

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007189.D
 Acq On : 04 Dec 2018 16:05
 Operator : SY/AP
 Sample : VW1204SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD01

Manual Integrations
 APPROVED

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 12/5/2018 12:44:01 PM

Quant Time: Dec 05 05:48:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51042	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	47475	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.33	98	212591	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	77125	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26325	21.214	ug/l	100
3) Chloromethane	2.21	50	30061	19.129	ug/l	97
4) Vinyl Chloride	2.36	62	19889	20.214	ug/l	98
5) Bromomethane	2.75	94	11090	22.493	ug/l	87
6) Chloroethane	2.91	64	11104	20.114	ug/l	98
7) Trichlorofluoromethane	3.26	101	37989	19.804	ug/l	99
8) Diethyl Ether	3.69	74	10973	20.522	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23236	20.052	ug/l	99
10) Methyl Iodide	4.28	142	18665	18.908	ug/l	97
11) Tert butyl alcohol	5.16	59	13430	123.674	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	20870	19.218	ug/l	97
13) Acrolein	3.90	56	7723	104.376	ug/l	100
14) Allyl chloride	4.68	41	33710	19.366	ug/l	98
15) Acrylonitrile	5.37	53	22236	99.475	ug/l	99
16) Acetone	4.12	43	22370	89.484	ug/l	99
17) Carbon Disulfide	4.39	76	70253	19.626	ug/l	100
18) Methyl Acetate	4.68	43	11737	20.569	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51862	20.284	ug/l	96
20) Methylene Chloride	4.92	84	27467	18.536	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	23042	19.002	ug/l	99
22) Diisopropyl ether	6.32	45	61334	19.628	ug/l	97
23) Vinyl Acetate	6.26	43	172657	101.262	ug/l	97
24) 1,1-Dichloroethane	6.22	63	39538	19.741	ug/l	98
25) 2-Butanone	7.17	43	28292	97.630	ug/l	97
26) 2,2-Dichloropropane	7.17	77	37802	19.641	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25304	19.466	ug/l	99
28) Bromochloromethane	7.51	49	14064	19.474	ug/l	99
29) Tetrahydrofuran	7.54	42	18247	101.895	ug/l	98
30) Chloroform	7.68	83	41022	19.708	ug/l	100
31) Cyclohexane	7.96	56	41315	19.716	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	38797	19.806	ug/l	99
36) 1,1-Dichloropropene	8.09	75	33691	19.812	ug/l	97
37) Ethyl Acetate	7.26	43	12412	20.178	ug/l	97
38) Carbon Tetrachloride	8.07	117	34466	19.857	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44822	19.689	ug/l	97
40) Benzene	8.33	78	90799	19.472	ug/l	97
41) Methacrylonitrile	7.49	41	8004	21.724	ug/l	96
42) 1,2-Dichloroethane	8.40	62	26037	19.979	ug/l	100
43) Isopropyl Acetate	8.43	43	23649	19.795	ug/l	99
44) Trichloroethene	9.10	130	26604	20.297	ug/l	99
45) 1,2-Dichloropropane	9.37	63	21911	20.192	ug/l	99
46) Dibromomethane	9.46	93	11829	20.978	ug/l	93
47) Bromodichloromethane	9.65	83	29296	19.752	ug/l	94
48) Methyl methacrylate	9.44	41	11746	18.943	ug/l	94
49) 1,4-Dioxane	9.45	88	4237	430.145	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	57922	98.381	ug/l	100
52) Toluene	10.39	92	64833	19.987	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	29976	20.102	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	35589	20.365	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	15750	19.637	ug/l	94
56) Ethyl methacrylate	10.65	69	20747	19.830	ug/l	96
57) 1,3-Dichloropropane	10.93	76	27081	19.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	45847	109.099	ug/l	98
59) 2-Hexanone	10.97	43	40638	95.217	ug/l	97
60) Dibromochloromethane	11.13	129	19876	20.163	ug/l	97
61) 1,2-Dibromoethane	11.24	107	15484	20.128	ug/l	95
64) Tetrachloroethene	10.87	164	22148	19.378	ug/l	93
65) Chlorobenzene	11.66	112	68780	19.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	21551	19.973	ug/l	97
67) Ethyl Benzene	11.73	91	126366	19.845	ug/l	99
68) m/p-Xylenes	11.84	106	99477	39.822	ug/l	99
69) o-Xylene	12.17	106	46797	20.051	ug/l	99
70) Styrene	12.18	104	75230	19.691	ug/l	100
71) Bromoform	12.35	173	10485	19.412	ug/l #	99
73) Isopropylbenzene	12.47	105	124226	18.760	ug/l	97
74) N-amyl acetate	12.28	43	23925	20.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17692	20.572	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	13368m	10.926	ug/l	
77) Bromobenzene	12.75	156	27293	19.094	ug/l	98
78) n-propylbenzene	12.81	91	151282	19.176	ug/l	96
79) 2-Chlorotoluene	12.90	91	86246	19.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	109829	19.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5571	19.047	ug/l	98
82) 4-Chlorotoluene	12.99	91	89801	18.948	ug/l	100
83) tert-Butylbenzene	13.21	119	93522	18.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	112617	19.475	ug/l	98
85) sec-Butylbenzene	13.39	105	135464	19.167	ug/l	98
86) p-Isopropyltoluene	13.51	119	120970	19.228	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	56155	19.138	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	55078	18.583	ug/l	97
89) n-Butylbenzene	13.83	91	110715	18.832	ug/l	98
90) Hexachloroethane	14.10	117	17642	18.401	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	48916	19.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3191	19.154	ug/l	95

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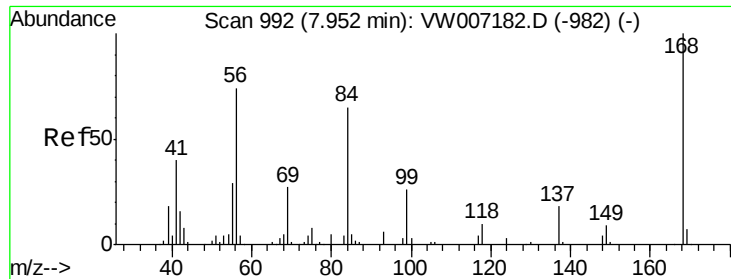
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32208	18.296	ug/l	99
94) Hexachlorobutadiene	15.24	225	17538	18.475	ug/l	99
95) Naphthalene	15.38	128	59450	18.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26514	17.862	ug/l	97

(#) = 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: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 168 Resp: 113420

Ion Ratio Lower Upper

168 100

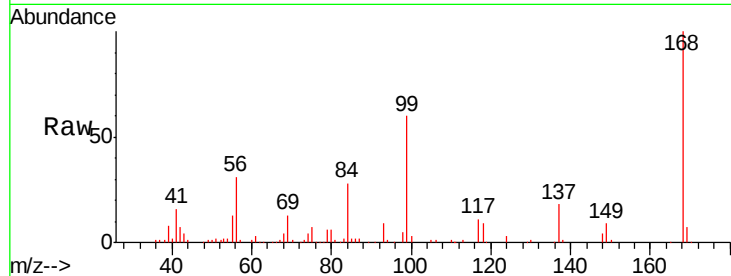
99 60.3 47.8 71.8

Manual Integrations

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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

60000

50000

40000

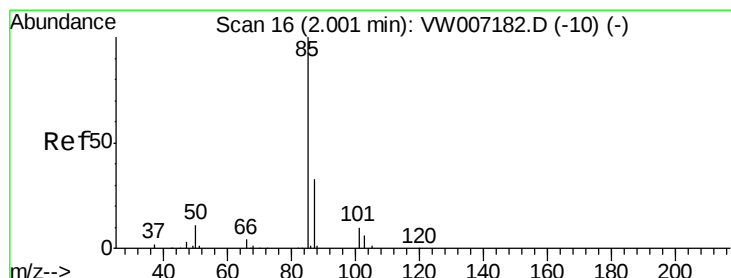
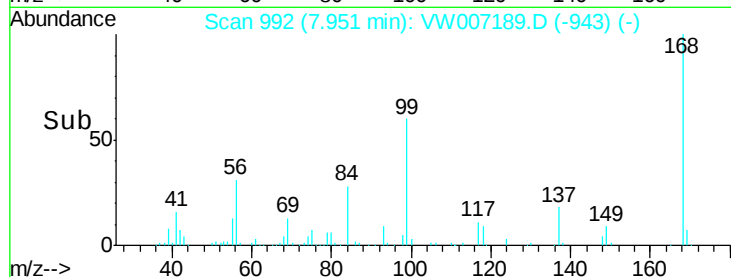
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.214 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007189.D

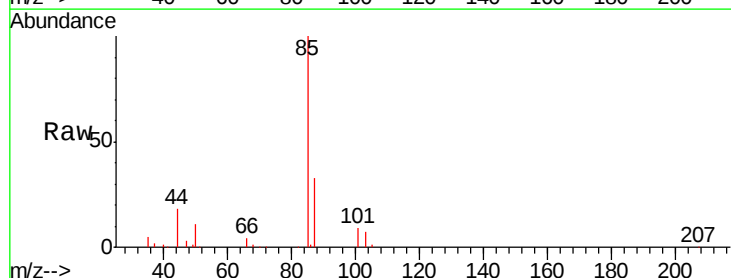
Acq: 04 Dec 2018 16:05

Tgt Ion: 85 Resp: 26325

Ion Ratio Lower Upper

85 100

87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

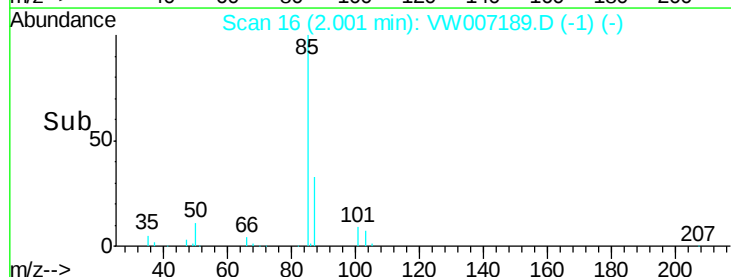
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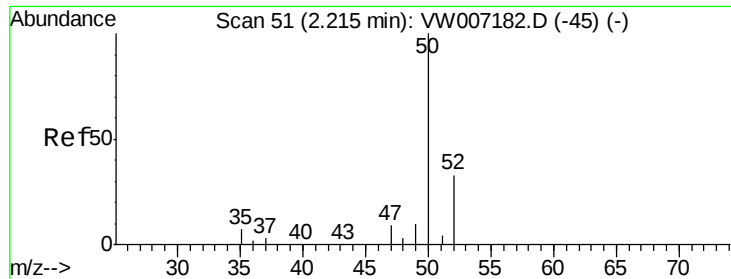
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.129 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 50 Resp: 30061

Ion Ratio Lower Upper

50 100

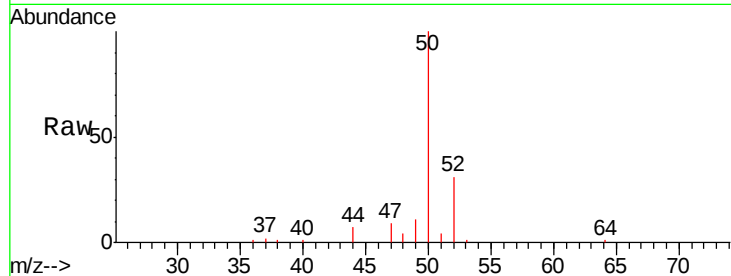
52 31.1 26.2 39.2

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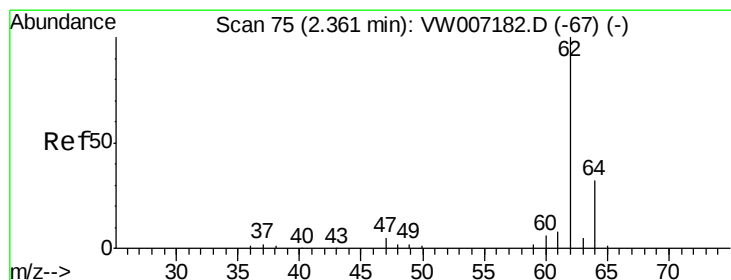
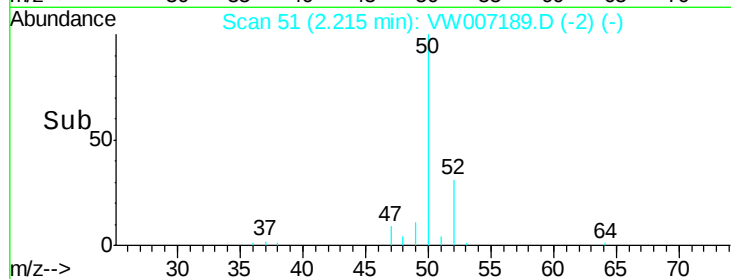
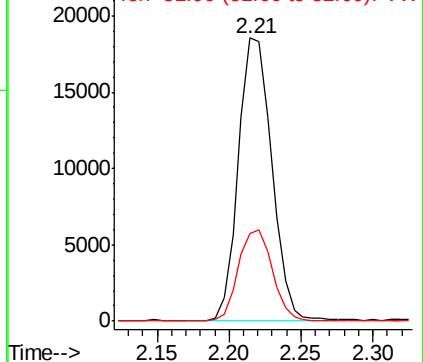
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.214 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007189.D

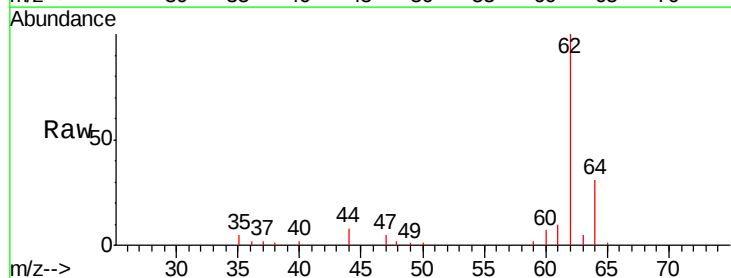
Acq: 04 Dec 2018 16:05

Tgt Ion: 62 Resp: 19889

Ion Ratio Lower Upper

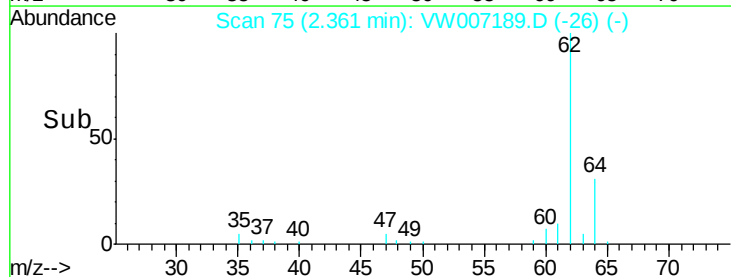
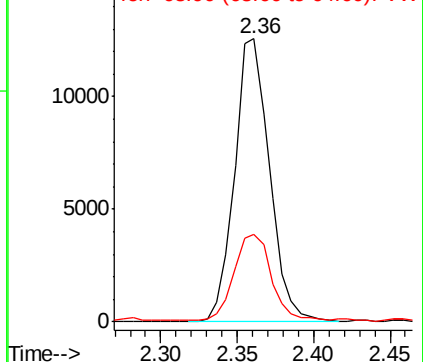
62 100

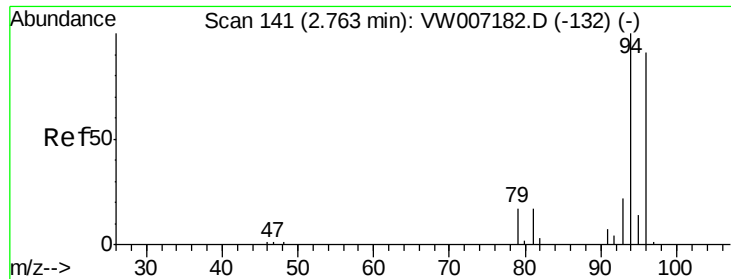
64 30.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.493 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

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ClientSampleId :

VW1204SBSD01

Tgt Ion: 94 Resp: 11090

Ion Ratio Lower Upper

94 100

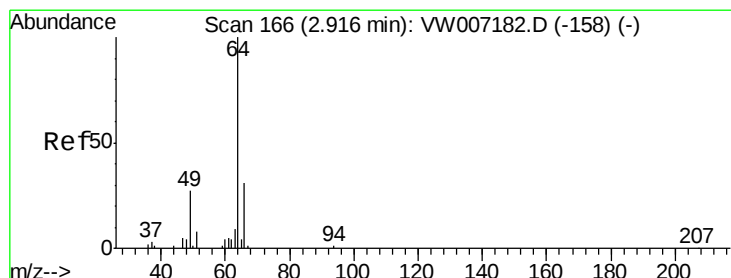
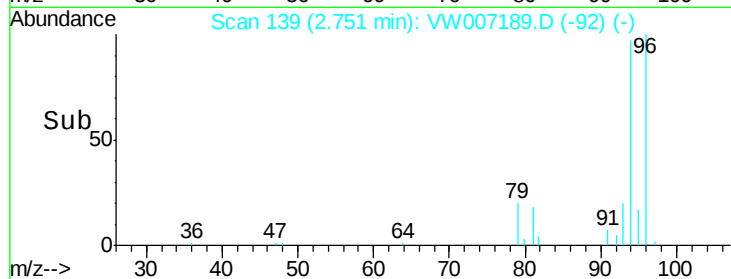
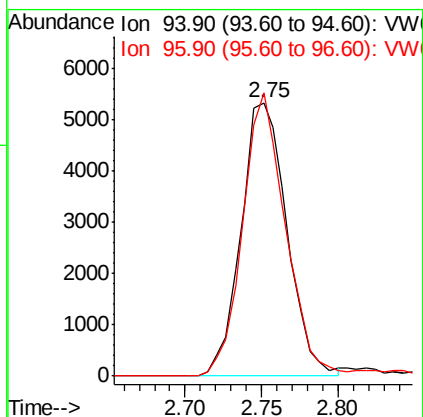
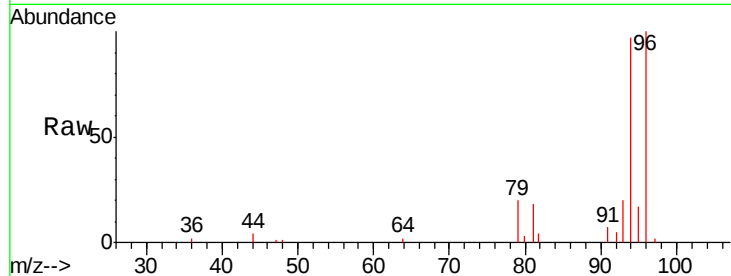
96 103.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 20.114 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007189.D

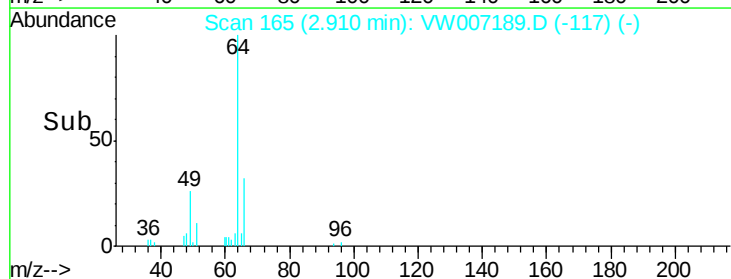
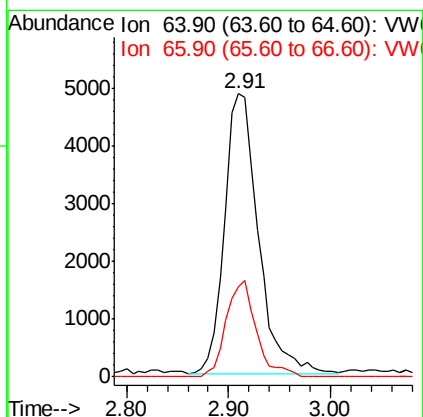
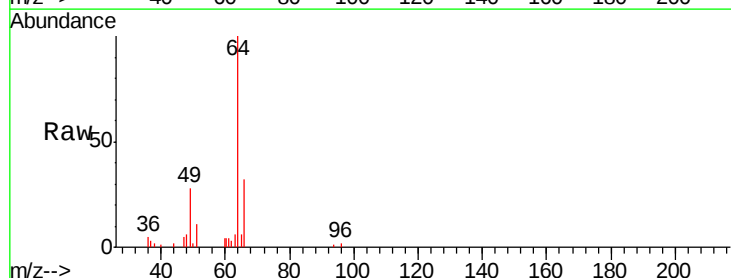
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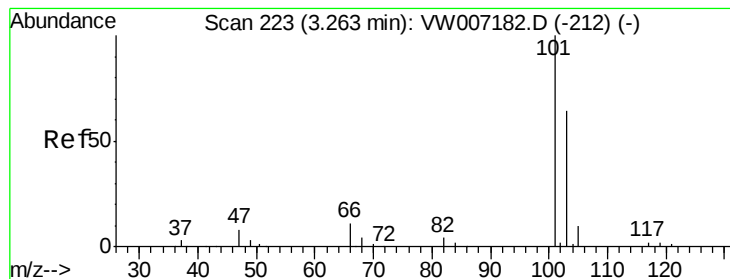
Tgt Ion: 64 Resp: 11104

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6





#7

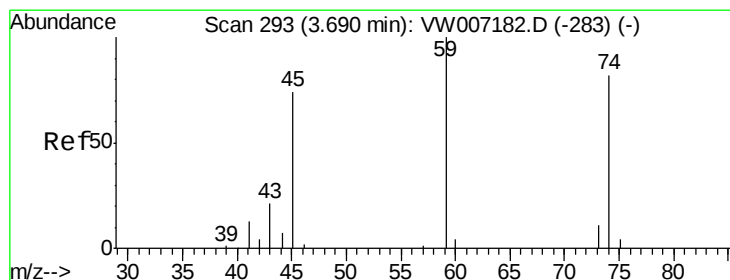
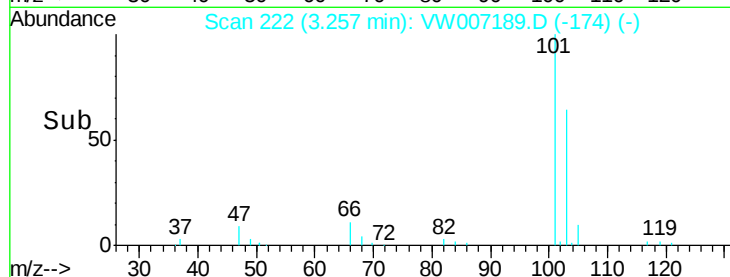
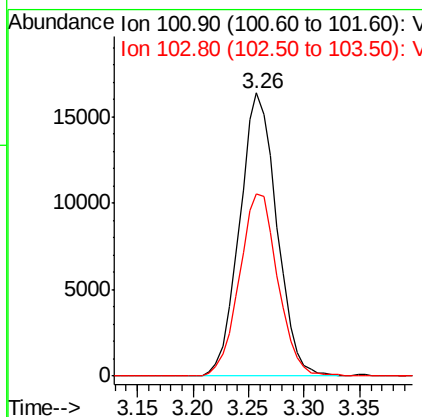
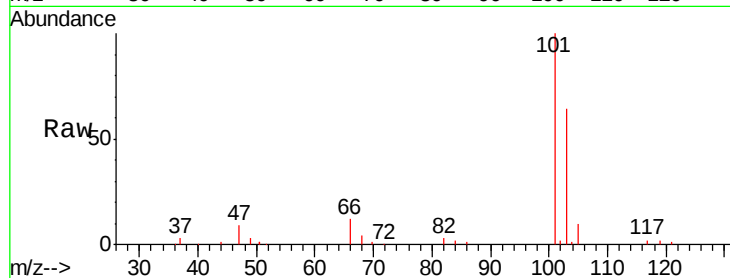
Trichlorofluoromethane
 Concen: 19.804 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007189.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

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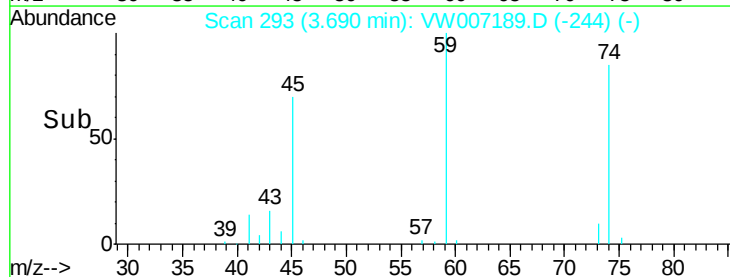
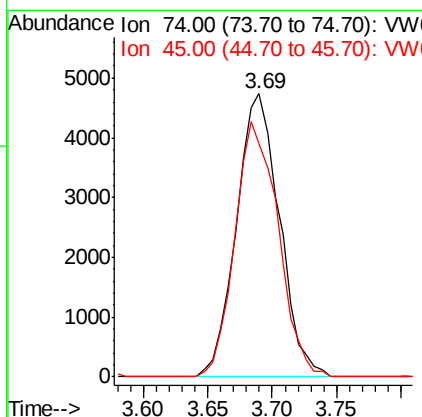
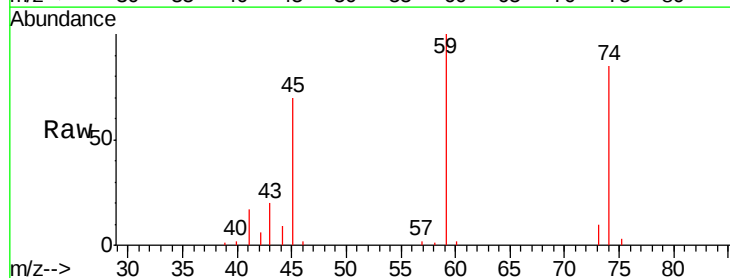
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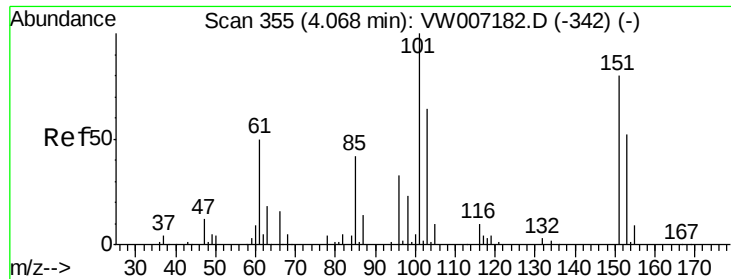


#8

Diethyl Ether
 Concen: 20.522 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.052 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

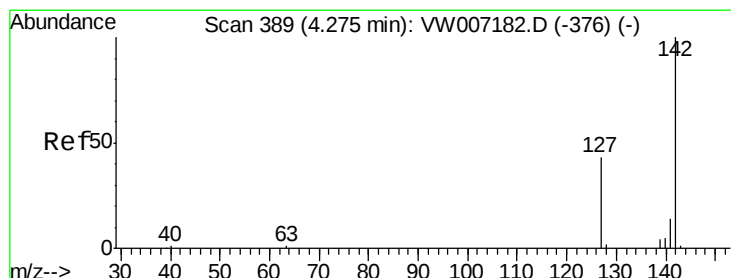
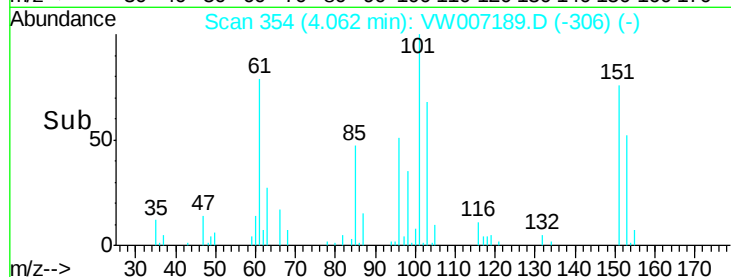
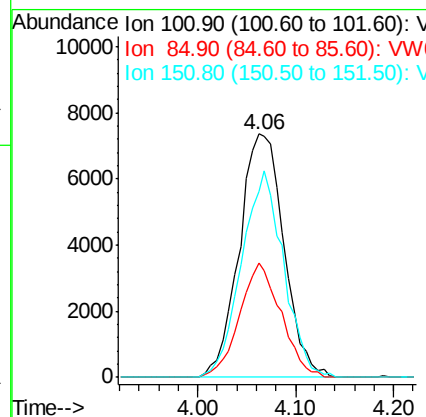
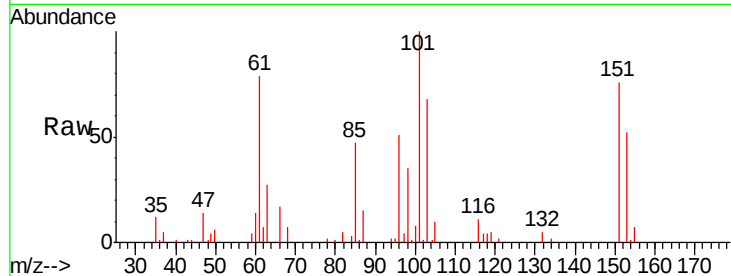
ClientSampleId :

VW1204SBSD01

Tgt Ion:	101	Resp:	23236
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.4	50.2
151	80.0	63.9	95.9

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#10

Methyl Iodide

Concen: 18.908 ug/l

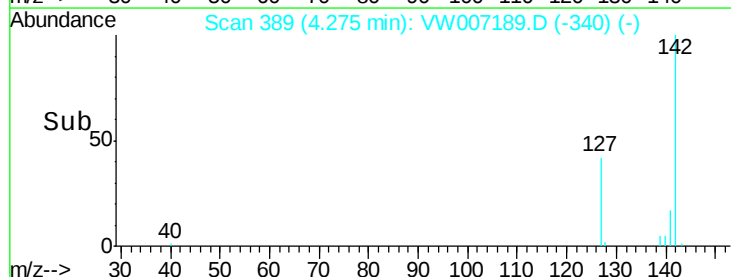
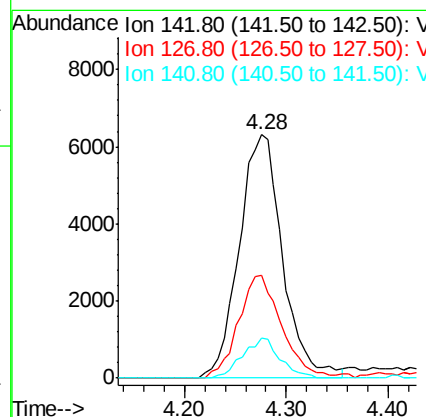
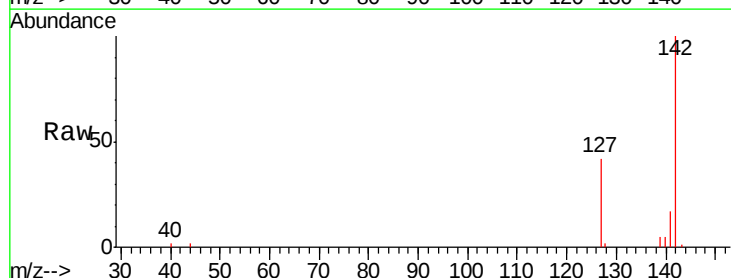
RT: 4.28 min Scan# 389

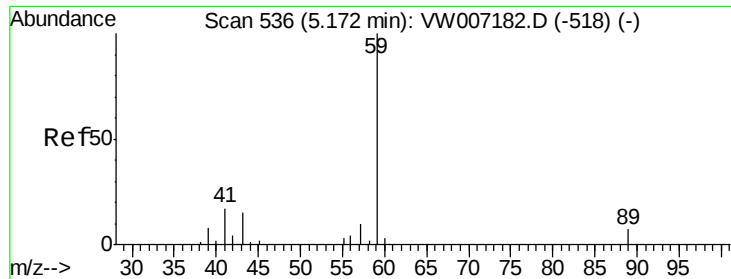
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	142	Resp:	18665
Ion Ratio	Lower	Upper	
142	100		
127	41.4	34.9	52.3
141	14.1	11.7	17.5





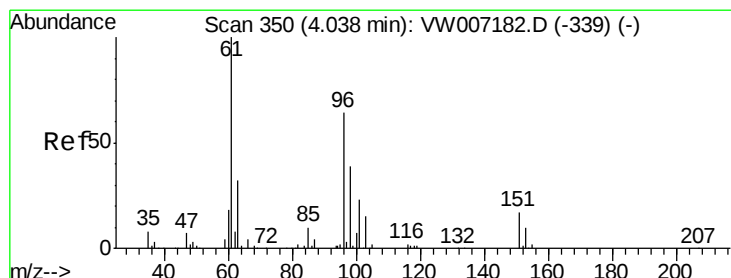
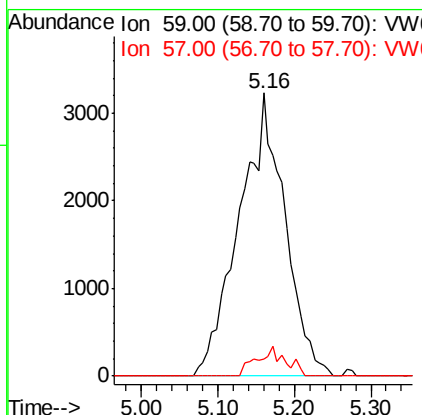
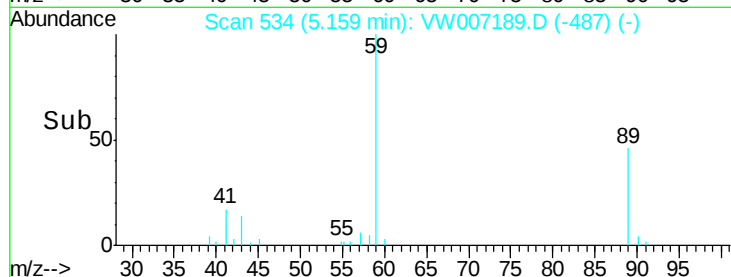
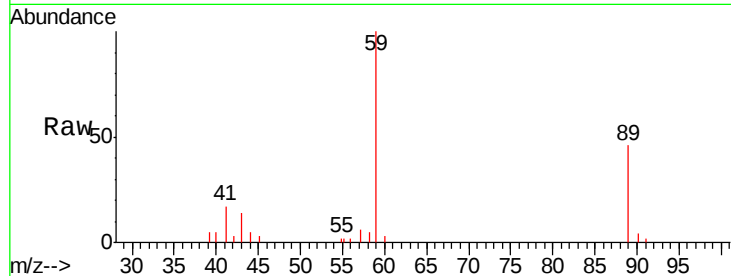
#11
Tert butyl alcohol
Concen: 123.674 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion: 59 Resp: 13430
Ion Ratio Lower Upper
59 100
57 6.5 7.1 10.7#

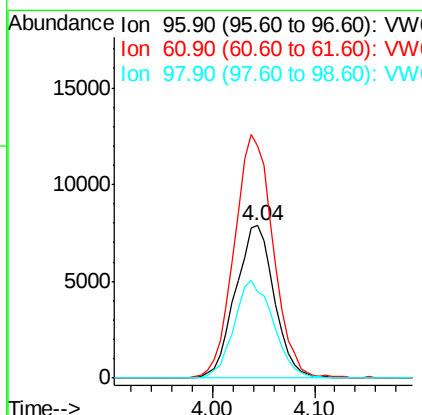
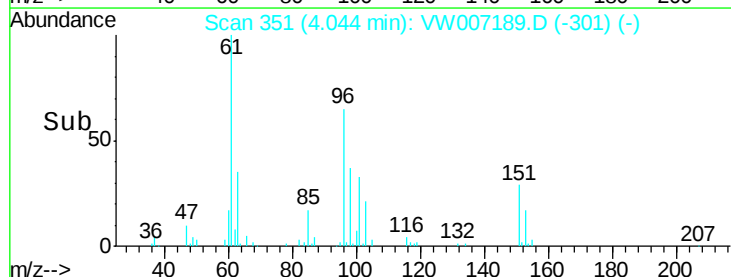
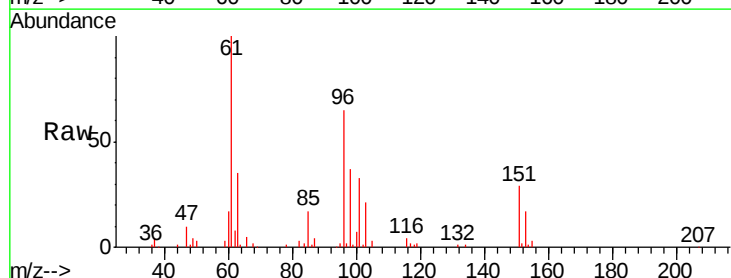
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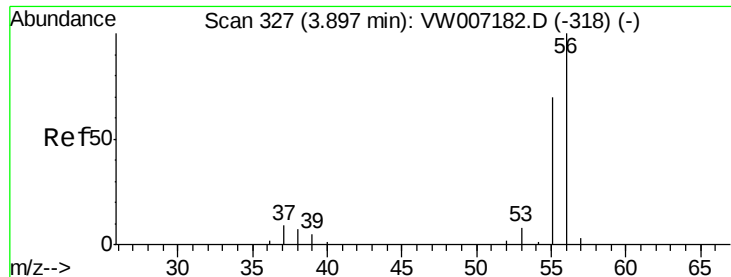
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#12
1,1-Dichloroethene
Concen: 19.218 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion: 96 Resp: 20870
Ion Ratio Lower Upper
96 100
61 152.7 124.1 186.1
98 56.9 48.6 72.8





#13

Acrolein

Concen: 104.376 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 56 Resp: 7723

Ion Ratio Lower Upper

56 100

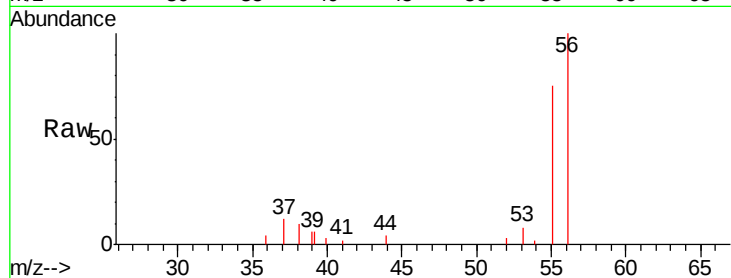
55 71.3 56.9 85.3

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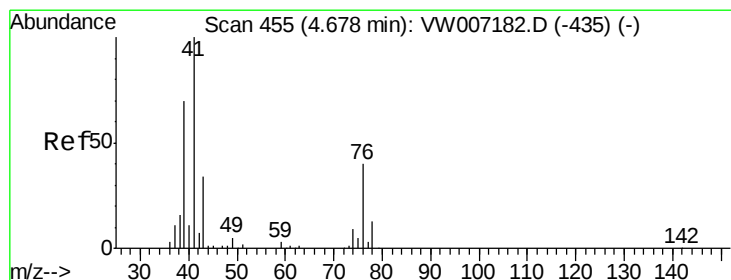
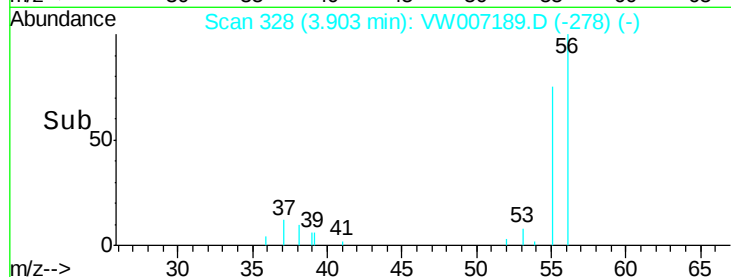
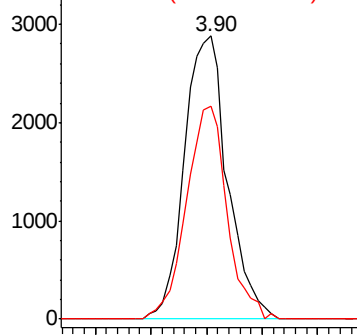
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.366 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

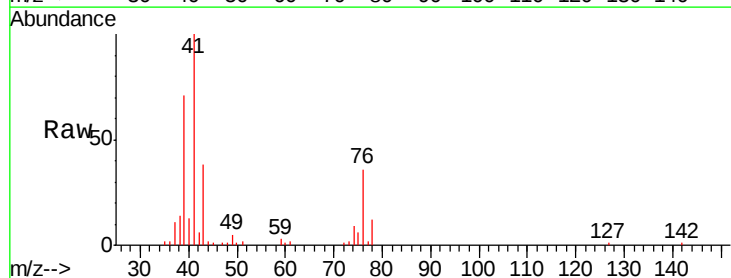
Tgt Ion: 41 Resp: 33710

Ion Ratio Lower Upper

41 100

39 70.7 55.9 83.9

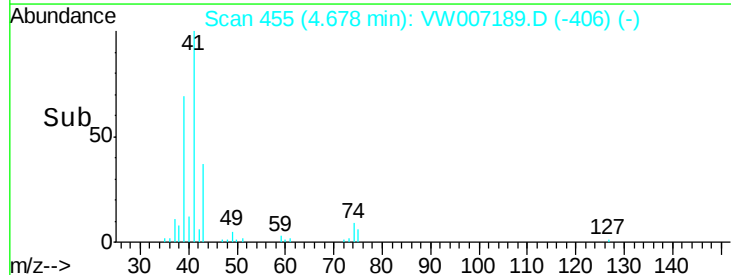
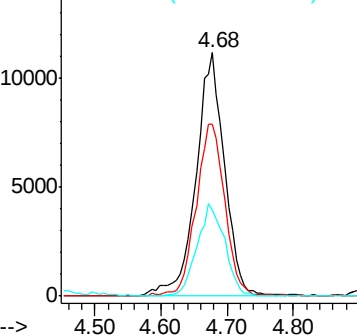
76 36.6 30.8 46.2

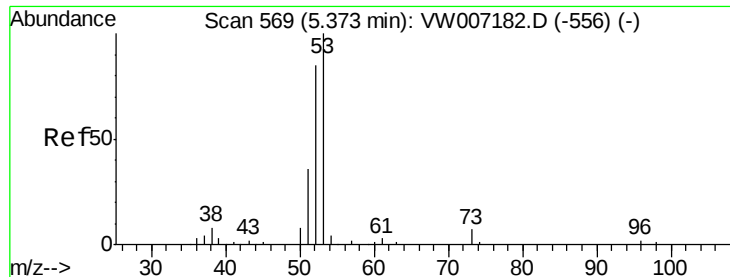


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.475 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

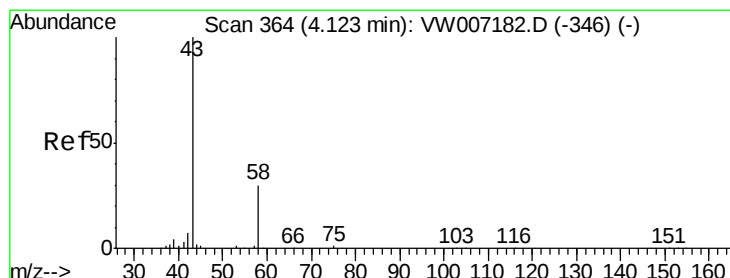
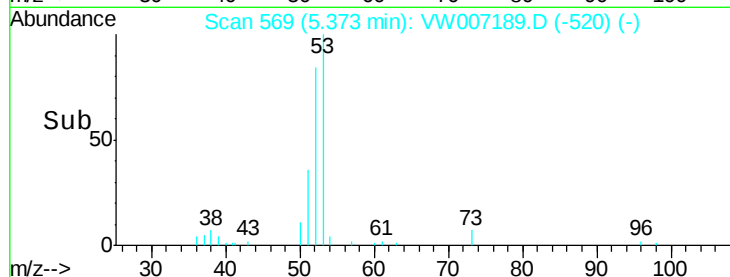
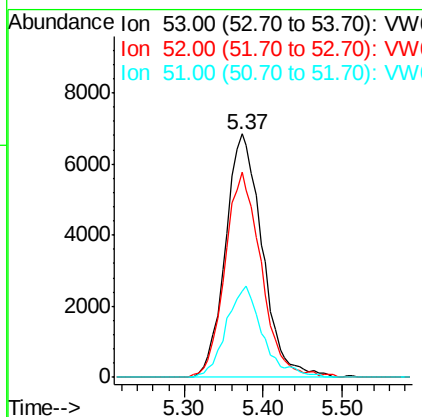
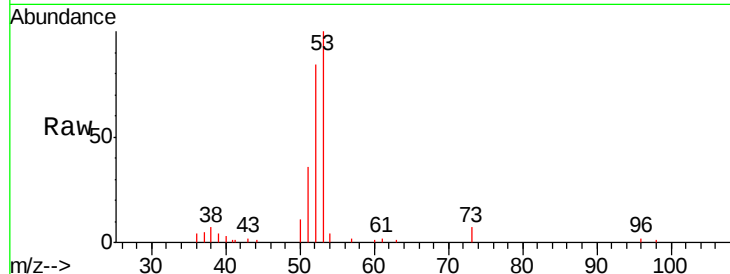
ClientSampleId :

VW1204SBSD01

Tgt Ion:	53	Resp:	22236
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.1	99.1
51	37.2	30.3	45.5

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#16

Acetone

Concen: 89.484 ug/l

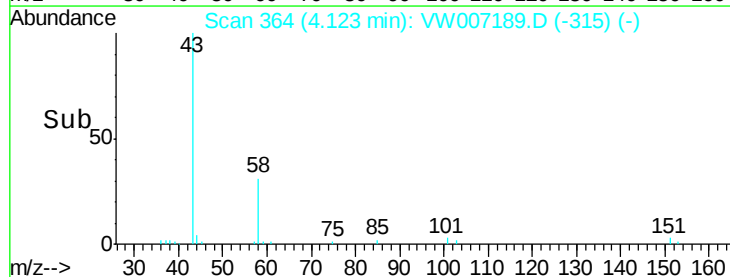
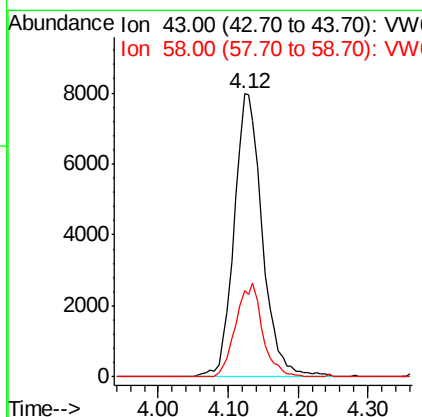
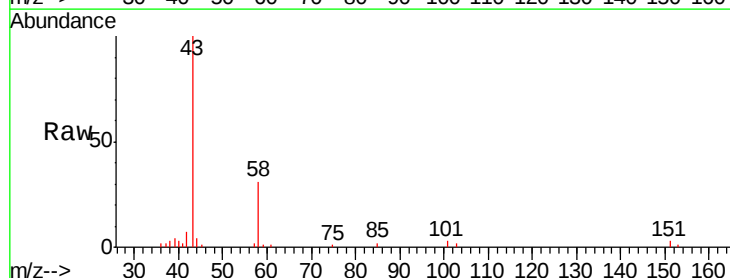
RT: 4.12 min Scan# 364

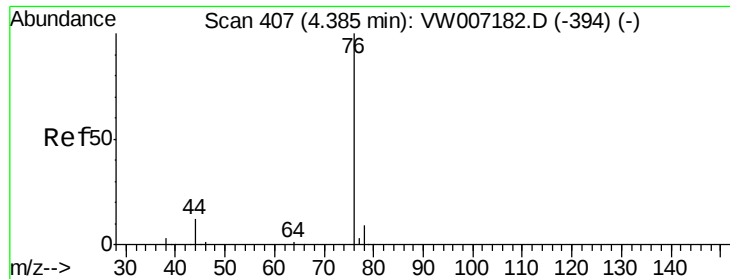
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	43	Resp:	22370
Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.8	35.8





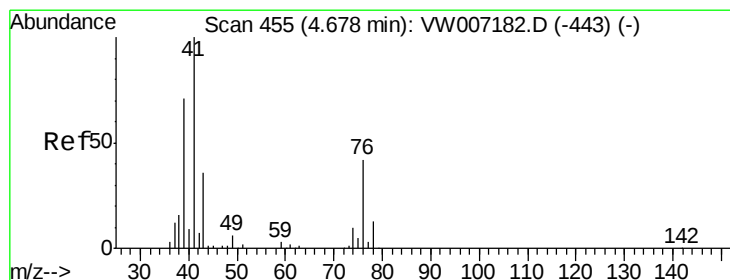
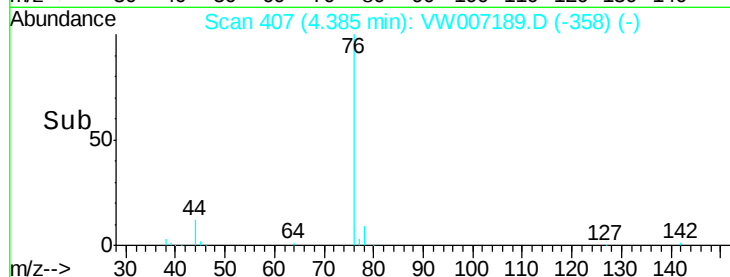
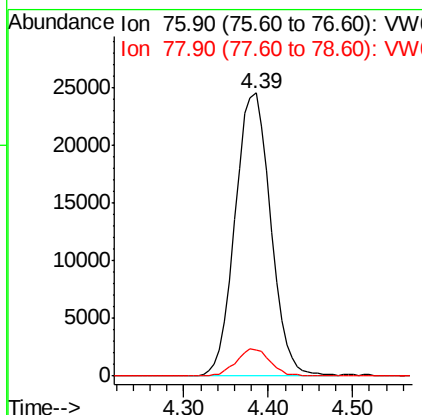
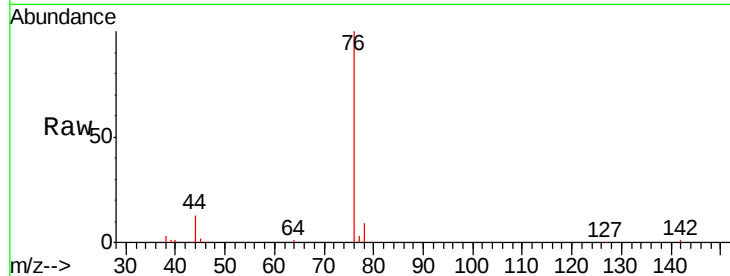
#17
Carbon Disulfide
Concen: 19.626 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion: 76 Resp: 70253
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

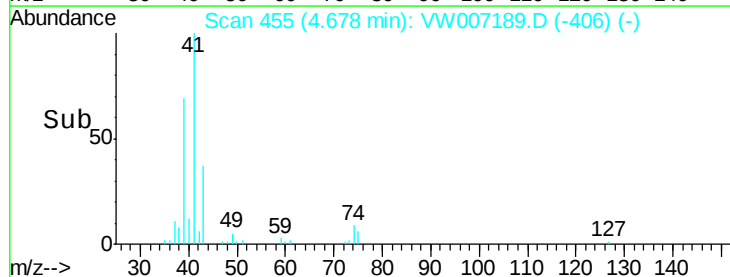
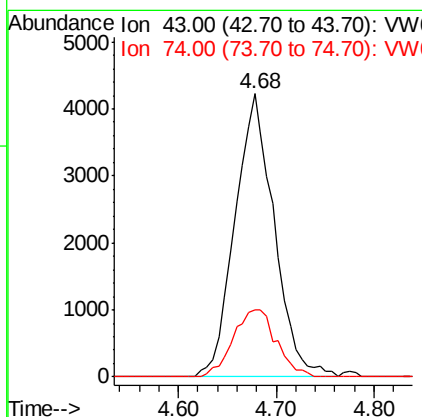
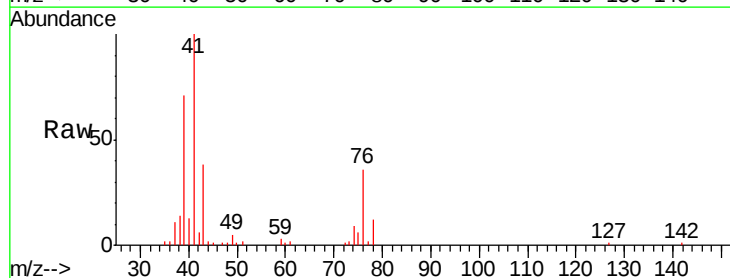
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#18
Methyl Acetate
Concen: 20.569 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion: 43 Resp: 11737
Ion Ratio Lower Upper
43 100
74 26.2 20.1 30.1





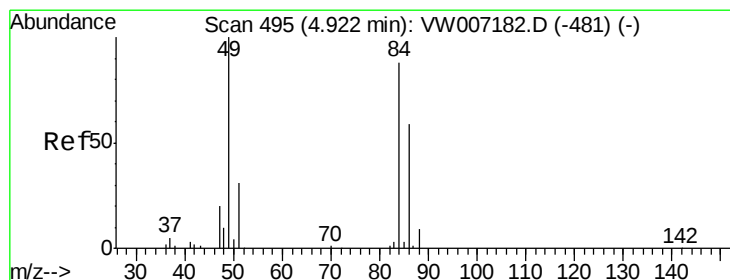
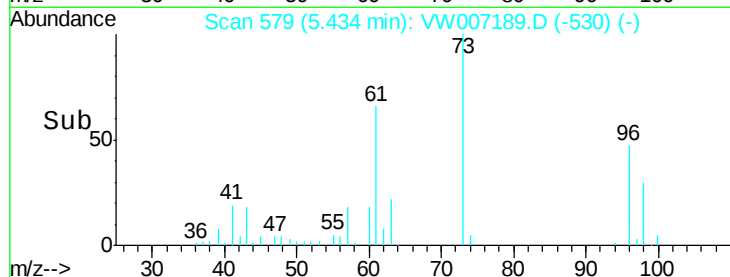
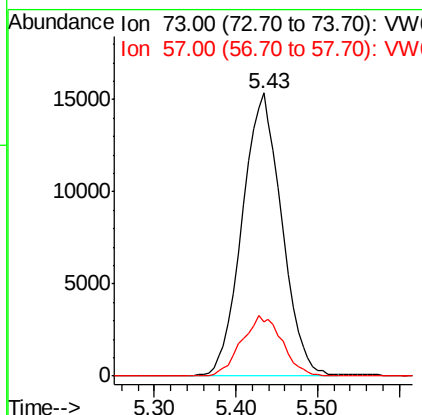
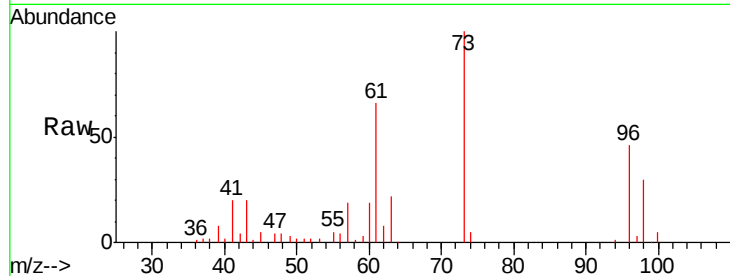
#19
Methyl tert-butyl Ether
Concen: 20.284 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 73 Resp: 51862
Ion Ratio Lower Upper
73 100
57 19.1 16.6 25.0

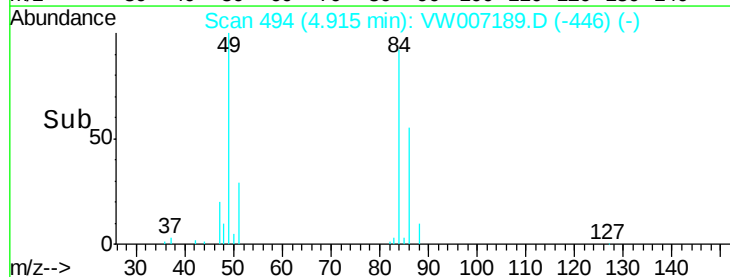
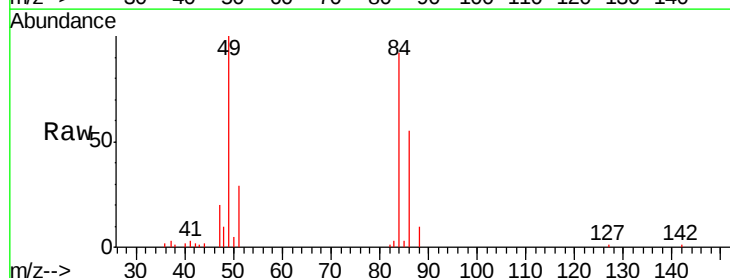
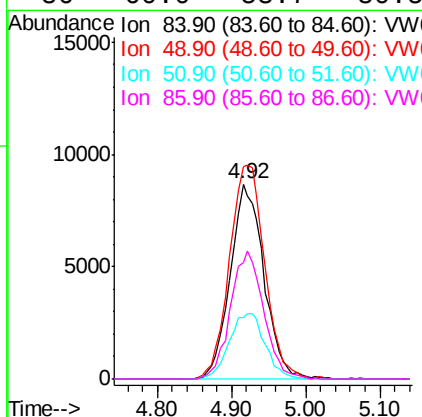
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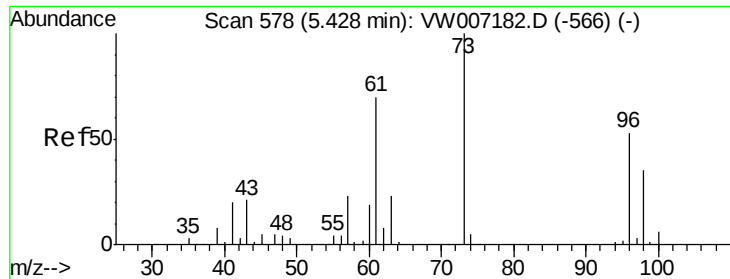
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#20
Methylene Chloride
Concen: 18.536 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion: 84 Resp: 27467
Ion Ratio Lower Upper
84 100
49 109.2 90.6 135.8
51 31.3 27.6 41.4
86 60.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.002 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

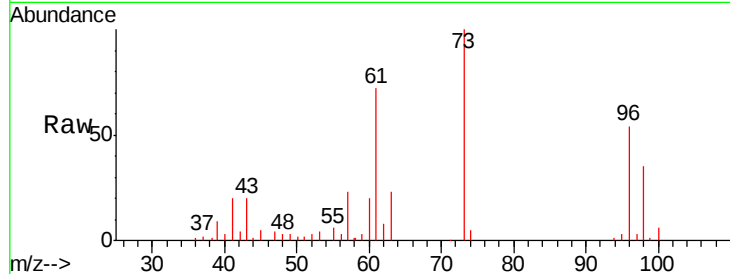
ClientSampleId :

VW1204SBS01

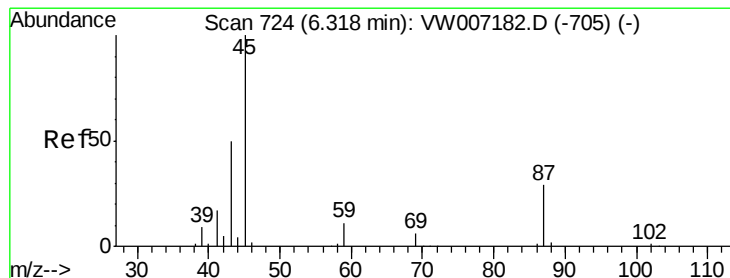
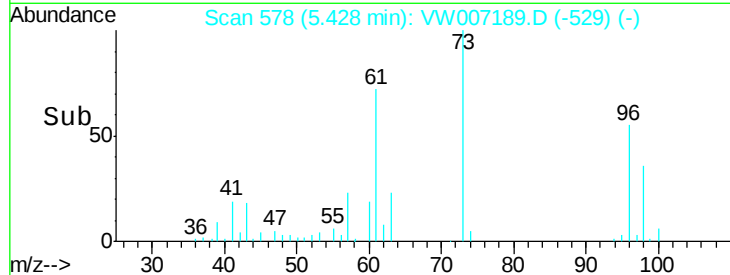
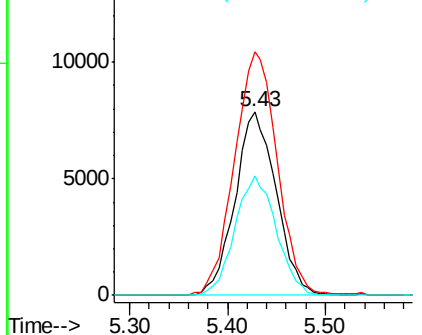
Tgt Ion:	96	Resp:	23042
Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.5	158.3
98	65.4	52.6	79.0

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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.628 ug/l

RT: 6.32 min Scan# 724

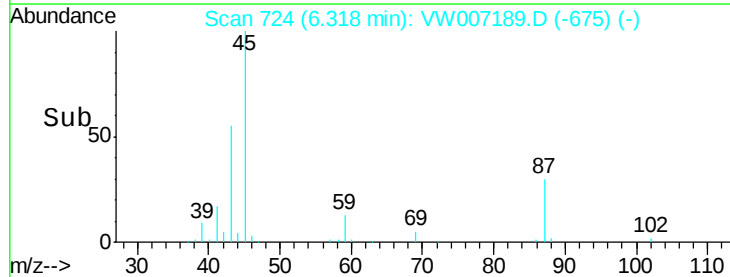
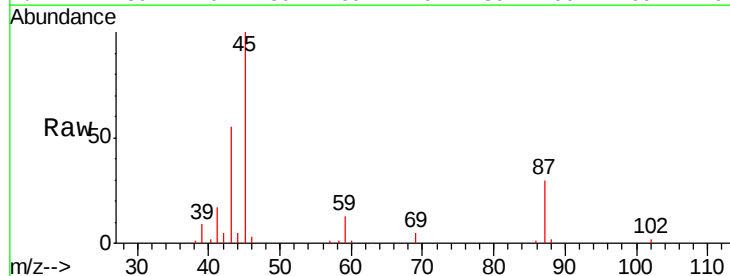
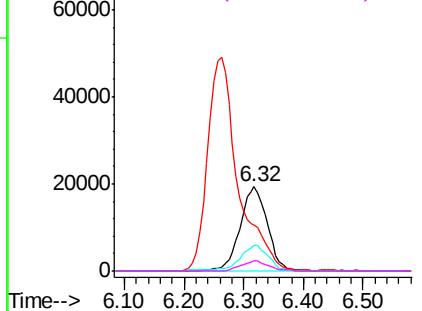
Delta R.T. -0.00 min

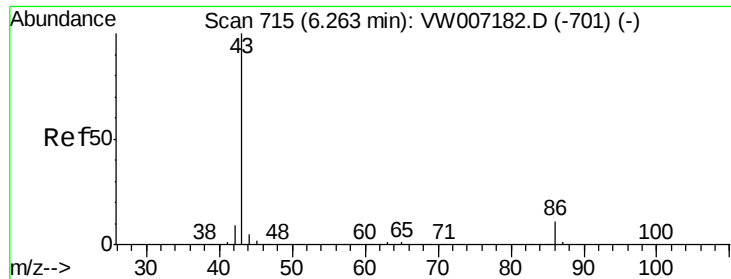
Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	45	Resp:	61334
Ion	Ratio	Lower	Upper
45	100		
43	54.8	40.8	61.2
87	29.9	24.0	36.0
59	12.7	9.1	13.7

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.262 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 43 Resp: 172657

Ion Ratio Lower Upper

43 100

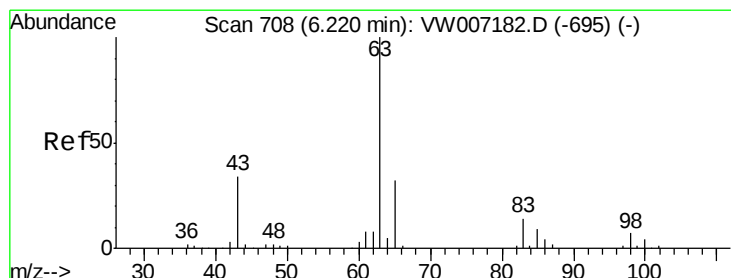
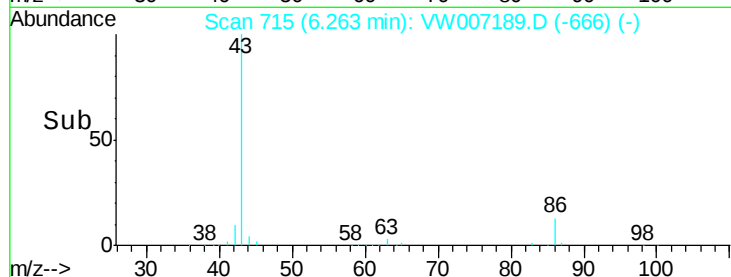
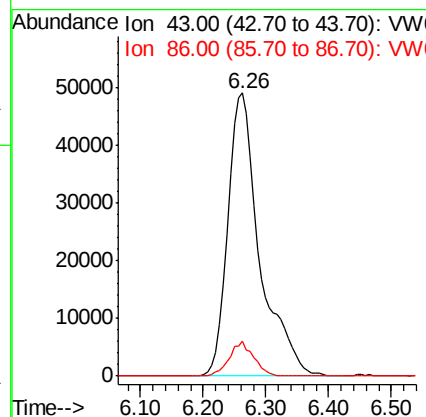
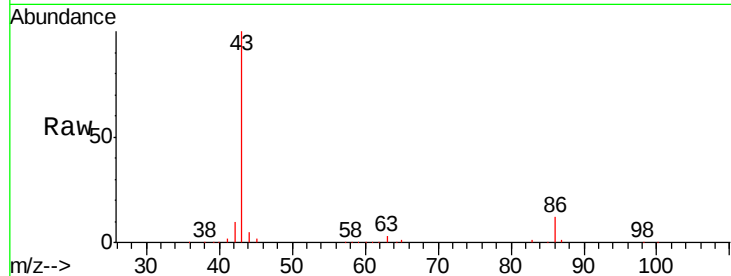
86 12.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 19.741 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

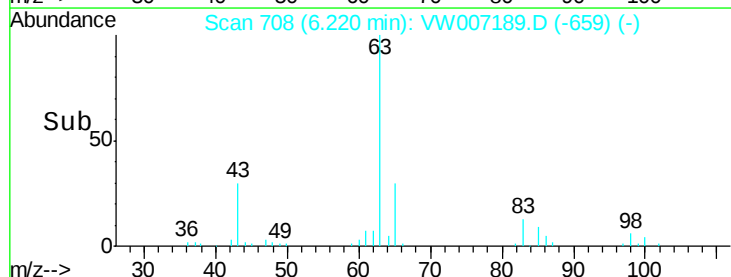
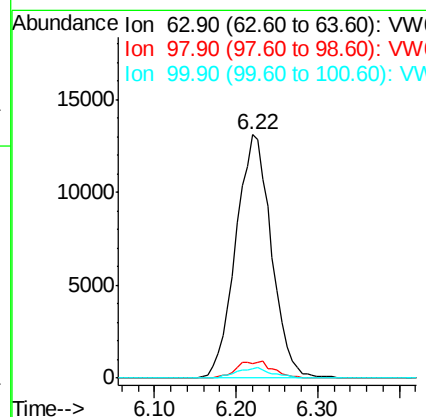
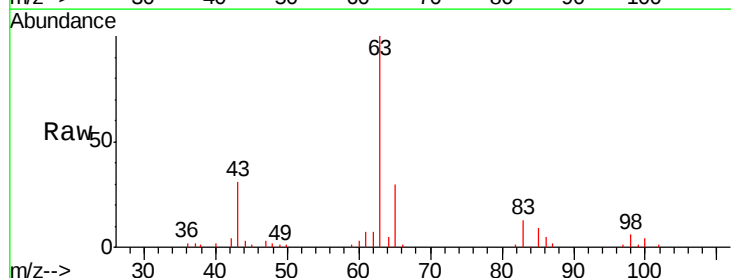
Tgt Ion: 63 Resp: 39538

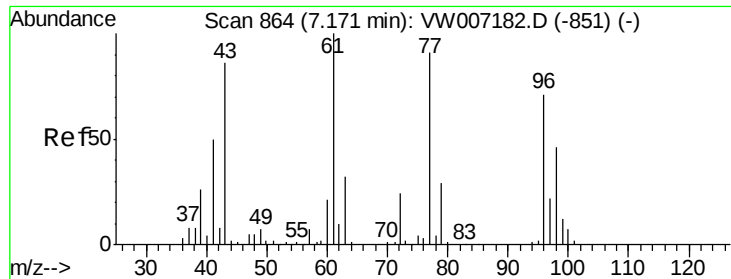
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 97.630 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 43 Resp: 28292

Ion Ratio Lower Upper

43 100

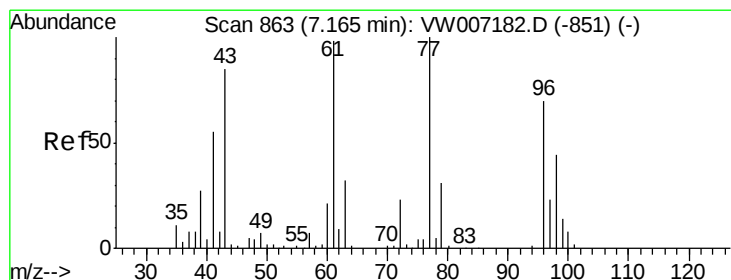
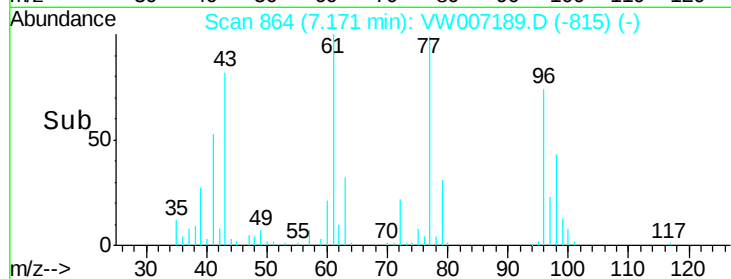
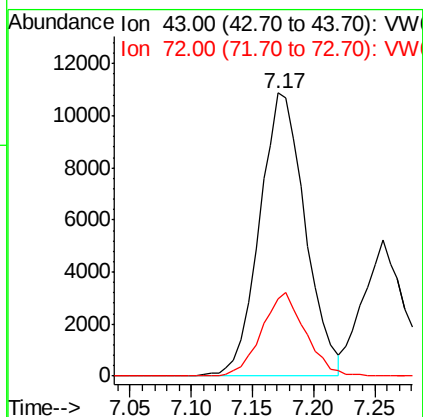
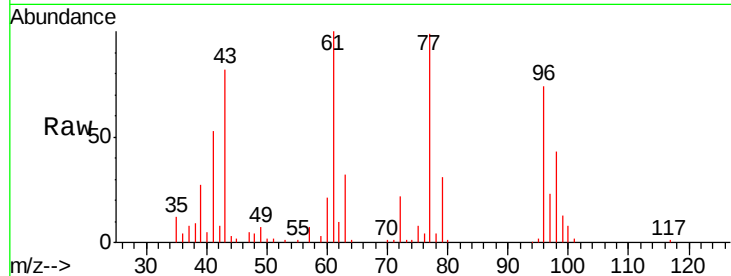
72 27.1 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 19.641 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007189.D

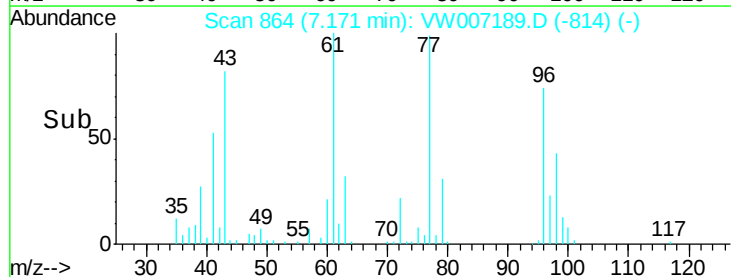
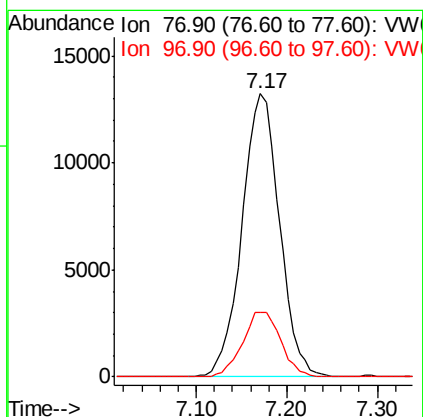
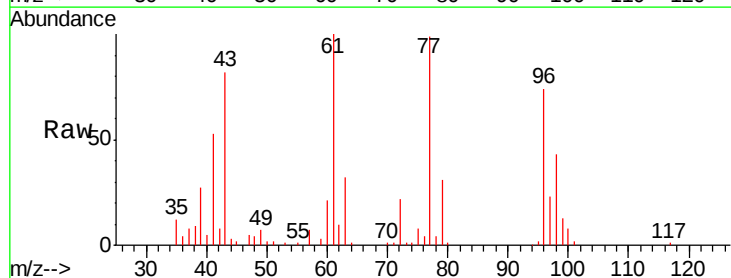
Acq: 04 Dec 2018 16:05

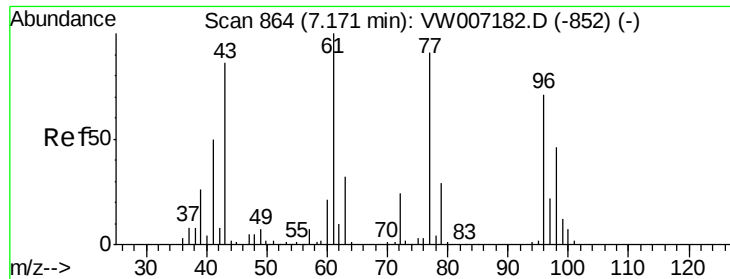
Tgt Ion: 77 Resp: 37802

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4





#27

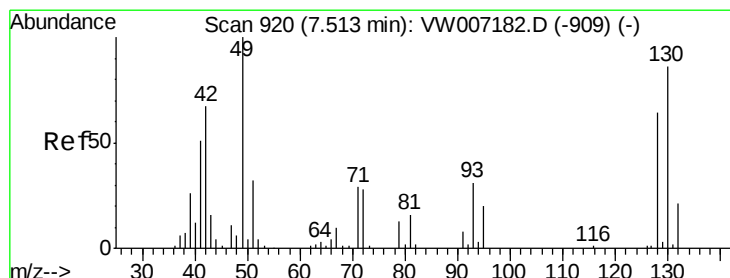
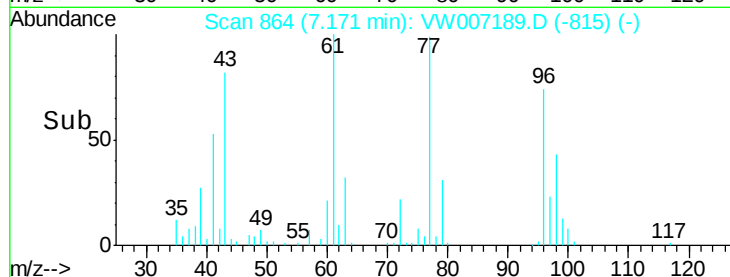
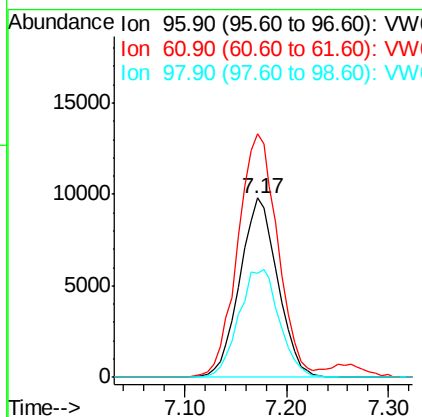
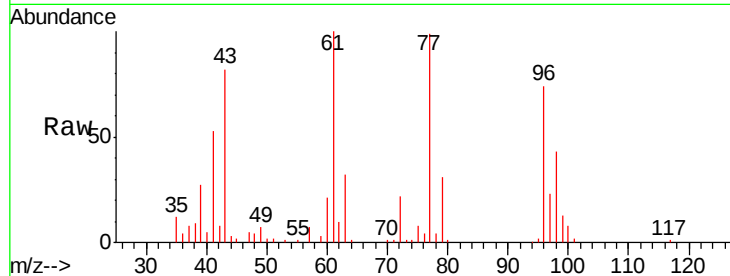
cis-1,2-Dichloroethene
Concen: 19.466 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampled :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	282.4
98	64.3	0.0	129.8

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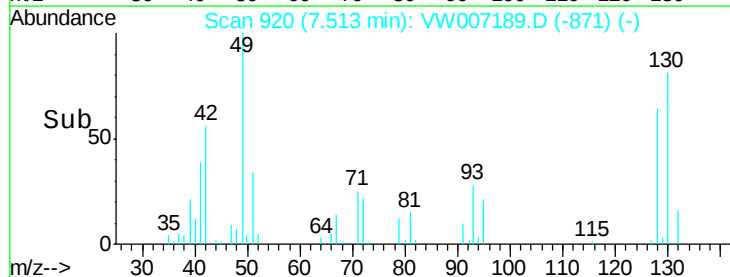
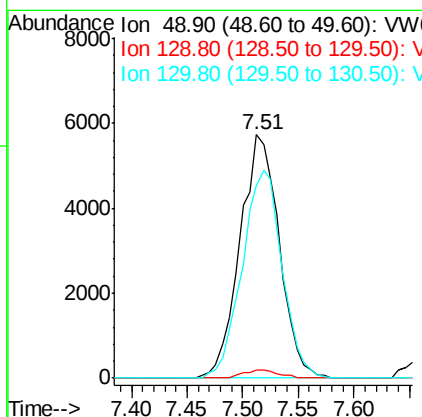
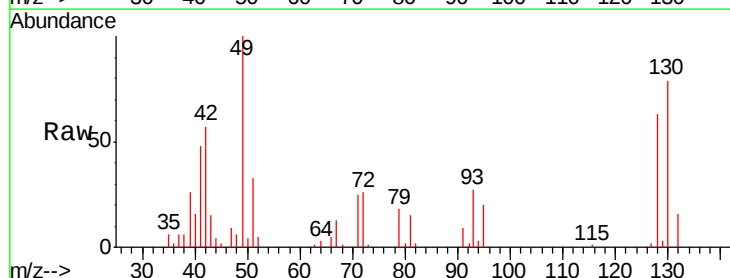
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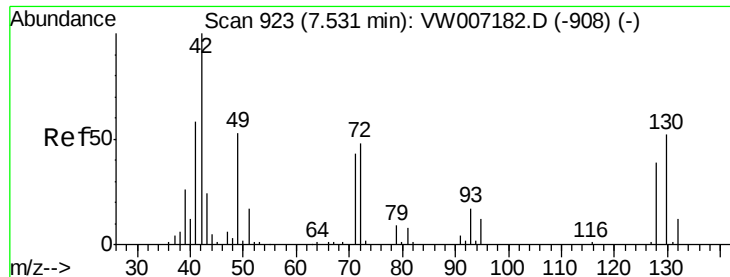


#28

Bromochloromethane
Concen: 19.474 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.8
130	86.9	70.3	105.5





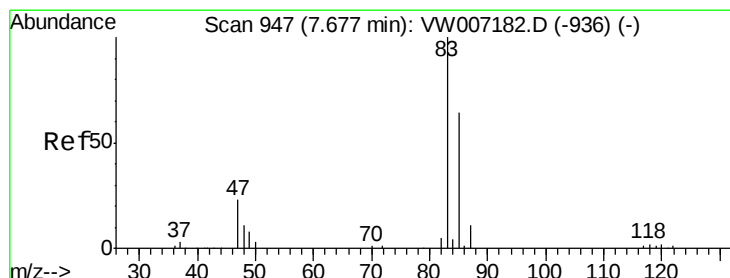
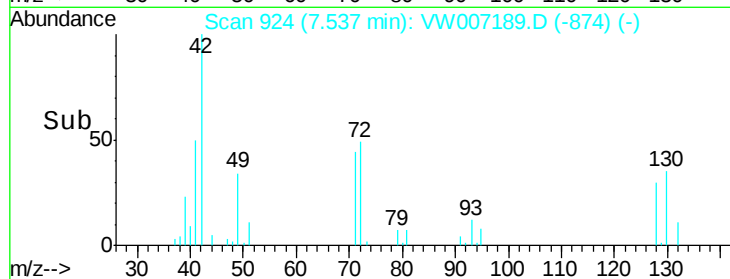
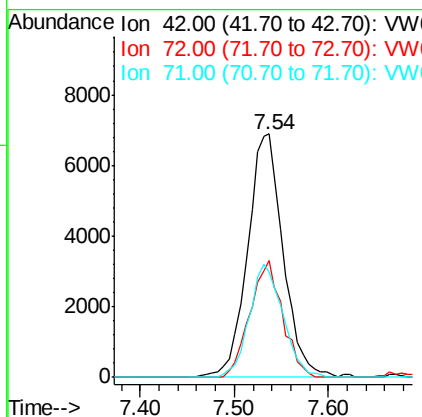
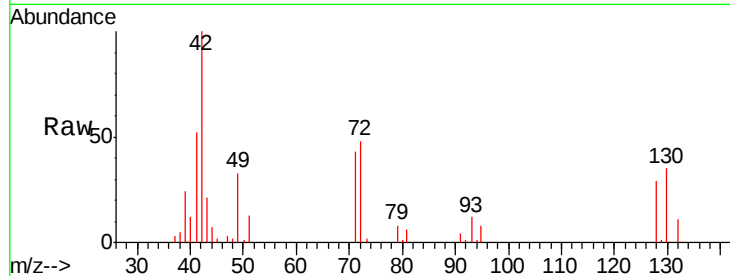
#29
Tetrahydrofuran
Concen: 101.895 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.6	55.0
71	44.0	34.8	52.2

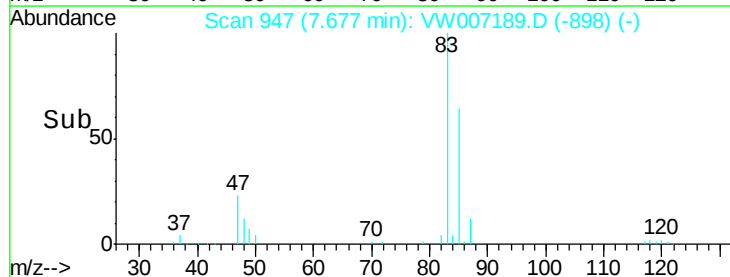
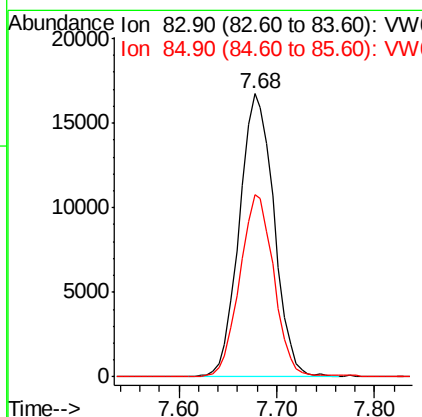
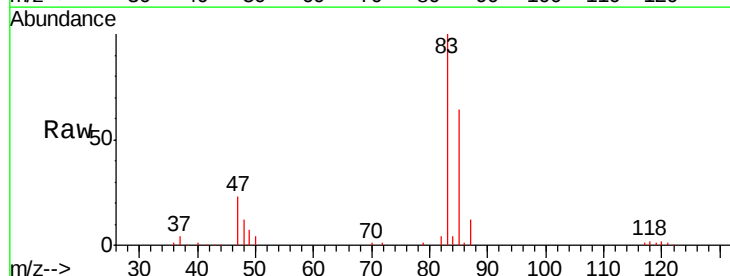
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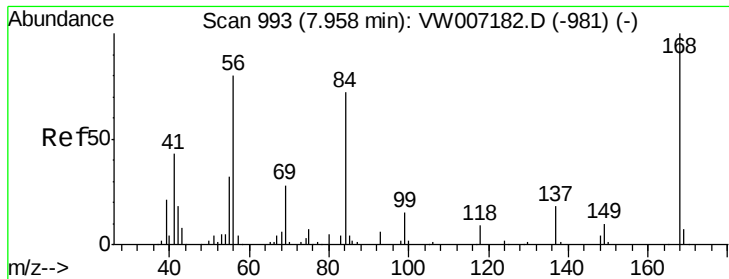
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#30
Chloroform
Concen: 19.708 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





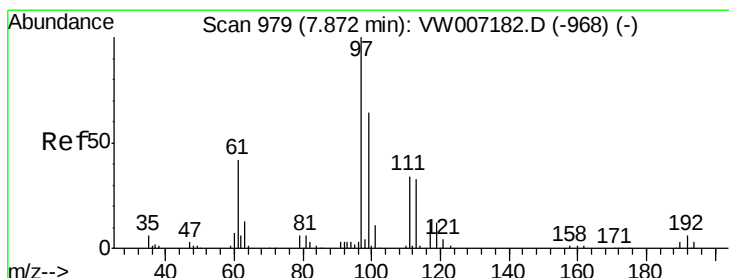
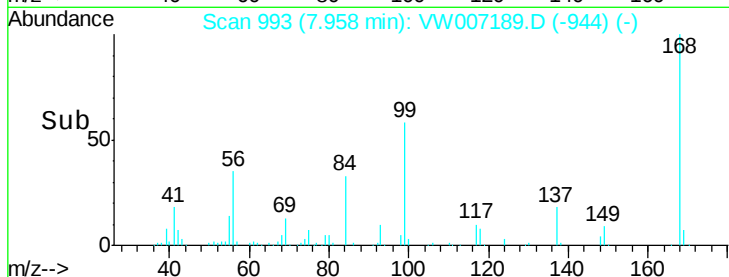
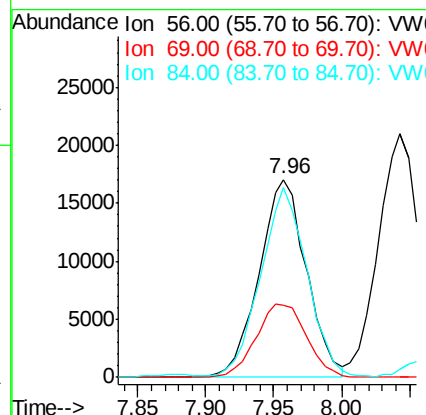
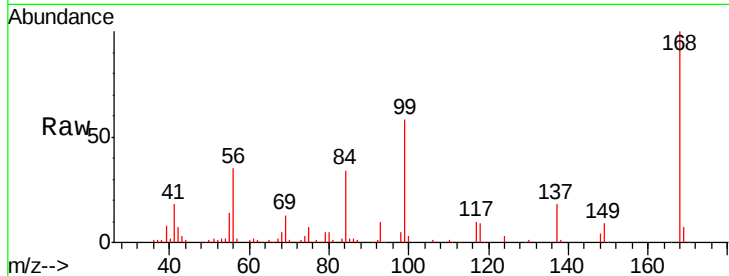
#31
Cyclohexane
Concen: 19.716 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.3	28.2	42.2
84	95.0	72.1	108.1

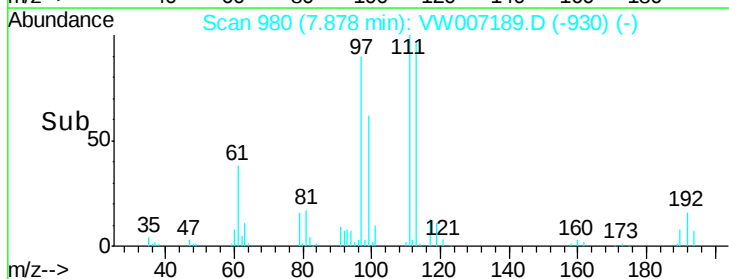
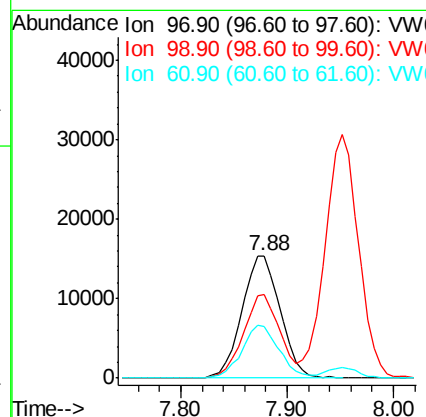
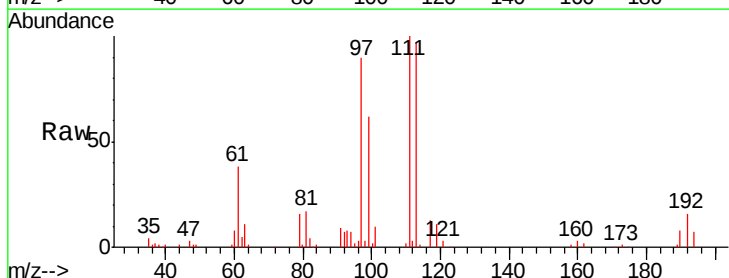
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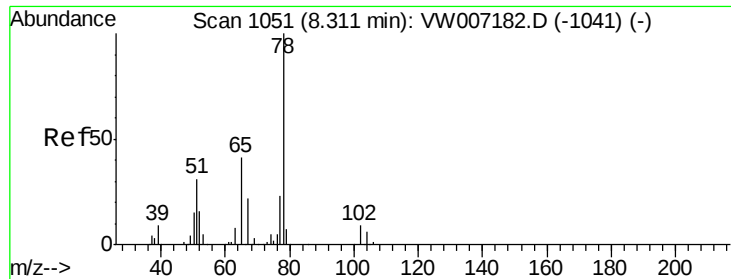
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#32
1,1,1-Trichloroethane
Concen: 19.806 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	42.1	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 48.336 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 65 Resp: 51042

Ion Ratio Lower Upper

65 100

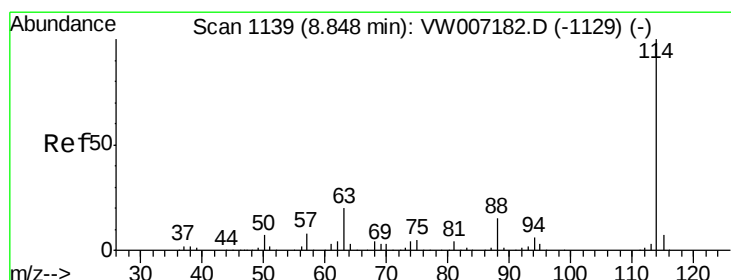
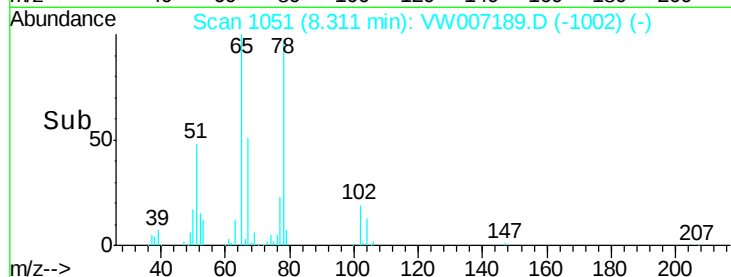
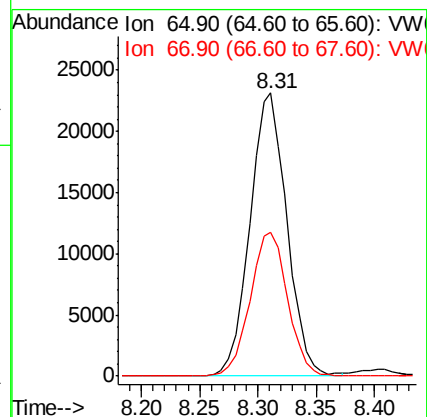
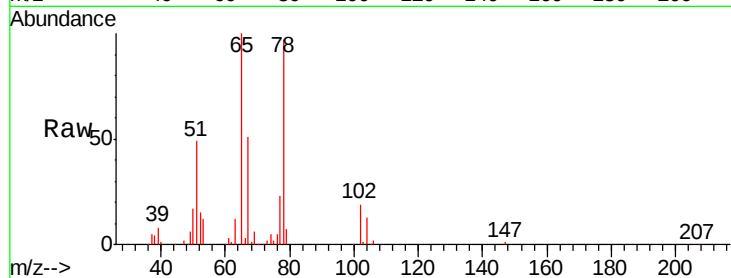
67 51.5 0.0 106.4

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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: VW007189.D

Acq: 04 Dec 2018 16:05

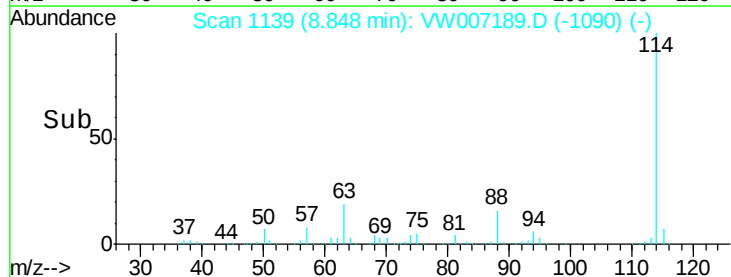
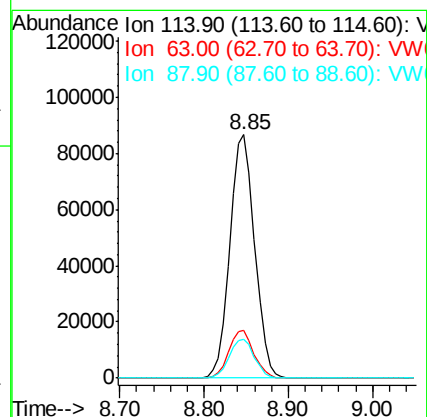
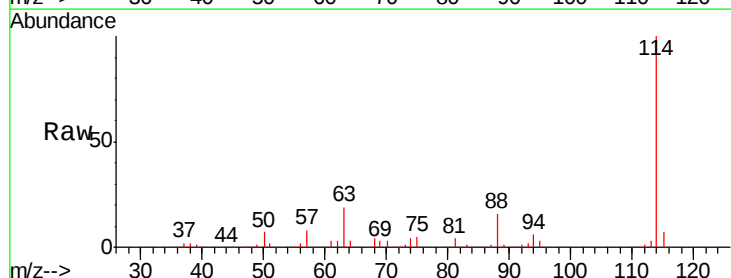
Tgt Ion: 114 Resp: 174769

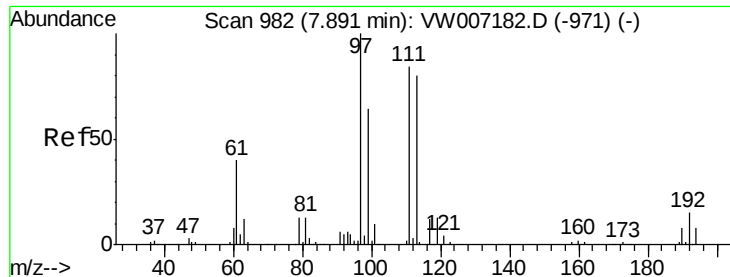
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.441 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

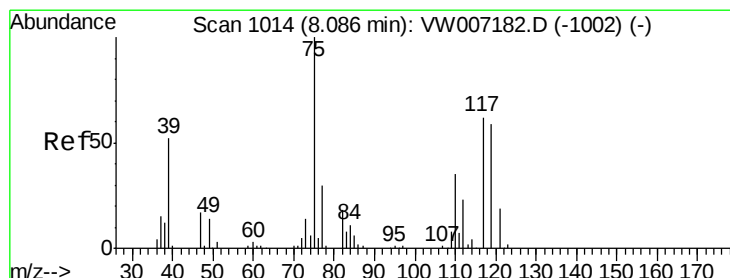
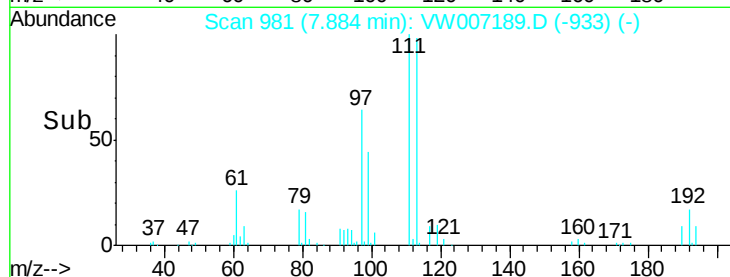
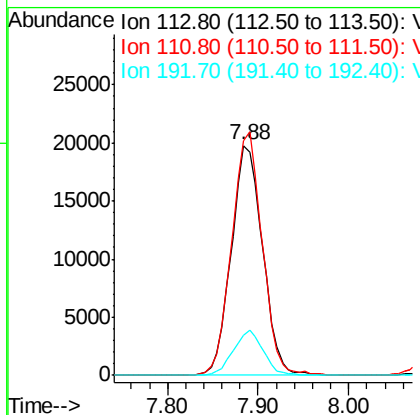
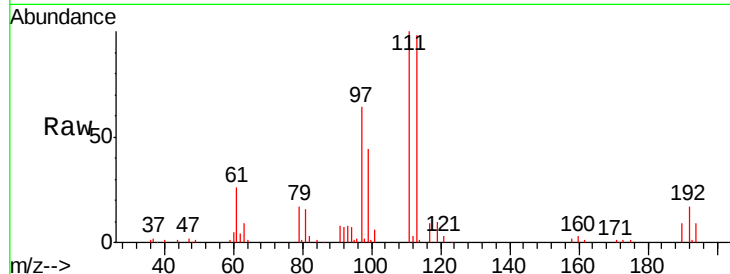
ClientSampleId :

VW1204SBSD01

Tgt Ion:	113	Resp:	47475
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	18.6	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.812 ug/l

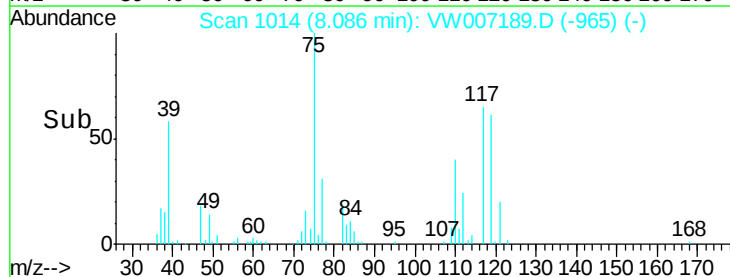
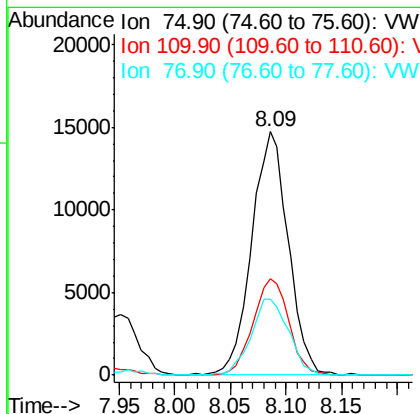
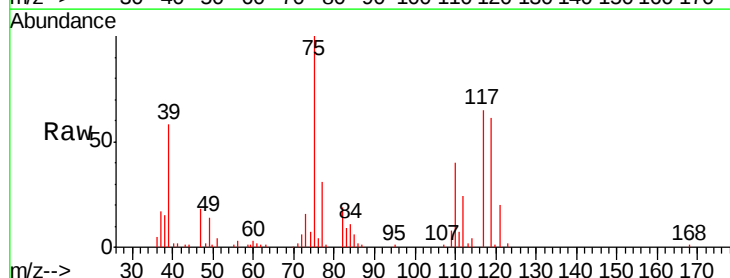
RT: 8.09 min Scan# 1014

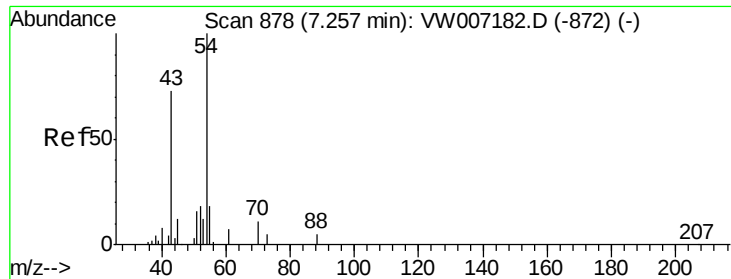
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	75	Resp:	33691
Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.3	54.9
77	32.0	24.9	37.3





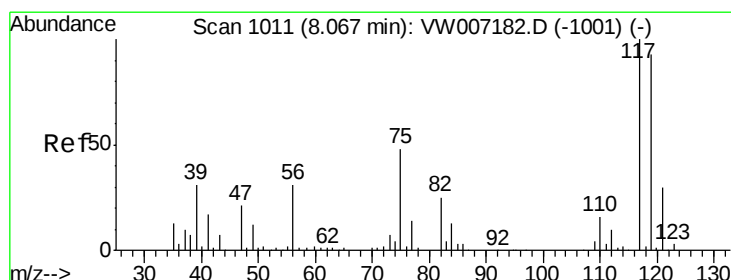
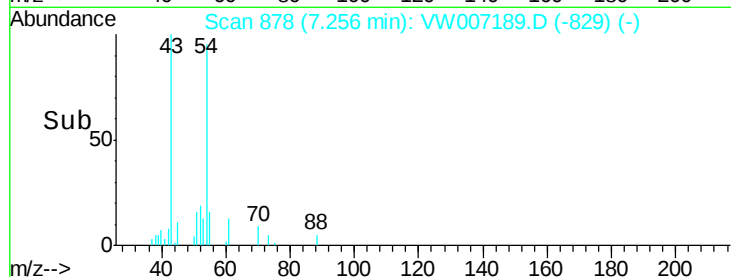
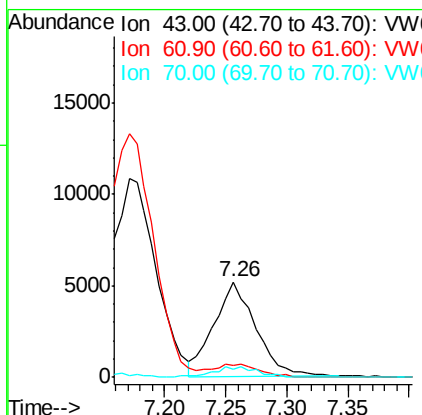
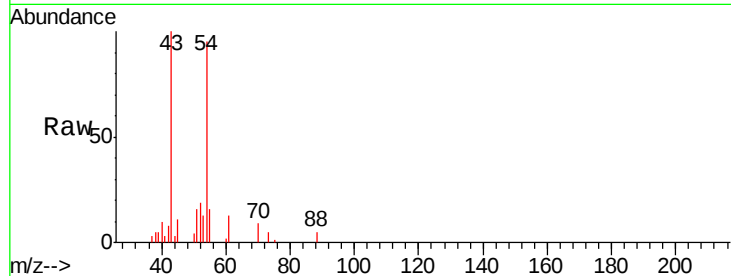
#37
Ethyl Acetate
Concen: 20.178 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	12.1	18.1
70	11.5	9.1	13.7

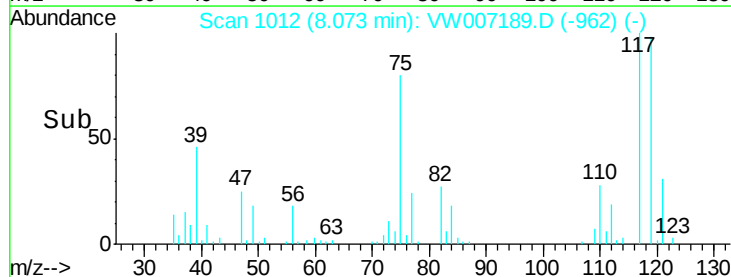
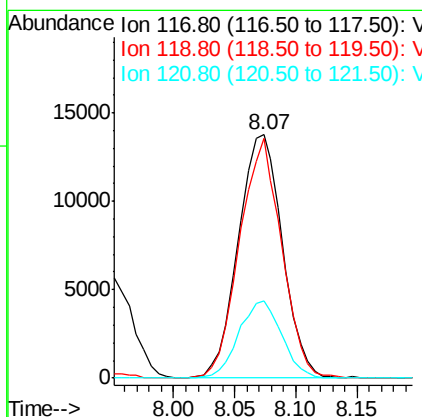
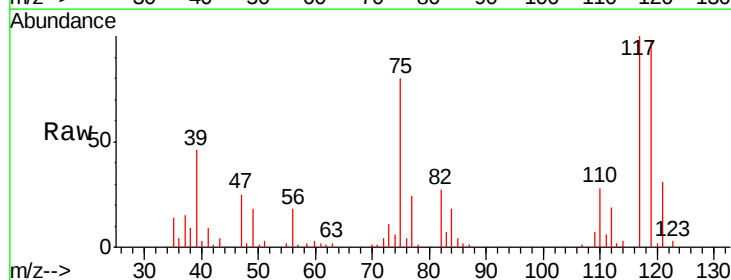
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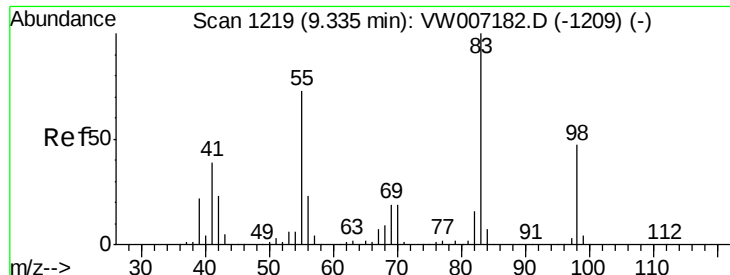
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#38
Carbon Tetrachloride
Concen: 19.857 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.1	111.1
121	31.5	23.9	35.9





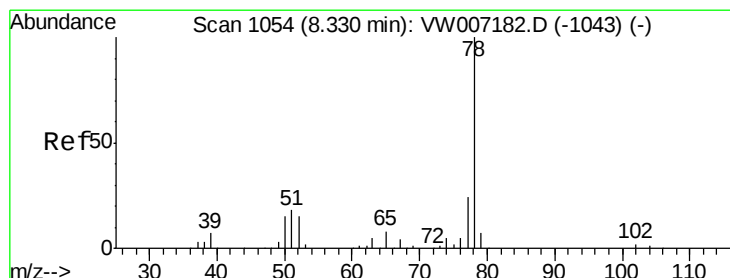
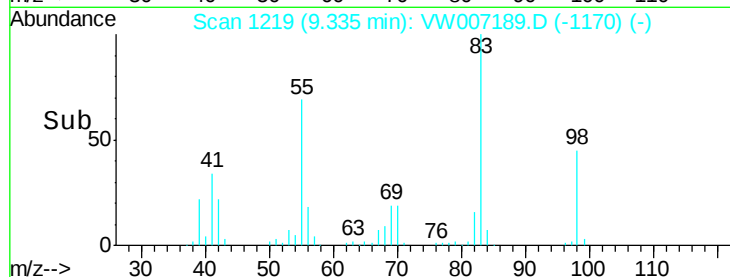
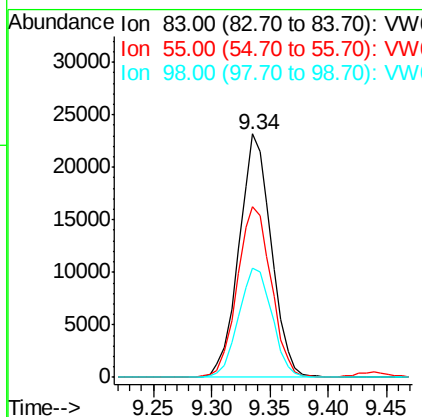
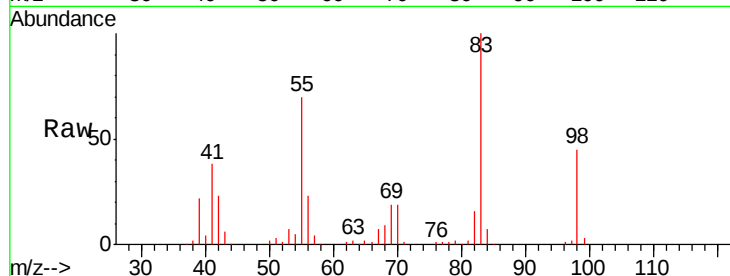
#39
Methylcyclohexane
Concen: 19.689 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.0	58.1	87.1
98	44.6	37.3	55.9

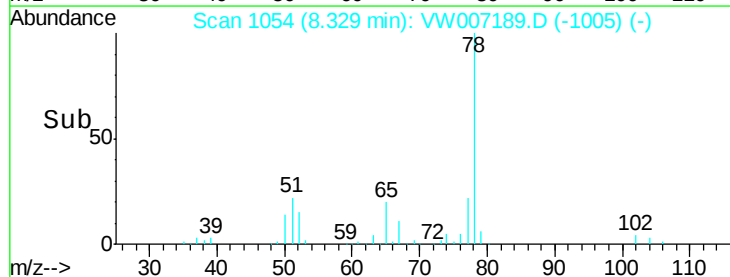
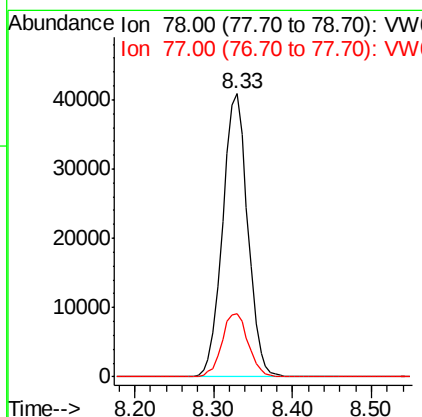
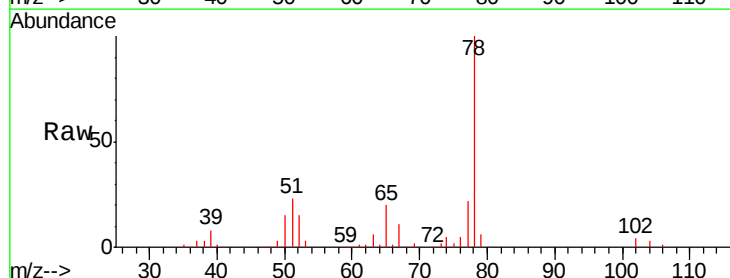
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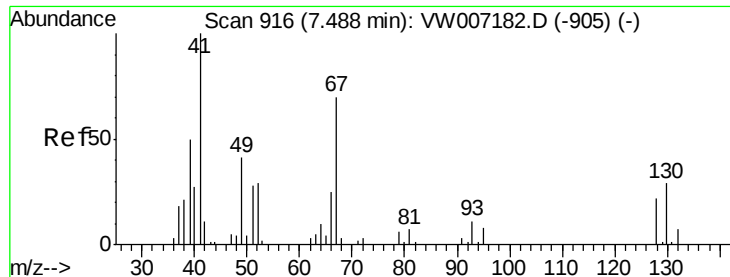
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#40
Benzene
Concen: 19.472 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





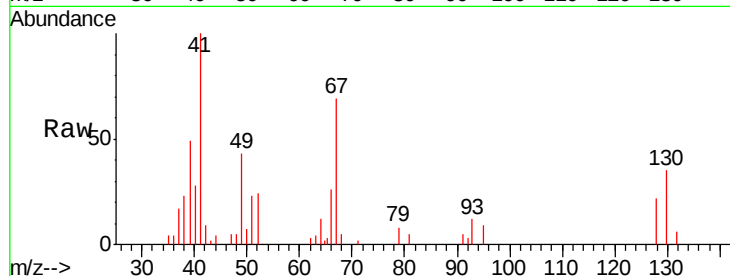
#41
Methacrylonitrile
Concen: 21.724 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

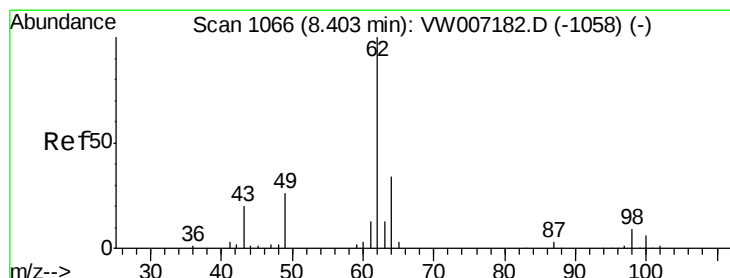
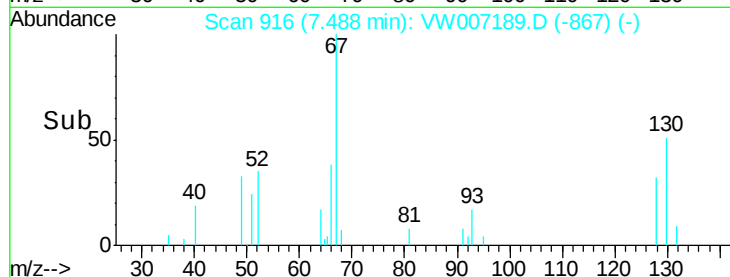
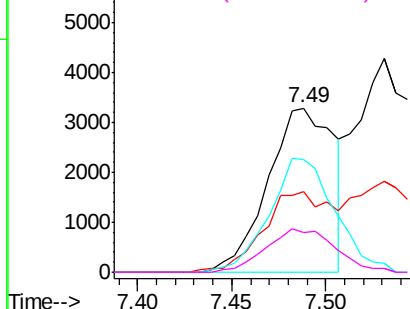
Tgt Ion:	41	Resp:	8004
Ion	Ratio	Lower	Upper
41	100		
39	51.2	43.4	65.0
67	68.8	57.4	86.0
52	27.6	23.3	34.9

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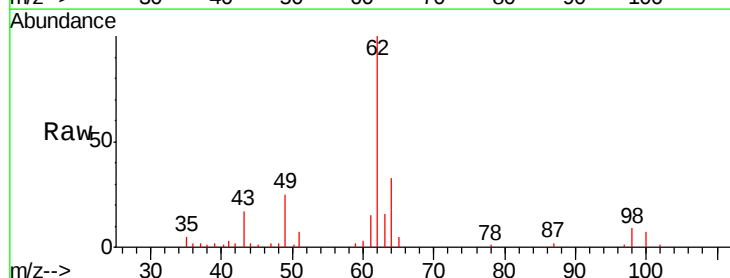


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

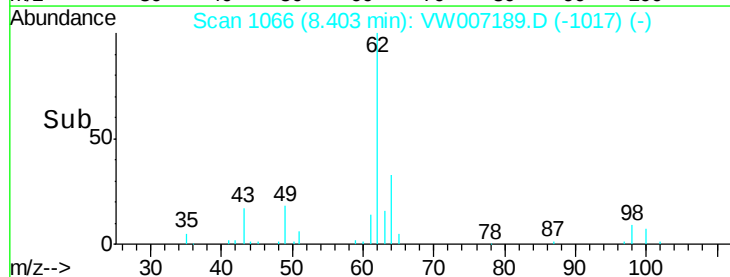
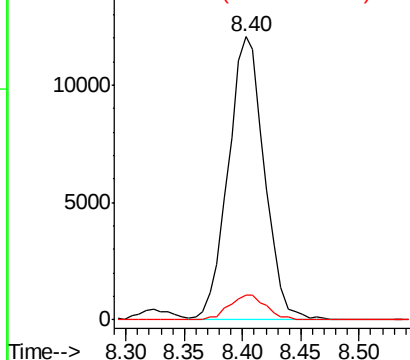


#42
1,2-Dichloroethane
Concen: 19.979 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion:	62	Resp:	26037
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.795 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

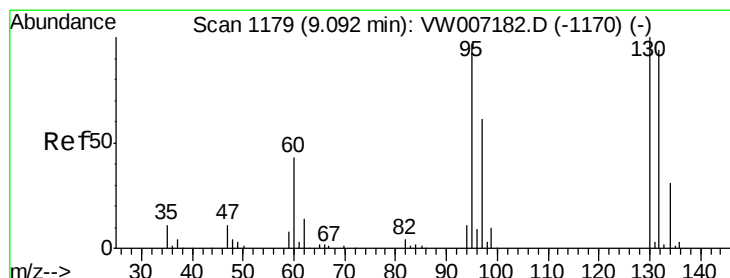
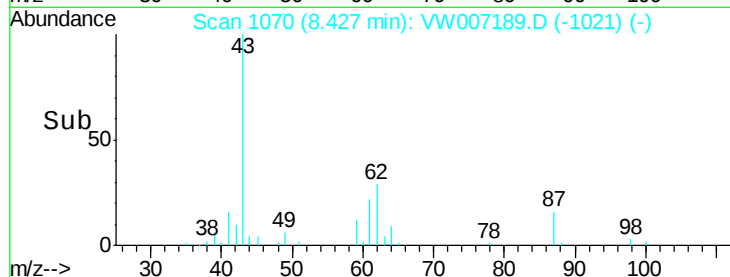
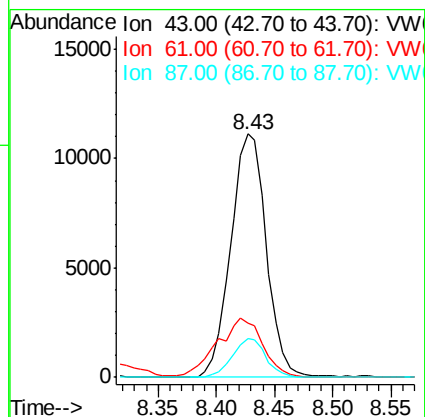
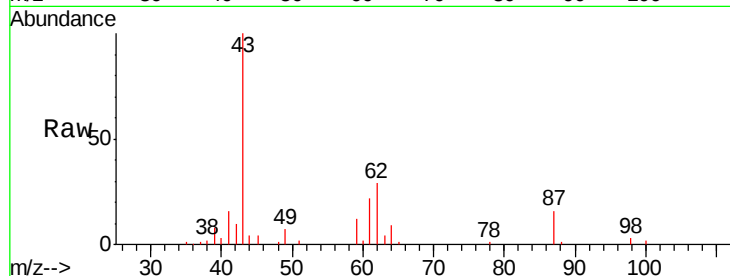
ClientSampleId :

VW1204SBSD01

Tgt Ion:	43	Resp:	23649
Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.4	38.0
87	15.1	11.4	17.0

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#44

Trichloroethene

Concen: 20.297 ug/l

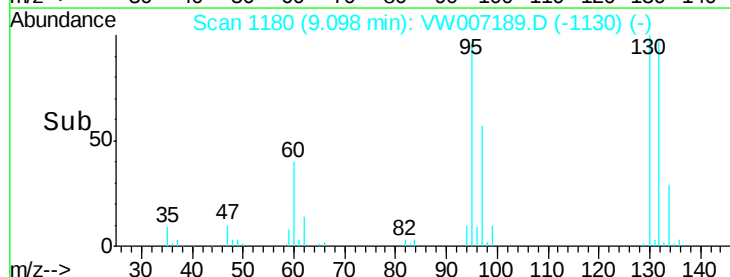
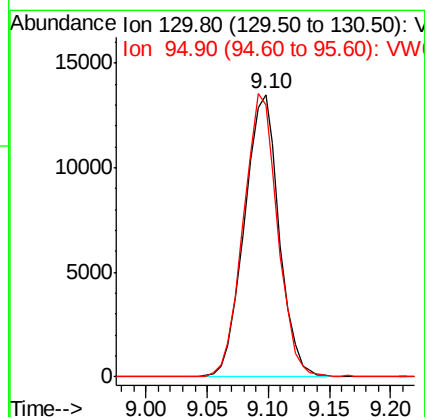
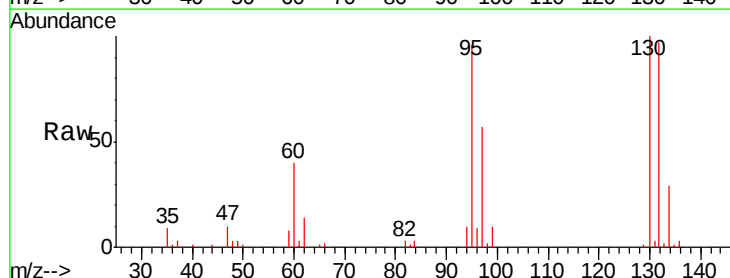
RT: 9.10 min Scan# 1180

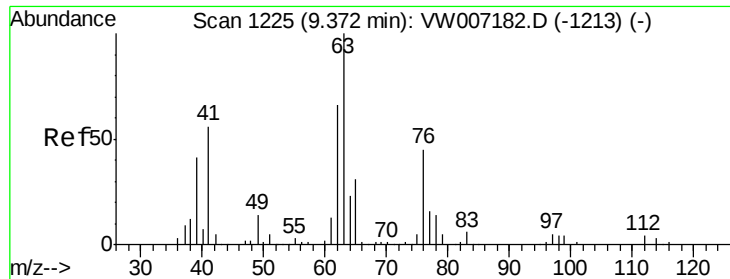
Delta R.T. 0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	130	Resp:	26604
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	194.0





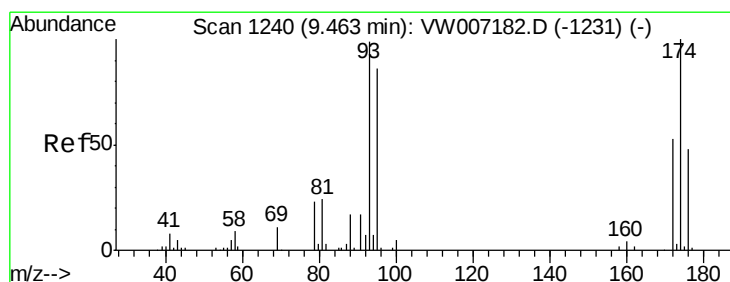
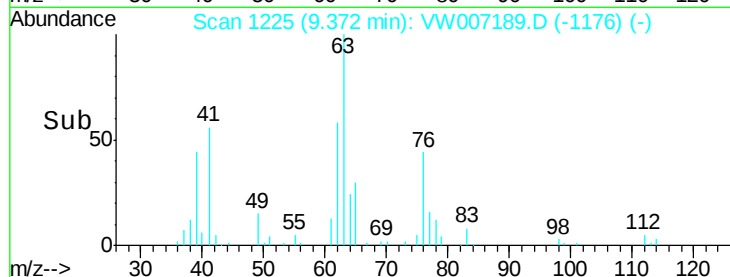
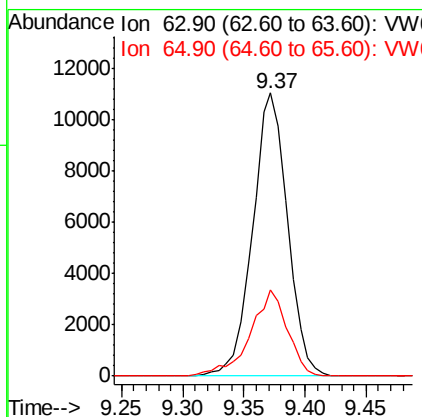
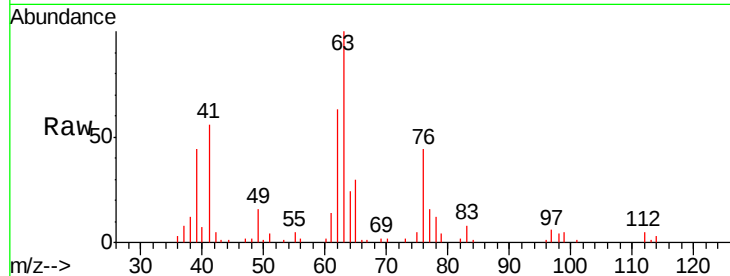
#45
 1,2-Dichloropropane
 Concen: 20.192 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion: 63 Resp: 21911
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4

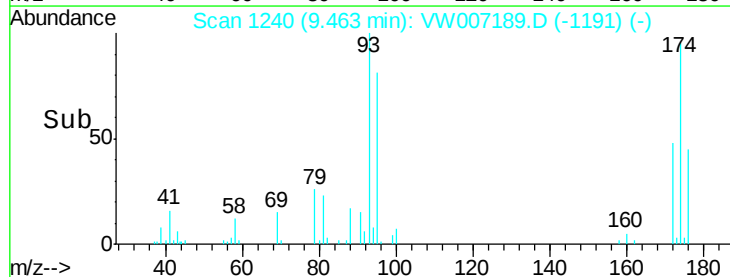
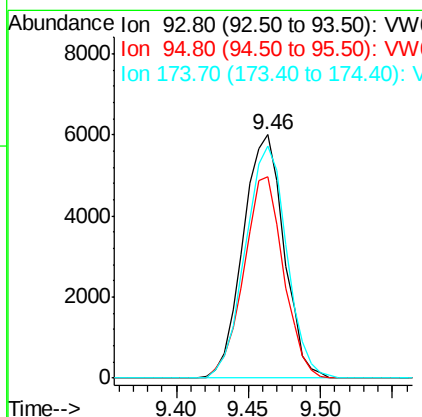
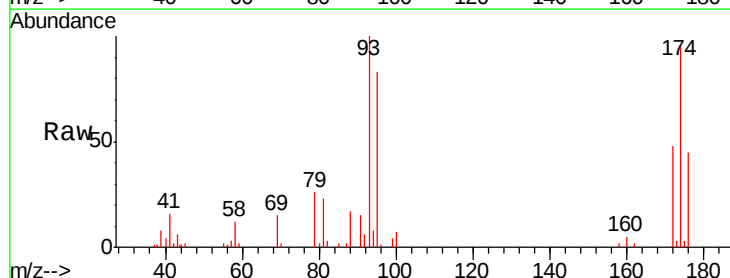
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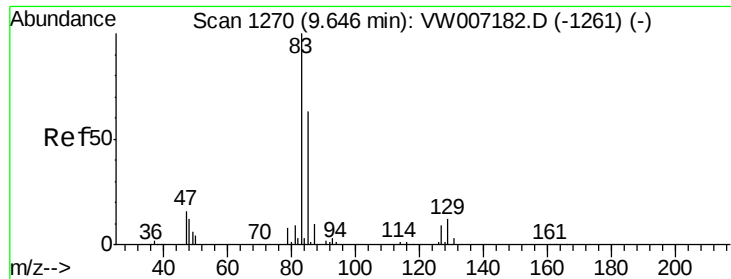
apatel
 12/5/2018 12:44:01 PM



#46
 Dibromomethane
 Concen: 20.978 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion: 93 Resp: 11829
 Ion Ratio Lower Upper
 93 100
 95 79.9 68.7 103.1
 174 96.3 82.9 124.3





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

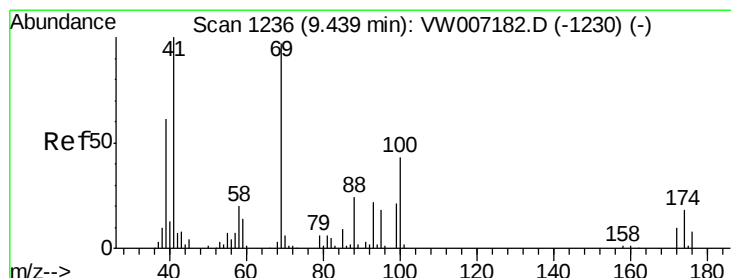
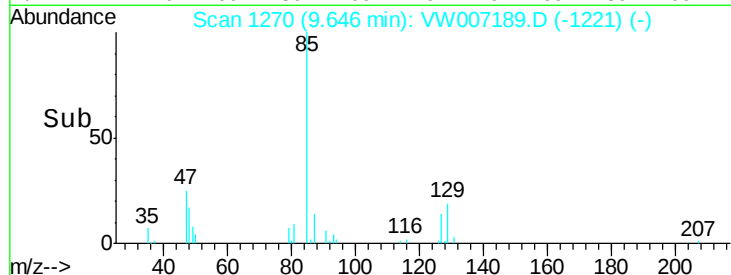
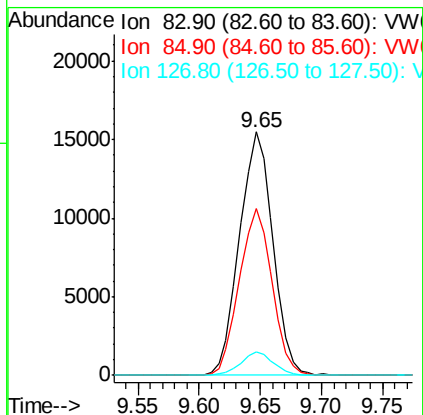
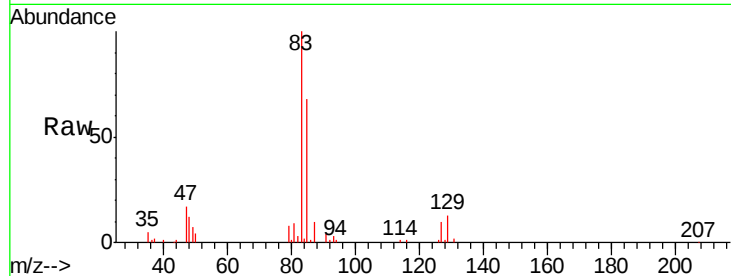
ClientSampleId :

VW1204SBS01

Tgt Ion:	83	Resp:	29296
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.6	76.0
127	9.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.943 ug/l

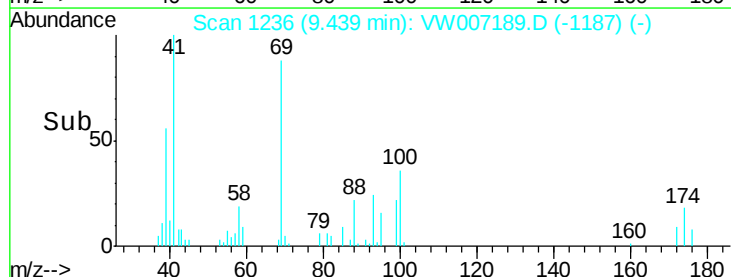
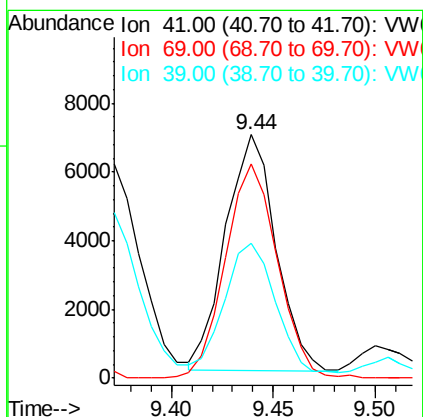
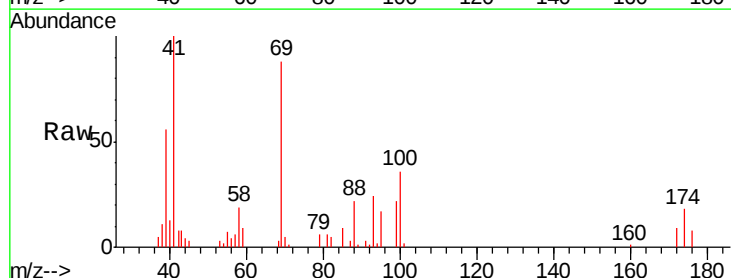
RT: 9.44 min Scan# 1236

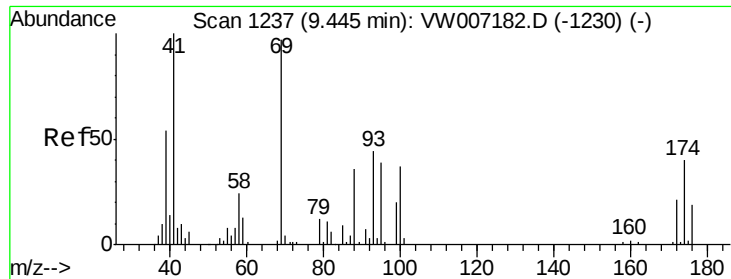
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	41	Resp:	11746
Ion	Ratio	Lower	Upper
41	100		
69	94.4	69.6	104.4
39	55.9	42.4	63.6





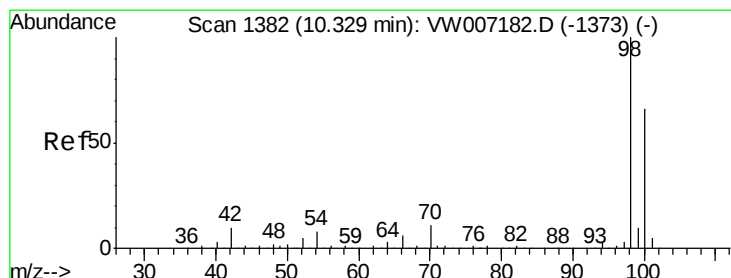
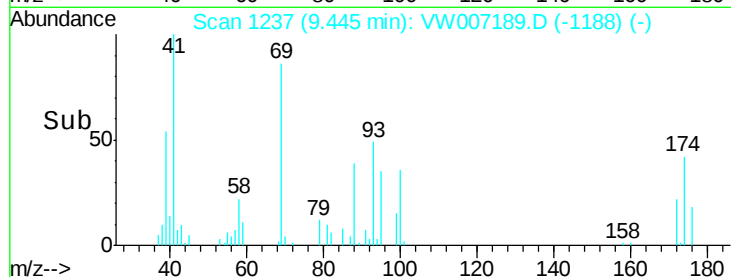
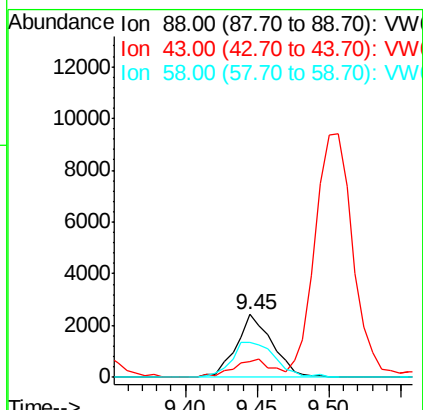
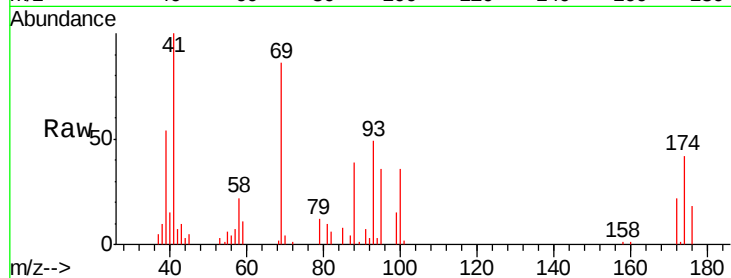
#49
1,4-Dioxane
Concen: 430.145 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.8	38.8
58	68.3	58.9	88.3

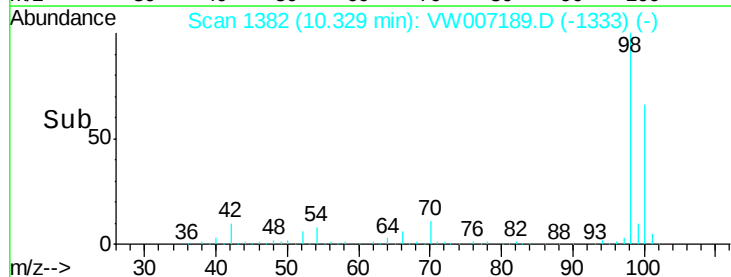
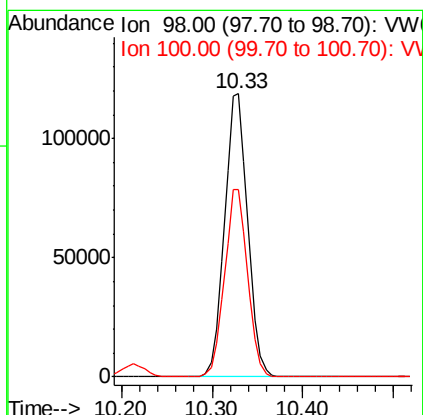
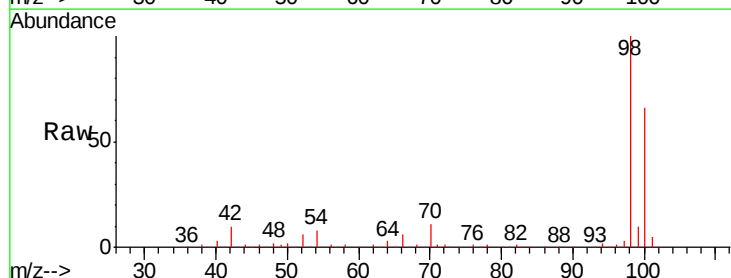
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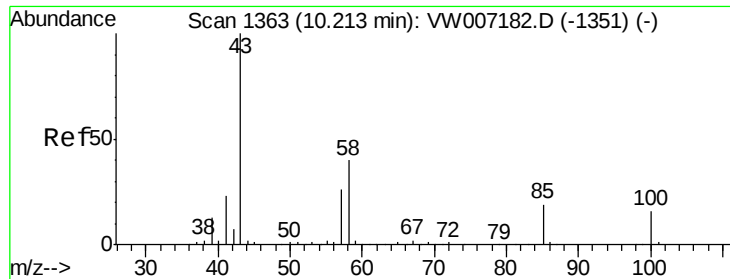
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#50
Toluene-d8
Concen: 48.227 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 98.381 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampled :

VW1204SBSD01

Tgt Ion: 43 Resp: 57922

Ion Ratio Lower Upper

43 100

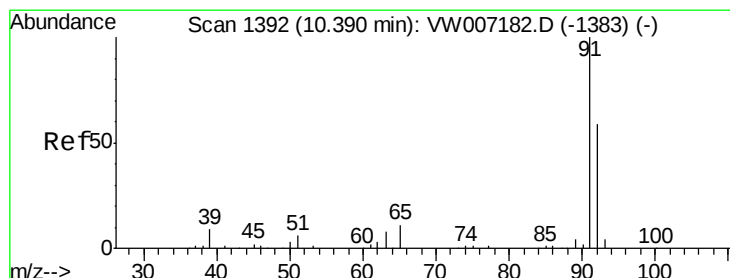
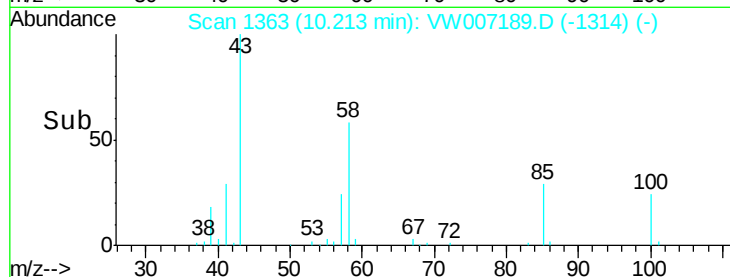
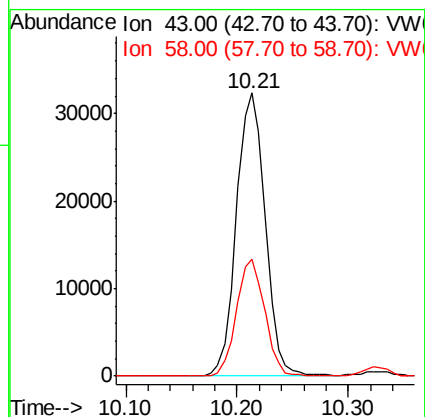
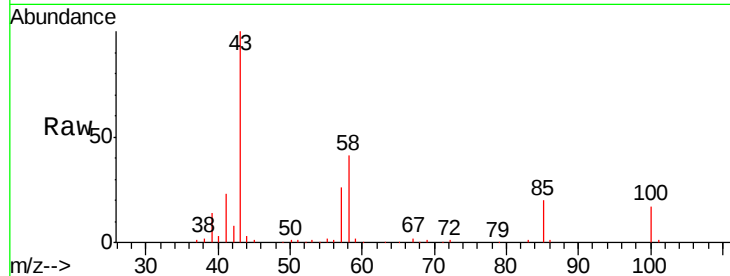
58 40.5 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 19.987 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007189.D

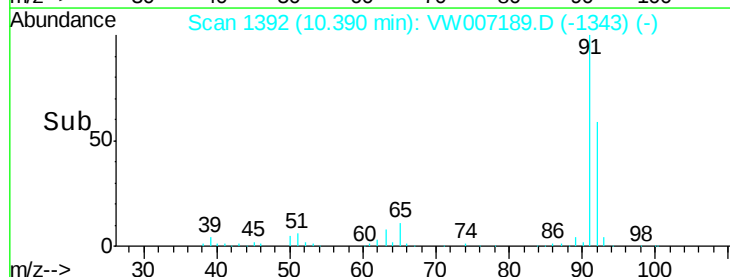
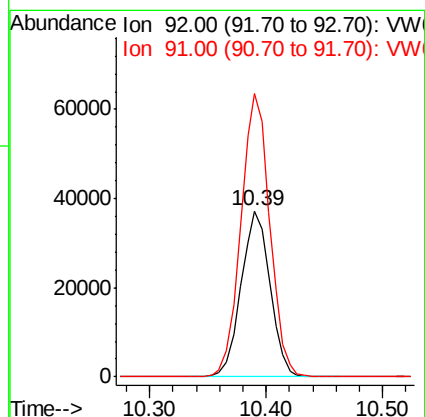
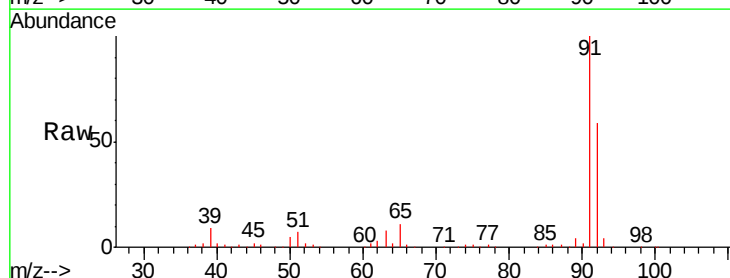
Acq: 04 Dec 2018 16:05

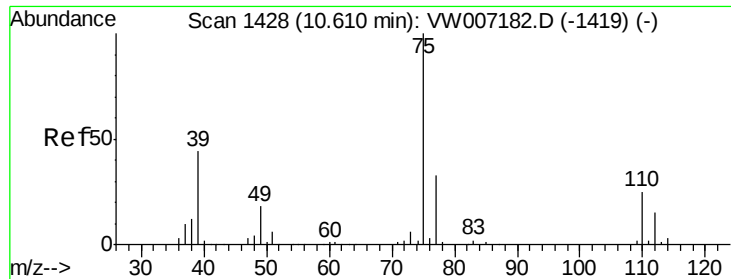
Tgt Ion: 92 Resp: 64833

Ion Ratio Lower Upper

92 100

91 169.4 136.0 204.0





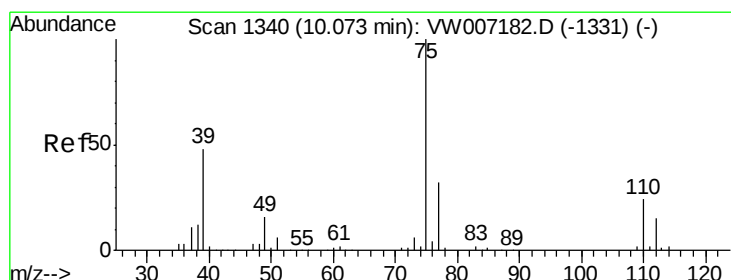
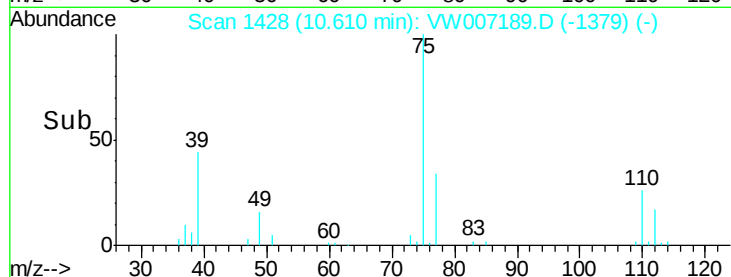
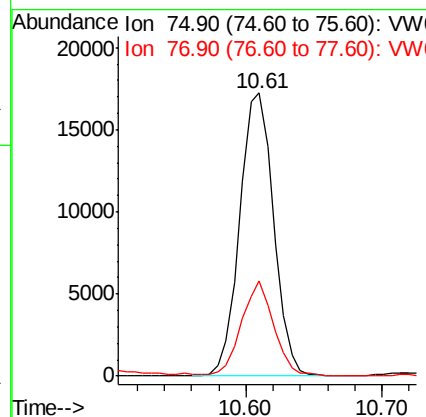
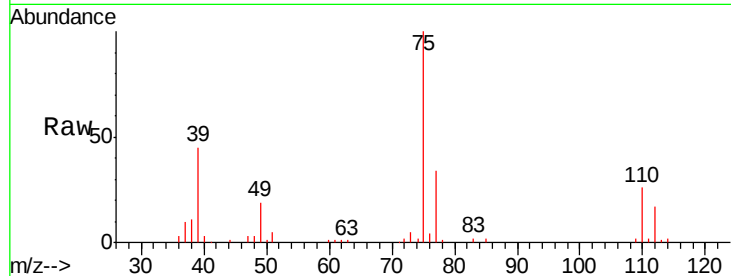
#53
 t-1,3-Dichloropropene
 Concen: 20.102 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion: 75 Resp: 29976
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.2 39.2

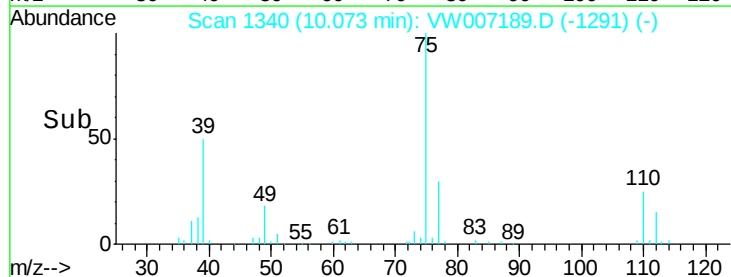
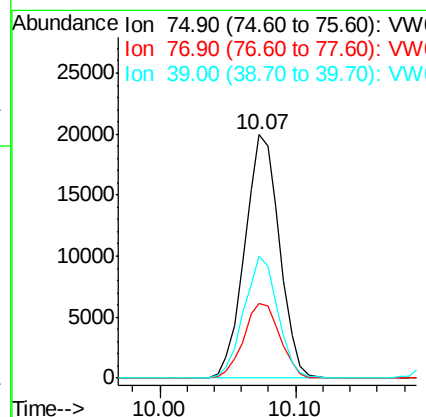
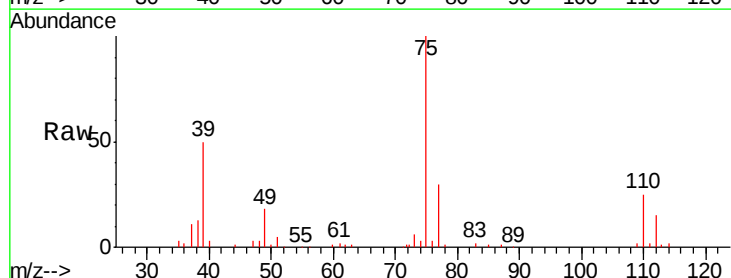
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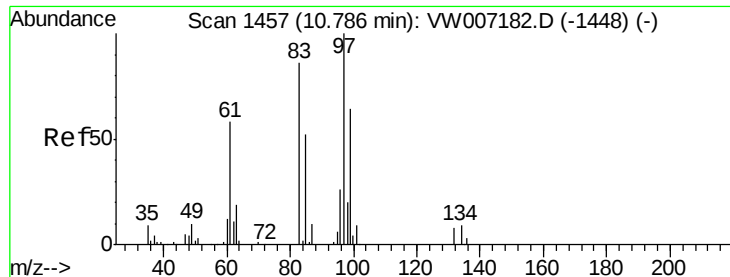
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#54
 cis-1,3-Dichloropropene
 Concen: 20.365 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion: 75 Resp: 35589
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.0 39.0
 39 50.1 38.0 57.0





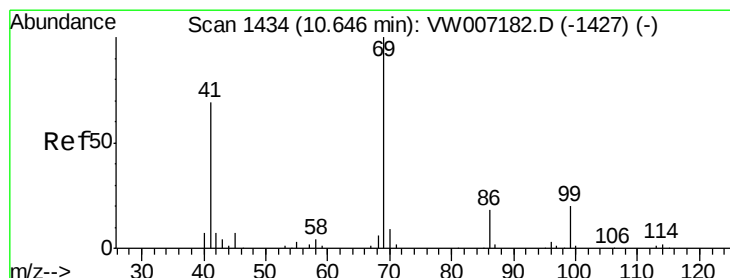
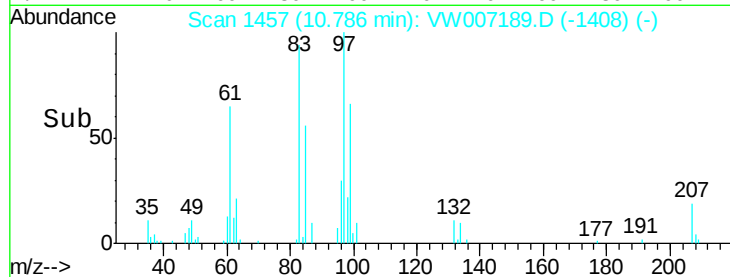
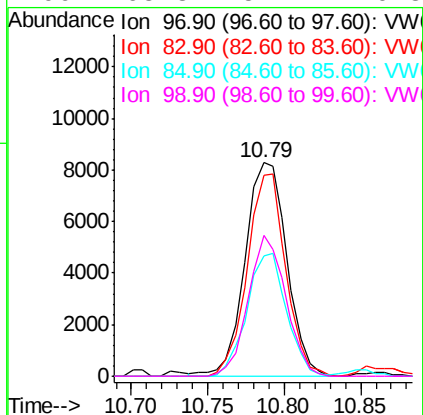
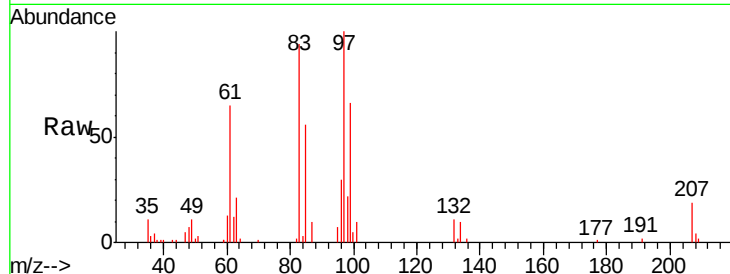
#55
 1,1,2-Trichloroethane
 Concen: 19.637 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.0	68.6	102.8
85	56.2	41.4	62.2
99	65.8	51.2	76.8

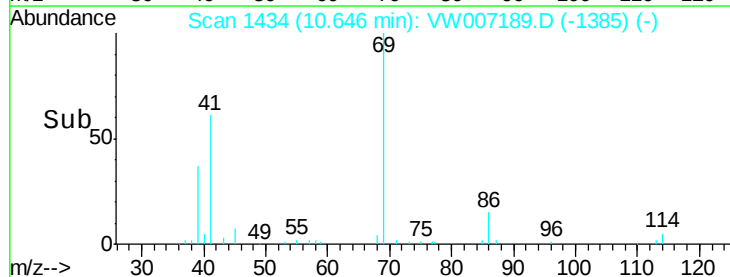
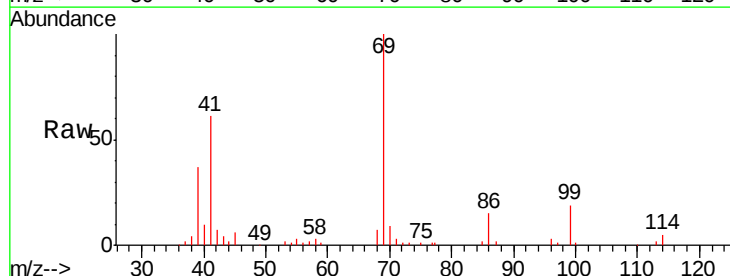
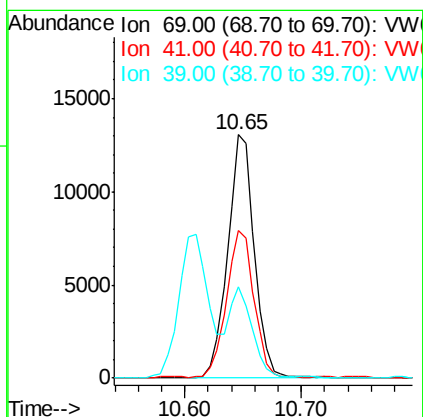
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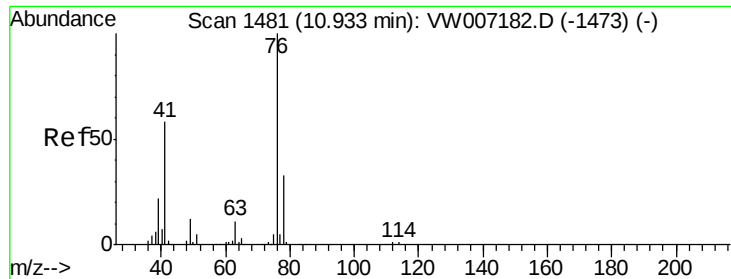
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#56
 Ethyl methacrylate
 Concen: 19.830 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.8	77.6
39	31.3	28.7	43.1





#57

1,3-Dichloropropane

Concen: 19.999 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 76 Resp: 27081

Ion Ratio Lower Upper

76 100

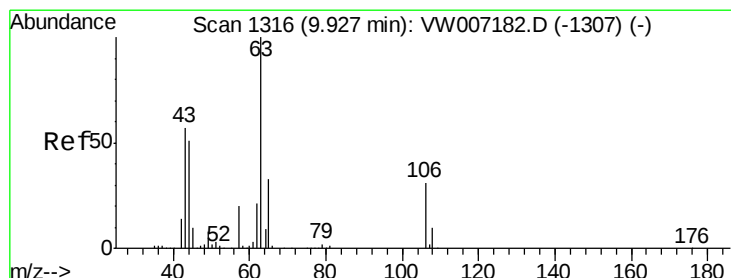
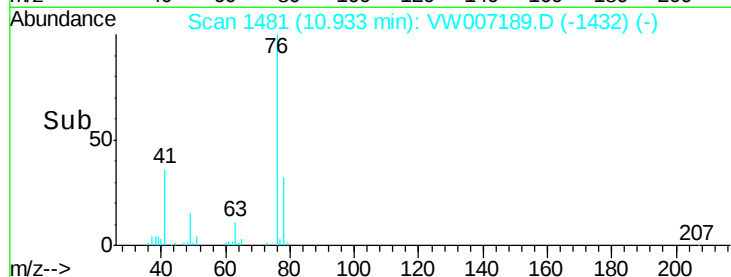
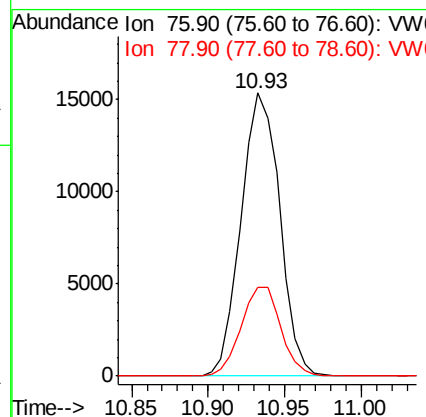
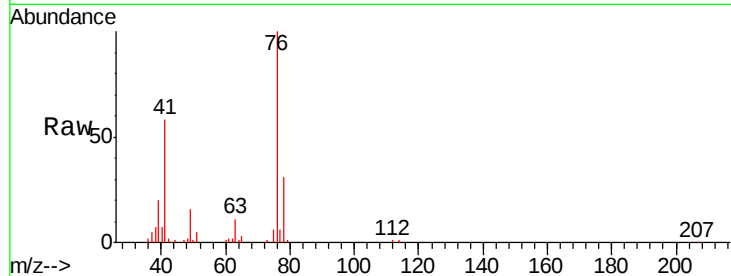
78 32.2 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 109.099 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007189.D

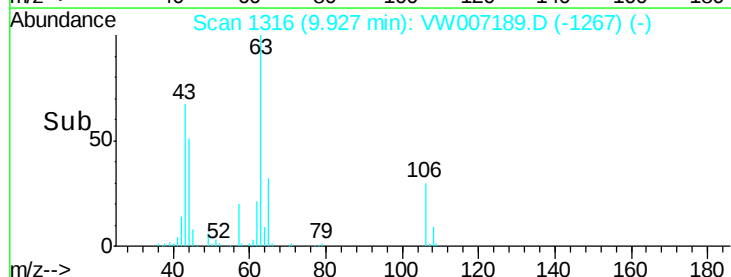
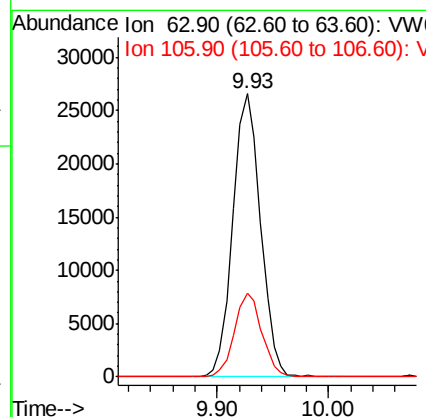
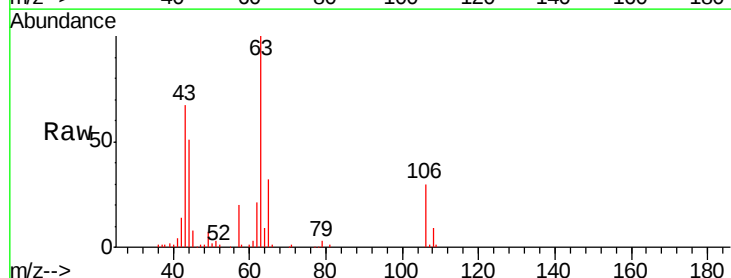
Acq: 04 Dec 2018 16:05

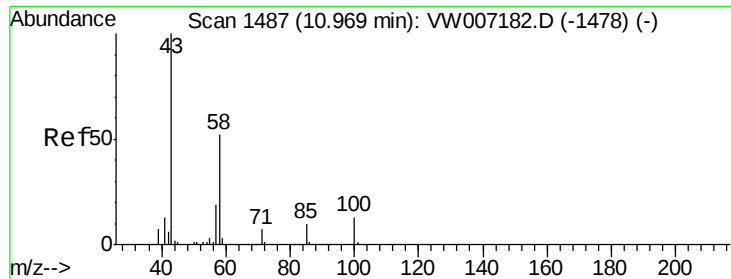
Tgt Ion: 63 Resp: 45847

Ion Ratio Lower Upper

63 100

106 29.2 24.1 36.1





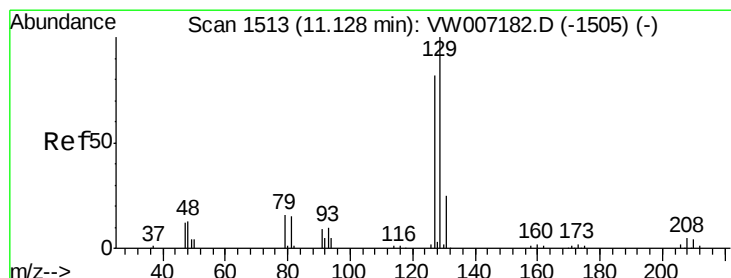
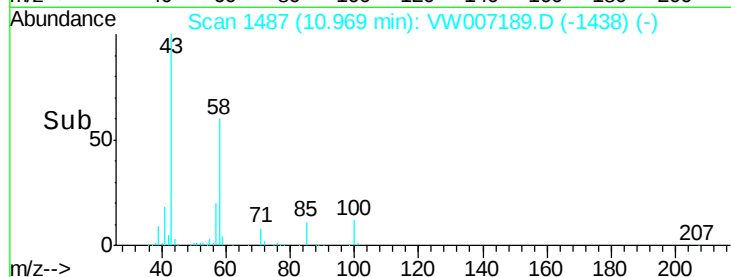
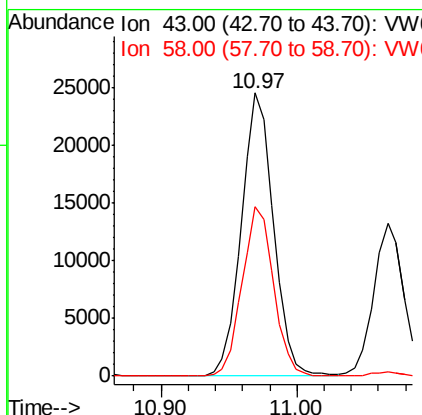
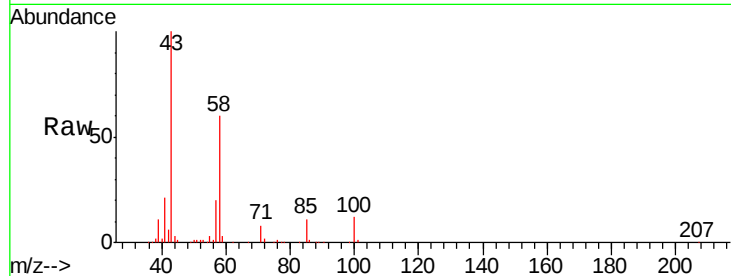
#59
2-Hexanone
Concen: 95.217 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion: 43 Resp: 40638
Ion Ratio Lower Upper
43 100
58 58.6 28.1 84.4

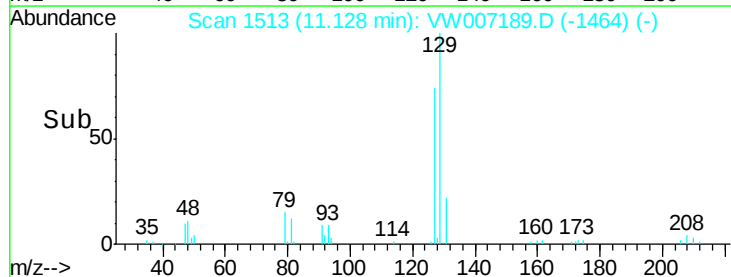
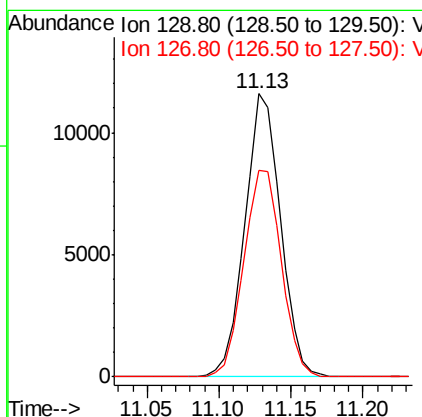
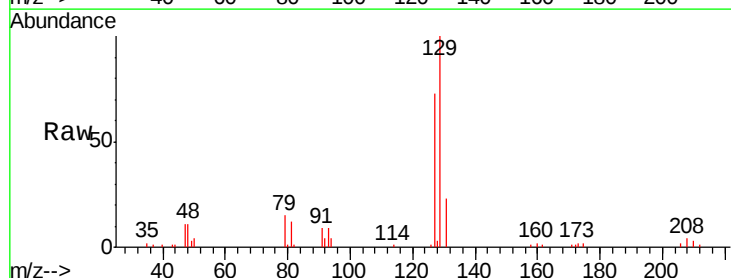
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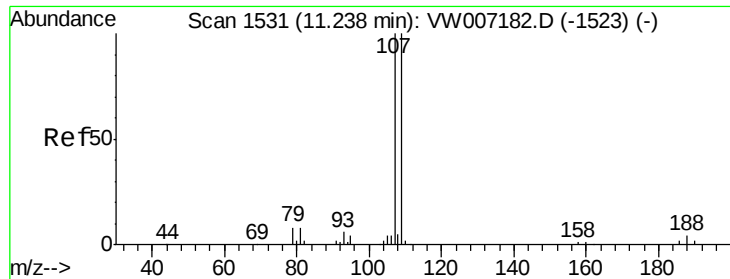
apatel
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#60
Dibromochloromethane
Concen: 20.163 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion: 129 Resp: 19876
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4





#61

1,2-Dibromoethane

Concen: 20.128 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 107 Resp: 15484

Ion Ratio Lower Upper

107 100

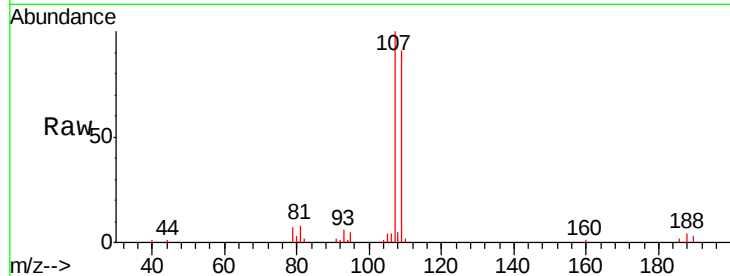
109 92.0 77.3 115.9

Manual Integrations

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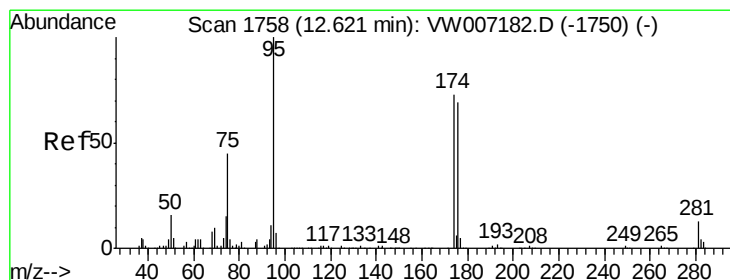
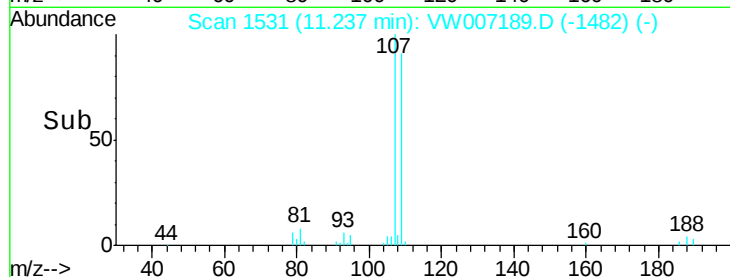
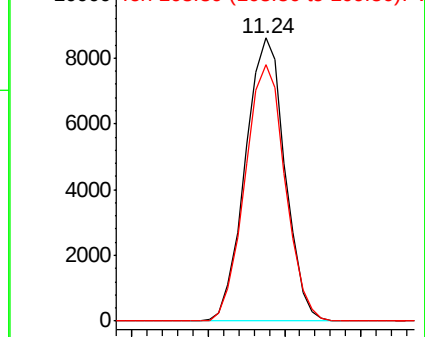
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

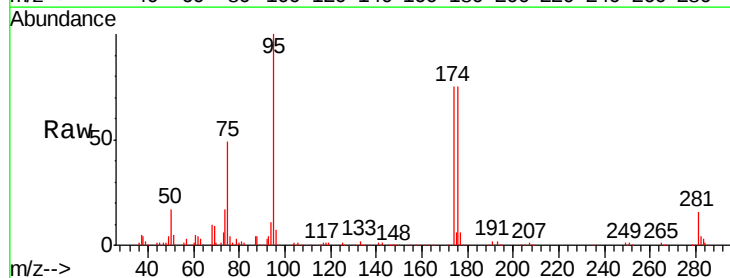
Tgt Ion: 95 Resp: 77125

Ion Ratio Lower Upper

95 100

174 76.3 0.0 148.0

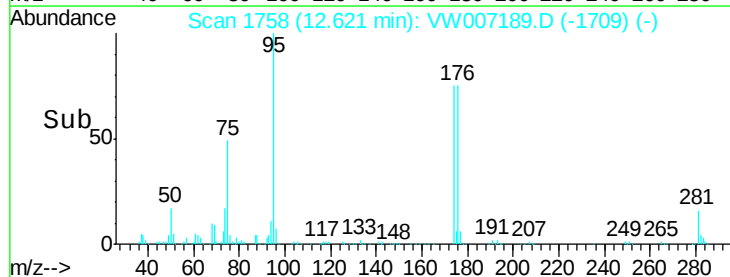
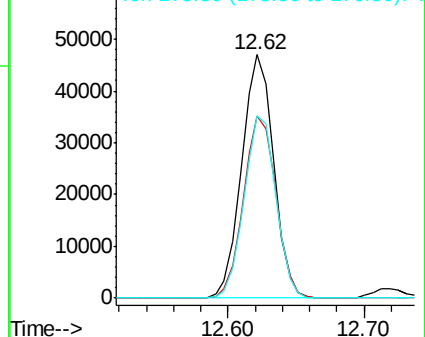
176 74.6 0.0 139.4

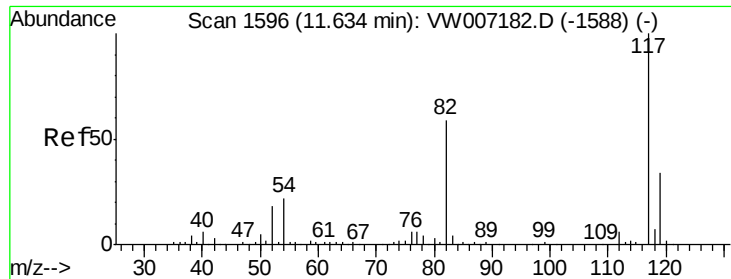


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





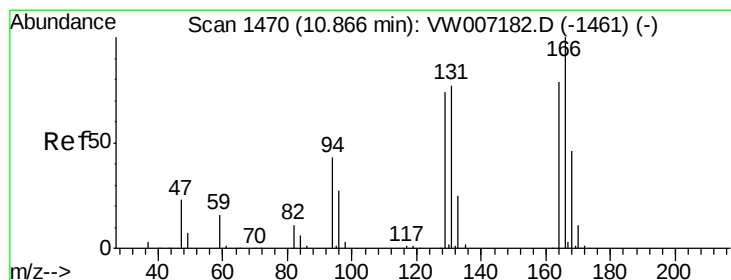
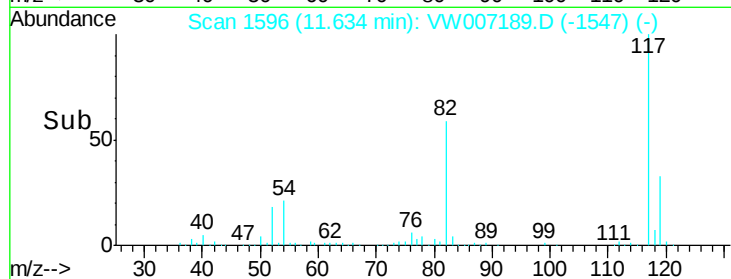
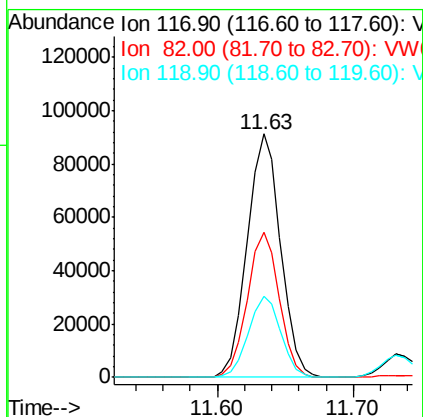
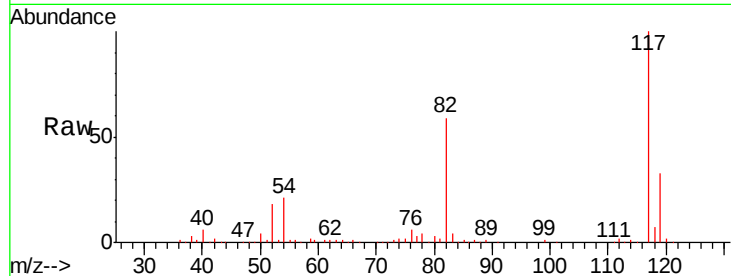
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	33.3	26.8	40.2

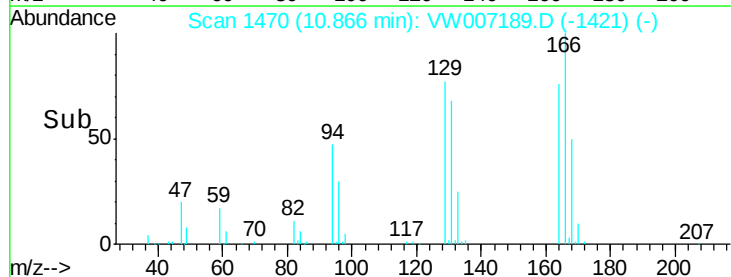
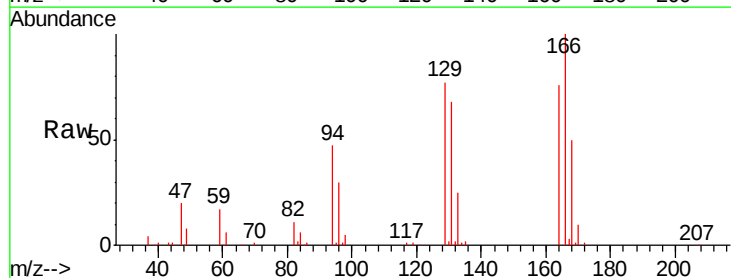
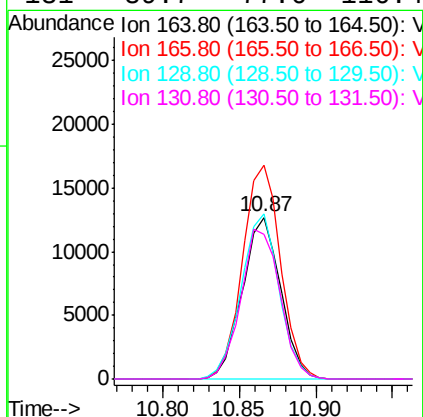
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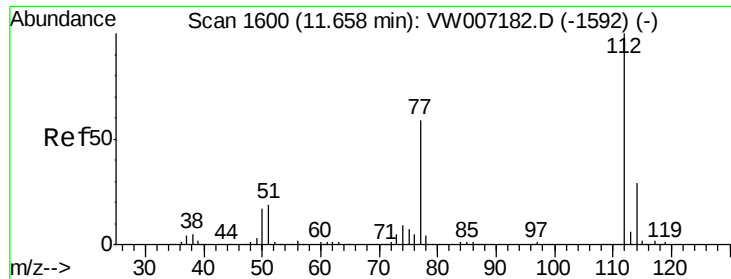
apatel
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#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	101.0	151.4
129	102.1	74.6	111.8
131	89.7	77.6	116.4





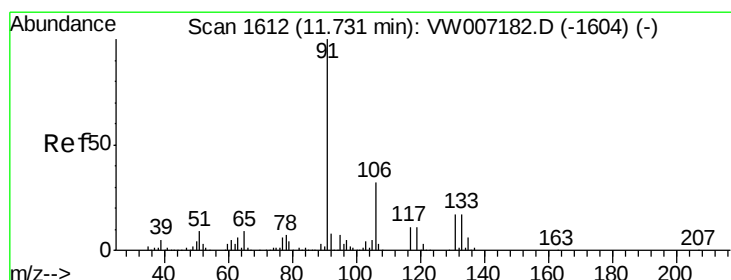
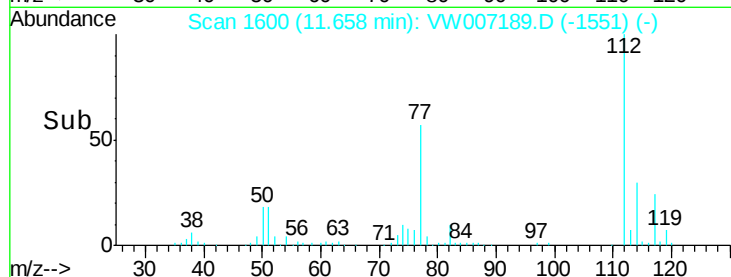
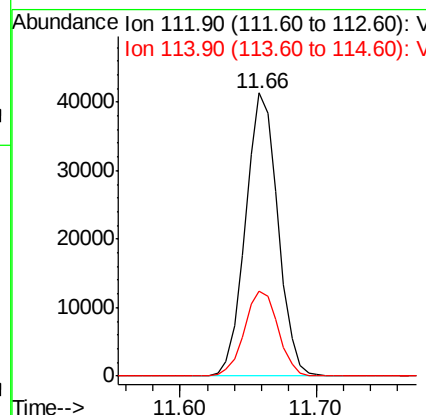
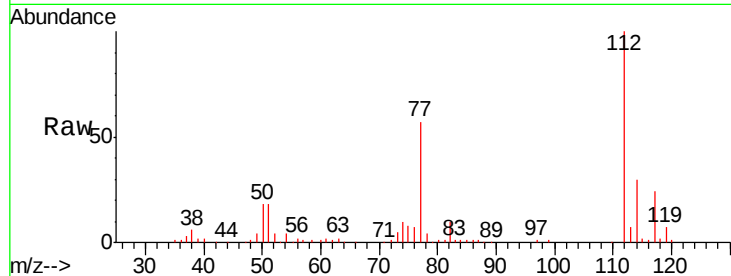
#65
Chlorobenzene
Concen: 19.687 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion:112 Resp: 68780
Ion Ratio Lower Upper
112 100
114 29.8 23.0 34.4

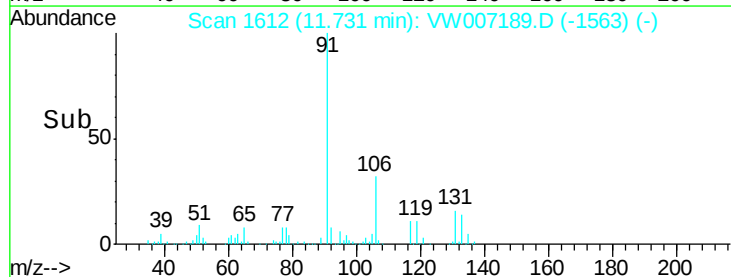
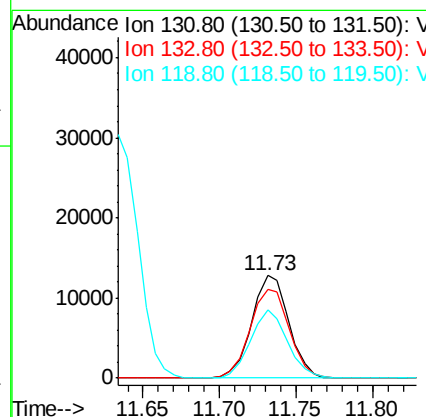
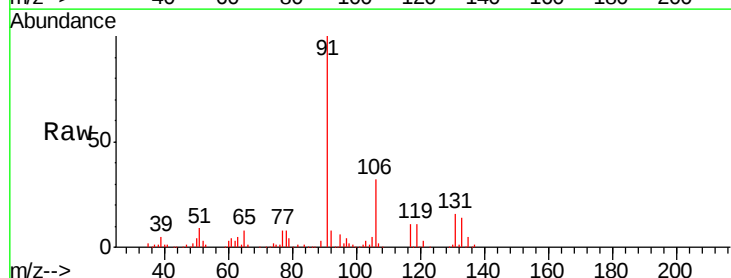
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion:131 Resp: 21551
Ion Ratio Lower Upper
131 100
133 91.5 48.0 144.2
119 66.0 32.8 98.4





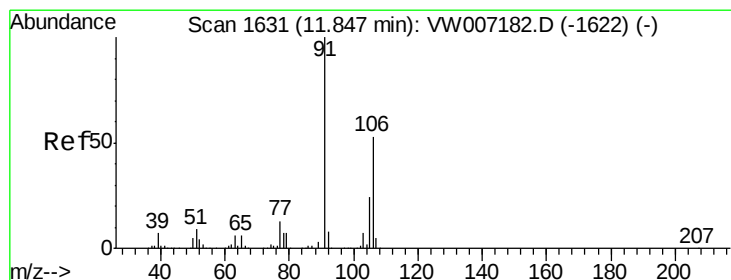
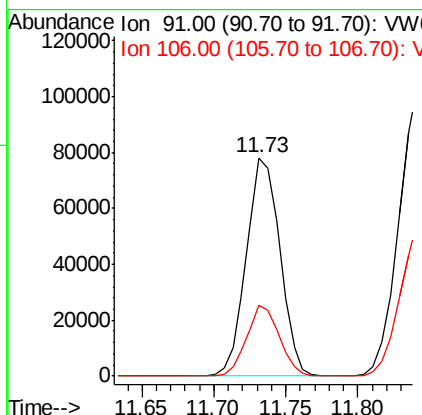
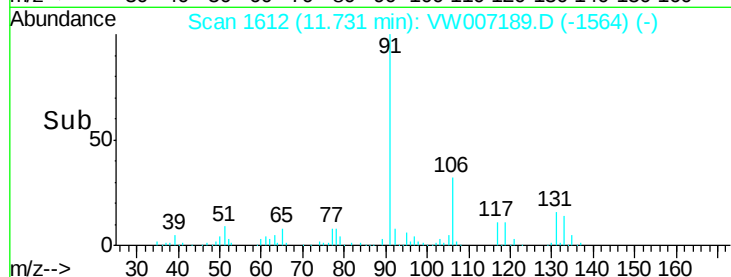
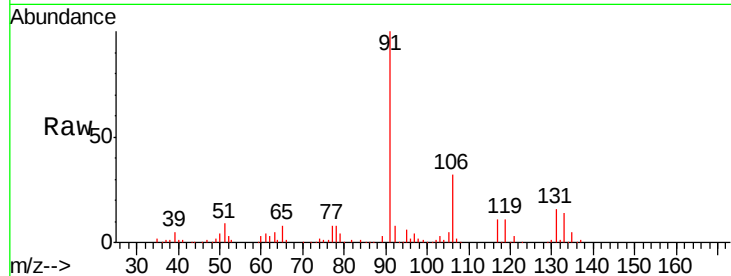
#67
Ethyl Benzene
Concen: 19.845 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion: 91 Resp: 126366
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0

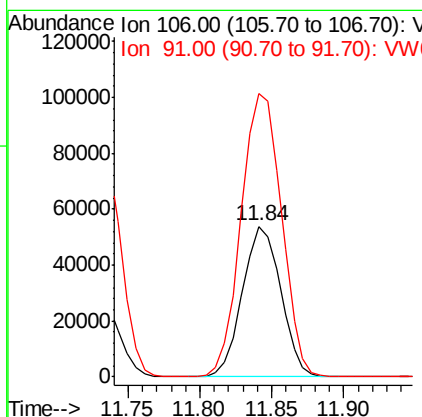
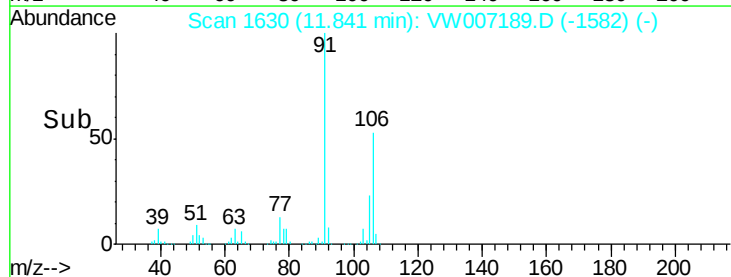
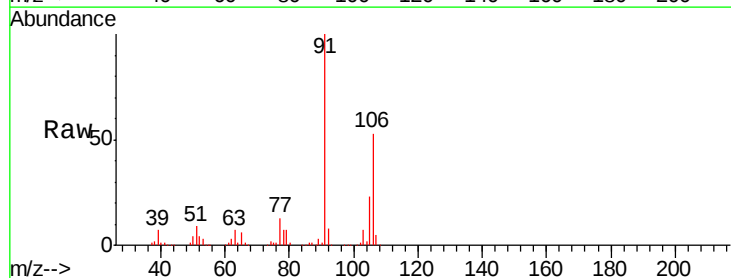
Manual Integrations
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#68
m/p-Xylenes
Concen: 39.822 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion: 106 Resp: 99477
Ion Ratio Lower Upper
106 100
91 198.2 160.2 240.4





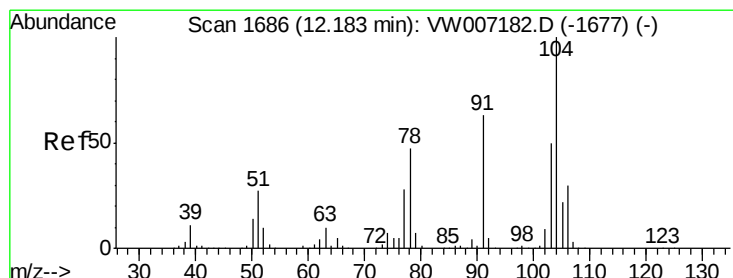
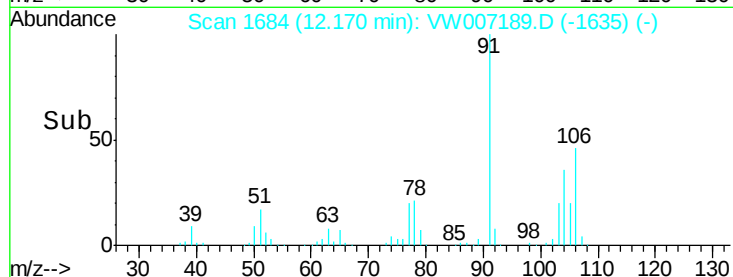
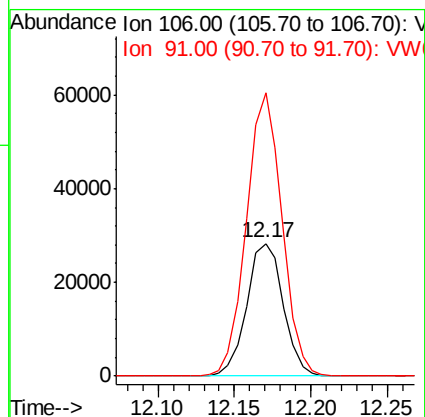
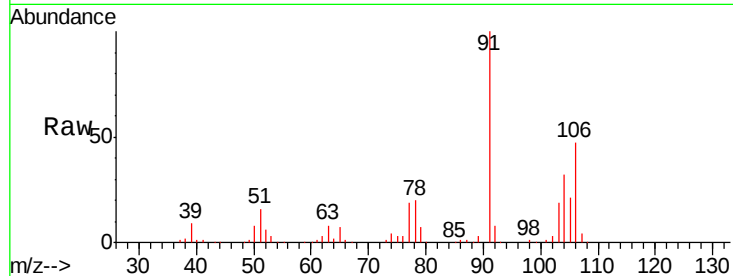
#69
o-Xylene
Concen: 20.051 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion:106 Resp: 46797
Ion Ratio Lower Upper
106 100
91 208.9 104.9 314.7

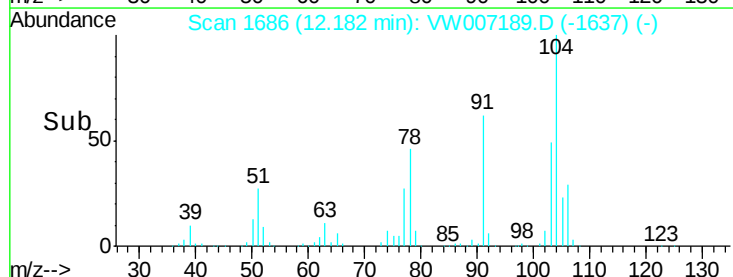
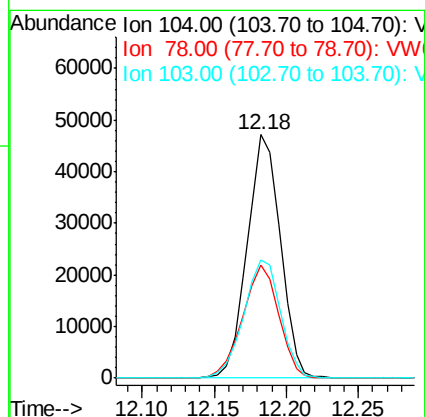
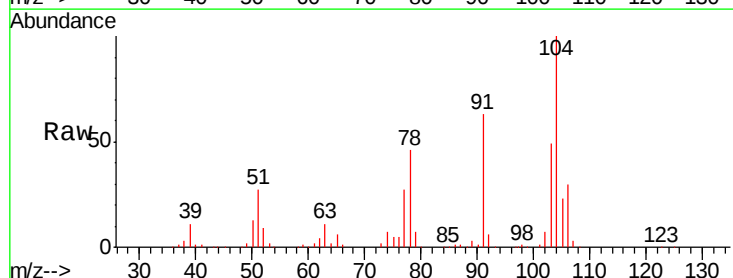
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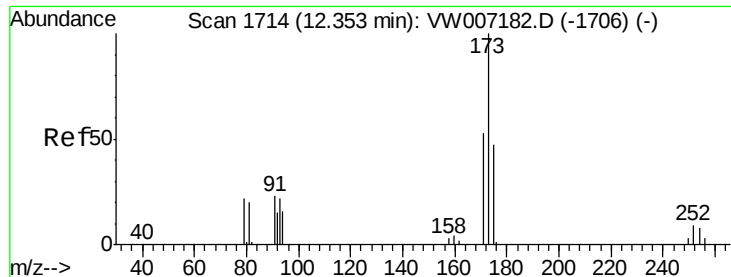
apatel
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#70
Styrene
Concen: 19.691 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion:104 Resp: 75230
Ion Ratio Lower Upper
104 100
78 50.5 40.6 60.8
103 54.0 43.0 64.4





#71

Bromoform

Concen: 19.412 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

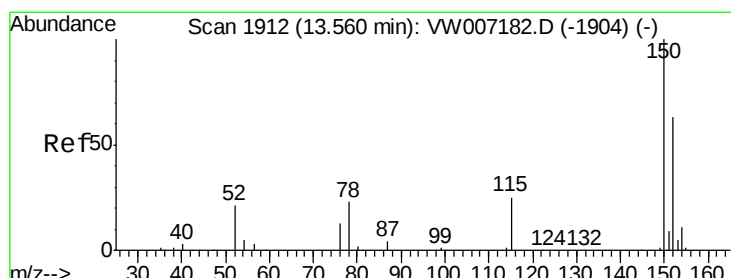
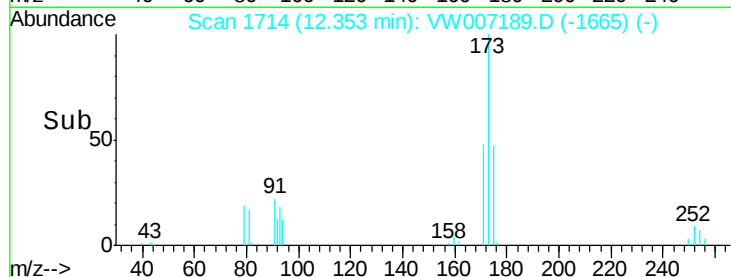
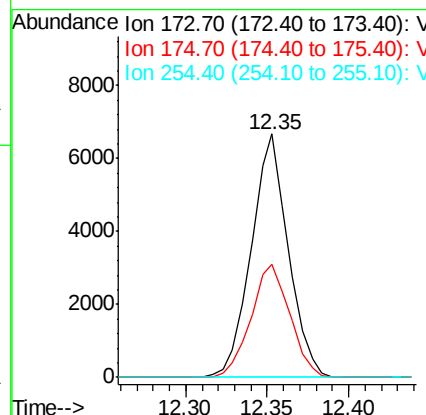
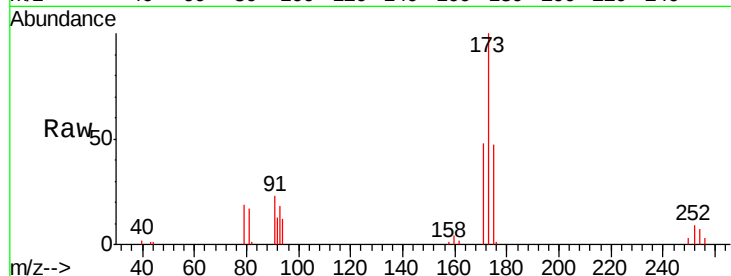
ClientSampleId :

VW1204SBSD01

Tgt Ion:	173	Resp:	10485
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

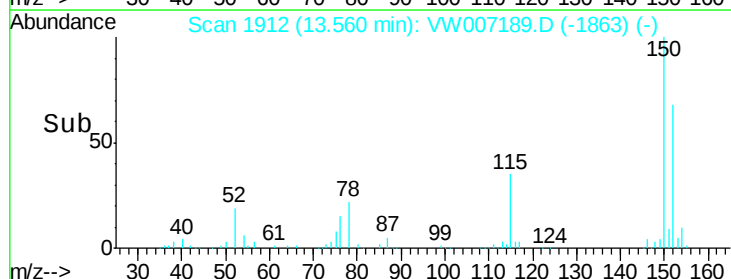
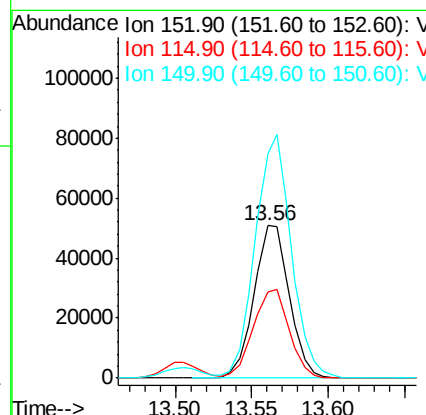
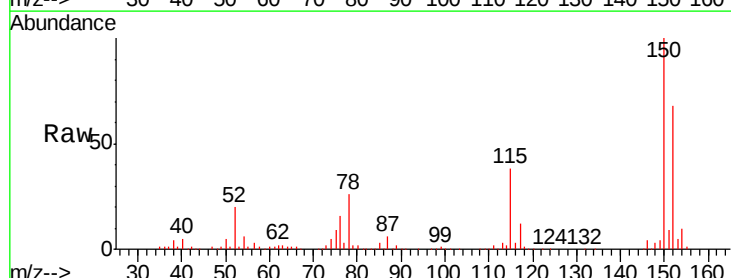
RT: 13.56 min Scan# 1912

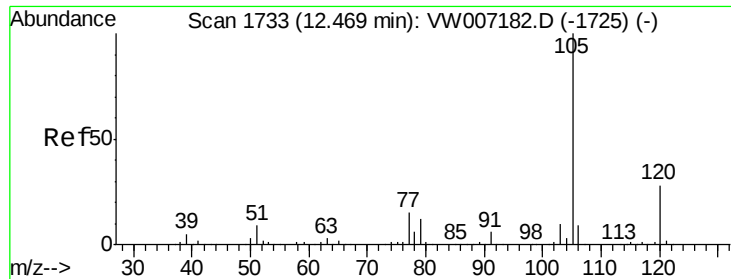
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	152	Resp:	81417
Ion Ratio	Lower	Upper	
152	100		
115	59.9	31.3	93.8
150	163.7	0.0	358.0





#73

Isopropylbenzene

Concen: 18.760 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 105 Resp: 124226

Ion Ratio Lower Upper

105 100

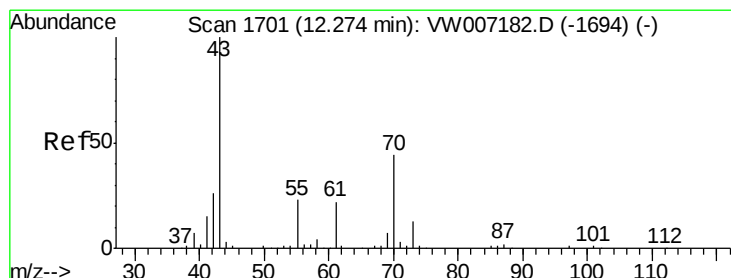
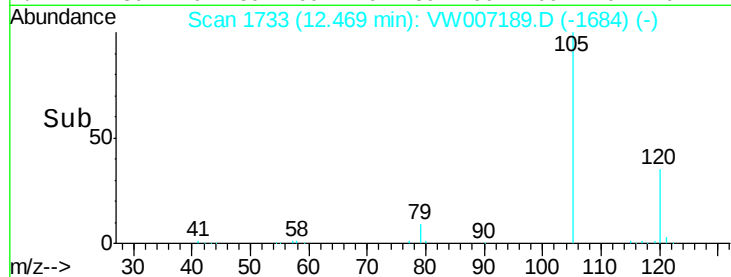
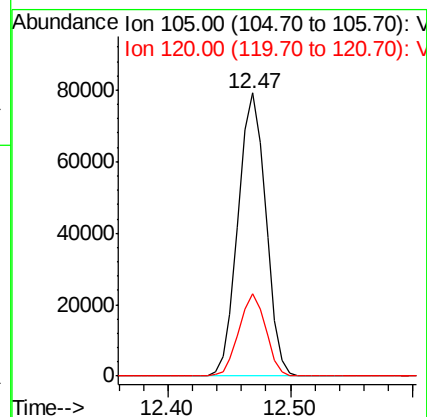
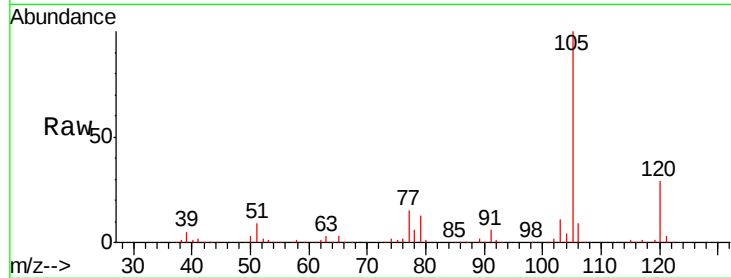
120 28.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.378 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion: 43 Resp: 23925

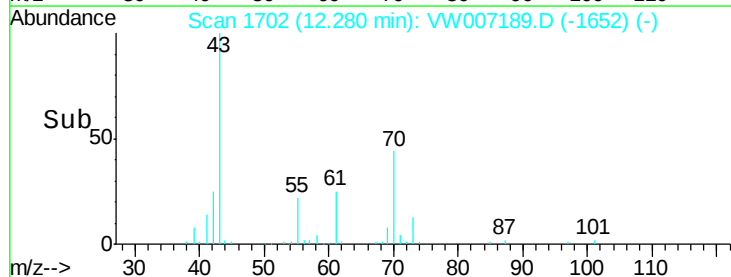
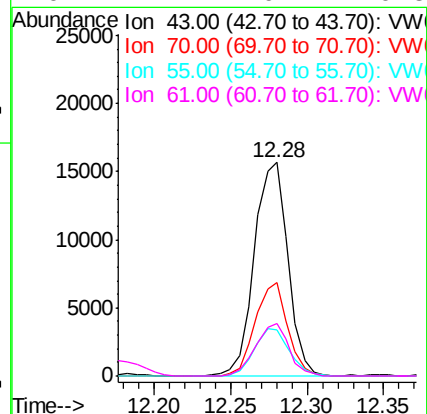
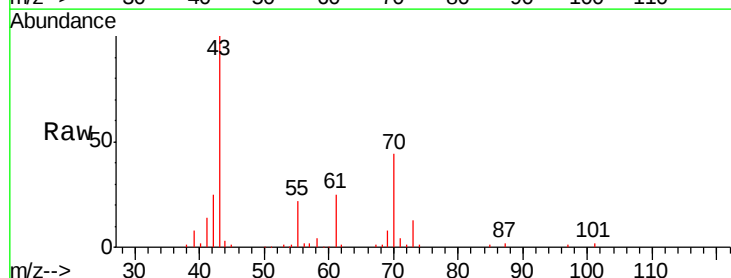
Ion Ratio Lower Upper

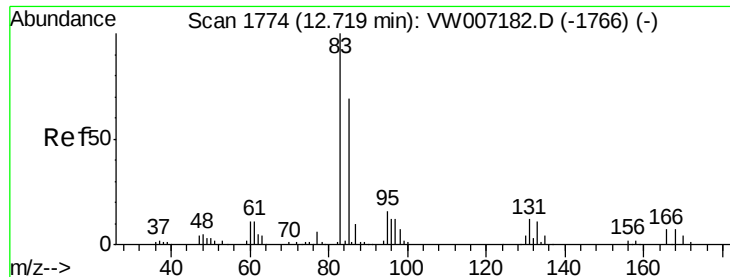
43 100

70 42.2 34.0 51.0

55 23.1 19.0 28.6

61 24.4 19.7 29.5





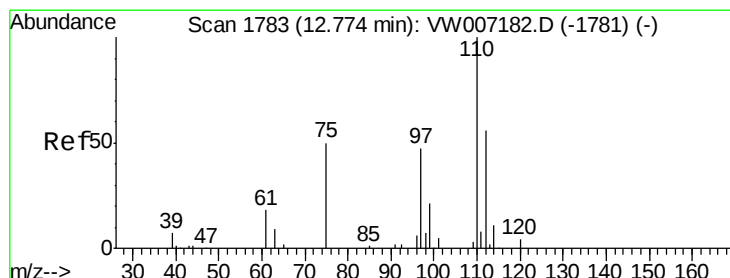
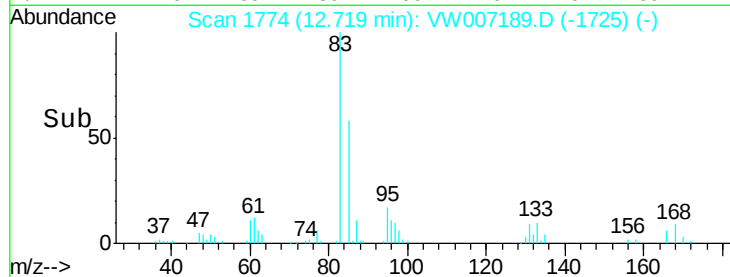
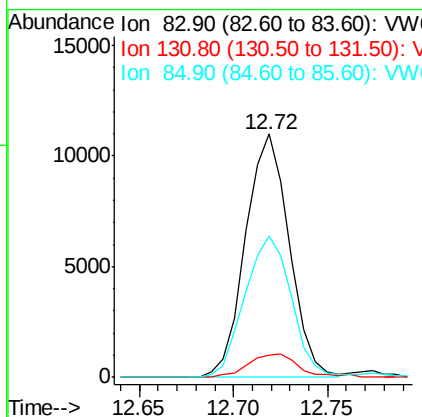
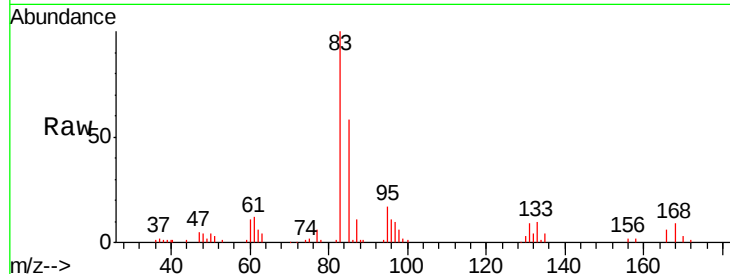
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.572 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	17692		
131	11.2	6.0	18.1	
85	61.5	33.0	99.0	

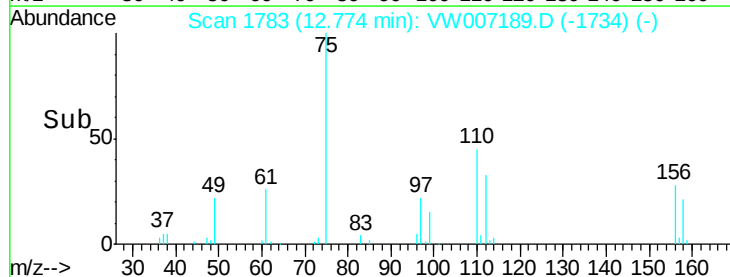
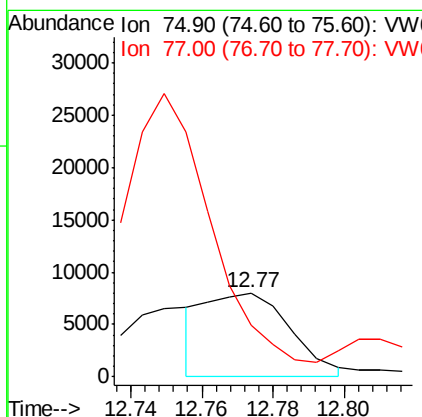
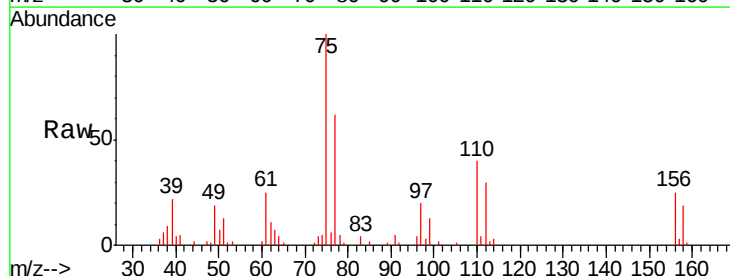
Manual Integrations
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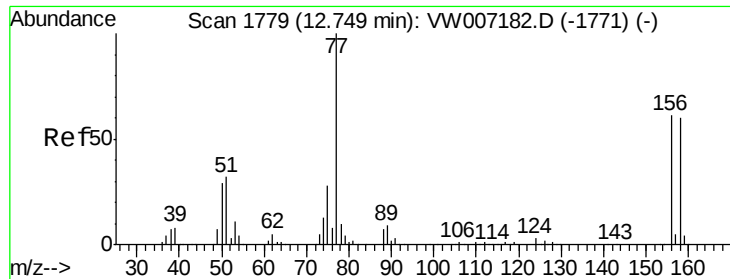
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#76
 1,2,3-Trichloropropane
 Concen: 10.926 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13368		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 19.094 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

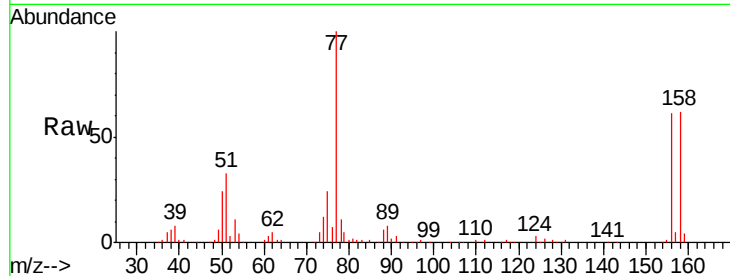
ClientSampleId :

VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	180.8	92.0	276.1
158	98.6	49.0	147.0

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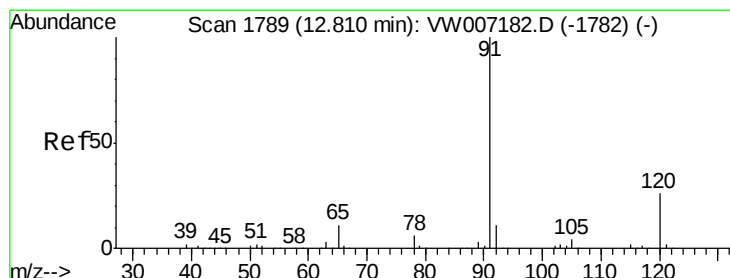
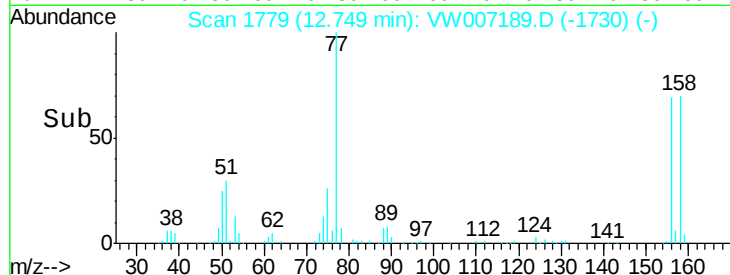
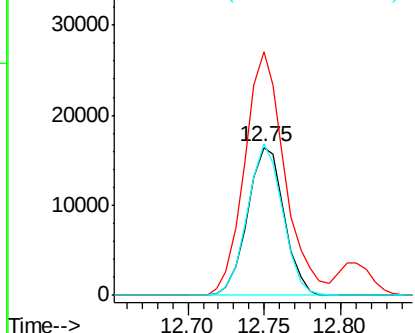
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.176 ug/l

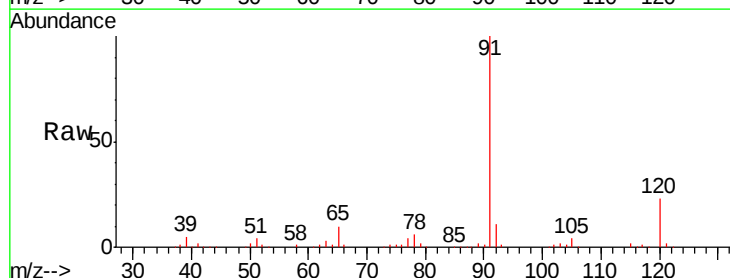
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007189.D

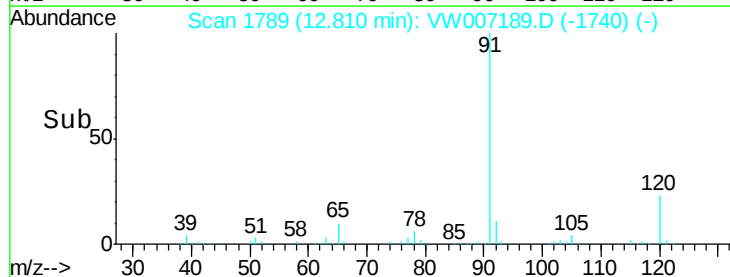
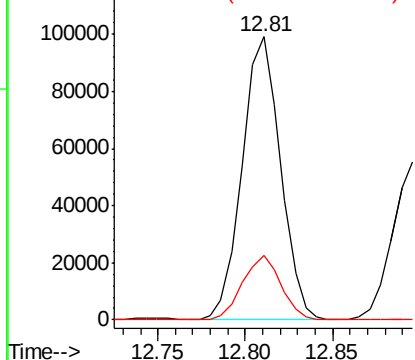
Acq: 04 Dec 2018 16:05

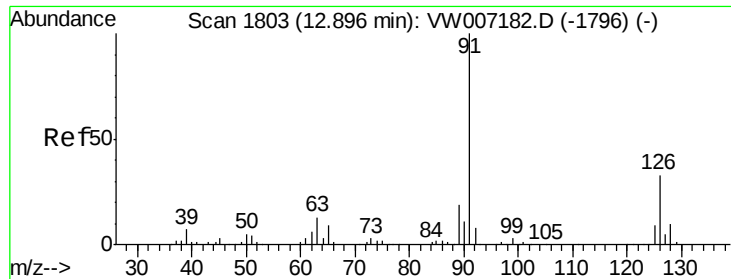
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.359 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD01

Tgt Ion: 91 Resp: 86246

Ion Ratio Lower Upper

91 100

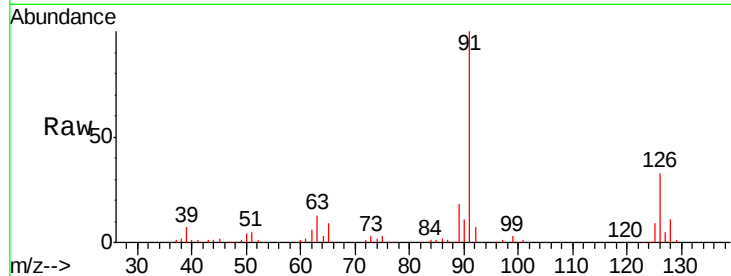
126 32.7 16.7 50.1

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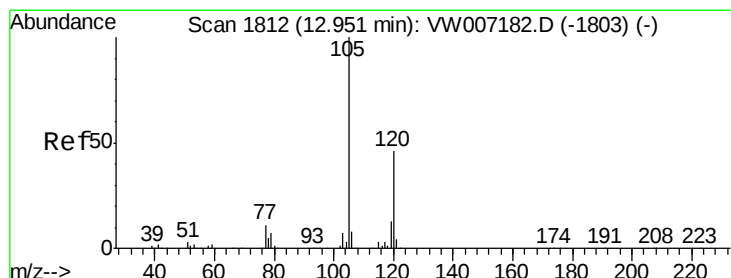
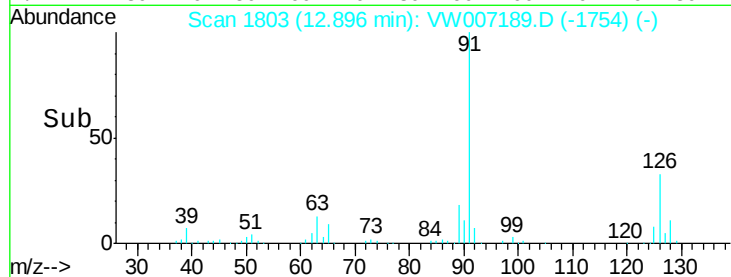
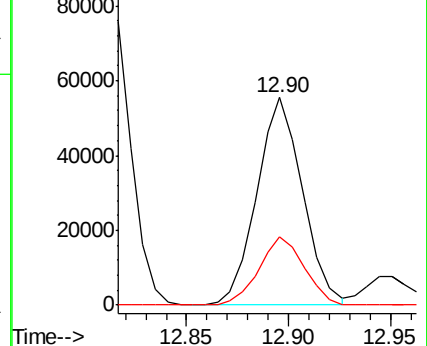
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.388 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007189.D

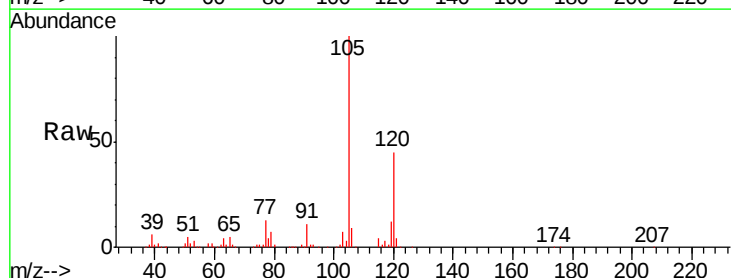
Acq: 04 Dec 2018 16:05

Tgt Ion: 105 Resp: 109829

Ion Ratio Lower Upper

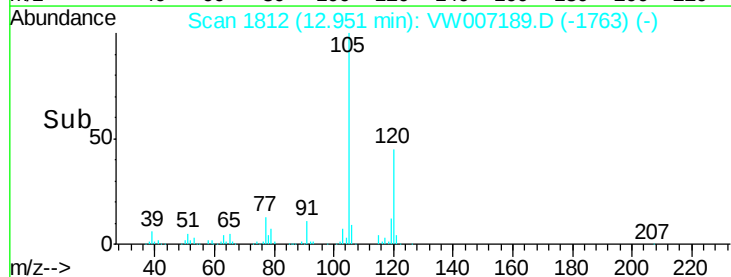
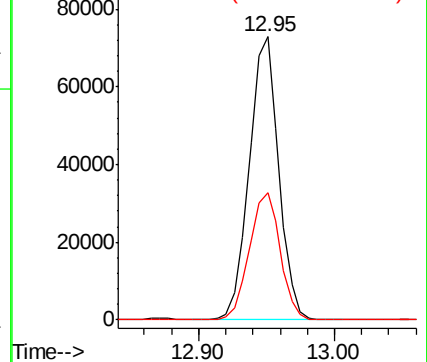
105 100

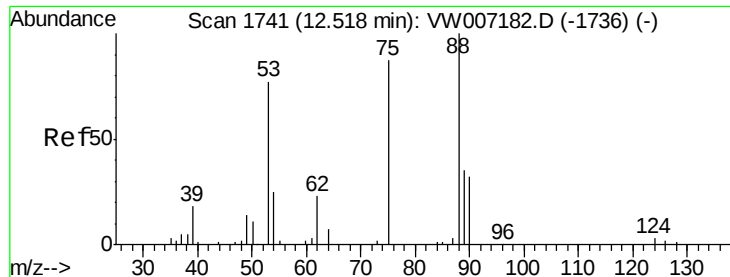
120 47.4 23.8 71.5



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: 19.047 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

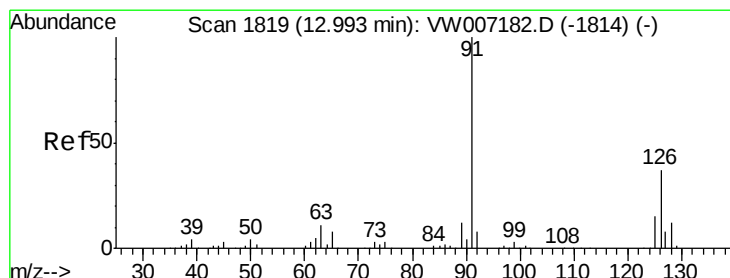
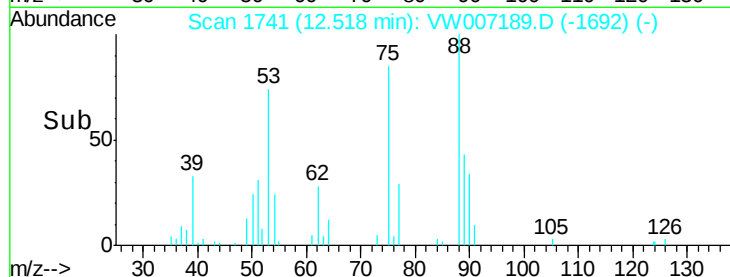
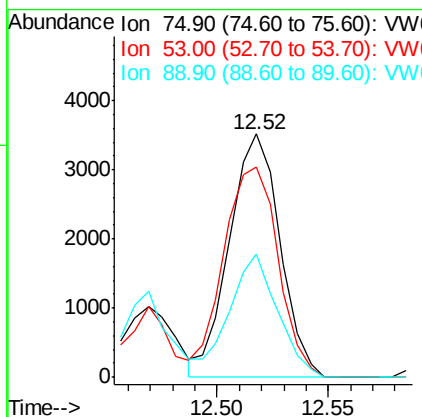
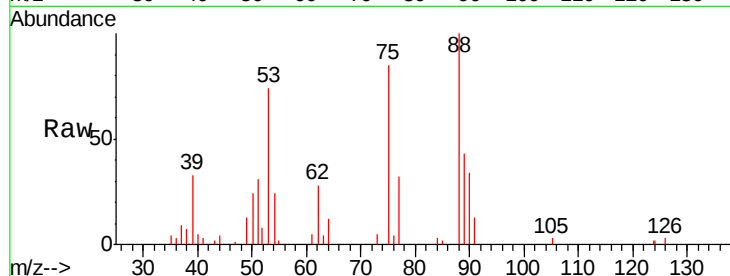
ClientSampleId :

VW1204SBS01

Tgt Ion:	75	Resp:	5571
Ion	Ratio	Lower	Upper
75	100		
53	93.0	72.8	109.2
89	47.3	36.4	54.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.948 ug/l

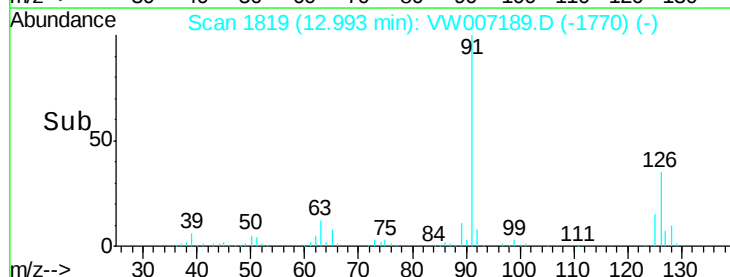
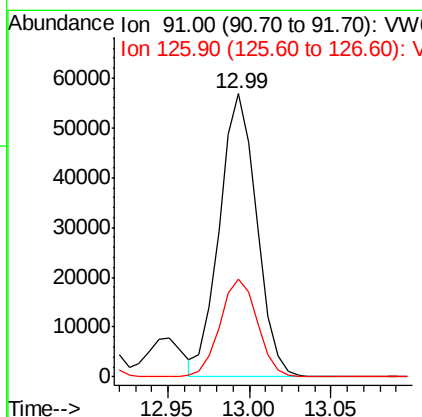
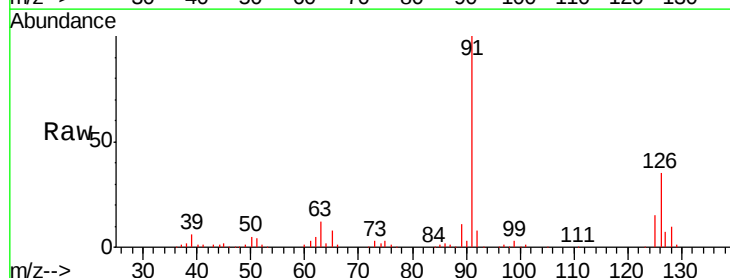
RT: 12.99 min Scan# 1819

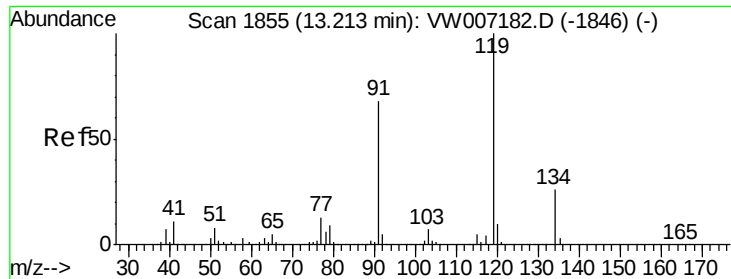
Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Tgt Ion:	91	Resp:	89801
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





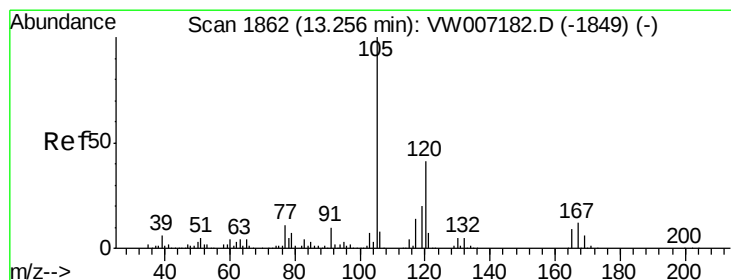
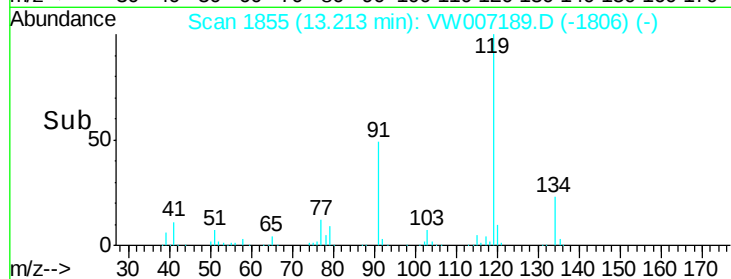
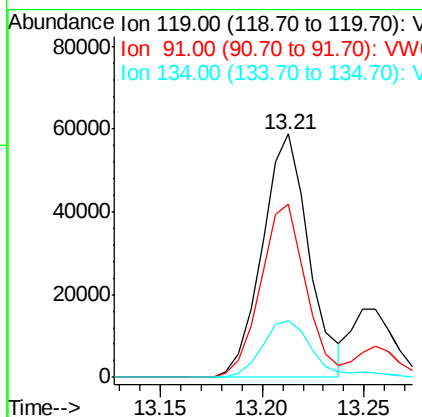
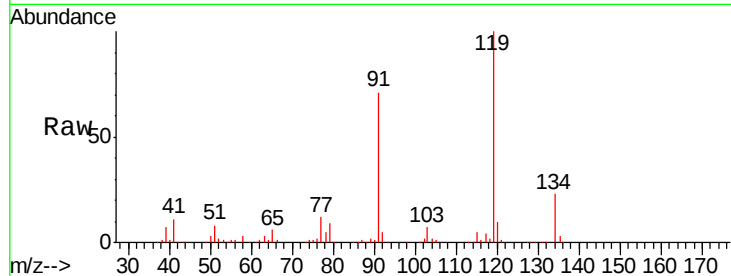
#83
tert-Butylbenzene
Concen: 18.891 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.0	101.8
134	25.7	13.2	39.5

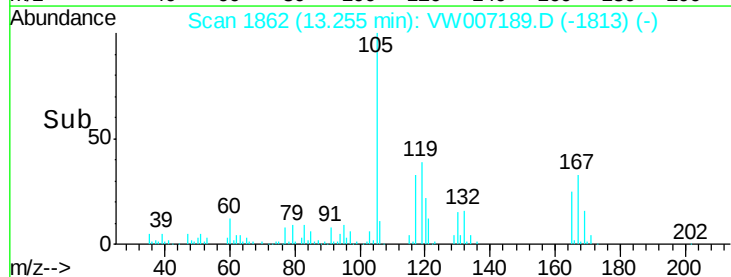
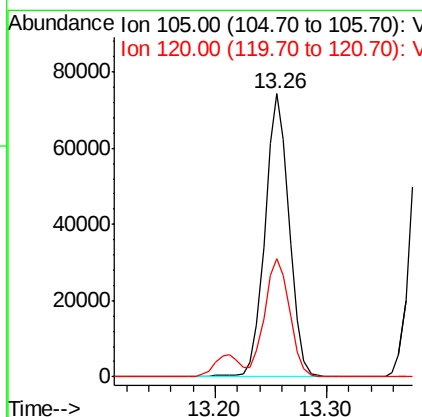
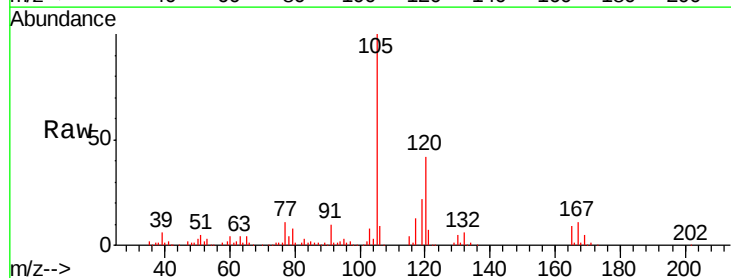
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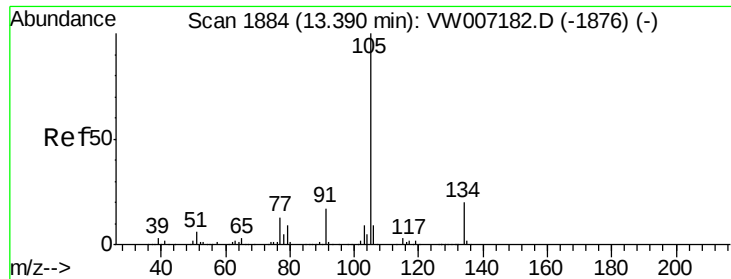
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#84
1,2,4-Trimethylbenzene
Concen: 19.475 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.1	63.3





#85

sec-Butylbenzene

Concen: 19.167 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion:105 Resp: 135464

Ion Ratio Lower Upper

105 100

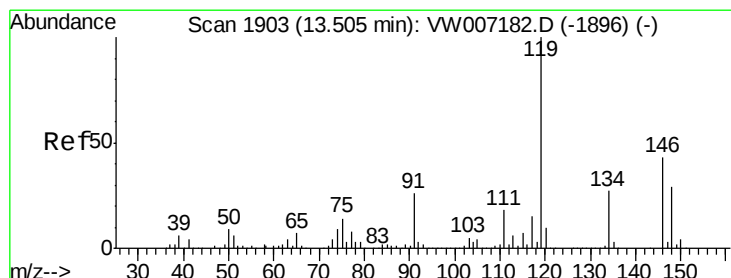
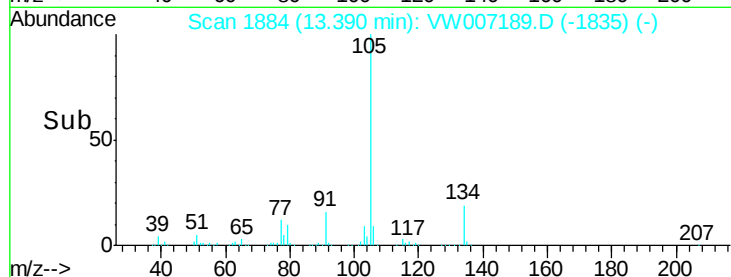
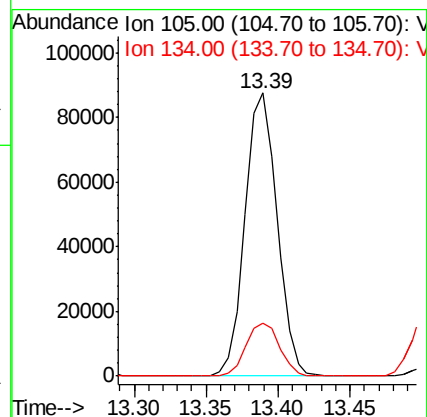
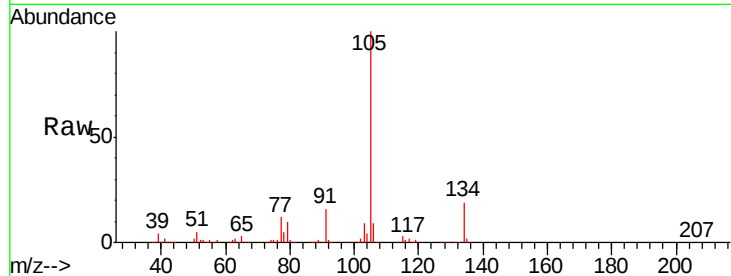
134 19.6 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.228 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007189.D

Acq: 04 Dec 2018 16:05

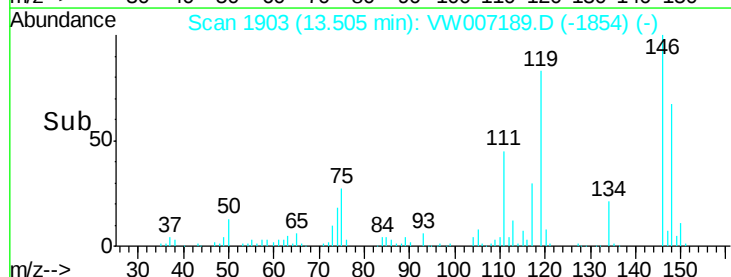
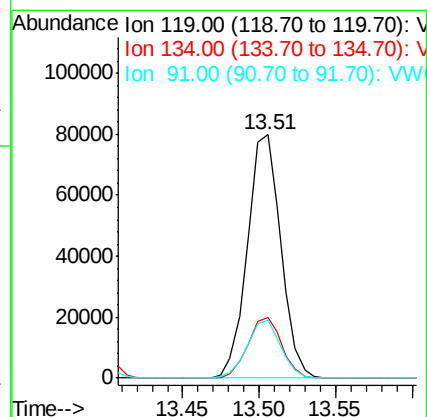
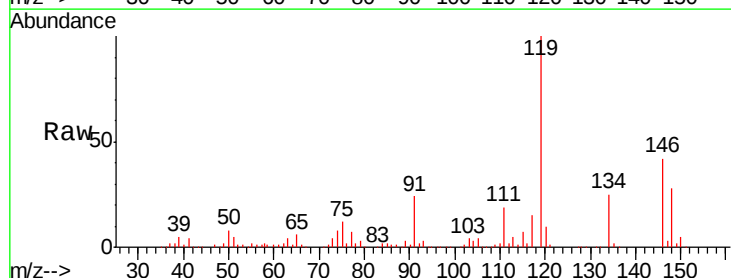
Tgt Ion:119 Resp: 120970

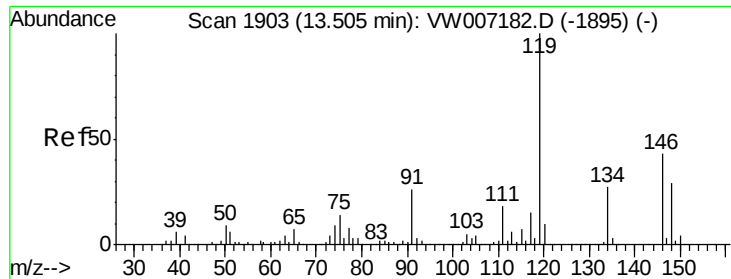
Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.6

91 23.9 12.4 37.2





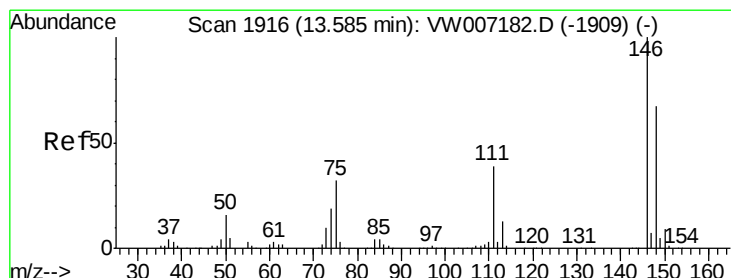
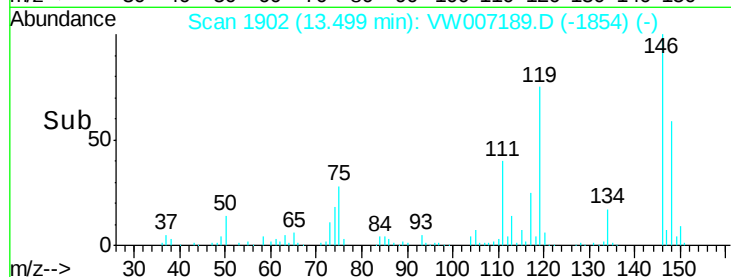
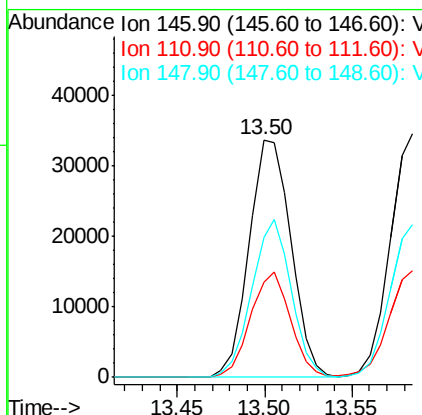
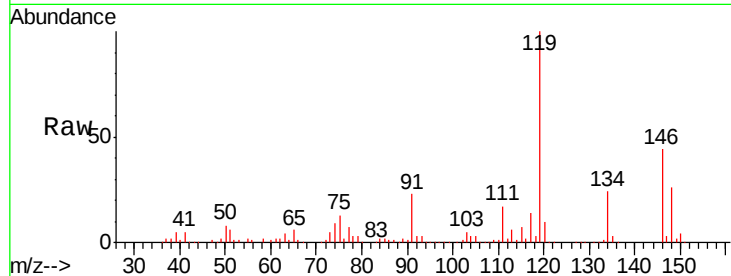
#87
 1,3-Dichlorobenzene
 Concen: 19.138 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	42.1	21.1	63.4
148	62.6	32.8	98.4

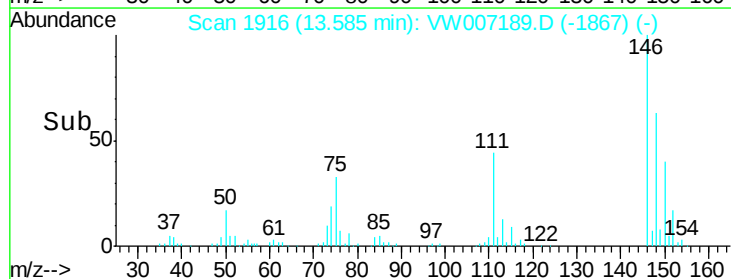
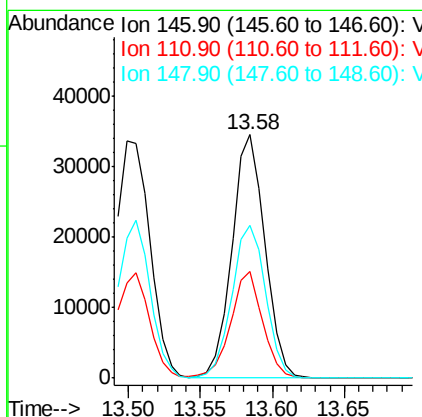
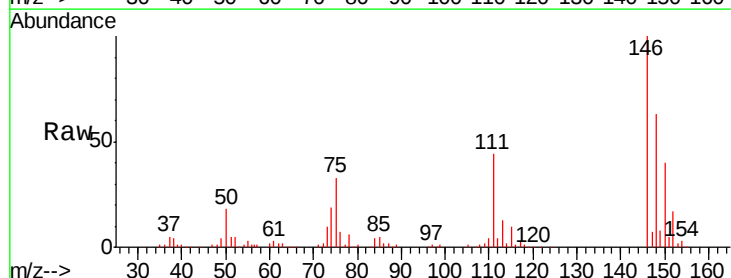
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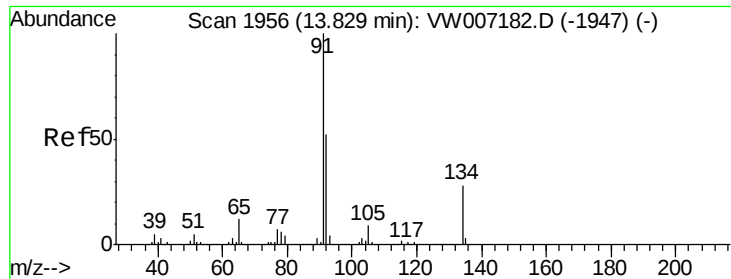
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#88
 1,4-Dichlorobenzene
 Concen: 18.583 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	42.4	19.6	58.8
148	64.4	32.6	98.0





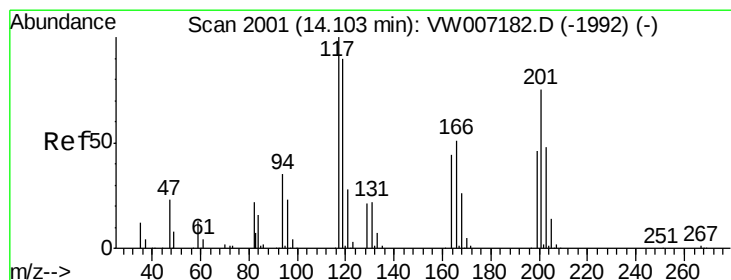
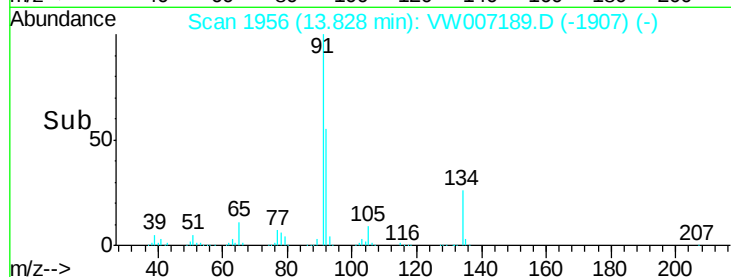
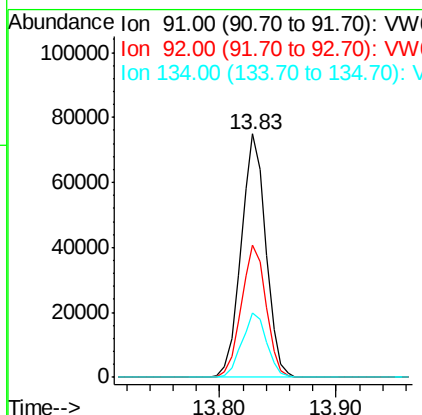
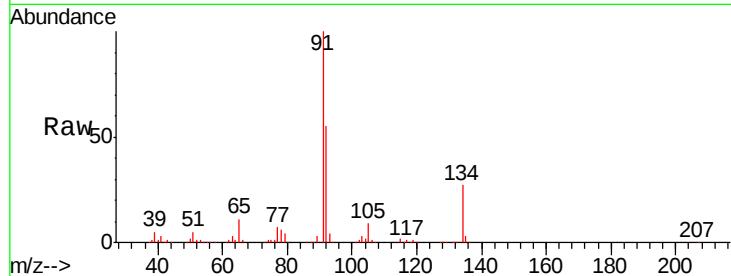
#89
n-Butylbenzene
Concen: 18.832 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.5	79.5
134	26.7	14.1	42.2

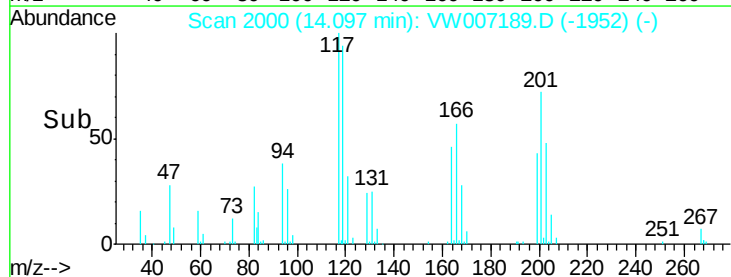
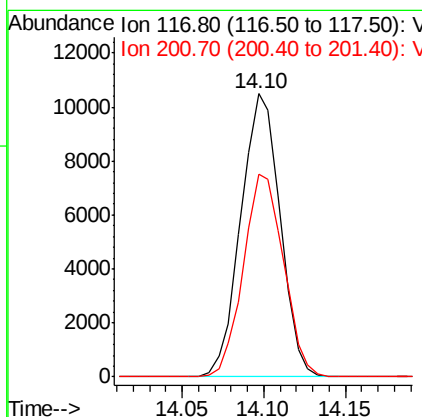
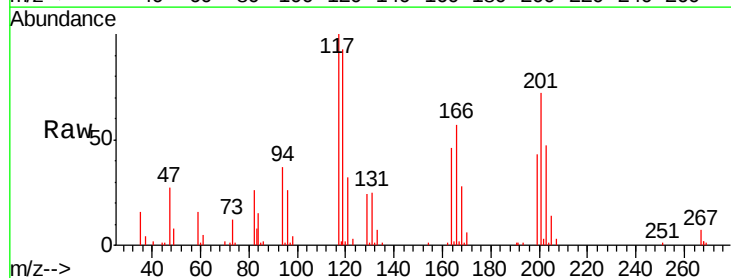
Manual Integrations
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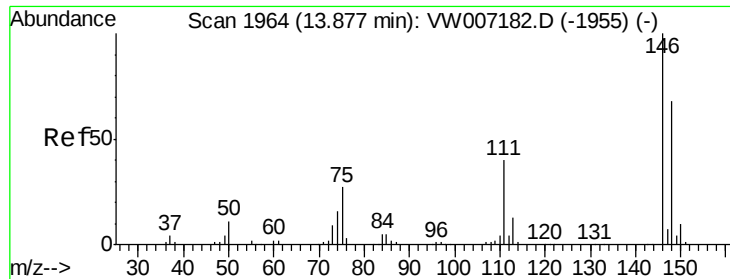
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#90
Hexachloroethane
Concen: 18.401 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	36.0	108.1





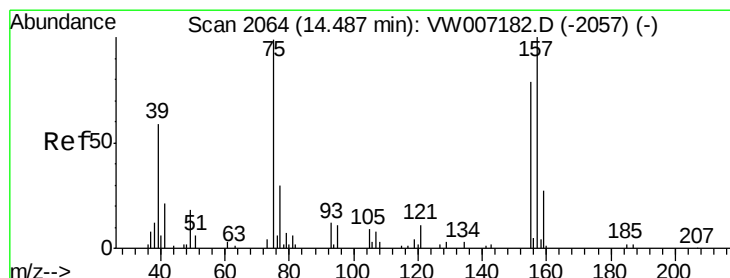
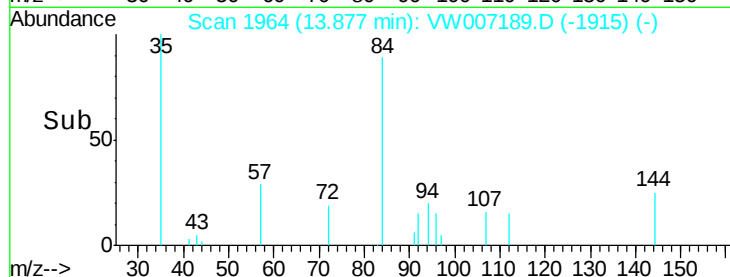
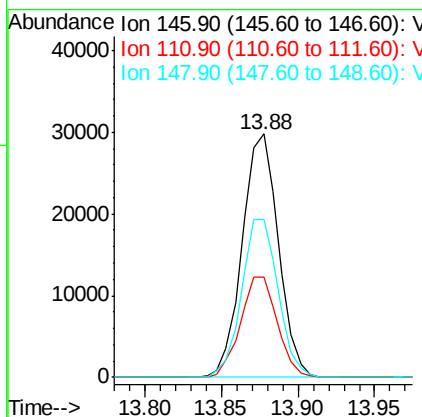
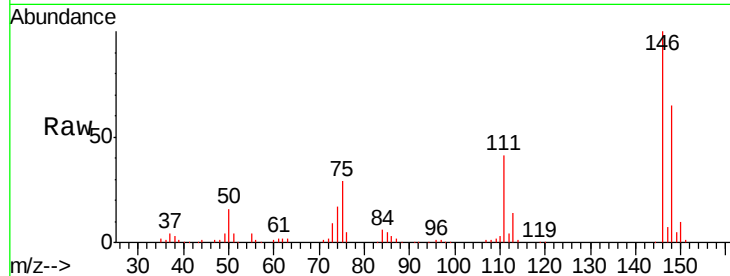
#91
 1,2-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.6	65.0
148	65.6	32.7	98.1

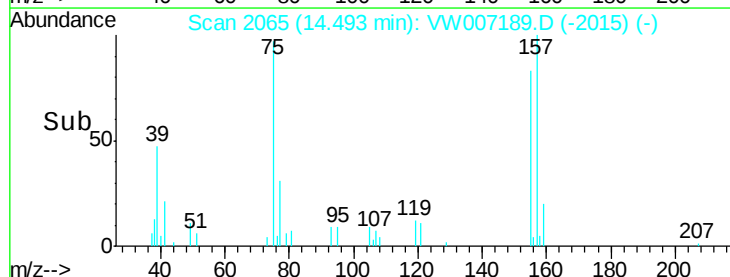
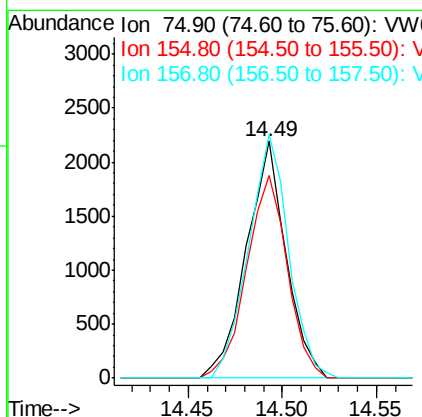
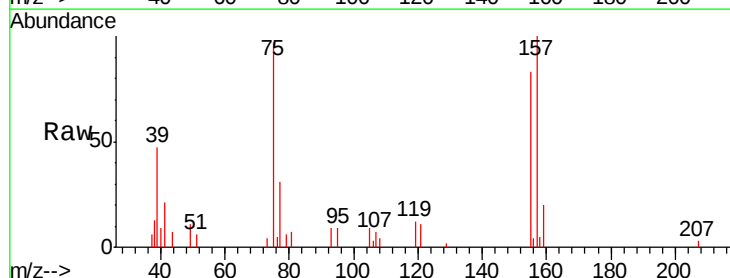
Manual Integrations
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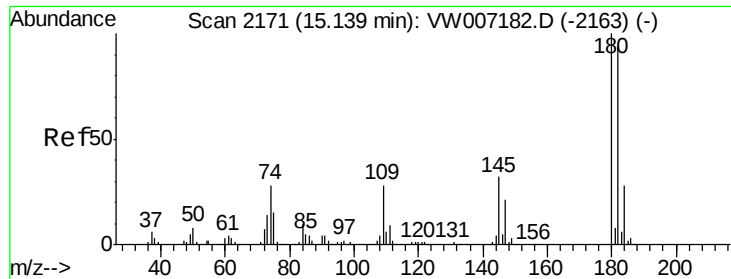
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.154 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	42.4	127.2
157	104.2	55.3	165.9





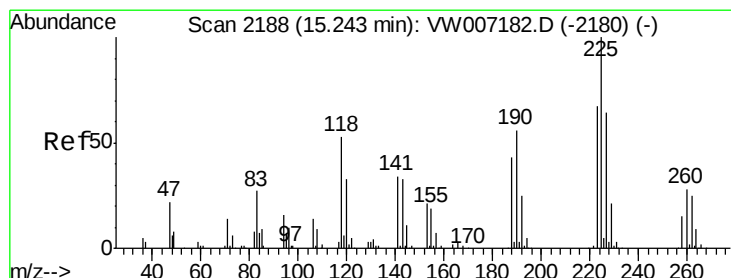
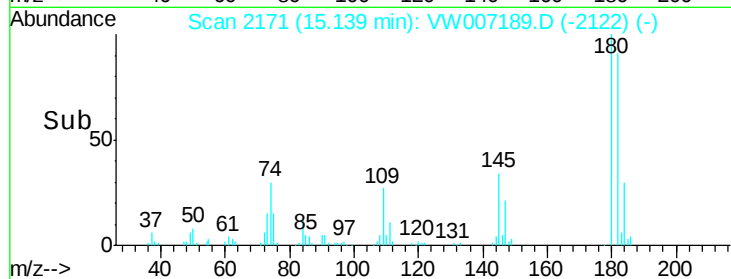
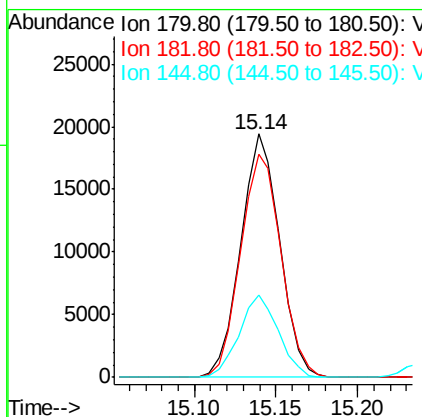
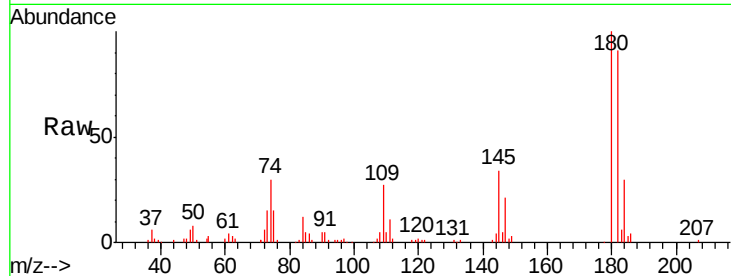
#93
 1,2,4-Trichlorobenzene
 Concen: 18.296 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	32208		
182	95.4	47.9	143.8	
145	34.2	16.6	49.7	

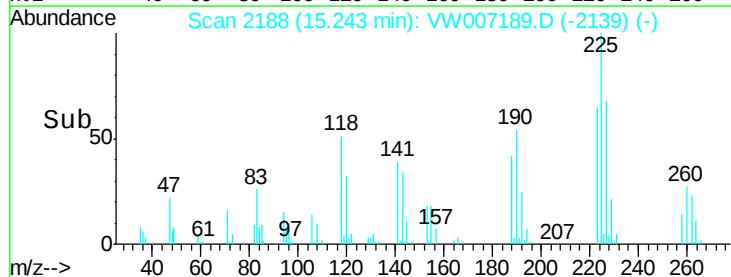
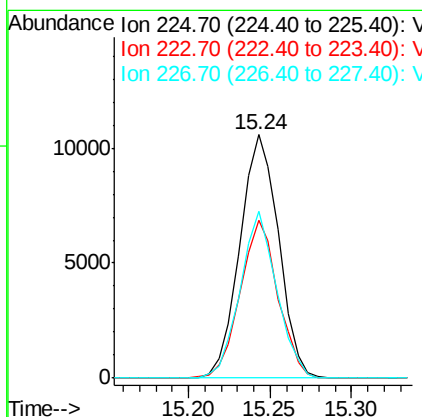
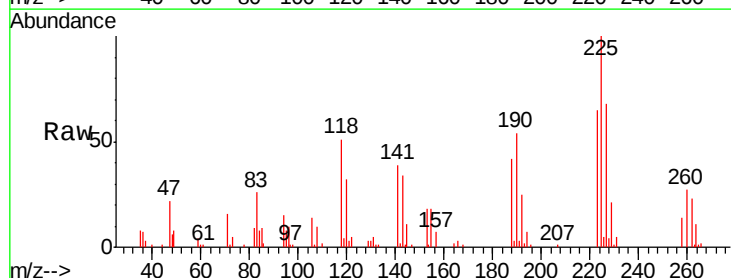
Manual Integrations
 APPROVED

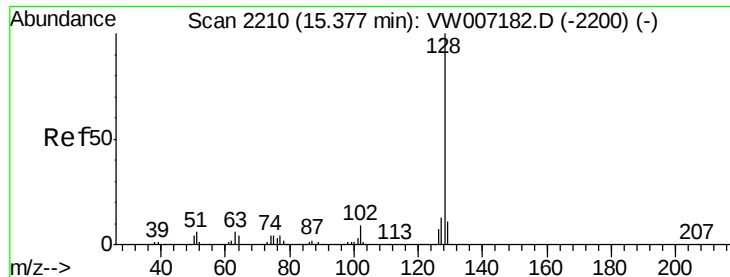
apatel
 12/5/2018 12:44:01 PM



#94
 Hexachlorobutadiene
 Concen: 18.475 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007189.D
 Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	17538		
223	63.2	32.3	96.8	
227	64.4	32.1	96.3	





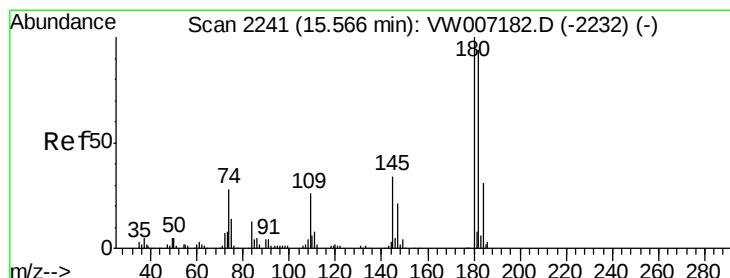
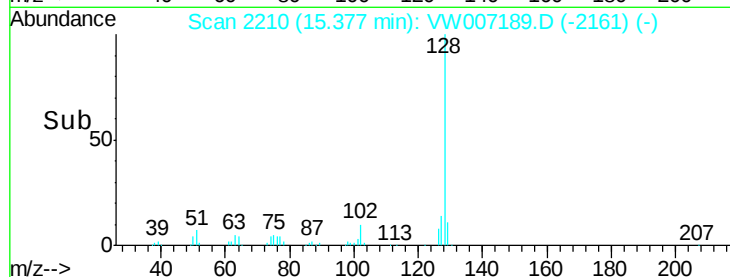
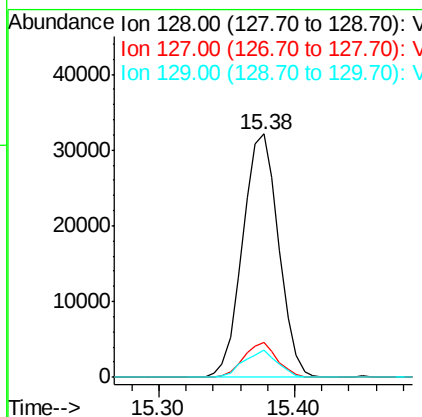
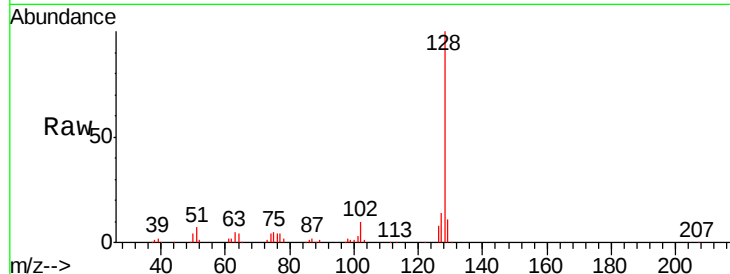
#95
Naphthalene
Concen: 18.843 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	59450		
127	13.5	10.3	15.5	
129	10.5	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.862 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007189.D
Acq: 04 Dec 2018 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	26514		
182	97.7	47.4	142.2	
145	36.5	17.6	52.8	

