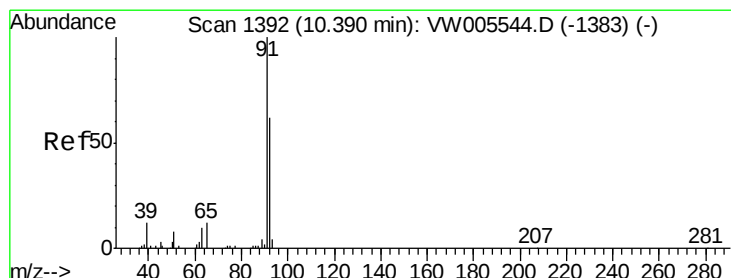
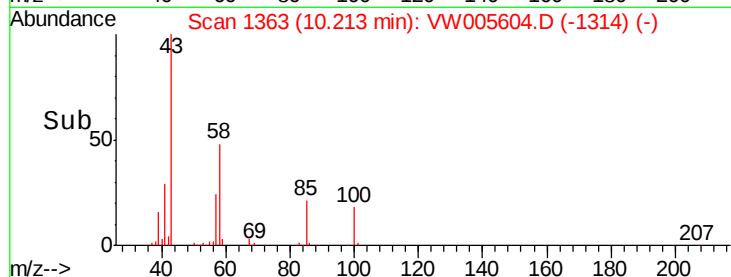
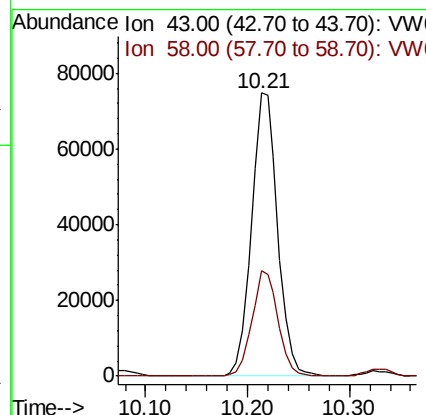
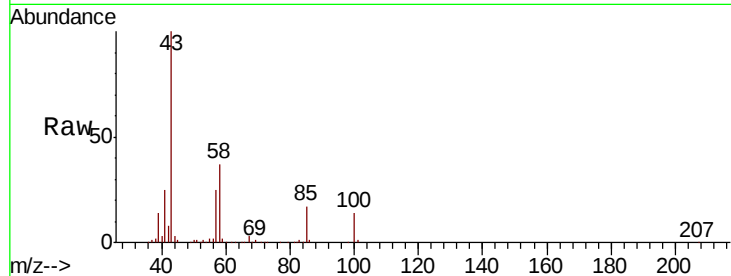
#51
4-Methyl-2-Pentanone
Concen: 90.220 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	43	Resp	133387
Ion Ratio	100	Lower	Upper
43	100		
58	37.0	30.0	45.0

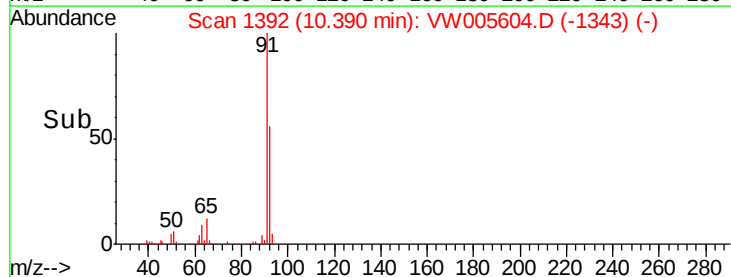
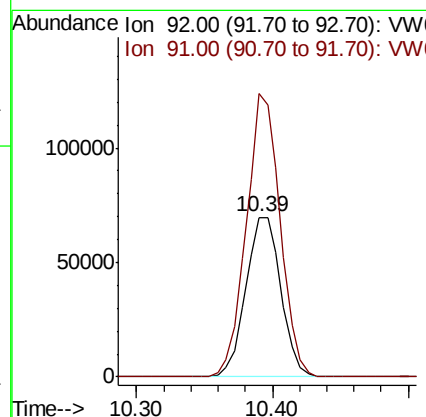
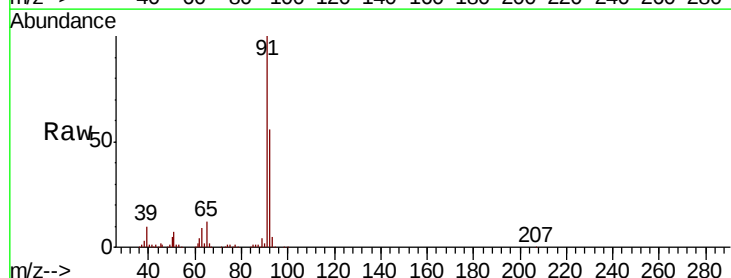
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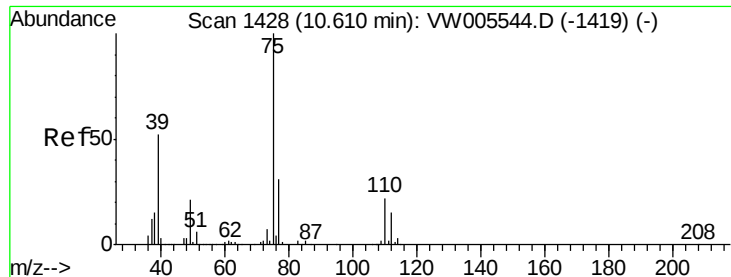
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#52
Toluene
Concen: 20.048 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	92	Resp	125744
Ion Ratio	100	Lower	Upper
92	100		
91	171.5	137.1	205.7





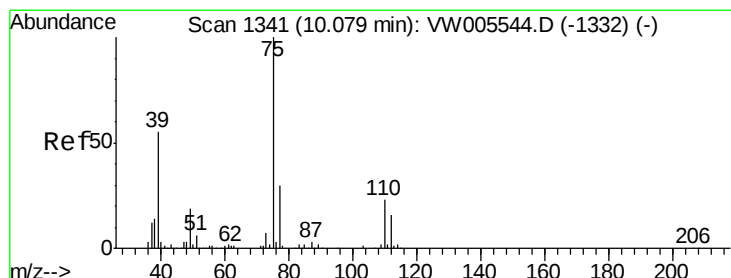
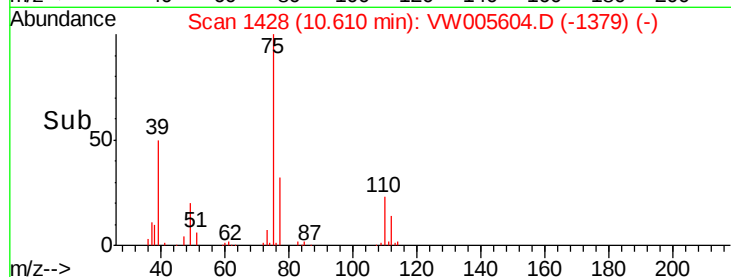
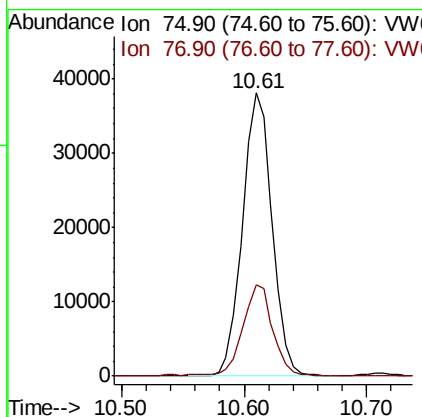
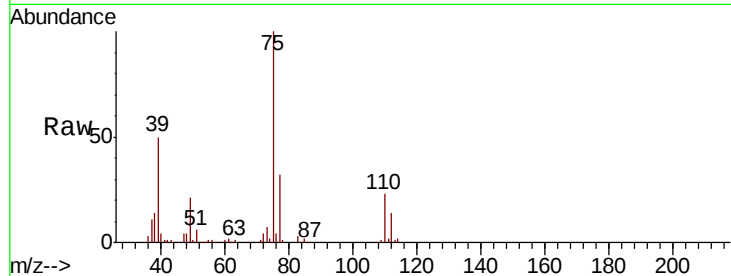
#53
 t-1,3-Dichloropropene
 Concen: 19.187 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion: 75 Resp: 63846
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0

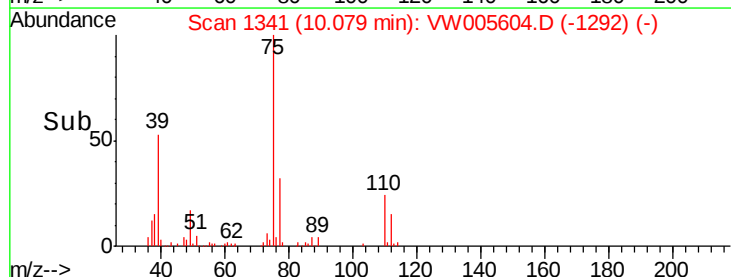
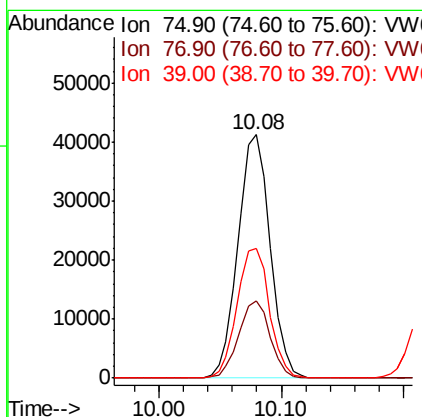
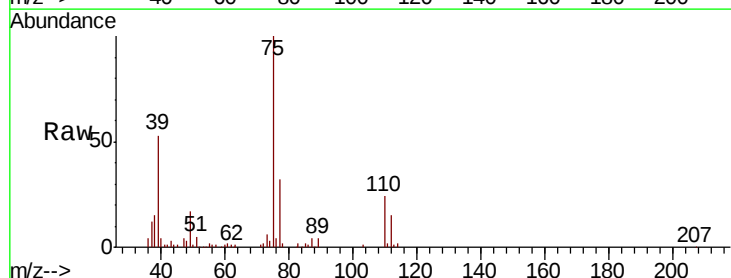
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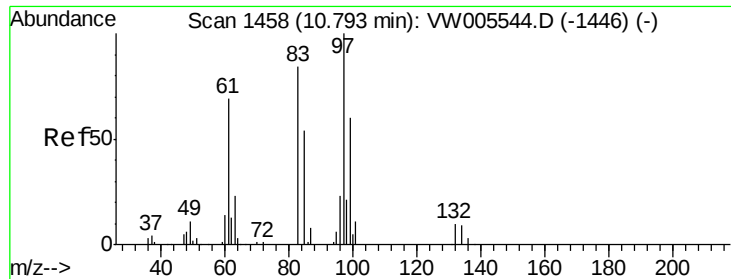
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#54
 cis-1,3-Dichloropropene
 Concen: 20.142 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion: 75 Resp: 75098
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.3 36.5
 39 53.3 43.7 65.5





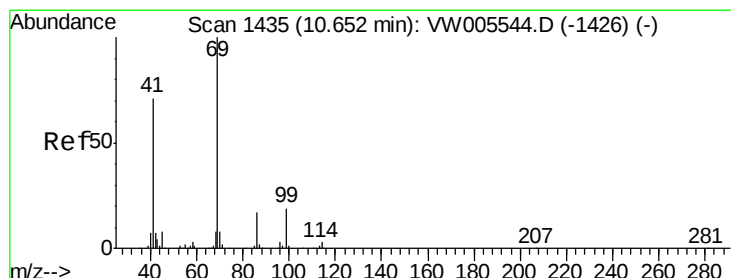
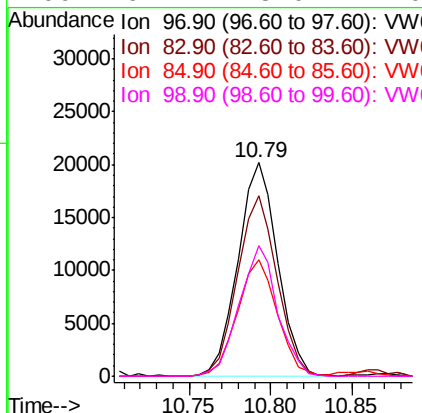
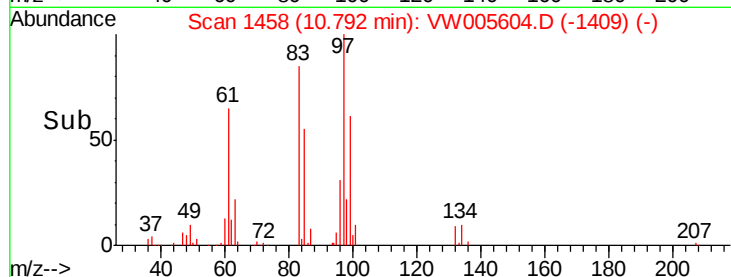
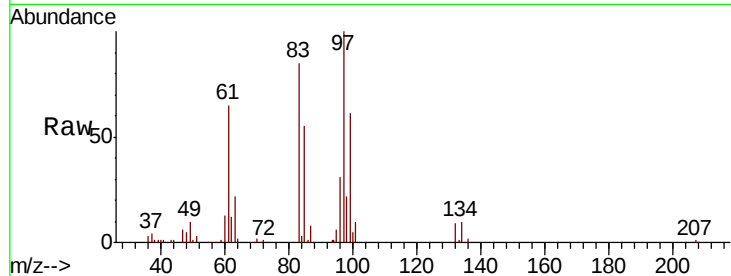
#55
 1,1,2-Trichloroethane
 Concen: 19.505 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion:	97	Resp:	34212
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.2
85	54.7	43.3	64.9
99	61.4	48.0	72.0

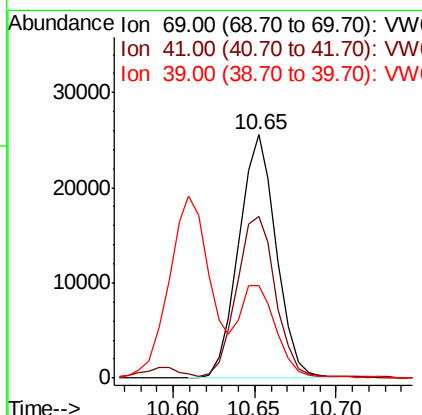
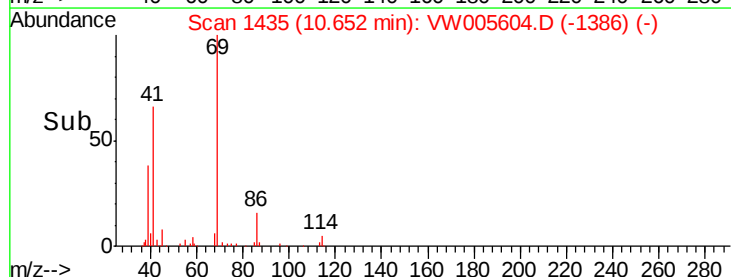
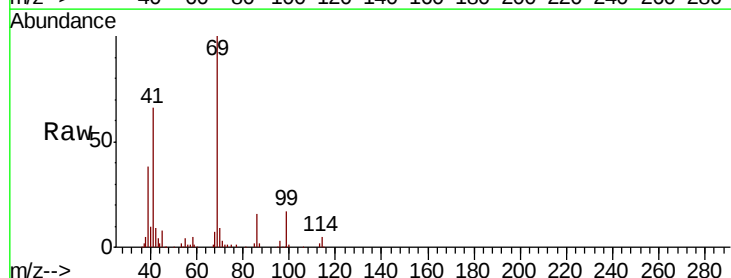
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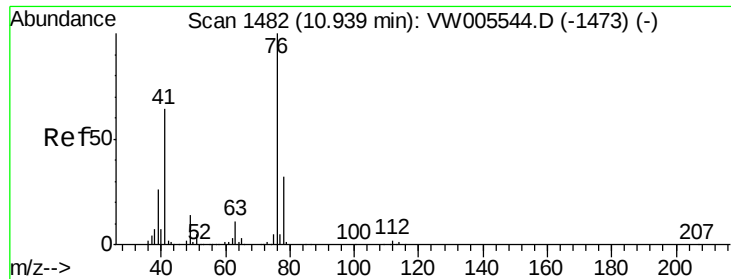
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#56
 Ethyl methacrylate
 Concen: 18.871 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion:	69	Resp:	40861
Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.3	85.9
39	36.9	29.2	43.8





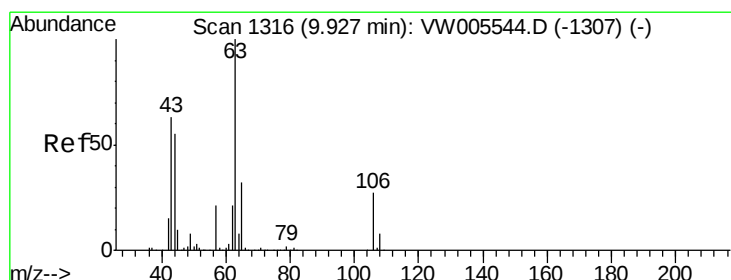
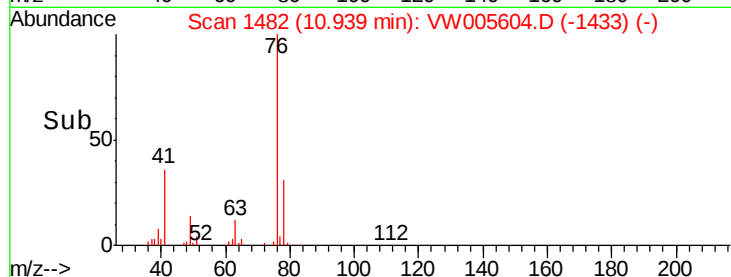
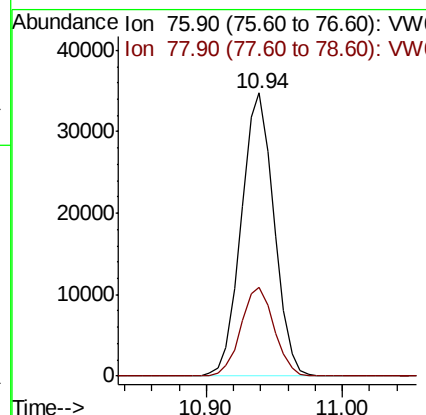
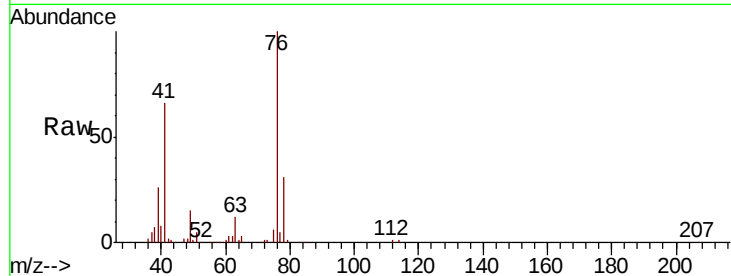
#57
 1,3-Dichloropropane
 Concen: 18.808 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion: 76 Resp: 58468
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4

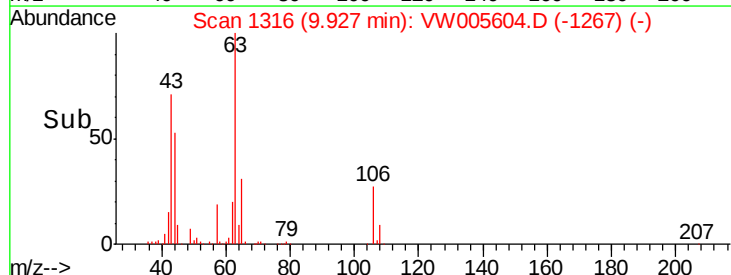
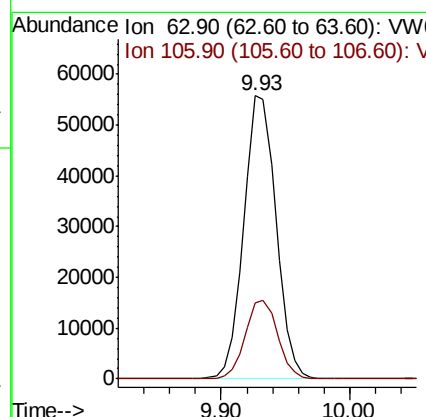
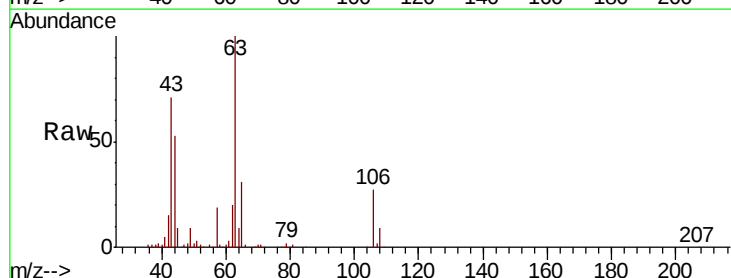
Manual Integrations
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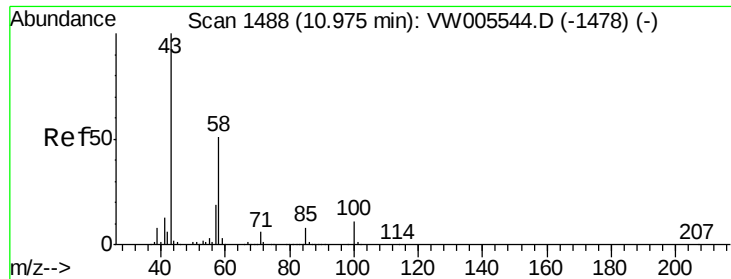
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.247 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion: 63 Resp: 96431
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.6 32.4





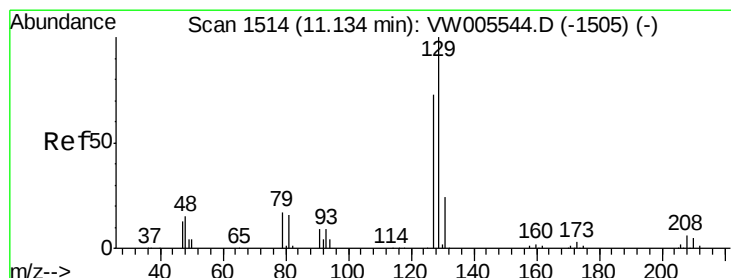
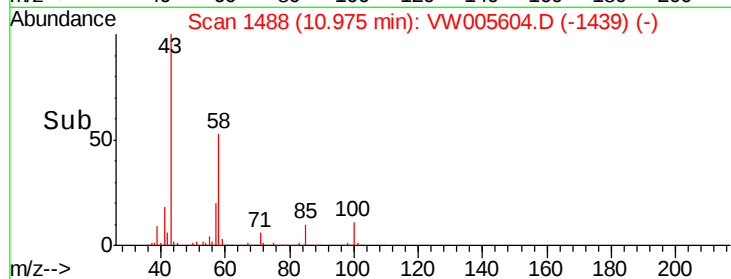
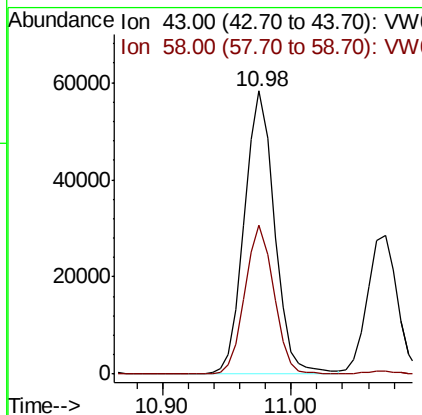
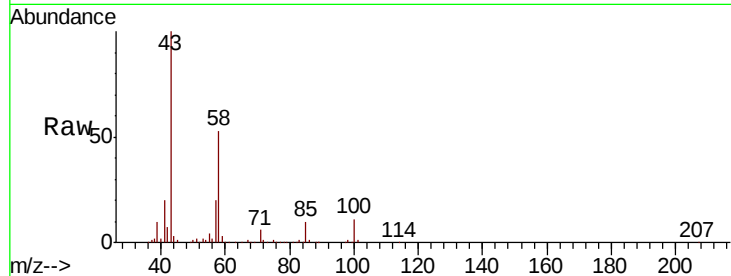
#59
2-Hexanone
Concen: 93.886 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 43 Resp: 94296
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9

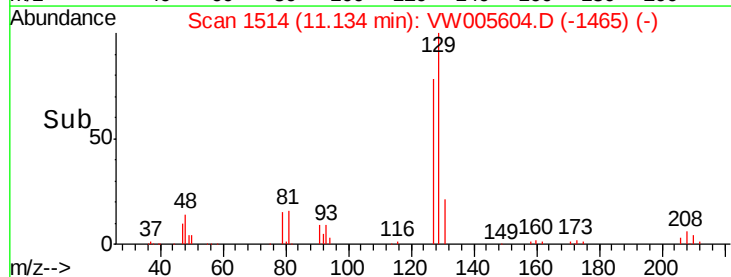
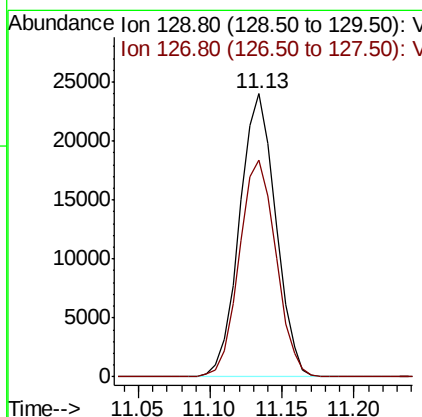
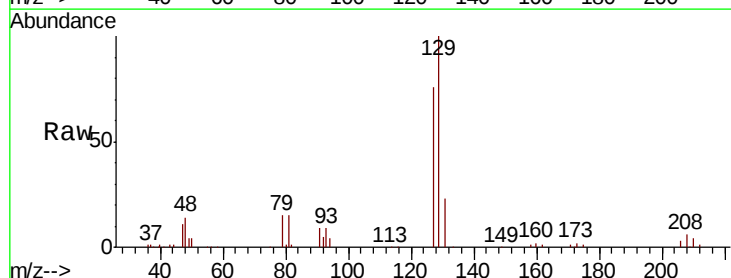
Manual Integrations
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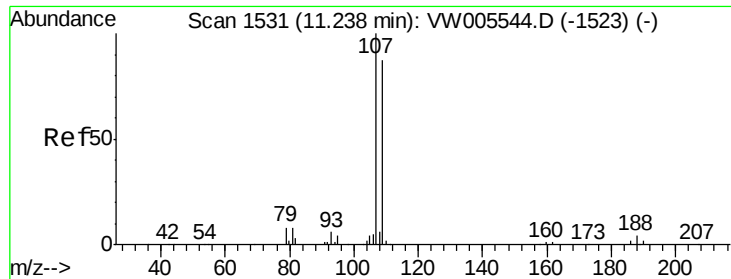
apatel
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#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion: 129 Resp: 41884
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





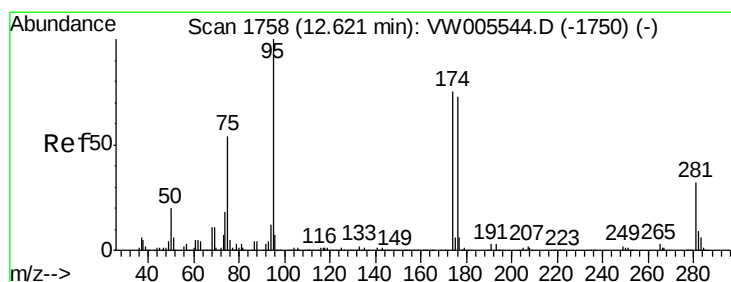
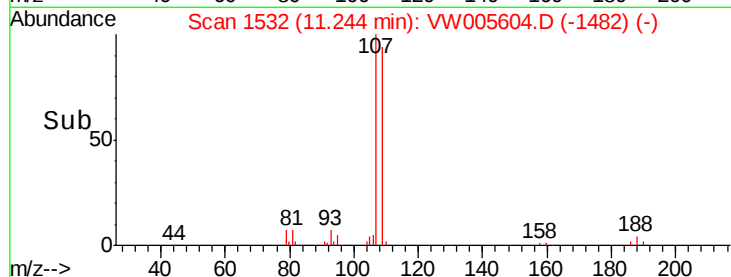
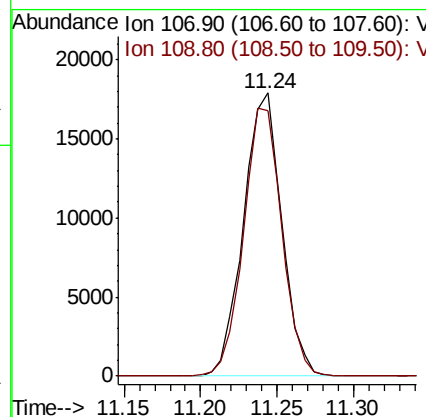
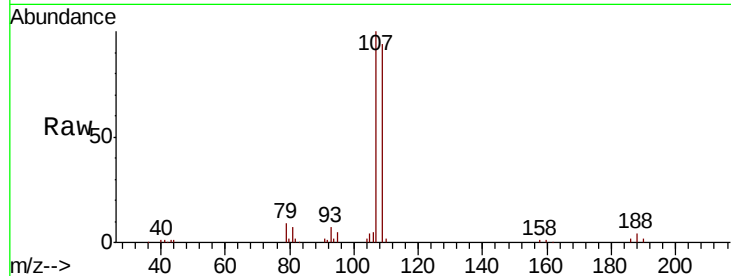
#61
 1,2-Dibromoethane
 Concen: 19.022 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	73.4	110.0

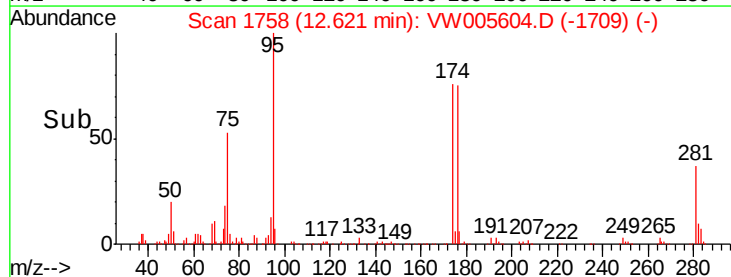
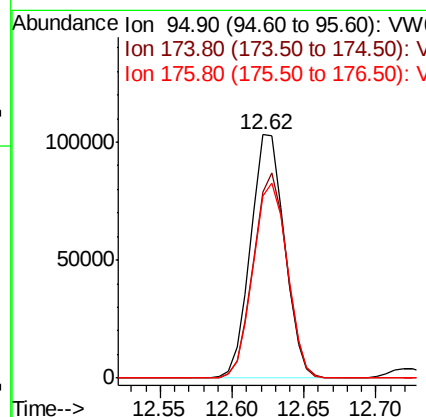
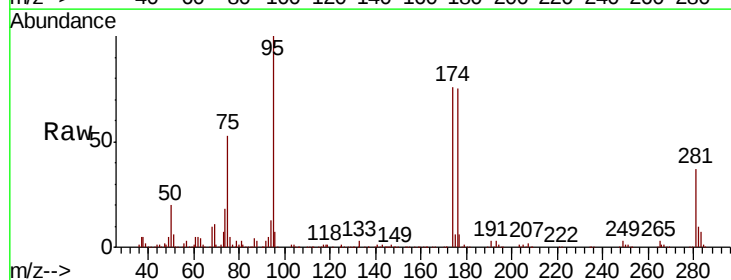
Manual Integrations
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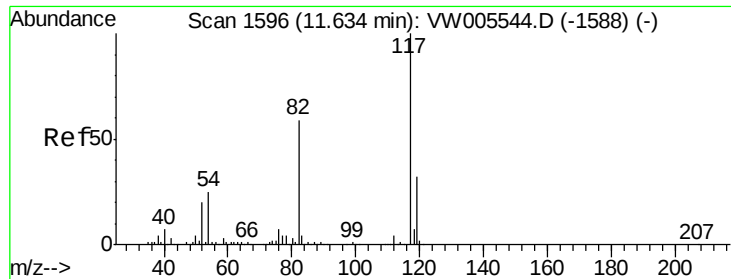
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.286 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	163.8
176	81.2	0.0	158.0





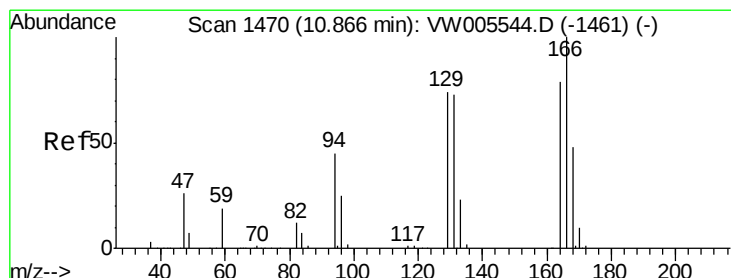
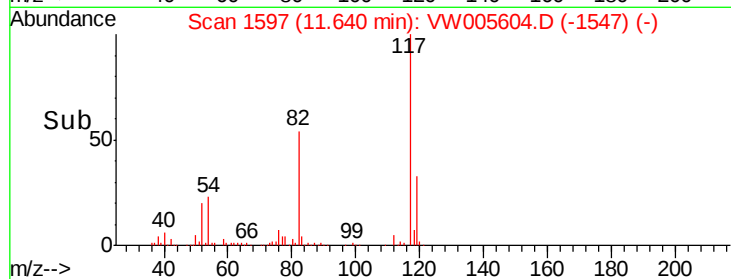
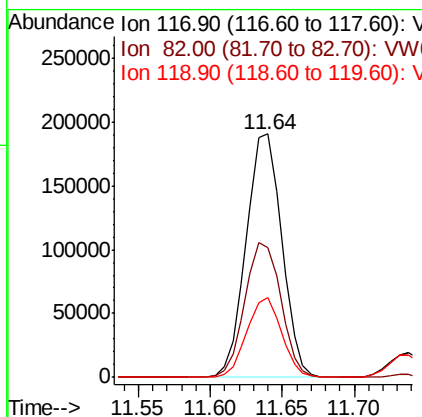
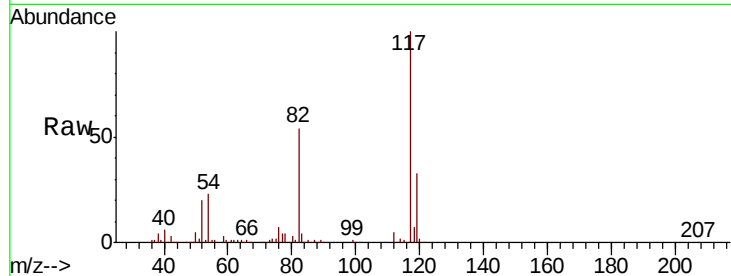
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	326150		
82	53.5	46.9	70.3	
119	32.9	25.7	38.5	

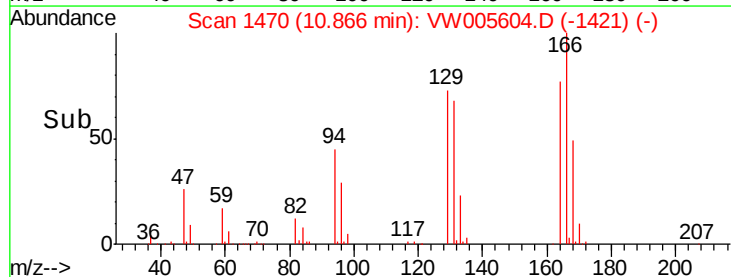
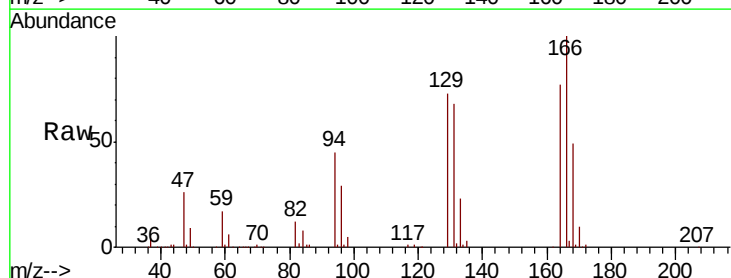
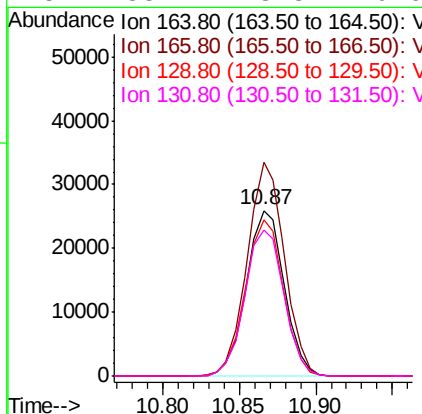
Manual Integrations
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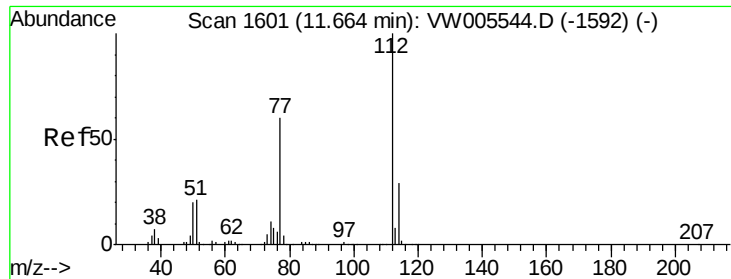
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#64
Tetrachloroethene
Concen: 19.279 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44628		
166	129.3	101.1	151.7	
129	94.6	74.4	111.6	
131	88.4	73.8	110.6	





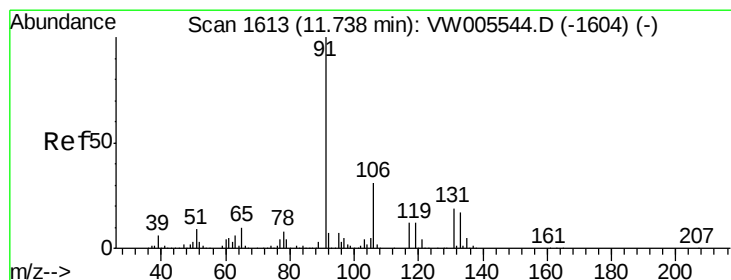
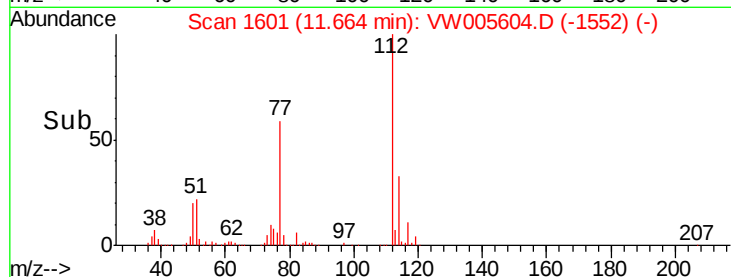
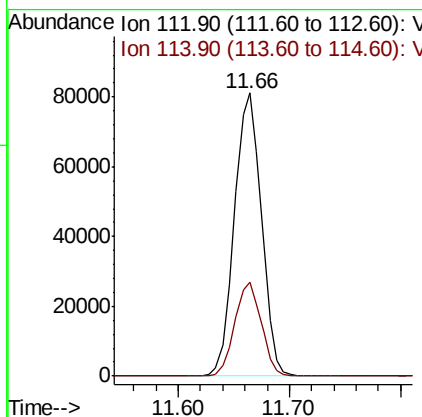
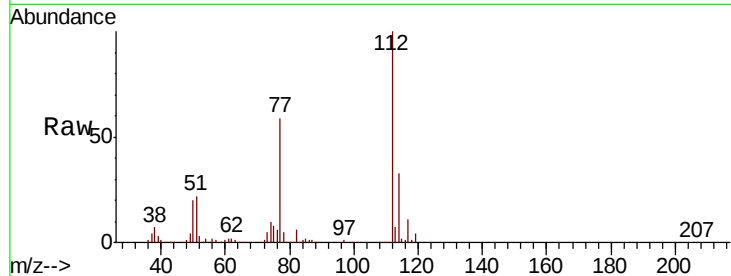
#65
Chlorobenzene
Concen: 19.654 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.9	34.3

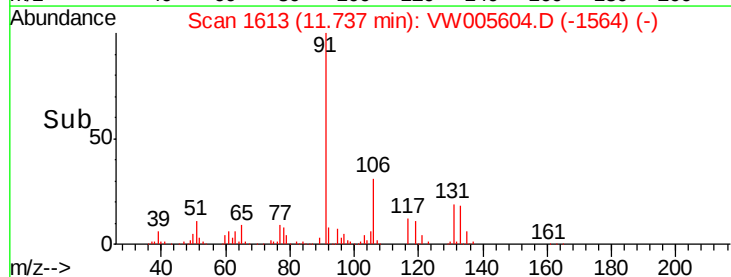
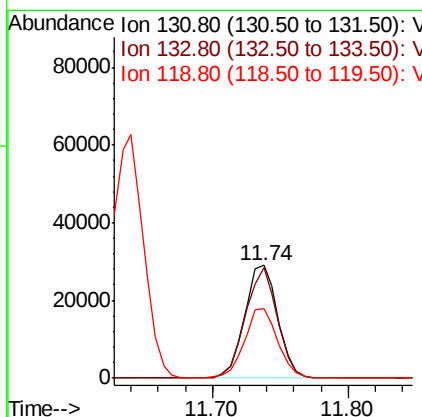
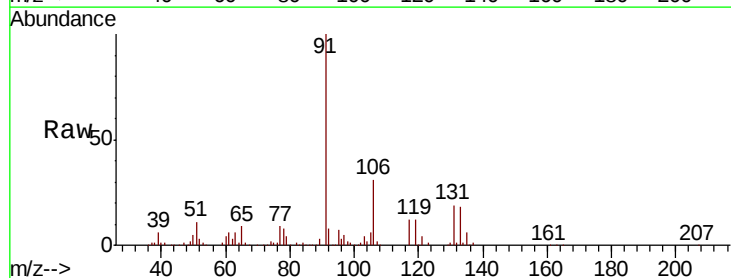
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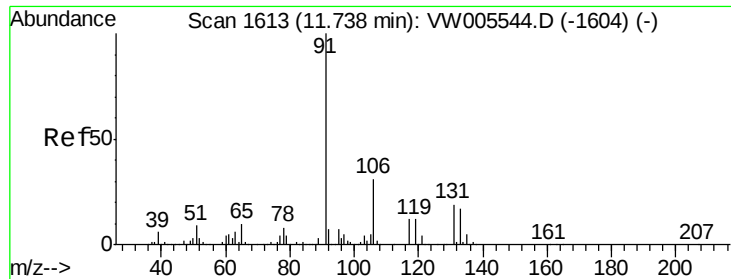
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.818 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.2	141.6
119	61.8	31.1	93.2





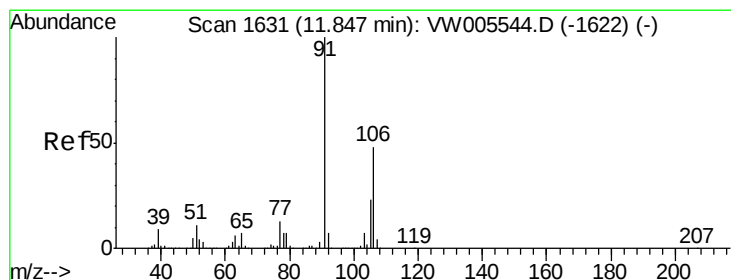
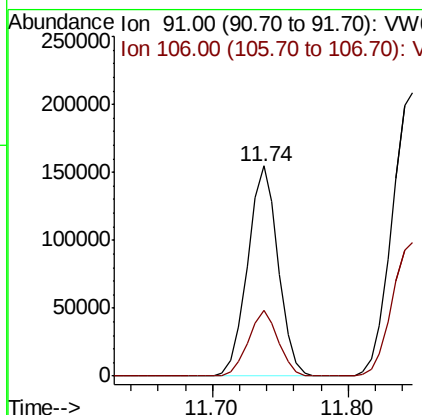
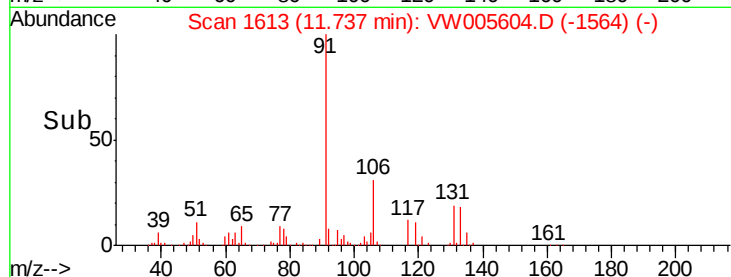
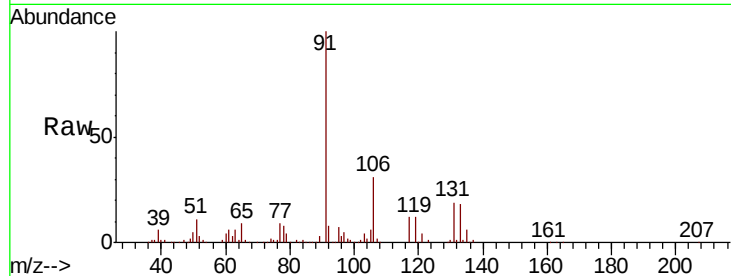
#67
Ethyl Benzene
Concen: 19.797 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 91 Resp: 243306
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

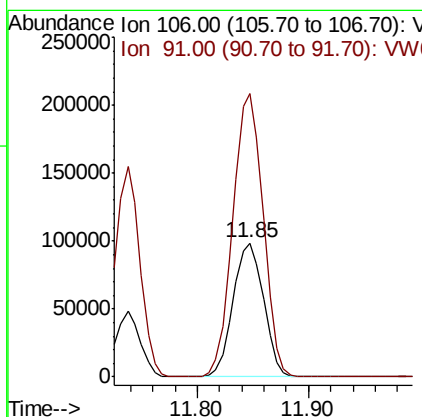
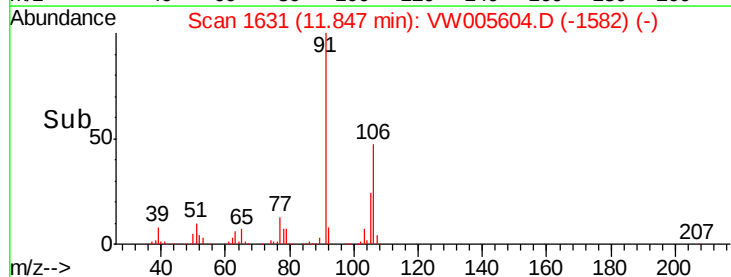
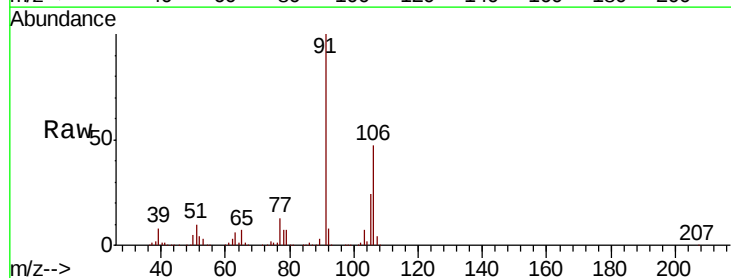
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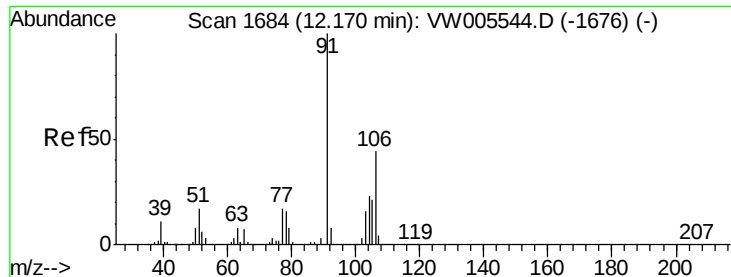
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#68
m/p-Xylenes
Concen: 40.248 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion: 106 Resp: 186878
Ion Ratio Lower Upper
106 100
91 209.8 167.8 251.8





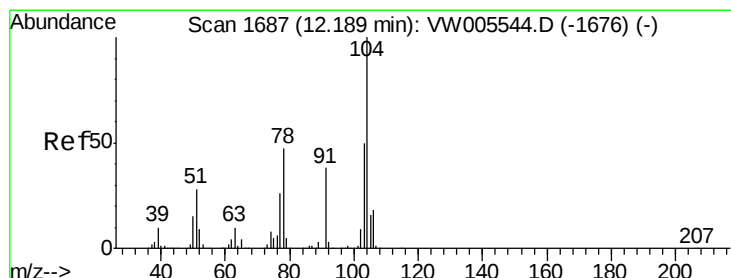
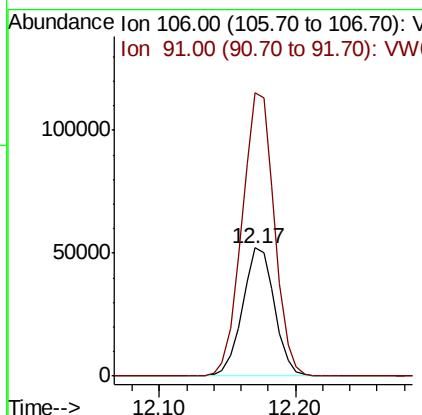
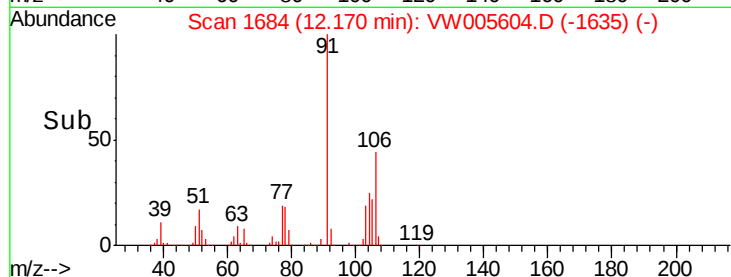
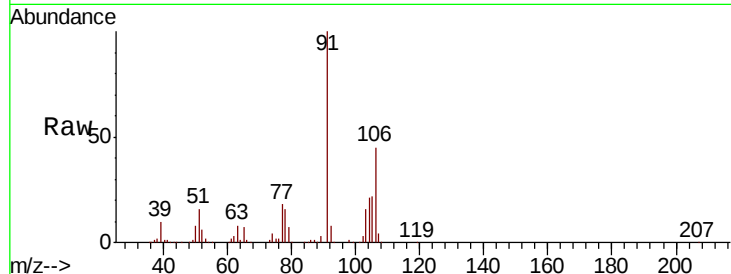
#69
o-Xylene
Concen: 19.735 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.0	333.0

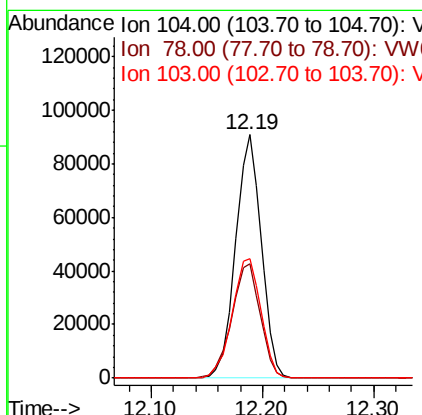
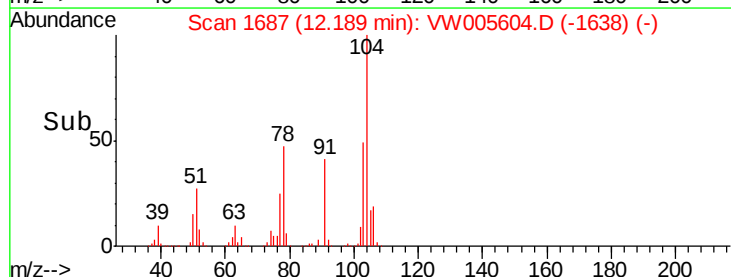
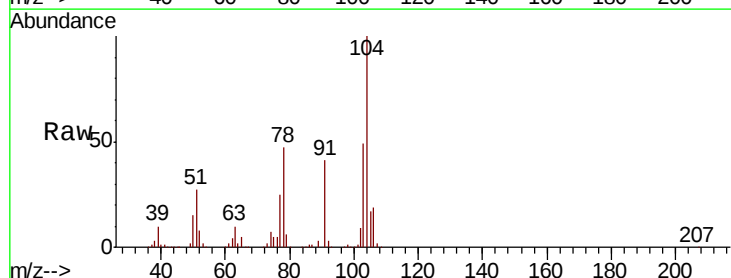
Manual Integrations
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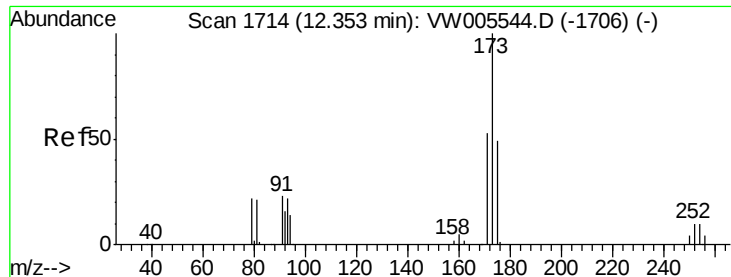
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#70
Styrene
Concen: 19.834 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	42.2	63.4
103	55.1	44.6	66.8





#71

Bromoform

Concen: 18.781 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

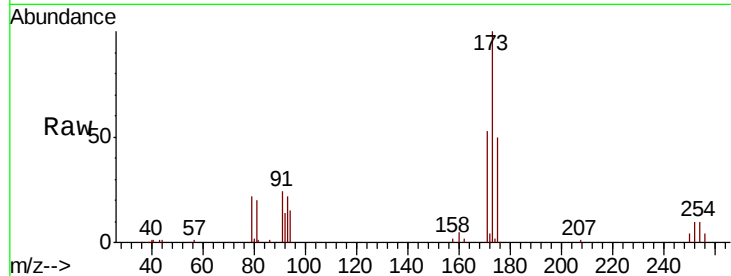
ClientSampleId :

VW0925SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.9
254	0.0	0.1	0.1#

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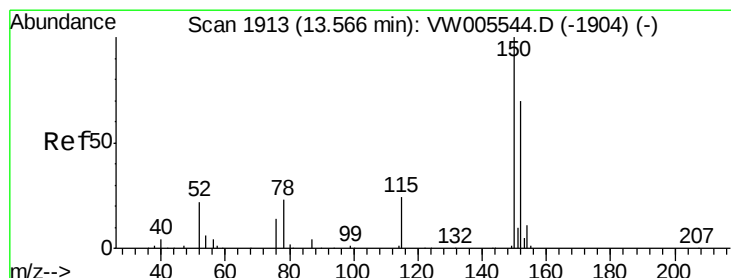
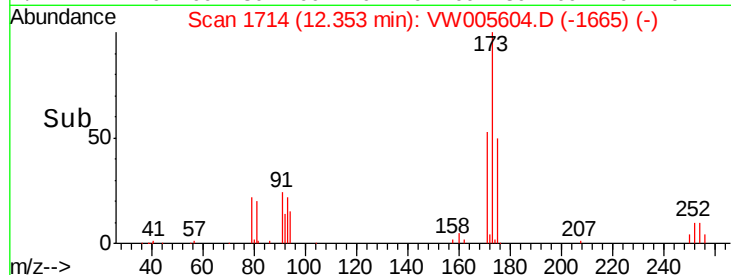
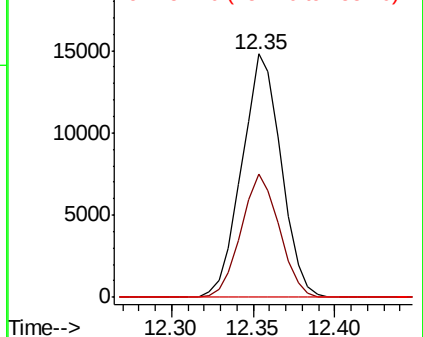


Abundance

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: VW005604.D

Acq: 25 Sep 2018 12:17

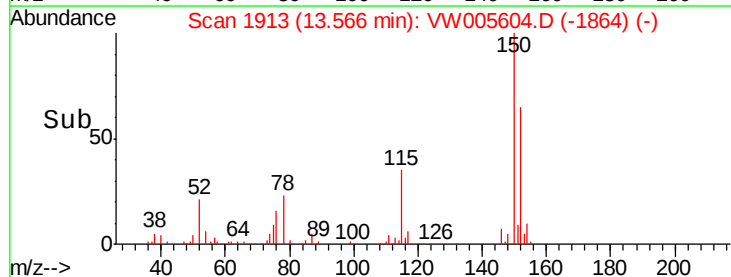
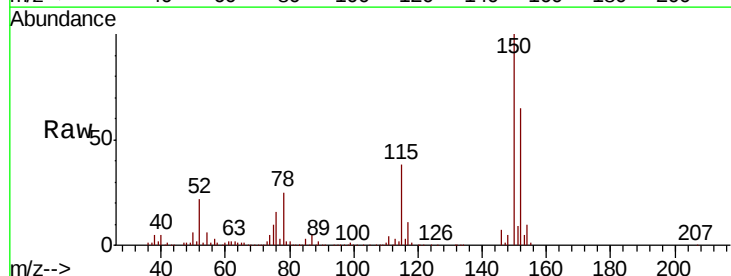
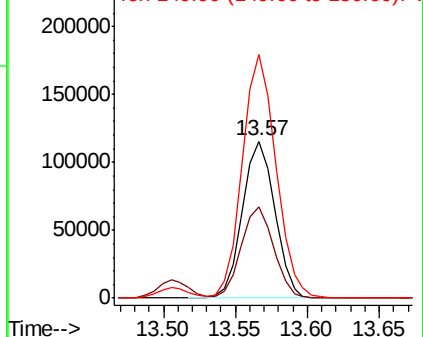
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	161.7	0.0	348.6

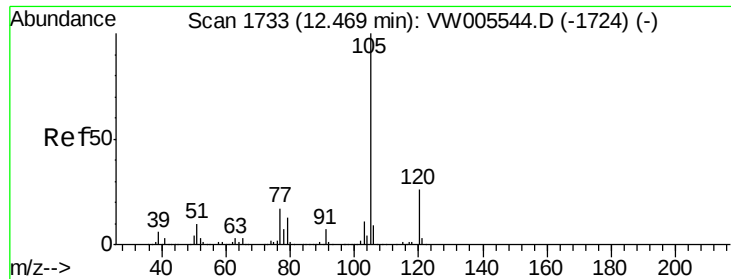
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.081 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampled :

VW0925SBS01

Tot Ion:105 Resp: 250441

Ion Ratio Lower Upper

105 100

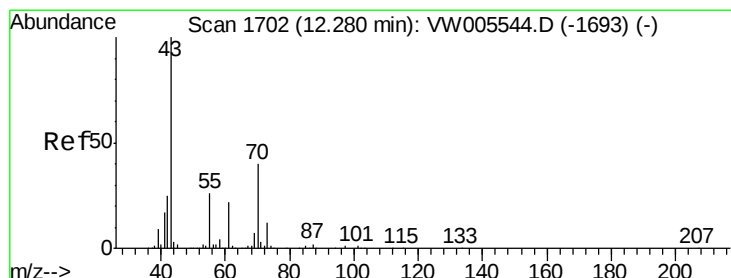
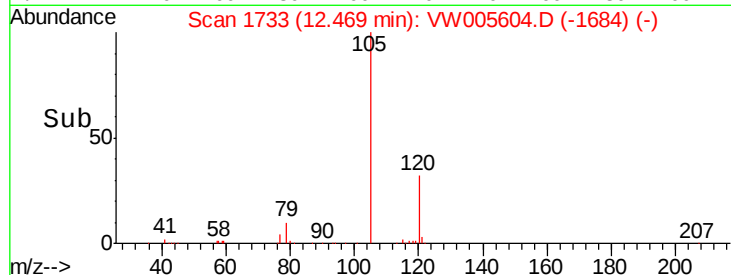
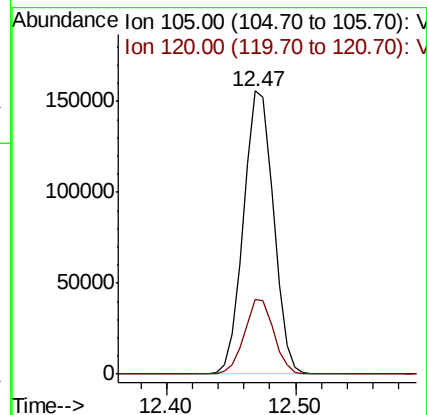
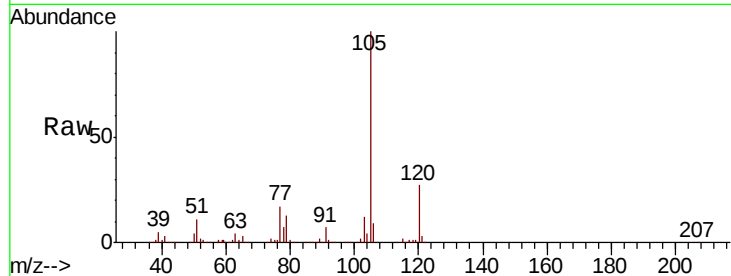
120 25.9 12.9 38.7

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#74

N-ethyl acetate

Concen: 17.790 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion: 43 Resp: 50240

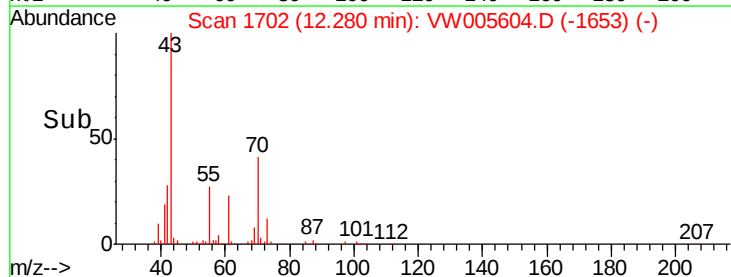
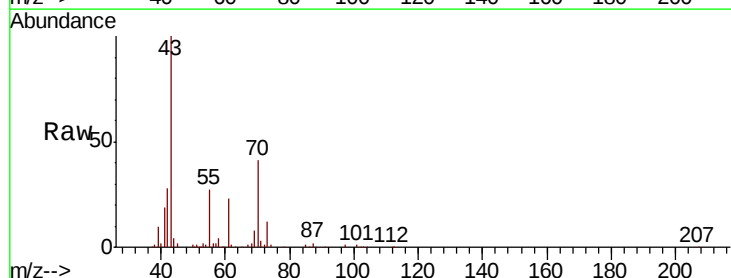
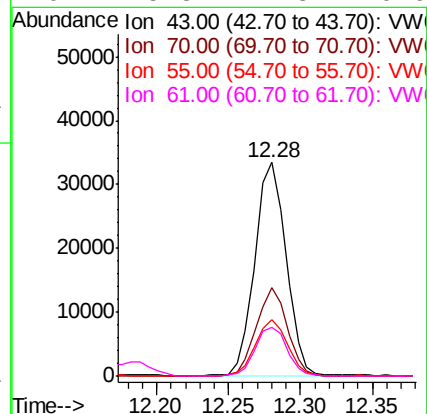
Ion Ratio Lower Upper

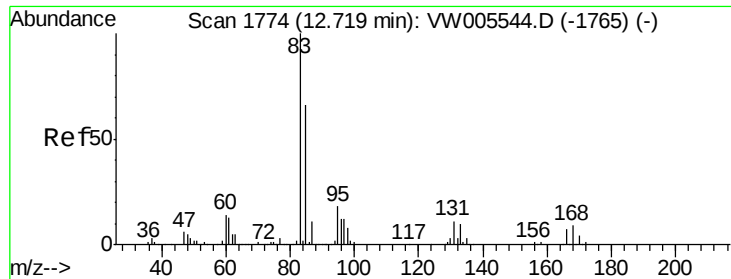
43 100

70 40.9 31.4 47.0

55 26.8 20.9 31.3

61 23.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.489 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

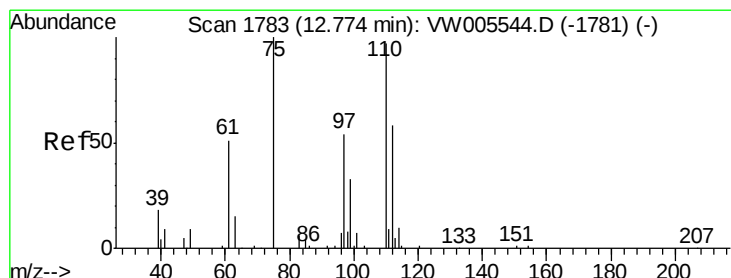
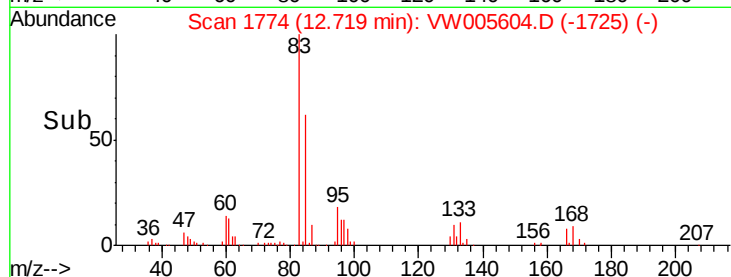
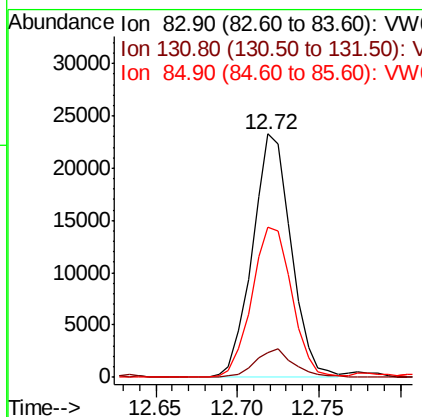
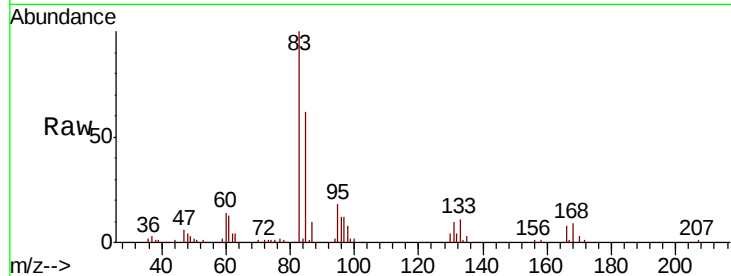
ClientSampleId :

VW0925SBSD01

Tot Ion:	83	Resp:	38301
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.5	16.7
85	64.0	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.952 ug/l m

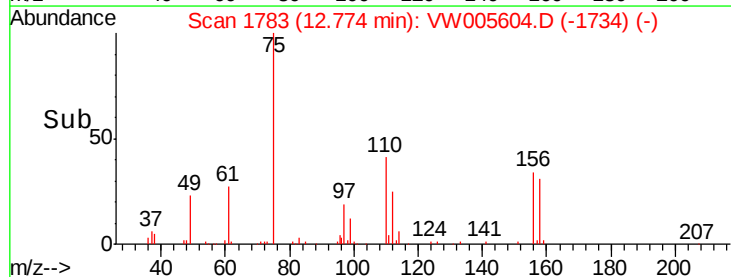
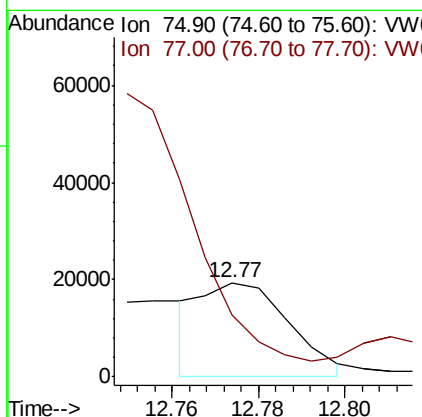
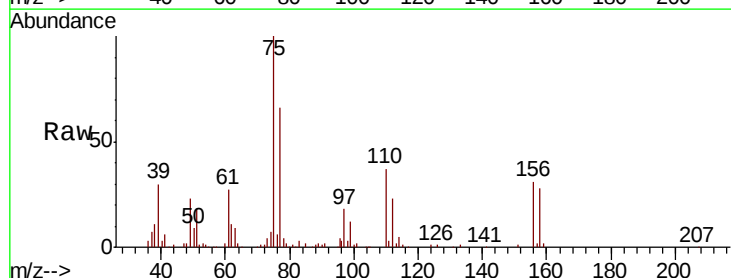
RT: 12.77 min Scan# 1783

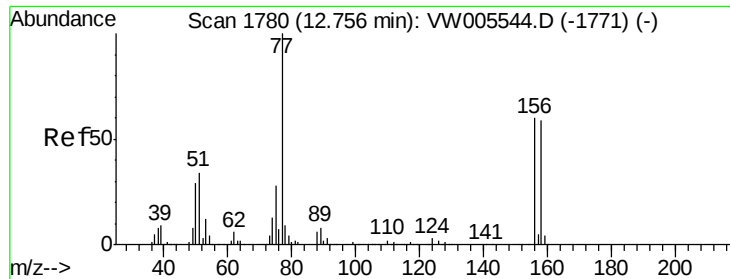
Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion:	75	Resp:	27522
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.493 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

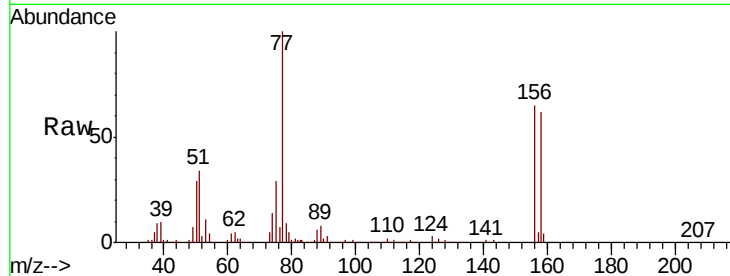
ClientSampleId :

VW0925SBS01

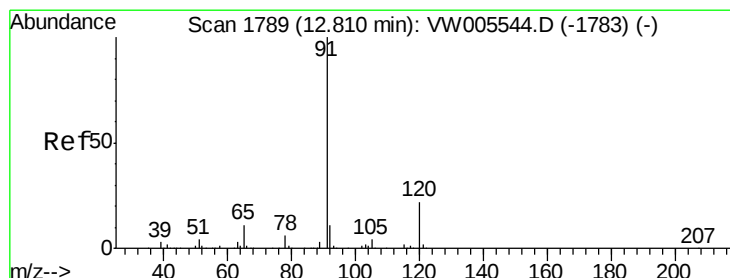
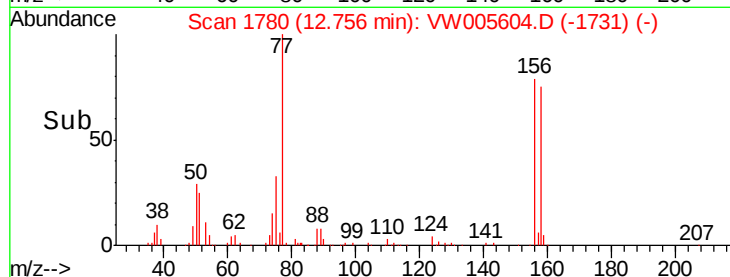
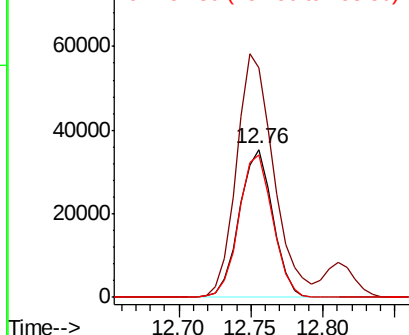
Tot Ion:	156	Resp:	56980
Ion	Ratio	Lower	Upper
156	100		
77	183.7	94.7	284.1
158	97.5	48.0	144.2

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.135 ug/l

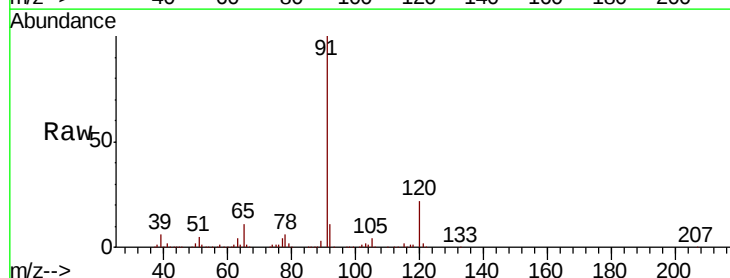
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

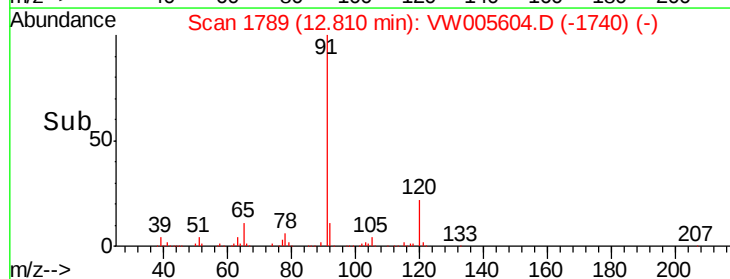
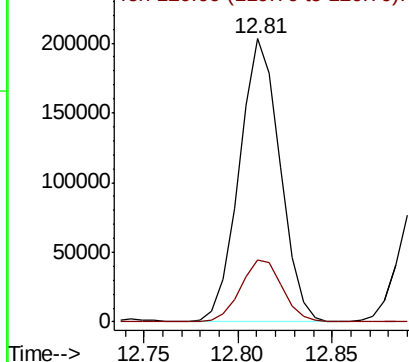
Lab File: VW005604.D

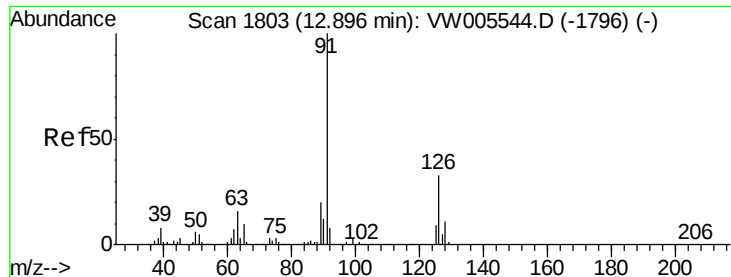
Acq: 25 Sep 2018 12:17

Tgt Ion:	91	Resp:	304027
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.991 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 91 Resp: 174640

Ion Ratio Lower Upper

91 100

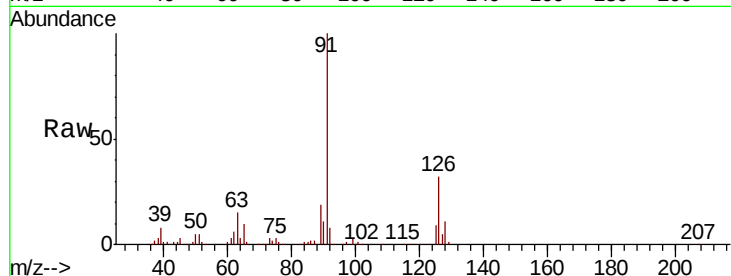
126 32.7 16.4 49.1

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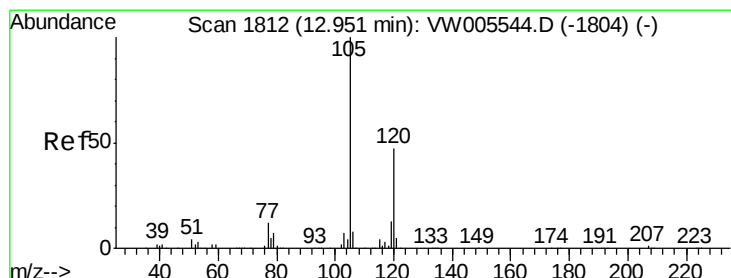
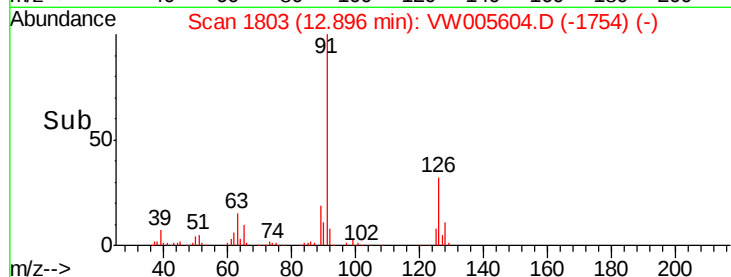
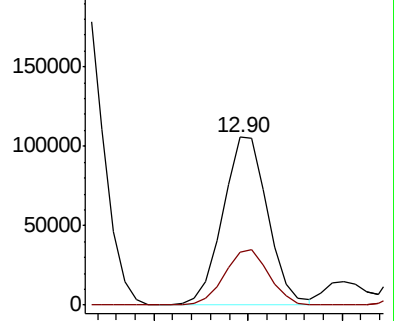
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.317 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005604.D

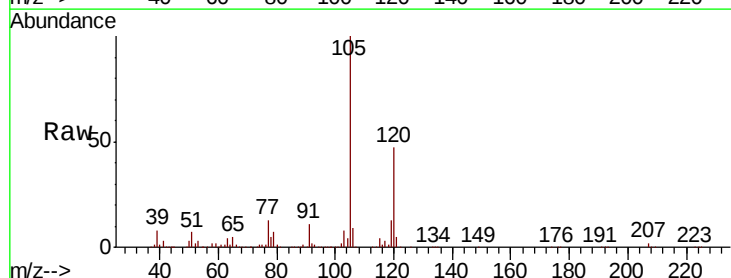
Acq: 25 Sep 2018 12:17

Tgt Ion:105 Resp: 220329

Ion Ratio Lower Upper

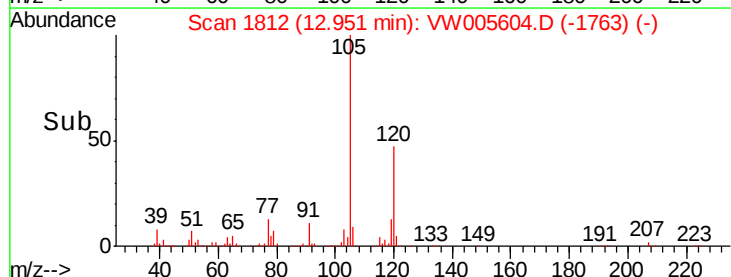
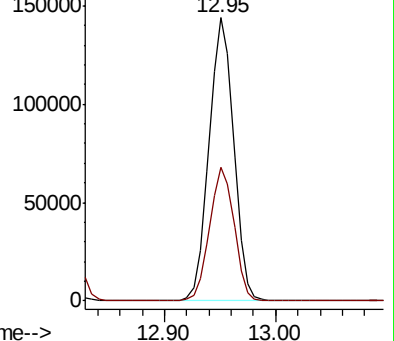
105 100

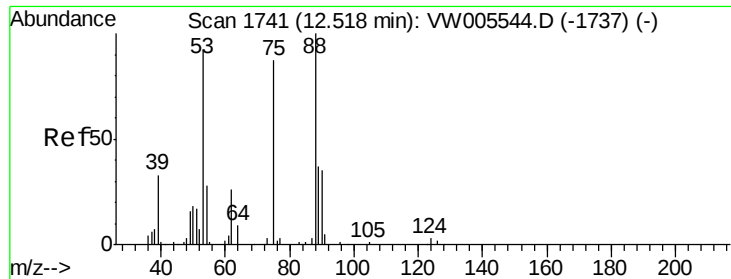
120 47.3 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





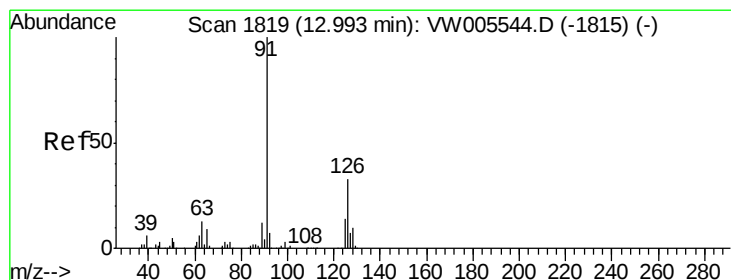
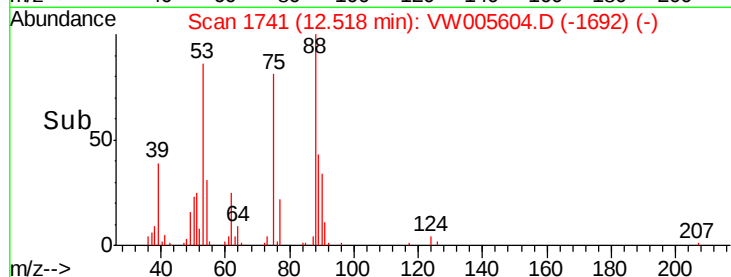
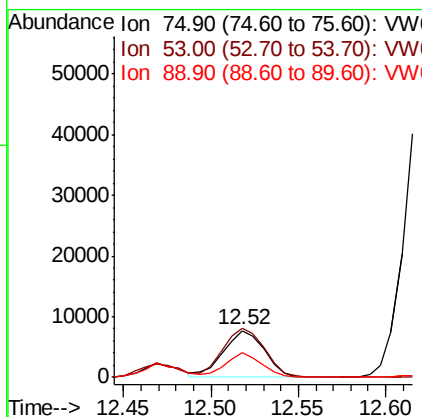
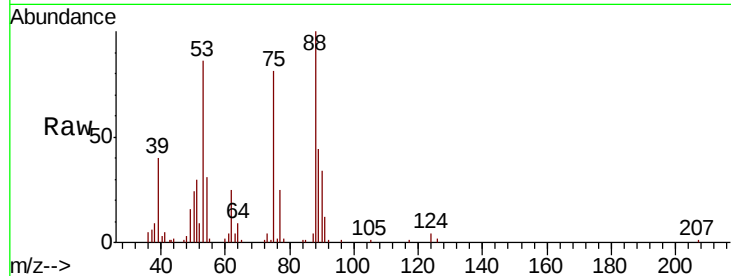
#81
trans-1,4-Dichloro-2-butene
Concen: 18.651 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.8	128.6
89	45.9	37.3	55.9

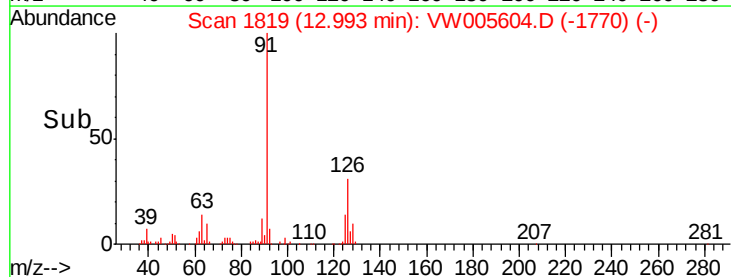
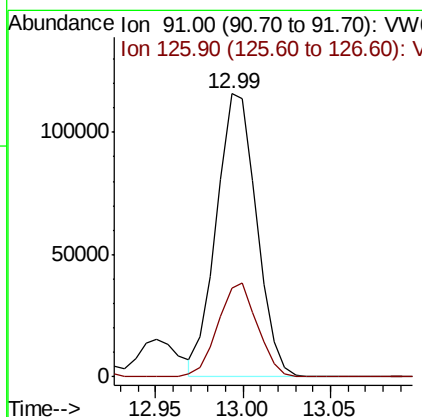
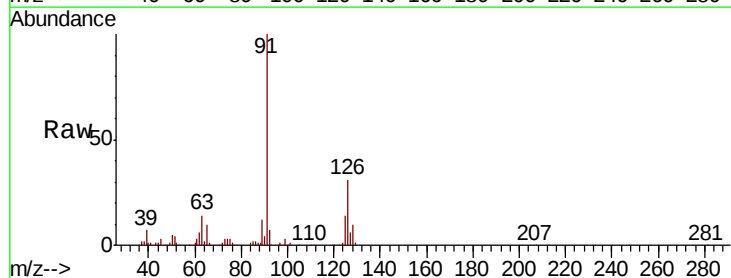
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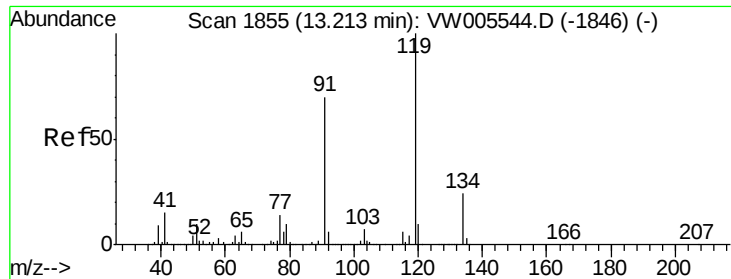
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#82
4-Chlorotoluene
Concen: 19.971 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





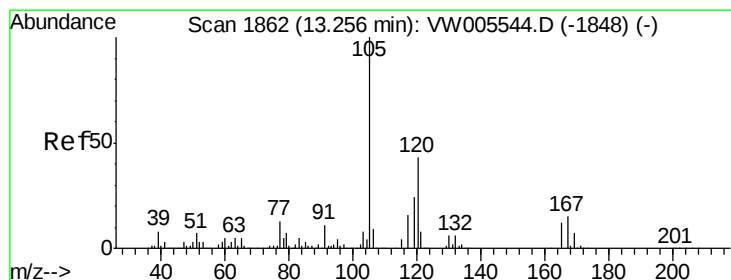
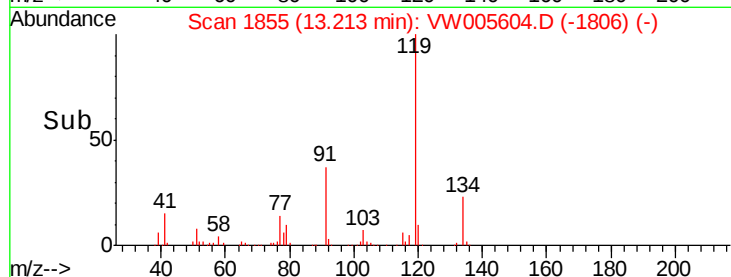
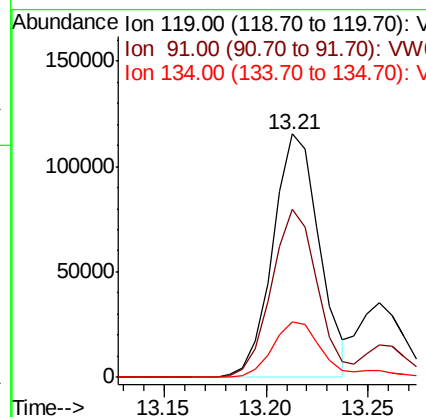
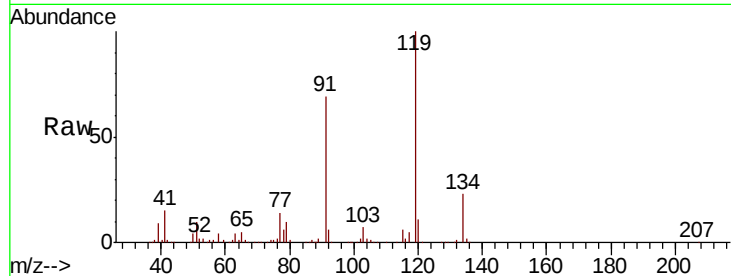
#83
tert-Butylbenzene
Concen: 20.161 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	34.6	103.8
134	25.5	12.6	37.6

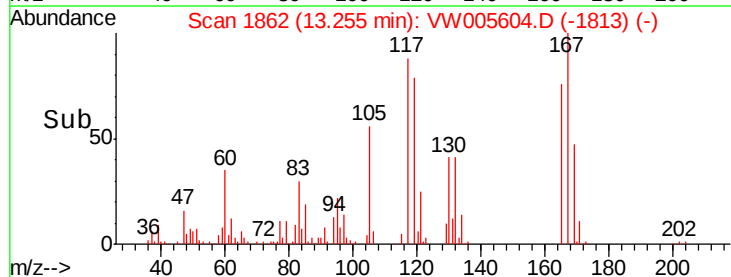
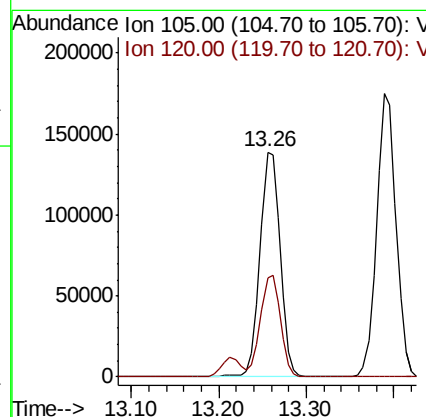
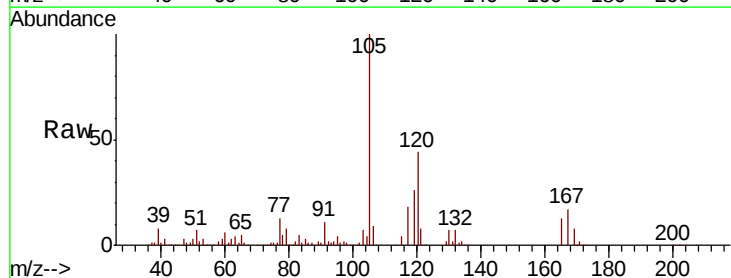
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#84
1,2,4-Trimethylbenzene
Concen: 20.253 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 20.434 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion:105 Resp: 270008

Ion Ratio Lower Upper

105 100

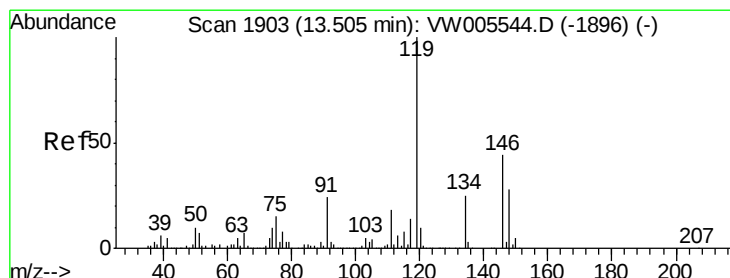
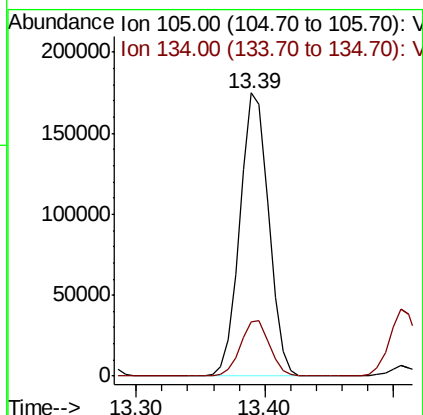
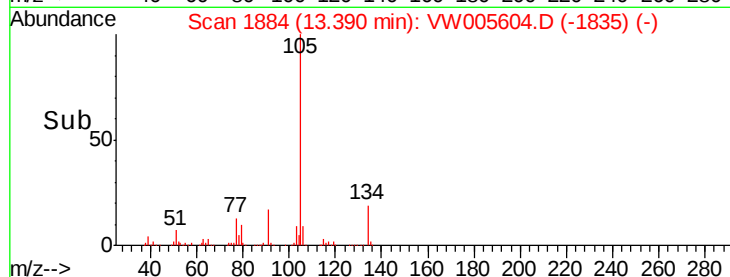
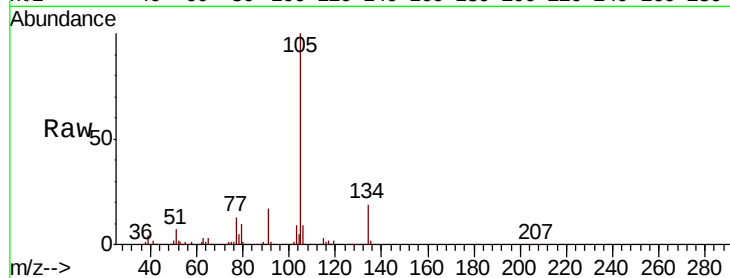
134 19.8 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 20.629 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

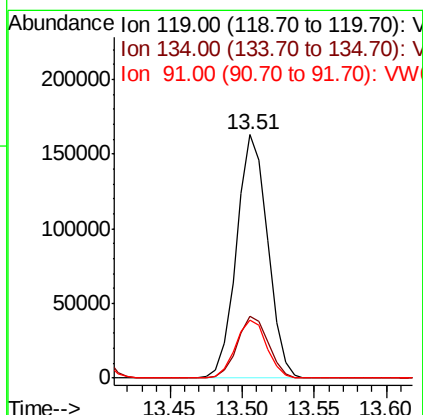
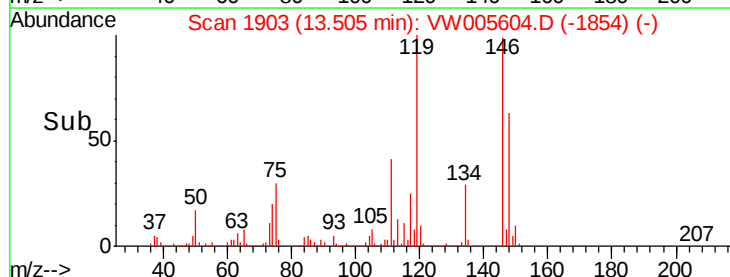
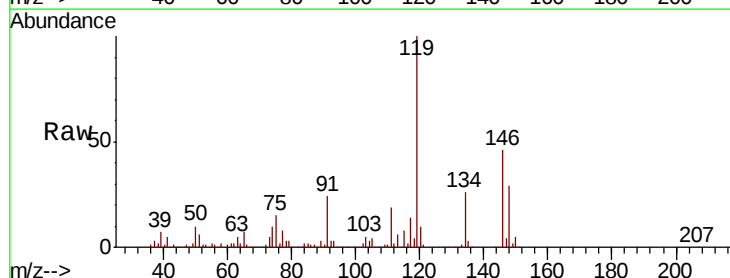
Tgt Ion:119 Resp: 244330

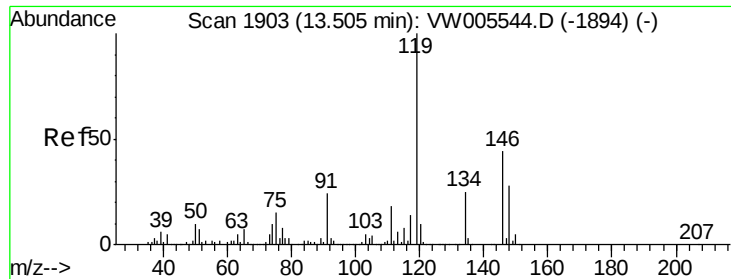
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.960 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

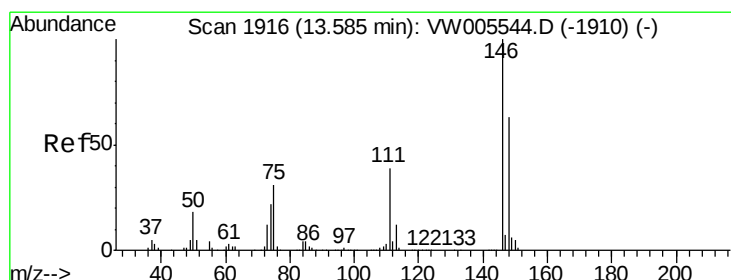
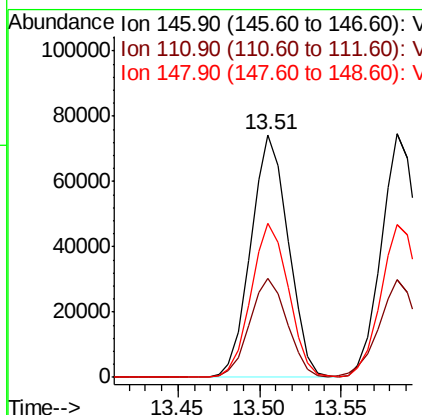
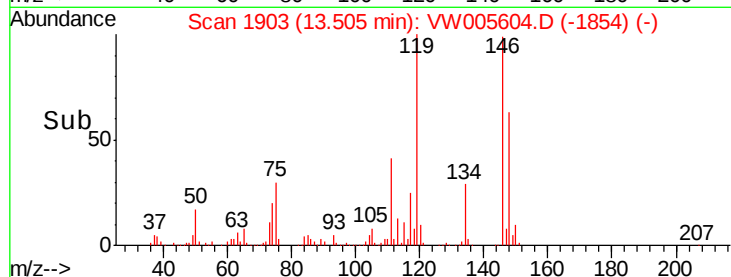
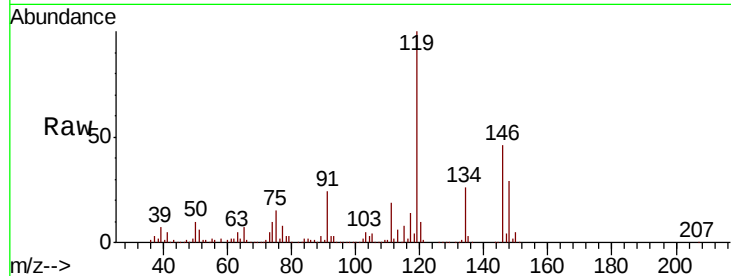
Instrument :
MSVOA_W

ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119303		
111	40.7	20.3	60.9	
148	63.5	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 19.750 ug/l

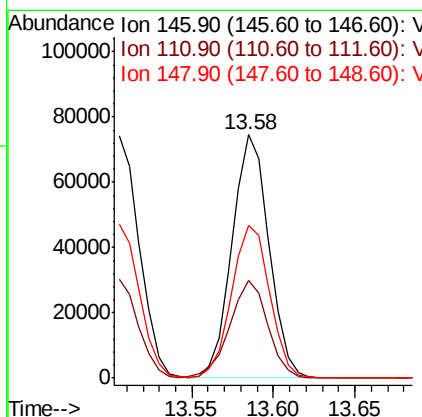
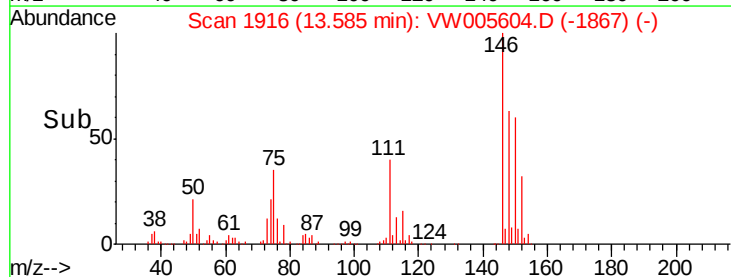
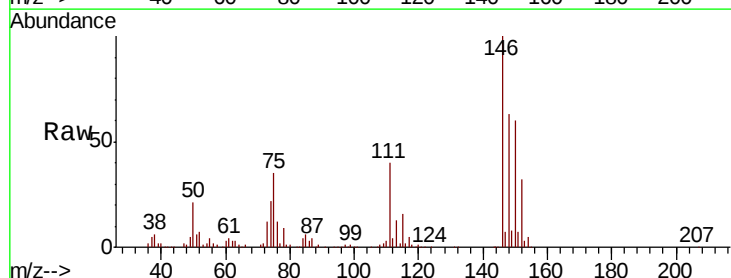
RT: 13.58 min Scan# 1916

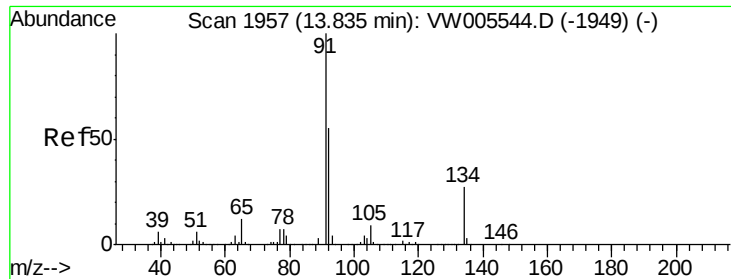
Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117409		
111	41.3	19.9	59.7	
148	65.0	32.1	96.3	





#89

n-Butylbenzene

Concen: 20.544 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Instrument :

MSVOA_W

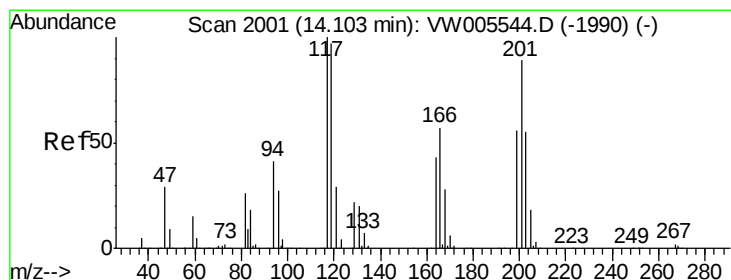
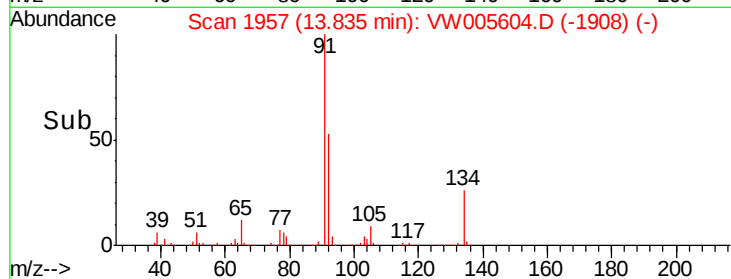
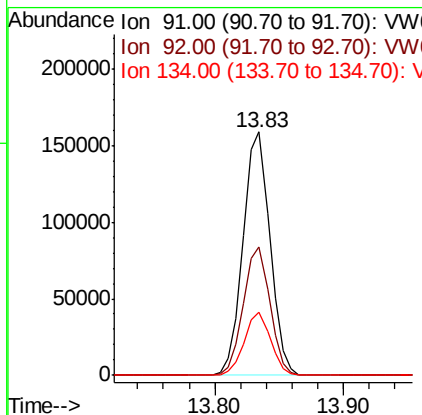
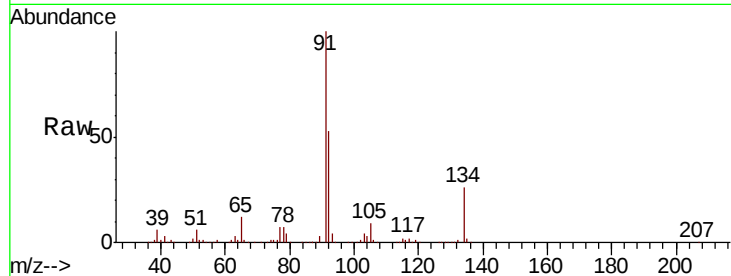
ClientSampleId :

VW0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		229502		
92	52.2	26.5	79.5		
134	25.5	12.9	38.7		

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#90

Hexachloroethane

Concen: 19.738 ug/l

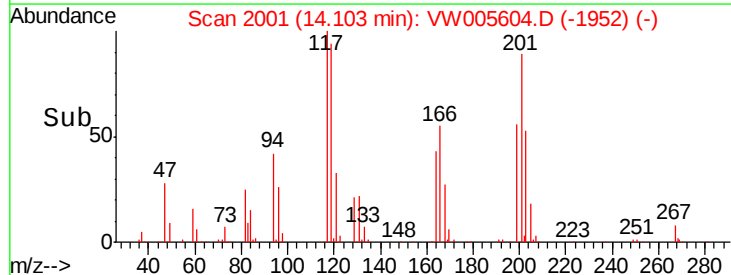
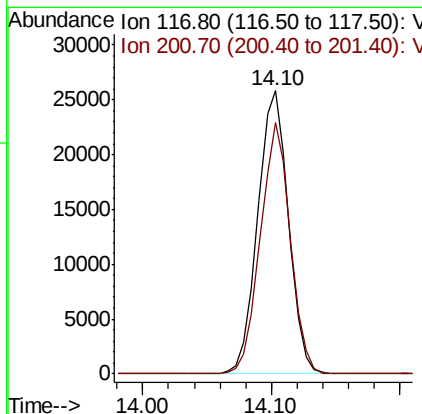
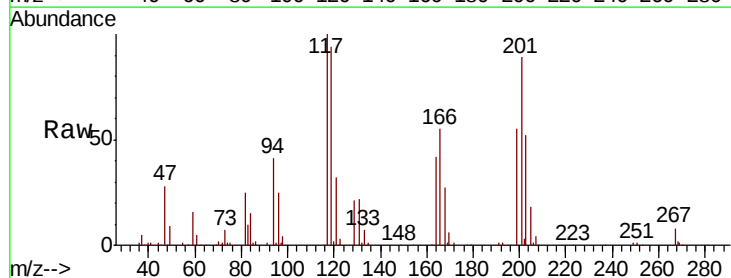
RT: 14.10 min Scan# 2001

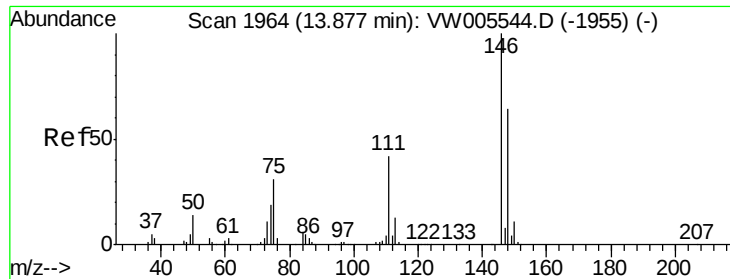
Delta R.T. -0.00 min

Lab File: VW005604.D

Acq: 25 Sep 2018 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		42372		
201	86.4	42.8	128.3		





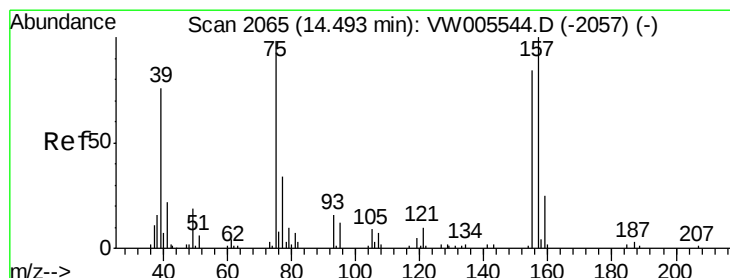
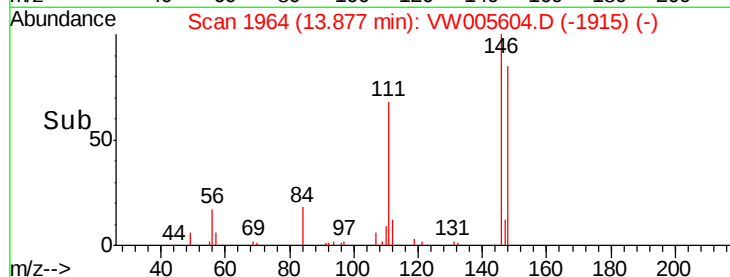
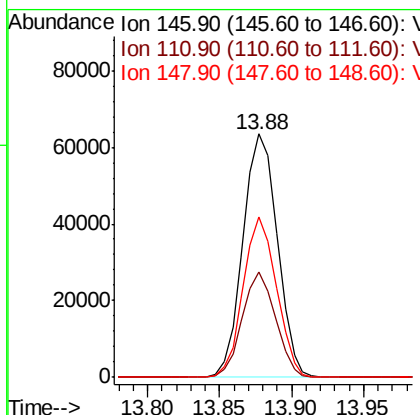
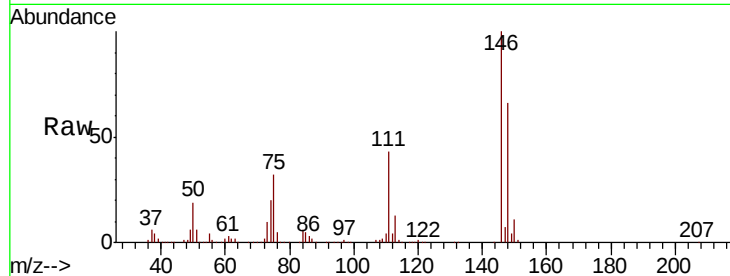
#91
 1,2-Dichlorobenzene
 Concen: 19.930 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	63.8	32.0	96.2

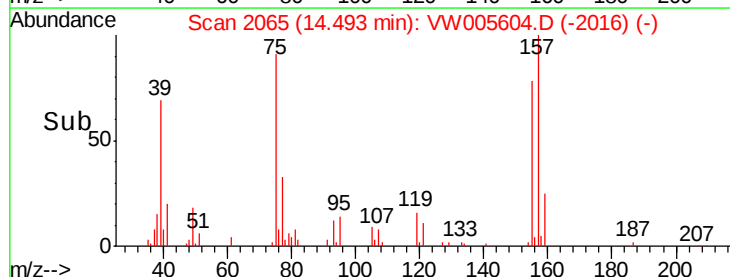
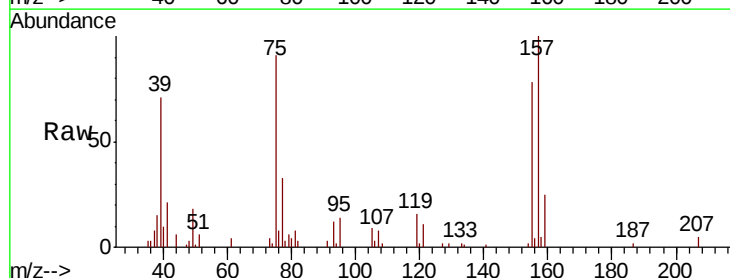
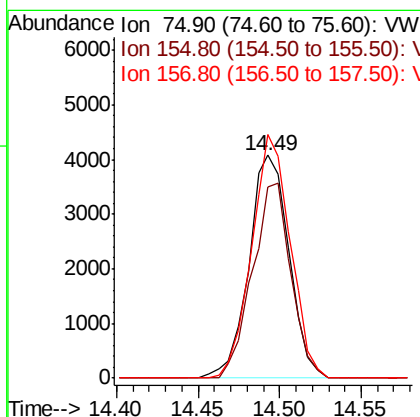
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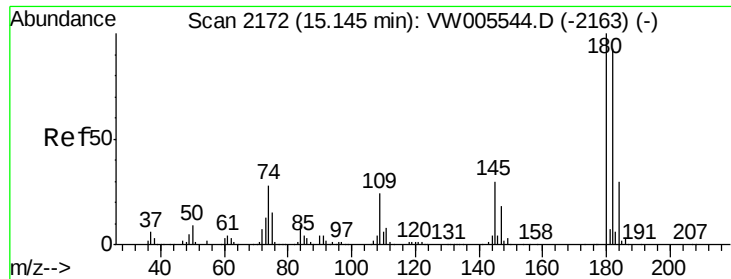
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.667 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	39.1	117.5
157	105.1	50.8	152.4





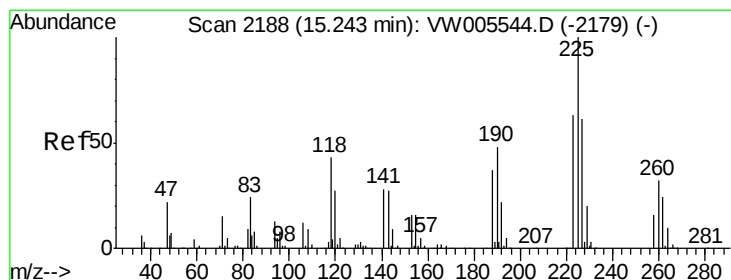
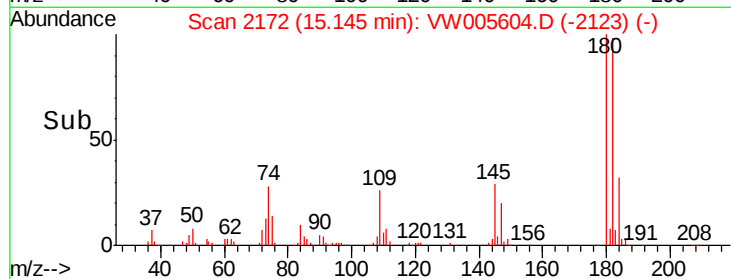
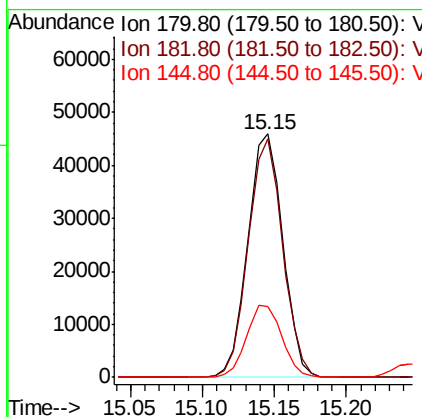
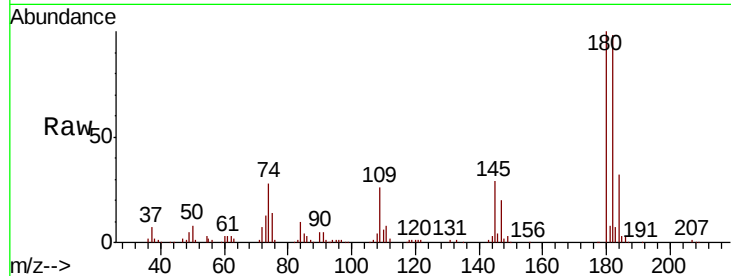
#93
 1,2,4-Trichlorobenzene
 Concen: 20.441 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	76940		
182	96.6	47.7	143.1	
145	29.9	15.0	45.1	

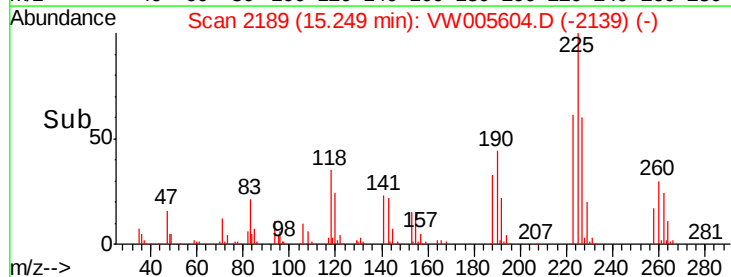
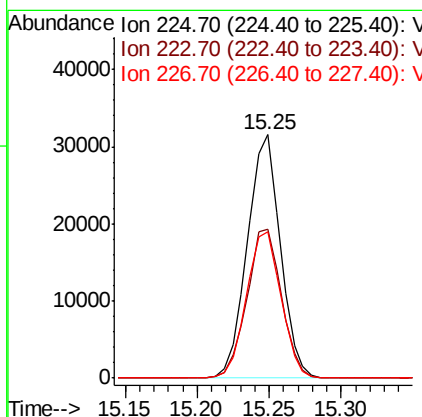
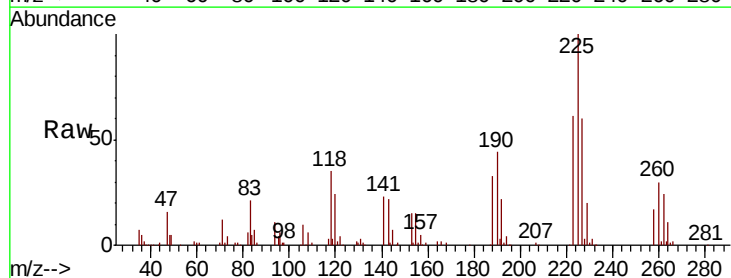
Manual Integrations
 APPROVED

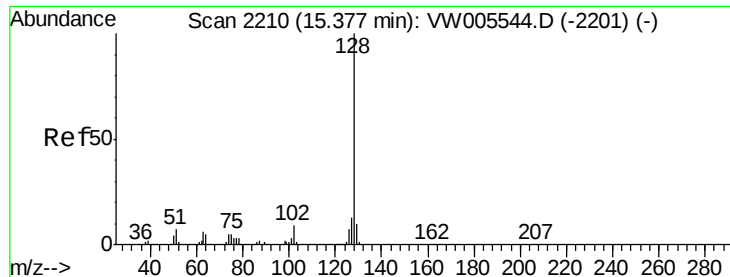
apatel
 9/26/2018 12:25:57 PM



#94
 Hexachlorobutadiene
 Concen: 20.460 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005604.D
 Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49891		
223	64.1	31.1	93.3	
227	62.8	31.8	95.3	





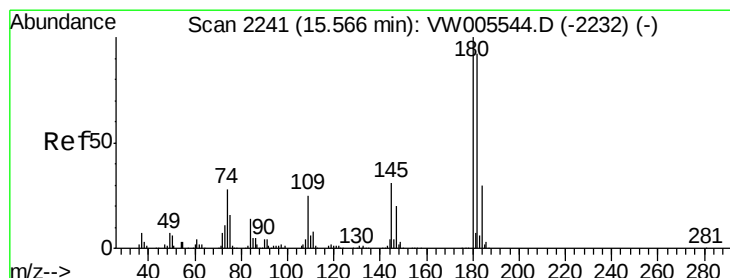
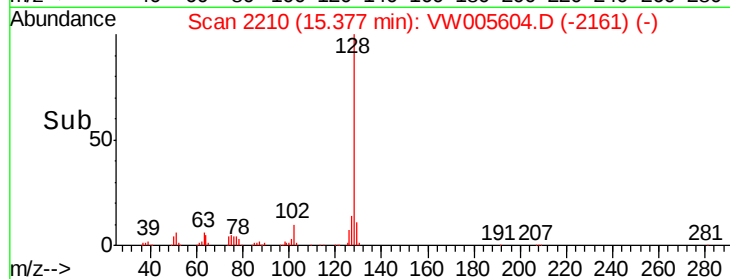
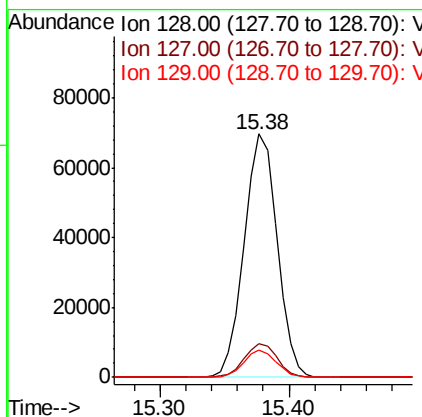
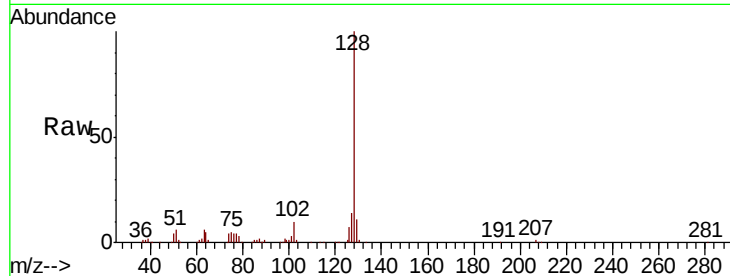
#95
Naphthalene
Concen: 19.448 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.9	16.3
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
9/26/2018 12:25:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.346 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005604.D
Acq: 25 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	31.5	16.0	47.9

