

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006147.D
 Acq On : 18 Oct 2018 02:21
 Operator : VA/AP
 Sample : VW1017SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

Manual Integrations
 APPROVED

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 10/18/2018 4:40:17 PM

Quant Time: Oct 18 13:50:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	394829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115957	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.88	113	117087	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.33	98	437250	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	167649	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19261	14.496	ug/l	100
3) Chloromethane	2.21	50	30232	17.676	ug/l	100
4) Vinyl Chloride	2.37	62	44966	18.409	ug/l	97
5) Bromomethane	2.78	94	45666	20.555	ug/l	97
6) Chloroethane	2.93	64	33430	19.098	ug/l	99
7) Trichlorofluoromethane	3.26	101	38181	16.780	ug/l	95
8) Diethyl Ether	3.68	74	28382	23.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46760	19.609	ug/l	99
10) Methyl Iodide	4.27	142	83685	21.085	ug/l	99
11) Tert butyl alcohol	5.21	59	16157	107.921	ug/l	99
12) 1,1-Dichloroethene	4.03	96	46052	20.527	ug/l	92
13) Acrolein	3.90	56	14542	100.382	ug/l	94
14) Allyl chloride	4.67	41	64307	20.047	ug/l	99
15) Acrylonitrile	5.38	53	48063	110.810	ug/l	99
16) Acetone	4.14	43	42895	93.442	ug/l	98
17) Carbon Disulfide	4.38	76	122457	18.086	ug/l	100
18) Methyl Acetate	4.68	43	26147	23.340	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	74318	21.750	ug/l	96
20) Methylene Chloride	4.92	84	54377	22.180	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52389	20.921	ug/l	98
22) Diisopropyl ether	6.32	45	135798	21.422	ug/l	97
23) Vinyl Acetate	6.26	43	391384	104.620	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87585	21.413	ug/l	99
25) 2-Butanone	7.18	43	65959	109.682	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53342	18.490	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59907	21.679	ug/l	99
28) Bromochloromethane	7.51	49	29579	18.731	ug/l	97
29) Tetrahydrofuran	7.54	42	41267	111.639	ug/l	98
30) Chloroform	7.68	83	96867	21.736	ug/l	100
31) Cyclohexane	7.96	56	78658	19.310	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80889	20.122	ug/l	98
36) 1,1-Dichloropropene	8.09	75	74538	20.482	ug/l	99
37) Ethyl Acetate	7.26	43	29168	21.572	ug/l	99
38) Carbon Tetrachloride	8.07	117	76635	19.209	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93700	19.369	ug/l	94
40) Benzene	8.32	78	208743	20.911	ug/l	99
41) Methacrylonitrile	7.49	41	16646	20.422	ug/l	94
42) 1,2-Dichloroethane	8.40	62	64151	21.873	ug/l	99
43) Isopropyl Acetate	8.43	43	58508	21.163	ug/l	99
44) Trichloroethene	9.09	130	63702	20.800	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49710	20.810	ug/l	99
46) Dibromomethane	9.46	93	29707	21.820	ug/l	97
47) Bromodichloromethane	9.65	83	66377	20.109	ug/l	99
48) Methyl methacrylate	9.44	41	27670	21.115	ug/l	97
49) 1,4-Dioxane	9.47	88	9733	464.368	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	151754	109.557	ug/l	100
52) Toluene	10.39	92	140935	21.058	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63546	19.322	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74020	19.611	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41420	21.740	ug/l	96
56) Ethyl methacrylate	10.65	69	50010	21.411	ug/l	96
57) 1,3-Dichloropropane	10.93	76	68409	21.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94000	105.323	ug/l	99
59) 2-Hexanone	10.98	43	103815	104.993	ug/l	99
60) Dibromochloromethane	11.13	129	47190	19.885	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40959	21.515	ug/l	99
64) Tetrachloroethene	10.87	164	61848	22.042	ug/l	95
65) Chlorobenzene	11.66	112	164273	21.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56970	20.719	ug/l	99
67) Ethyl Benzene	11.74	91	280822	20.943	ug/l	99
68) m/p-Xylenes	11.84	106	221347	41.764	ug/l	99
69) o-Xylene	12.17	106	106778	21.140	ug/l	98
70) Styrene	12.18	104	172116	20.955	ug/l	100
71) Bromoform	12.35	173	29445	19.199	ug/l #	100
73) Isopropylbenzene	12.47	105	294029	20.552	ug/l	99
74) N-amyl acetate	12.28	43	57940	20.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48060	22.087	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30973m	20.024	ug/l	
77) Bromobenzene	12.75	156	74466	21.251	ug/l	99
78) n-propylbenzene	12.81	91	341288	20.504	ug/l	100
79) 2-Chlorotoluene	12.90	91	196881	21.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	250469	20.767	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11227	17.350	ug/l	93
82) 4-Chlorotoluene	12.99	91	209192	21.354	ug/l	99
83) tert-Butylbenzene	13.21	119	221356	20.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	254954	20.890	ug/l	100
85) sec-Butylbenzene	13.39	105	312608	20.506	ug/l	100
86) p-Isopropyltoluene	13.51	119	279597	20.277	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	146951	21.072	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145919	21.015	ug/l	99
89) n-Butylbenzene	13.83	91	254596	20.189	ug/l	99
90) Hexachloroethane	14.10	117	43765	18.738	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	133860	21.518	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8239	21.148	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101899	21.289	ug/l	100
94) Hexachlorobutadiene	15.24	225	62189	20.683	ug/l	99
95) Naphthalene	15.38	128	175476	22.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	89855	21.704	ug/l	99

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

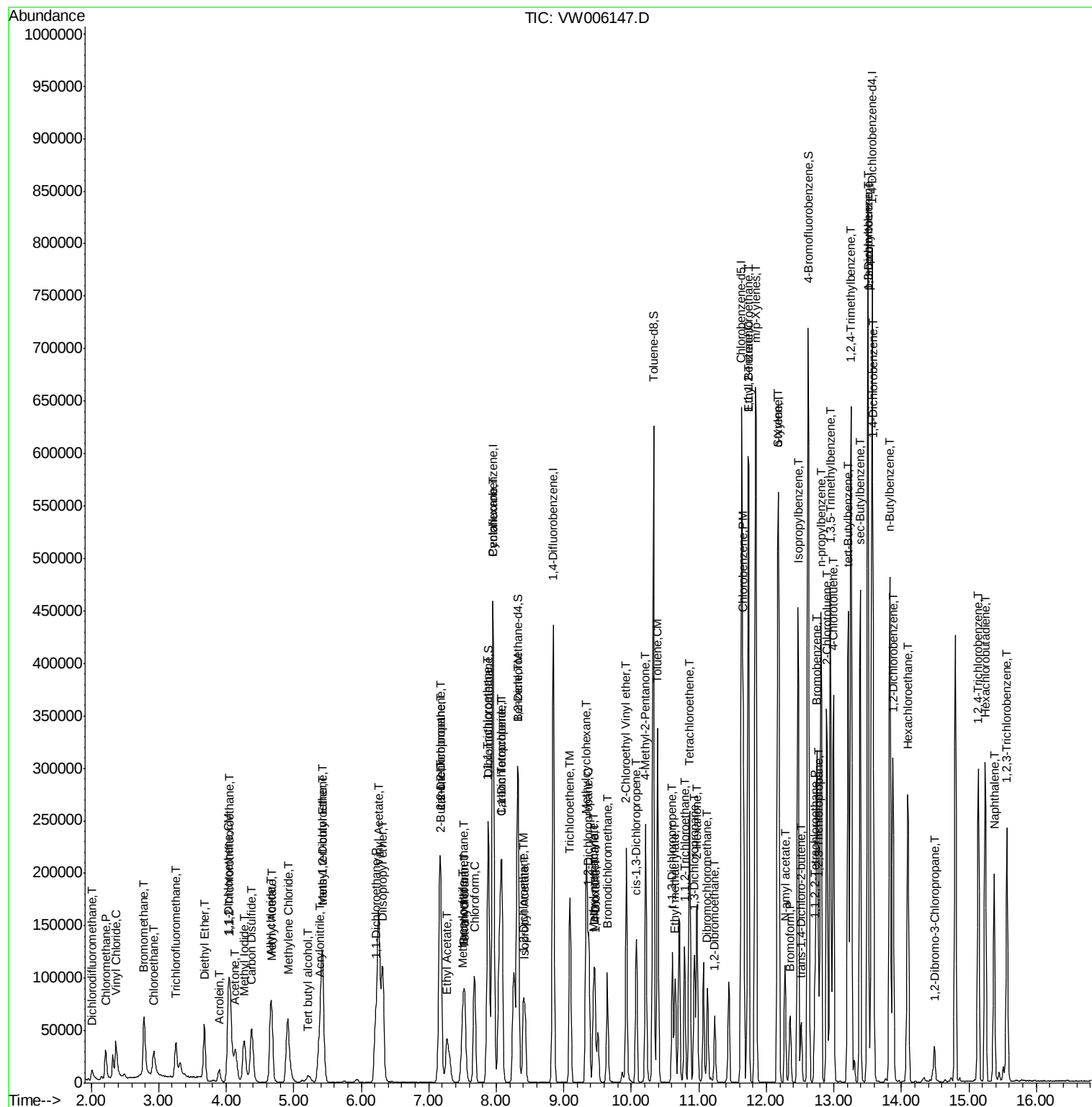
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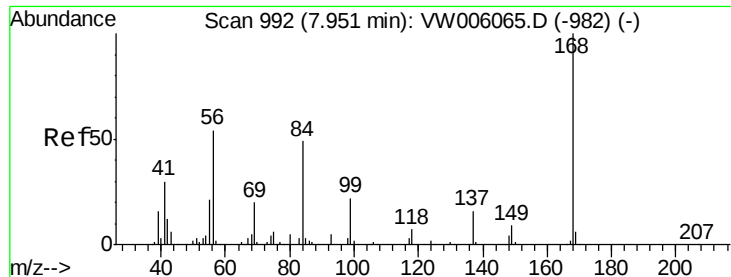
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

Tot Ion:168 Resp: 268505

Ion Ratio Lower Upper

168 100

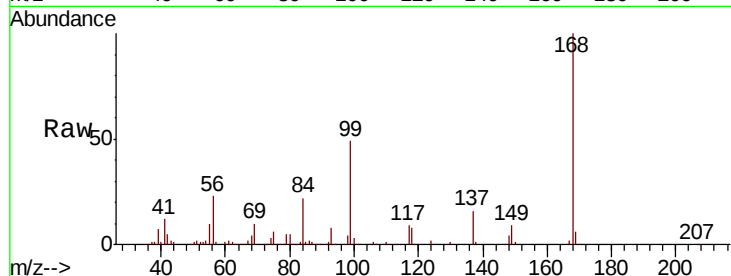
99 48.7 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

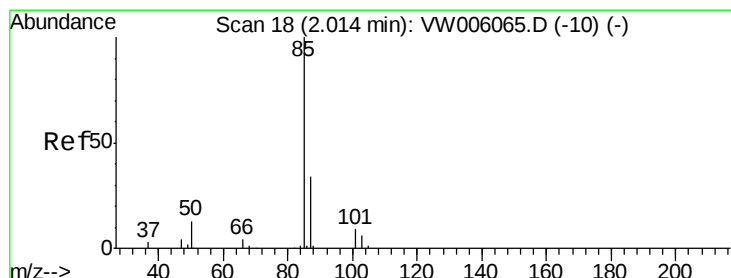
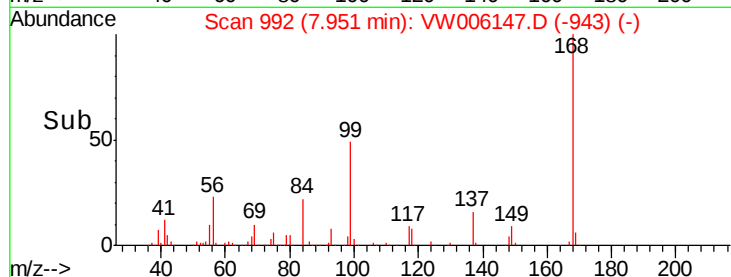
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 14.496 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006147.D

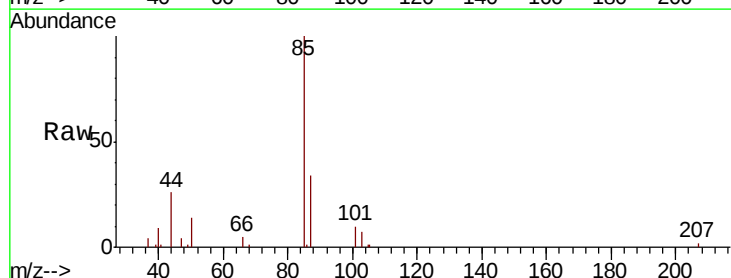
Acq: 18 Oct 2018 02:21

Tgt Ion: 85 Resp: 19261

Ion Ratio Lower Upper

85 100

87 33.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

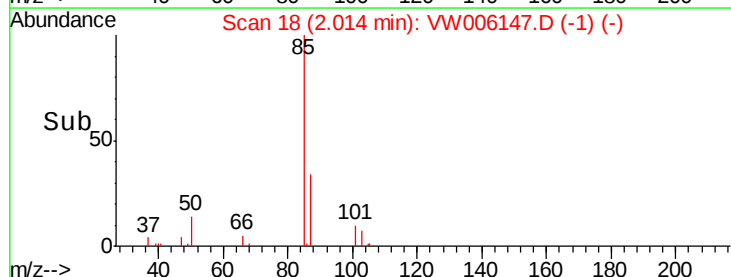
3000

2000

1000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 17.676 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 50 Resp: 30232

Ion Ratio Lower Upper

50 100

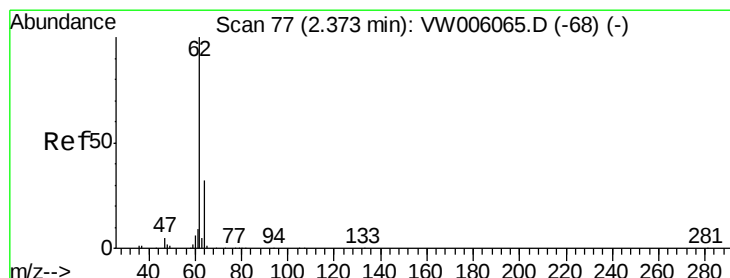
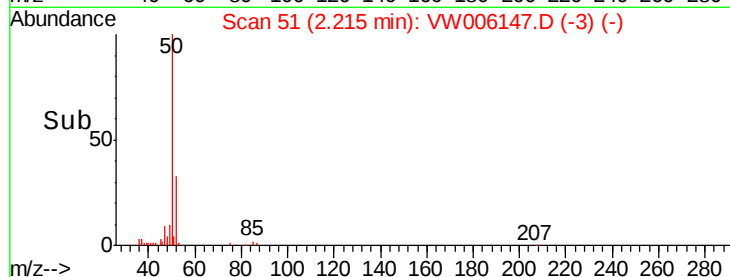
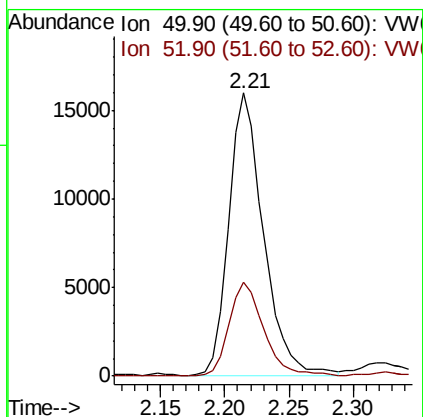
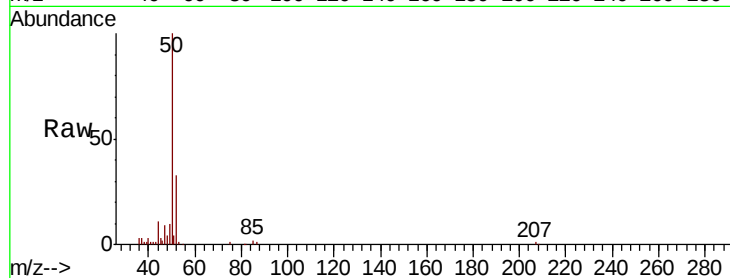
52 33.4 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.409 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006147.D

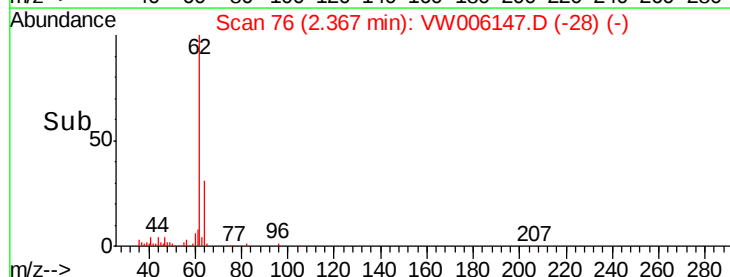
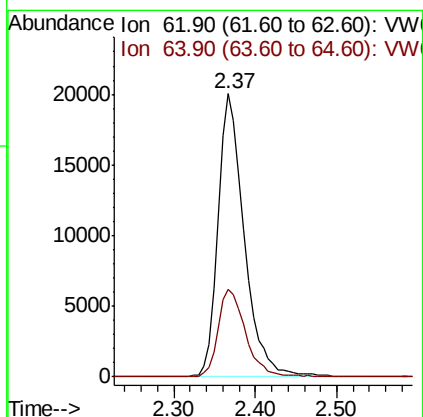
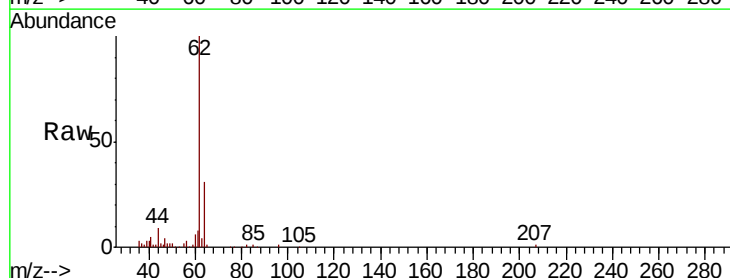
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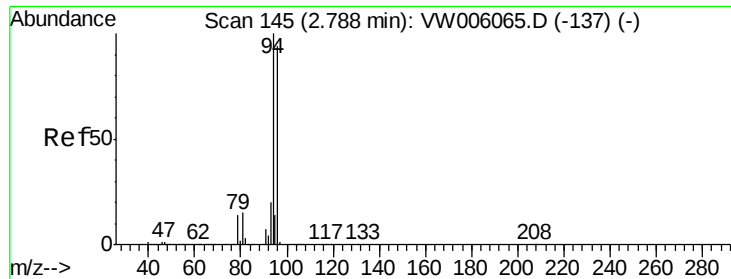
Tgt Ion: 62 Resp: 44966

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 20.555 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

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ClientSampleId :

VW1017SBSD02

Tot Ion: 94 Resp: 45666

Ion Ratio Lower Upper

94 100

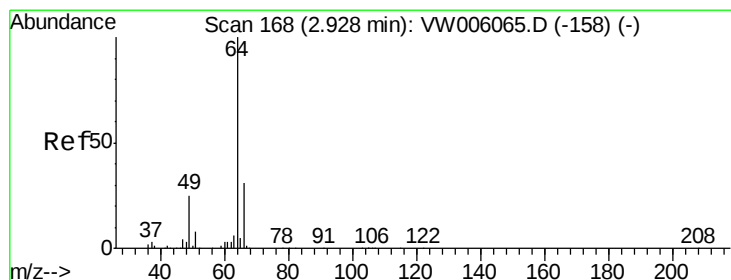
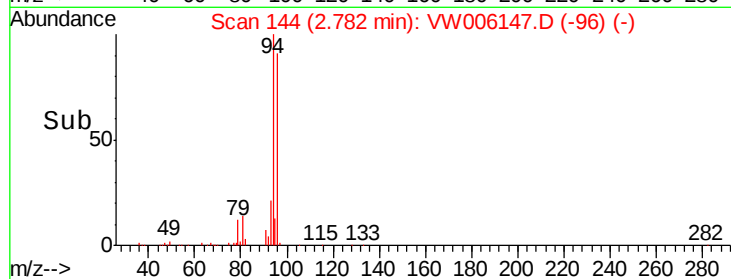
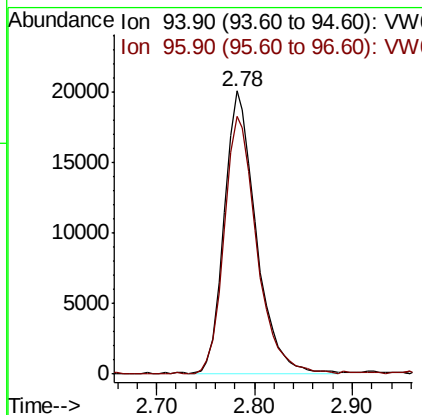
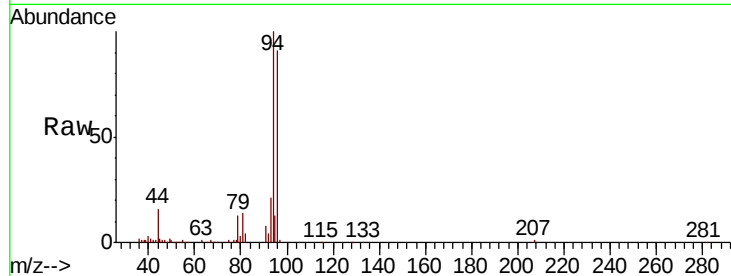
96 91.0 74.9 112.3

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#6

Chloroethane

Concen: 19.098 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006147.D

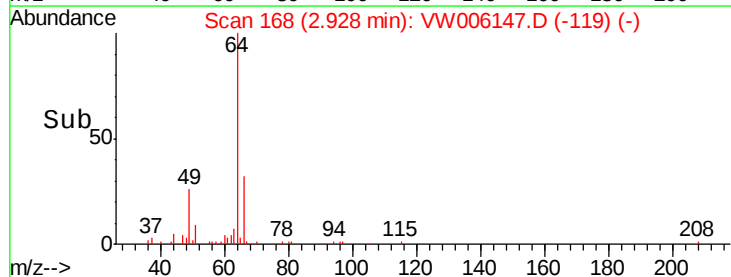
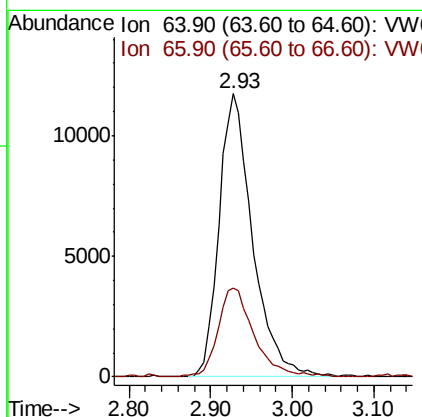
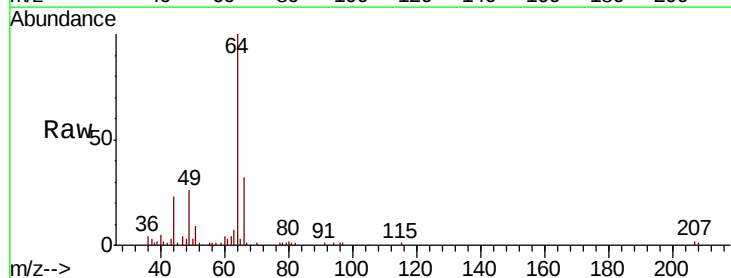
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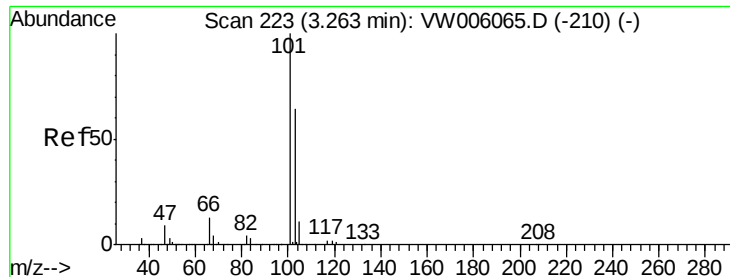
Tgt Ion: 64 Resp: 33430

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3





#7

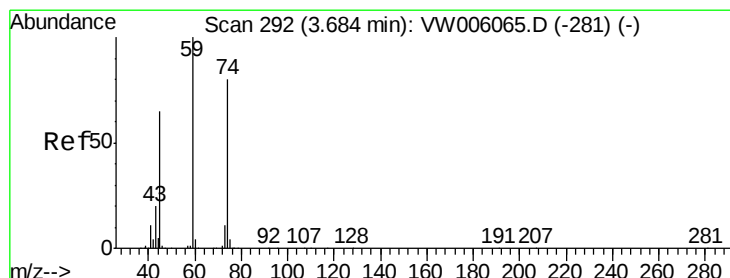
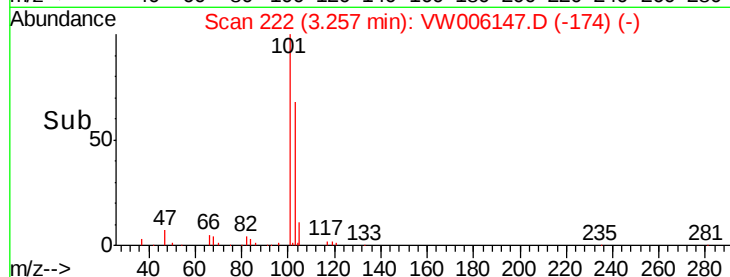
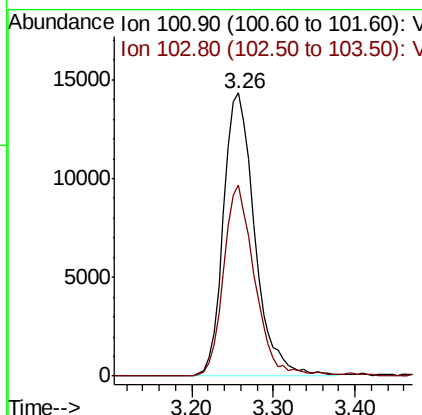
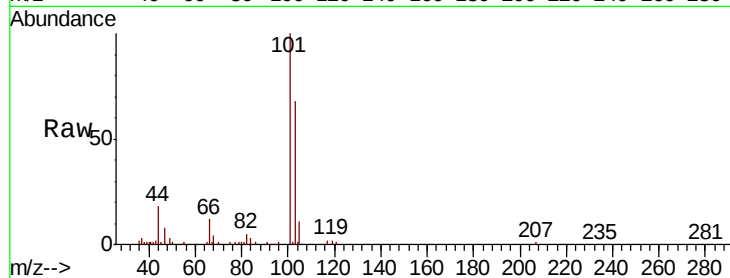
Trichlorofluoromethane
Concen: 16.780 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006147.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		38181		
103	67.8	51.2	76.8		

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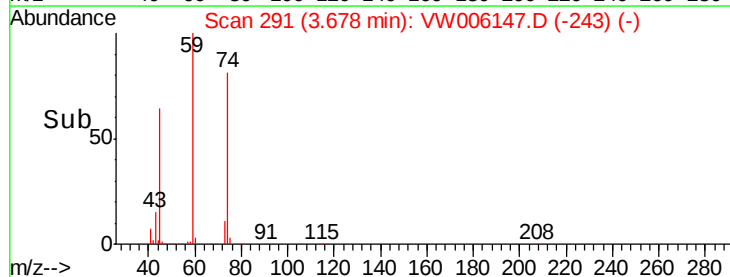
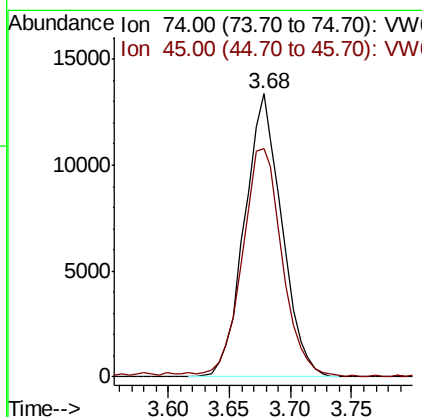
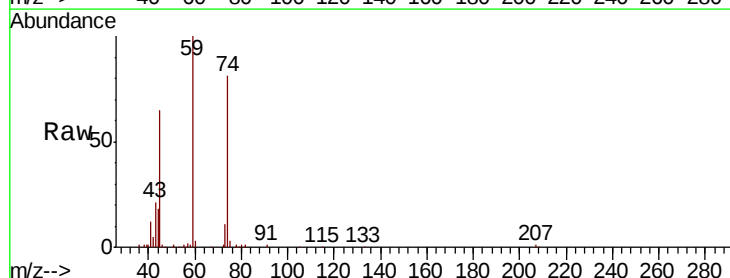
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#8

Diethyl Ether
Concen: 23.470 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006147.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28382		
45	87.4	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.609 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

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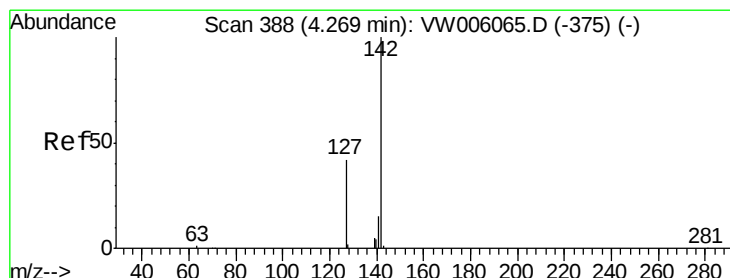
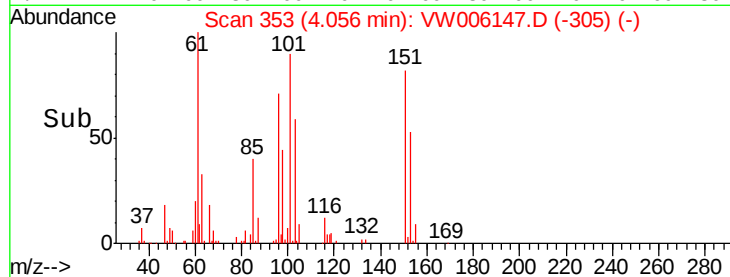
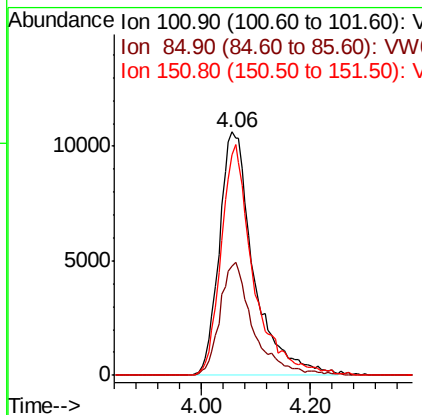
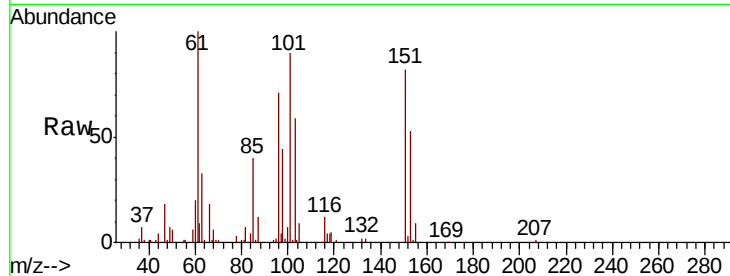
ClientSampleId :

VW1017SBS02

Tot Ion:	101	Resp:	46760
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	88.9	70.4	105.6

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#10

Methyl Iodide

Concen: 21.085 ug/l

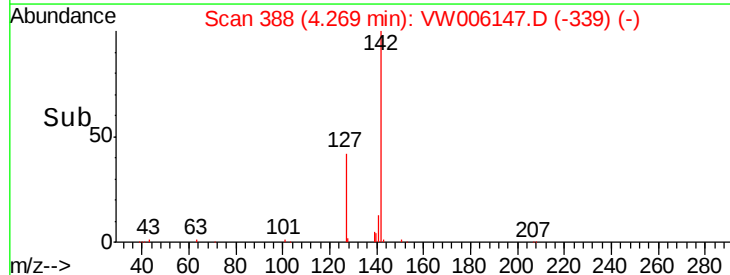
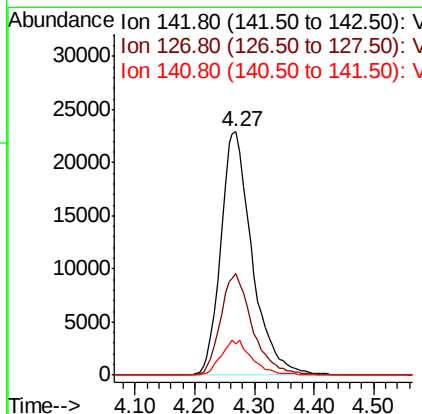
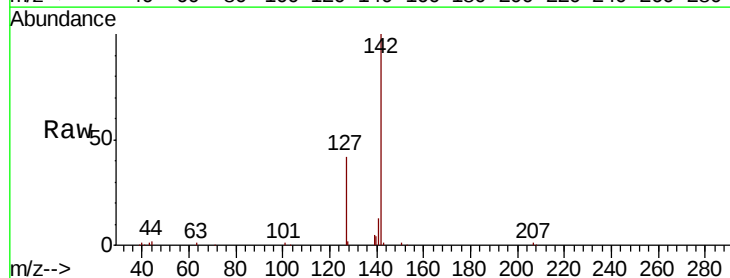
RT: 4.27 min Scan# 388

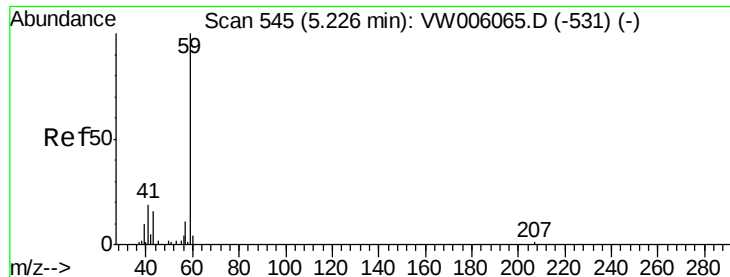
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	142	Resp:	83685
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.1	11.6	17.4





#11

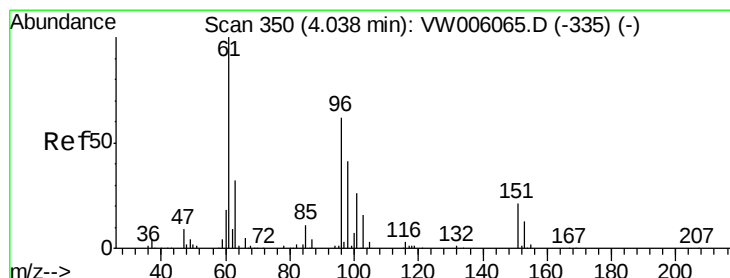
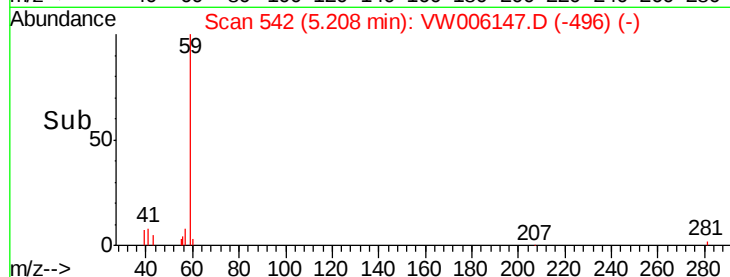
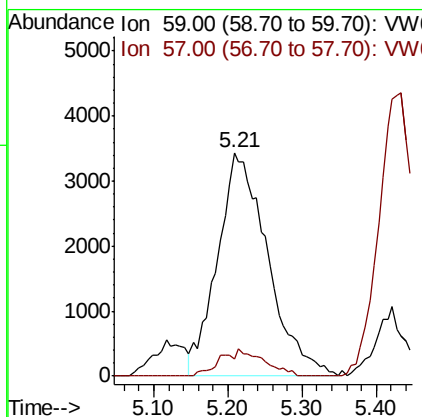
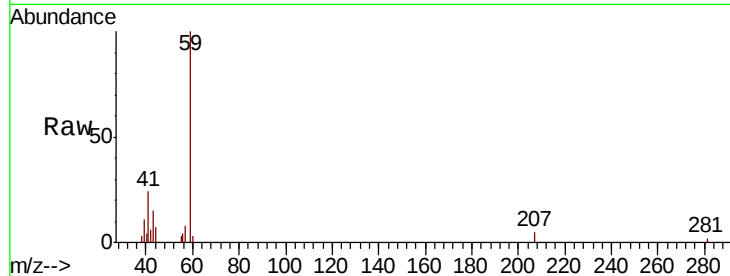
Tert butyl alcohol
 Concen: 107.921 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	59	Resp	16157
Ion Ratio	100	Lower	Upper
57	10.5	8.7	13.1

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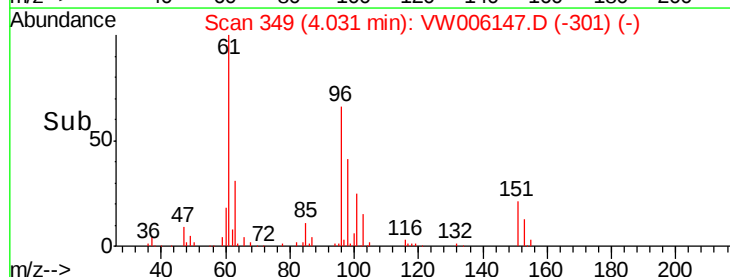
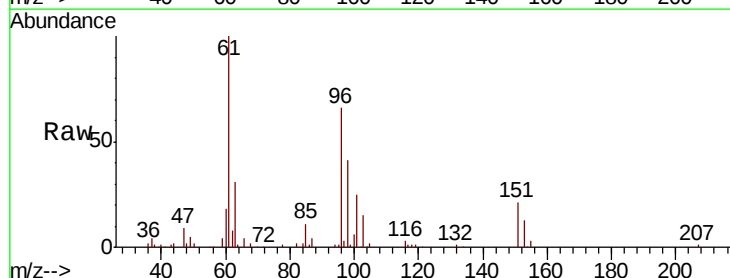
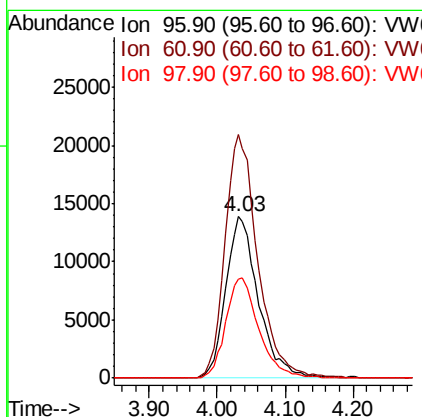
apatel
 10/18/2018 4:40:17 PM

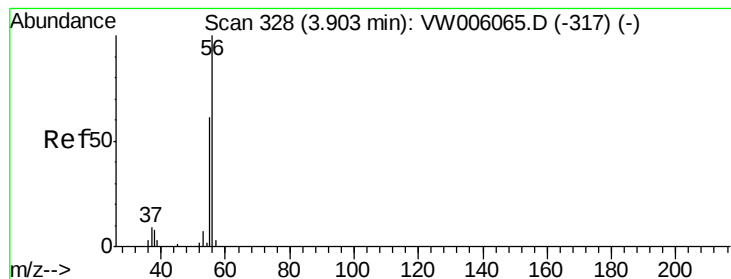


#12

1,1-Dichloroethene
 Concen: 20.527 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	96	Resp	46052
Ion Ratio	100	Lower	Upper
61	150.9	129.3	193.9
98	61.2	53.1	79.7





#13

Acrolein

Concen: 100.382 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 56 Resp: 14542

Ion Ratio Lower Upper

56 100

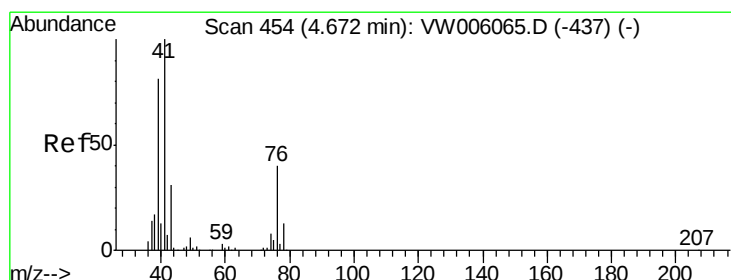
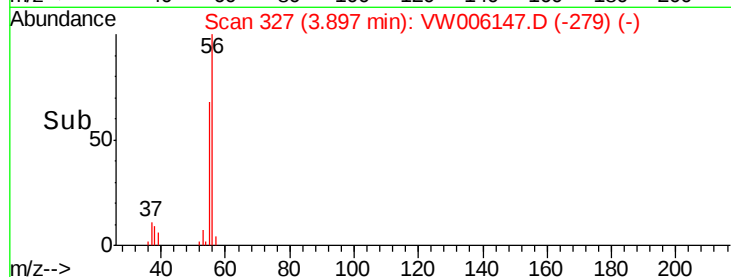
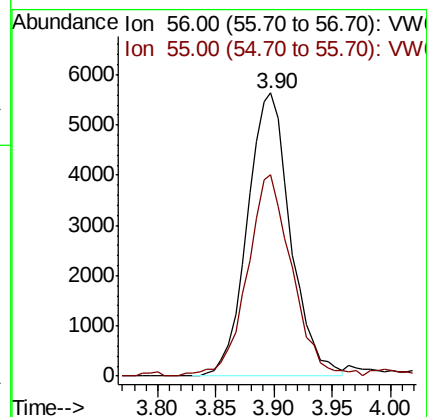
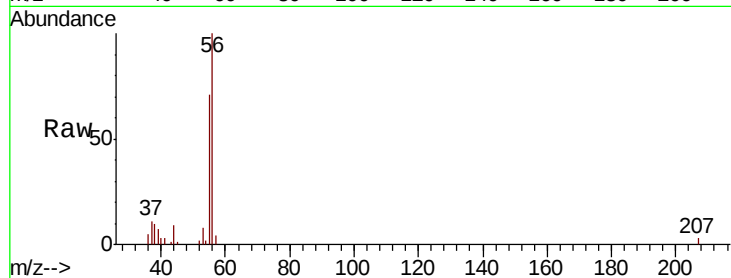
55 73.2 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 20.047 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

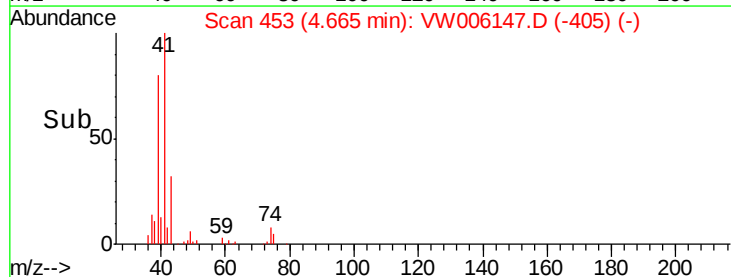
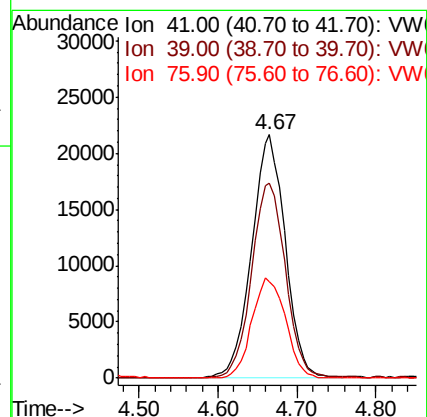
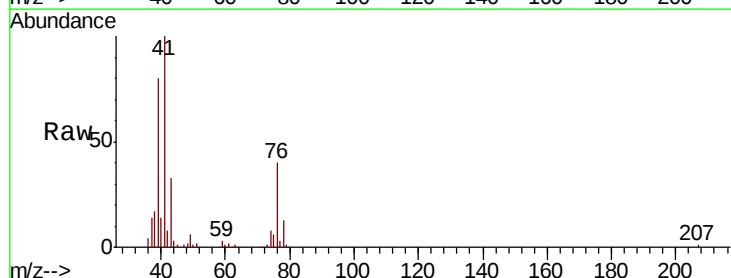
Tgt Ion: 41 Resp: 64307

Ion Ratio Lower Upper

41 100

39 80.6 64.1 96.1

76 40.8 32.2 48.4





#15

Acrylonitrile

Concen: 110.810 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

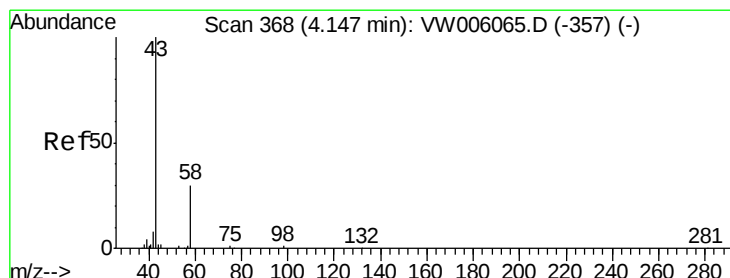
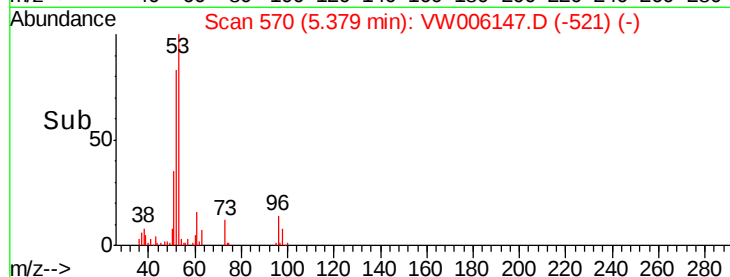
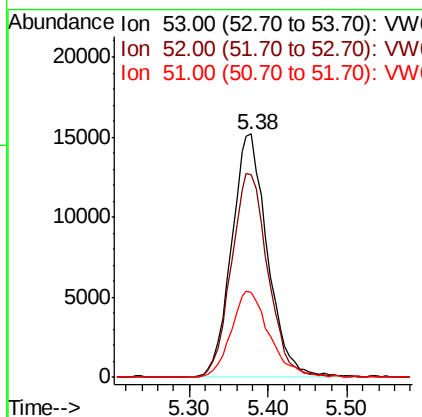
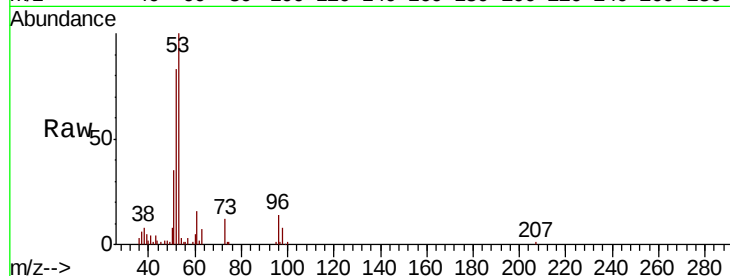
ClientSampleId :

VW1017SBS02

Tot Ion:	53	Resp:	48063
Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.9	100.3
51	37.8	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 93.442 ug/l

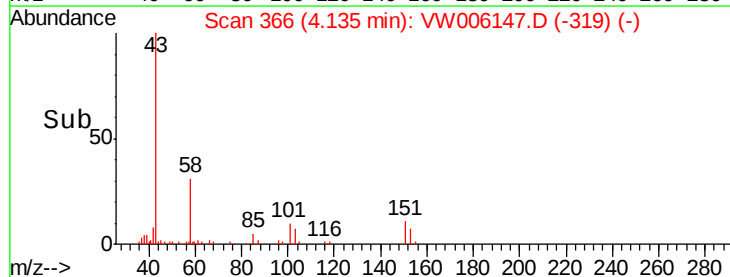
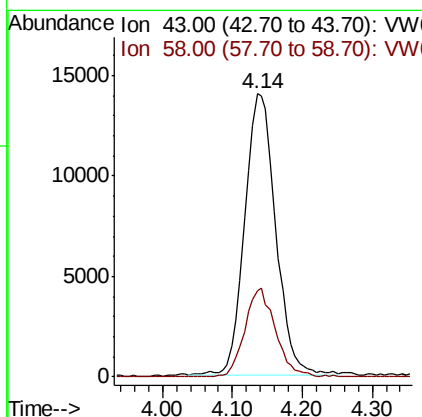
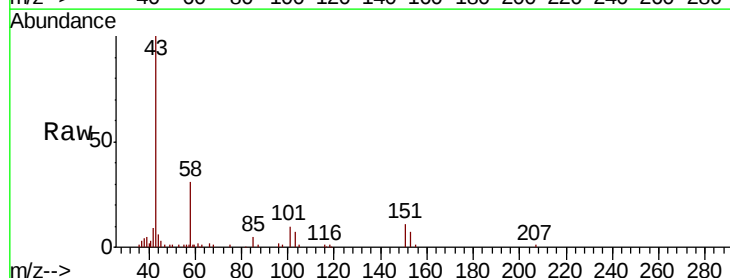
RT: 4.14 min Scan# 368

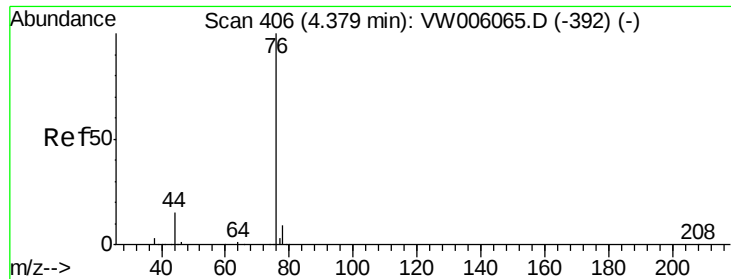
Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	43	Resp:	42895
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.0	36.0





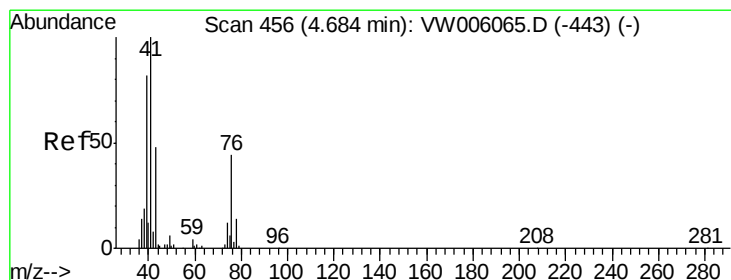
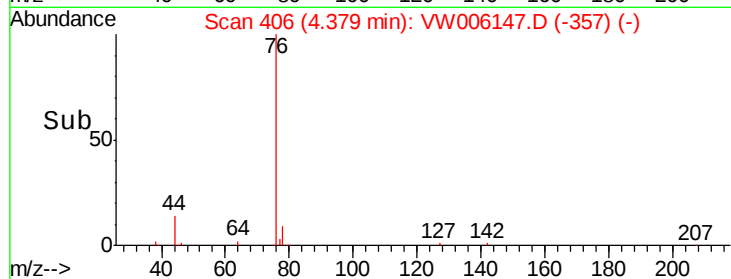
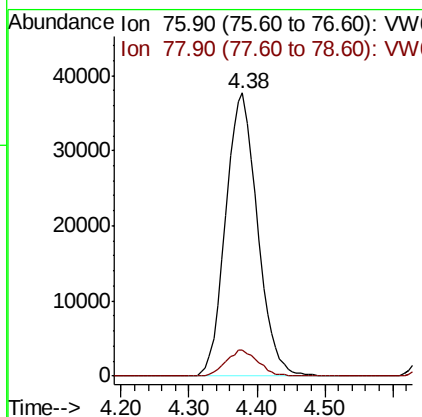
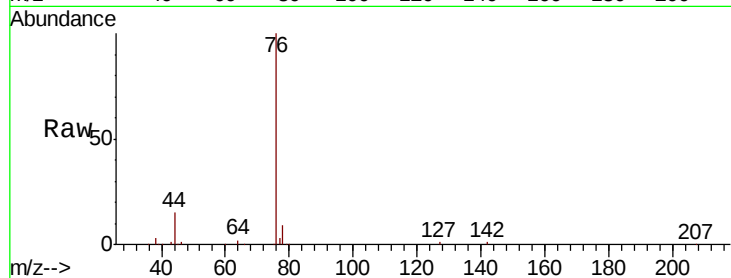
#17
Carbon Disulfide
Concen: 18.086 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

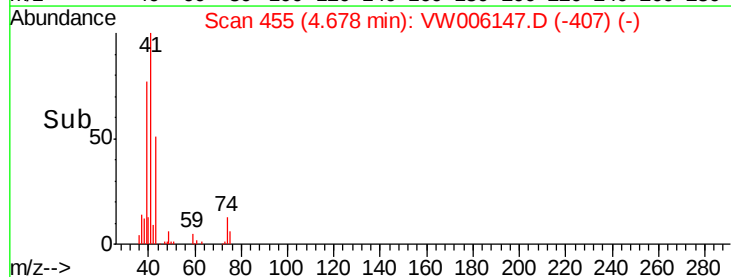
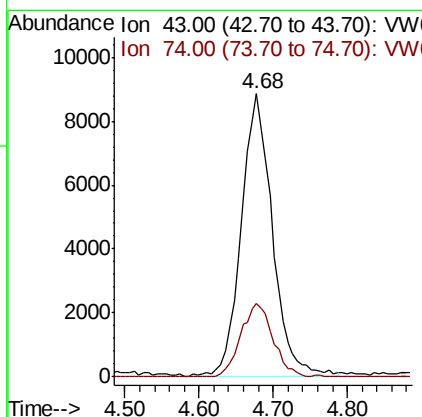
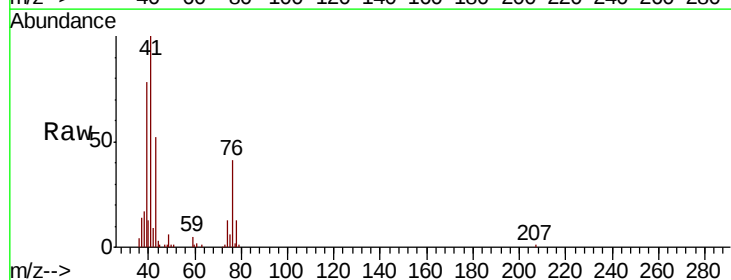
Manual Integrations
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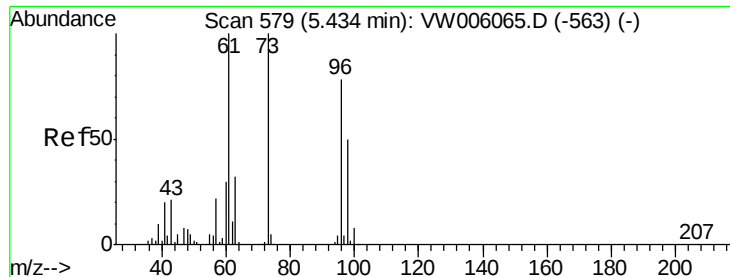
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#18
Methyl Acetate
Concen: 23.340 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.5	30.7





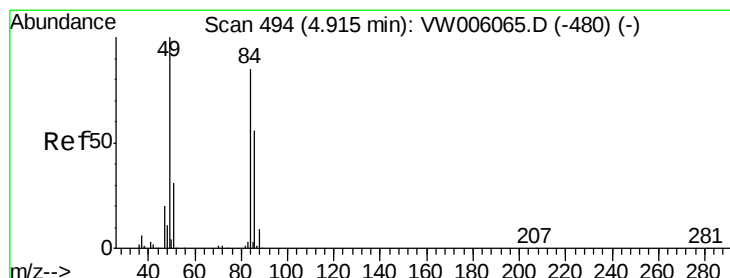
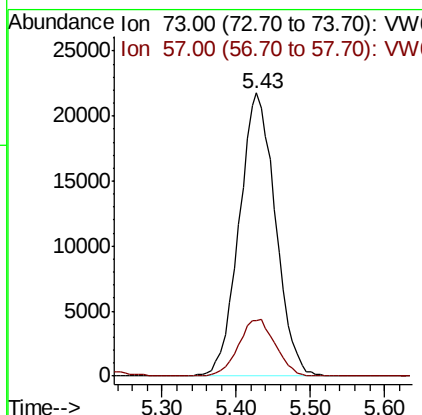
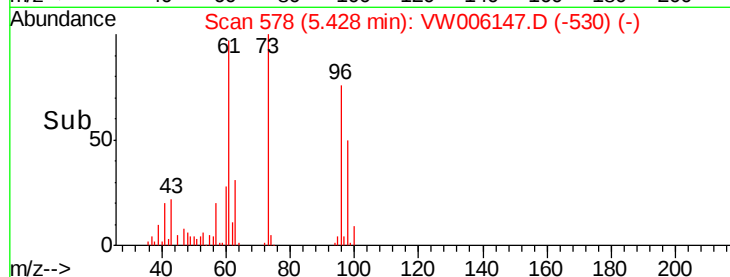
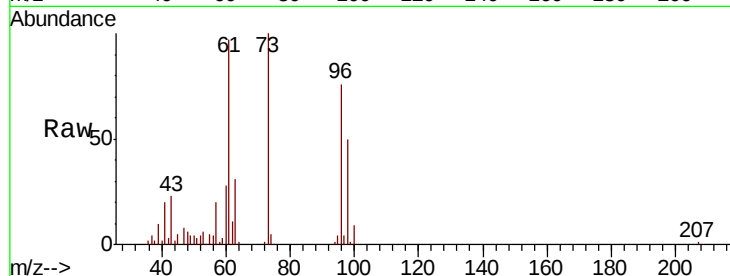
#19
Methyl tert-butyl Ether
Concen: 21.750 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.4	26.2

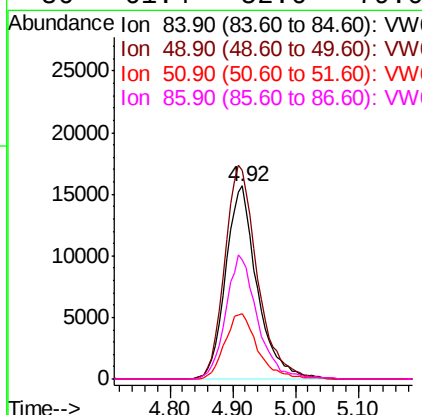
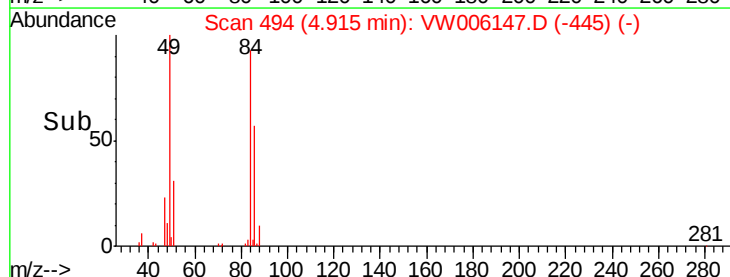
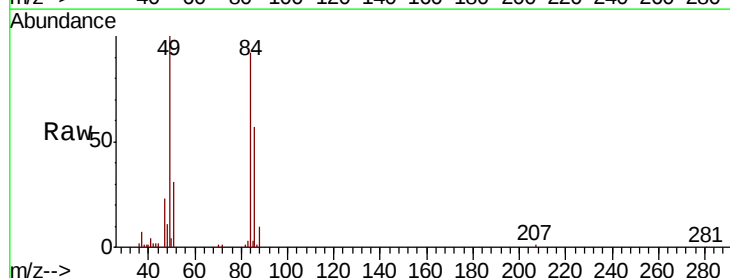
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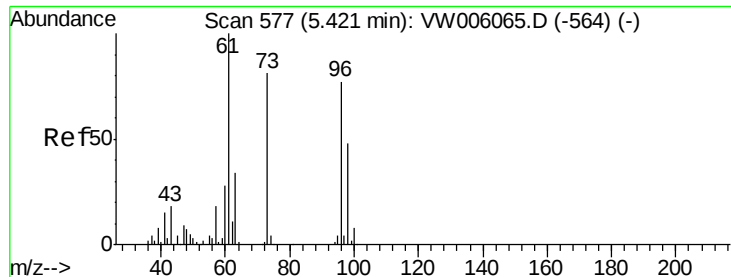
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#20
Methylene Chloride
Concen: 22.180 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	93.6	140.4
51	33.7	29.0	43.4
86	61.4	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 20.921 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

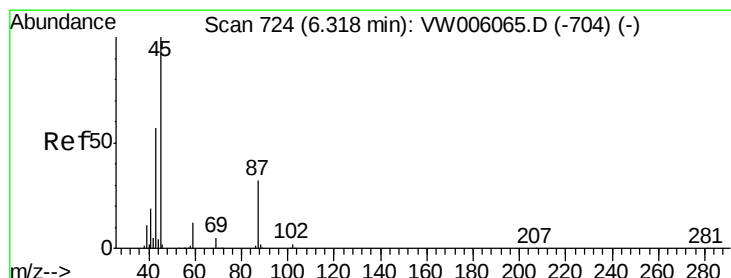
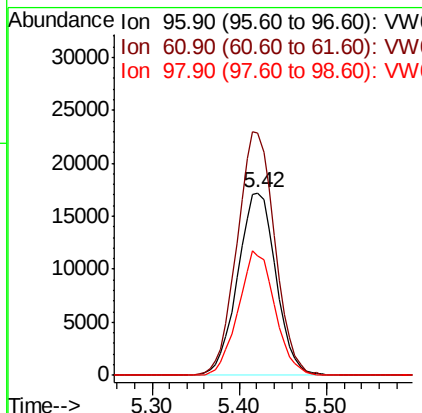
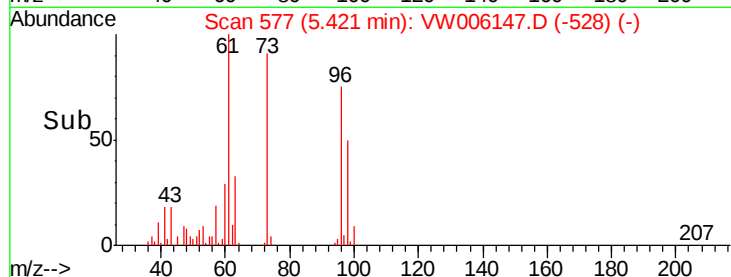
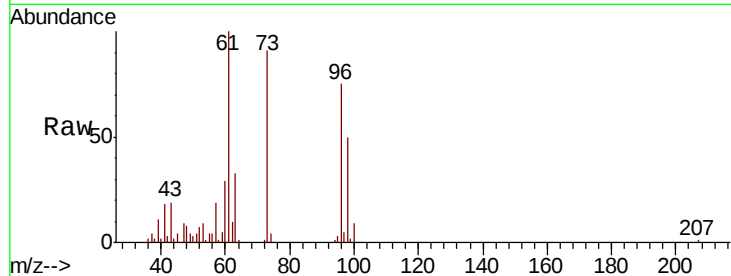
ClientSampleId :

VW1017SBS02

Tot Ion:	96	Resp:	52389
Ion	Ratio	Lower	Upper
96	100		
61	132.6	104.5	156.7
98	65.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.422 ug/l

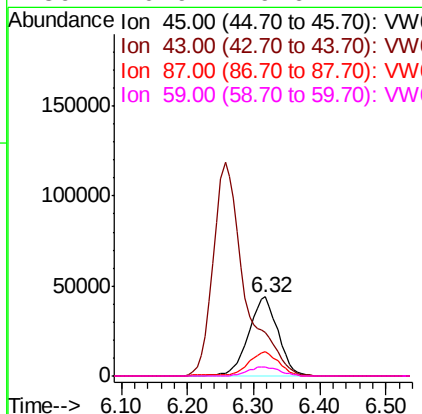
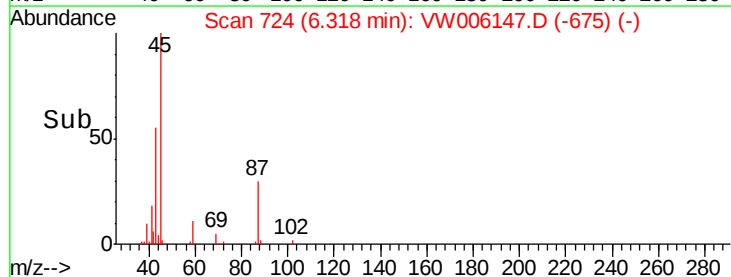
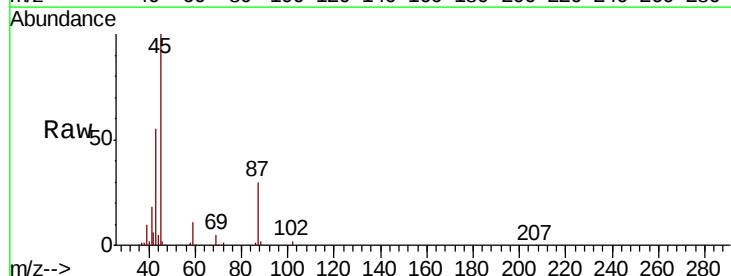
RT: 6.32 min Scan# 724

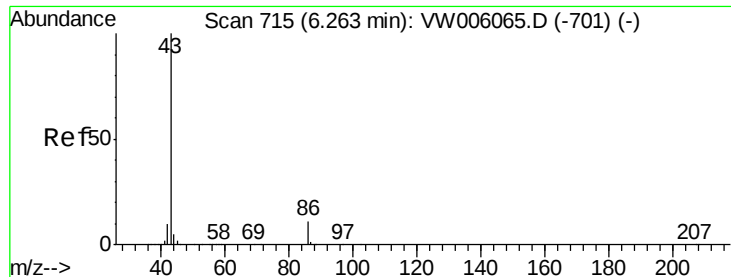
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	45	Resp:	135798
Ion	Ratio	Lower	Upper
45	100		
43	54.7	45.7	68.5
87	30.4	25.9	38.9
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 104.620 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 391384

Ion Ratio Lower Upper

43 100

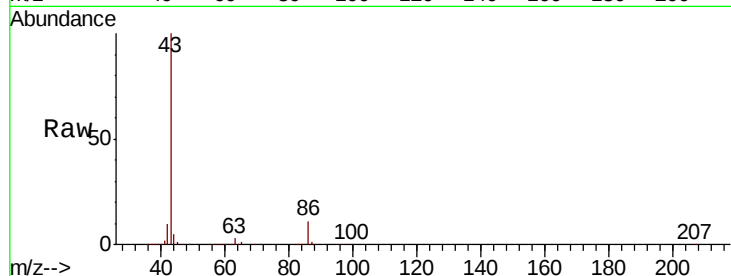
86 11.3 9.0 13.6

Manual Integrations

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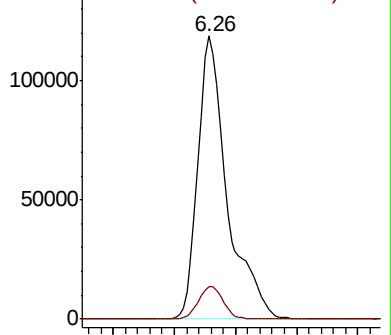
apatel

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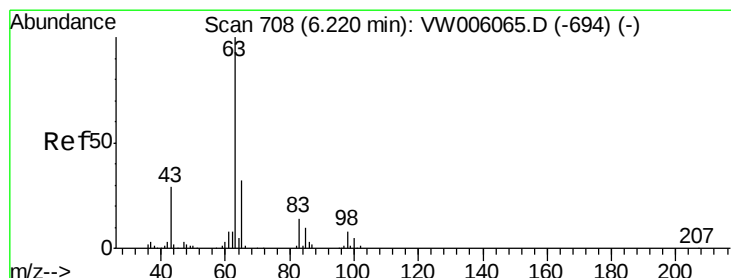
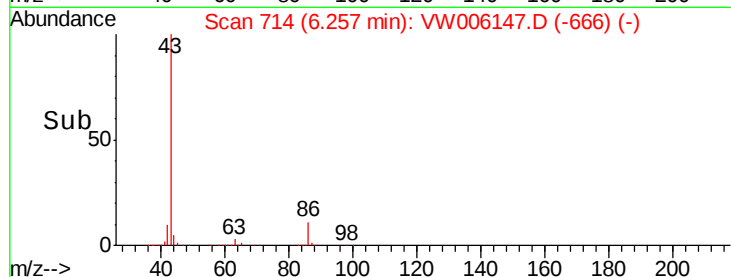


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 21.413 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

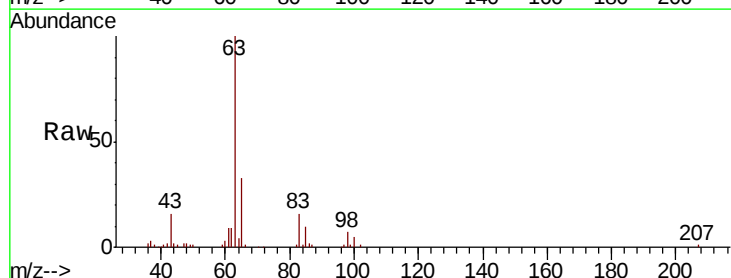
Tgt Ion: 63 Resp: 87585

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

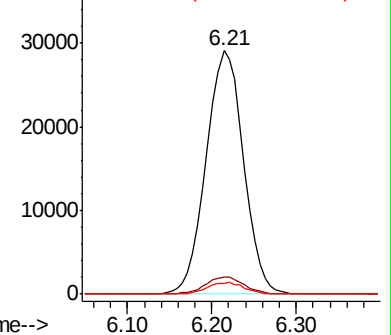
100 4.5 2.5 7.5



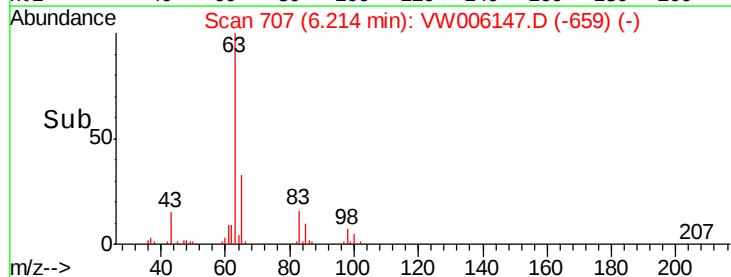
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 109.682 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 65959

Ion Ratio Lower Upper

43 100

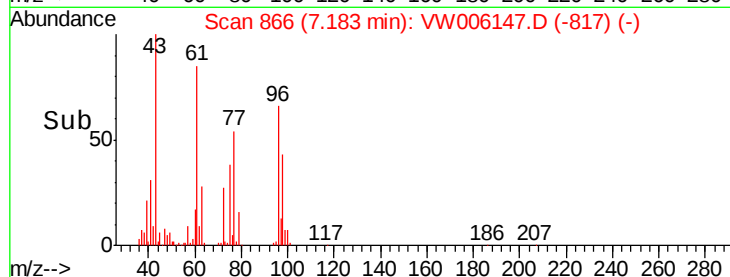
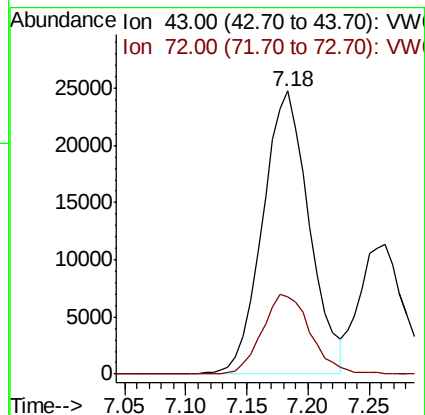
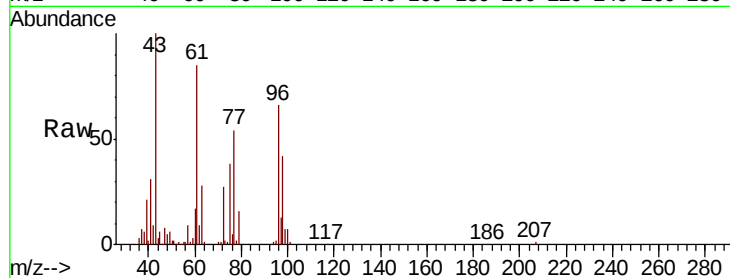
72 27.2 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.490 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006147.D

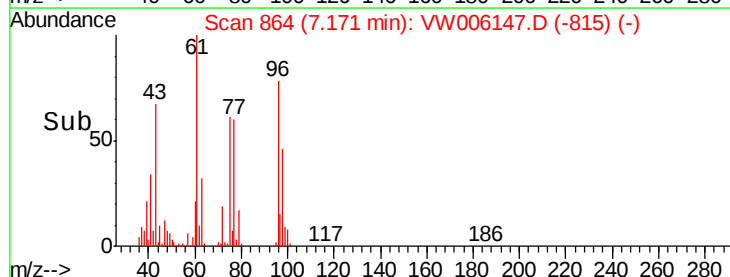
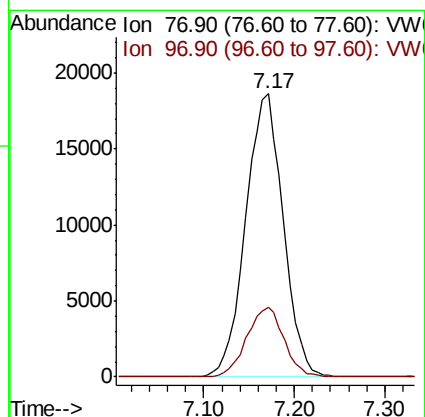
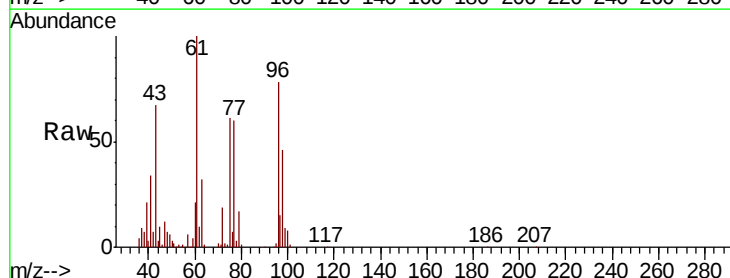
Acq: 18 Oct 2018 02:21

Tgt Ion: 77 Resp: 53342

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

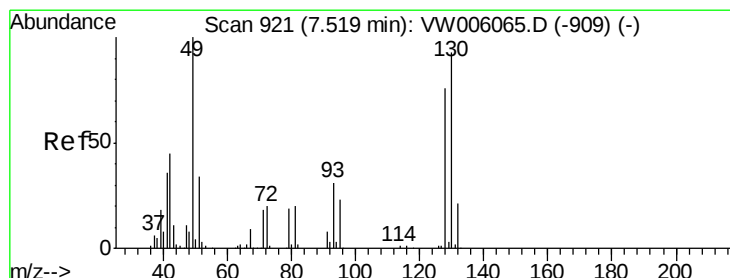
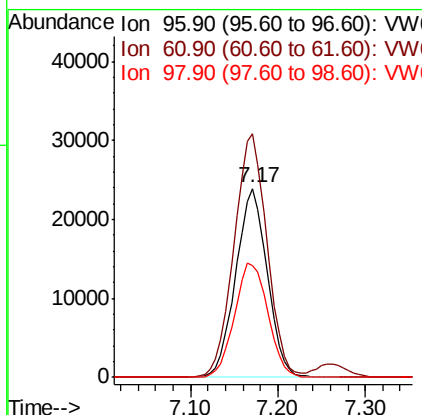
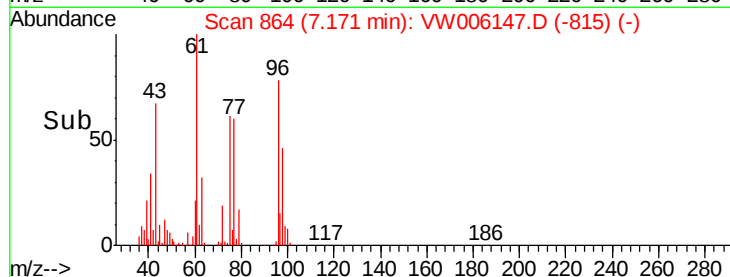
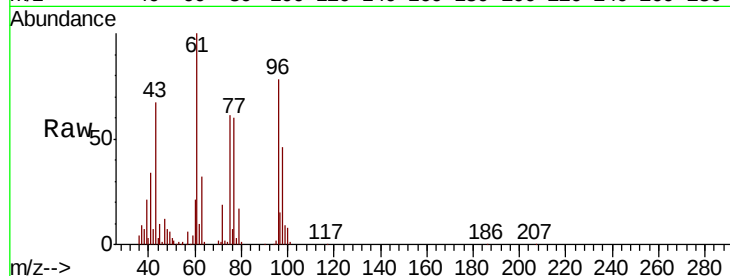
cis-1,2-Dichloroethene
Concen: 21.679 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	267.2
98	64.1	0.0	128.6

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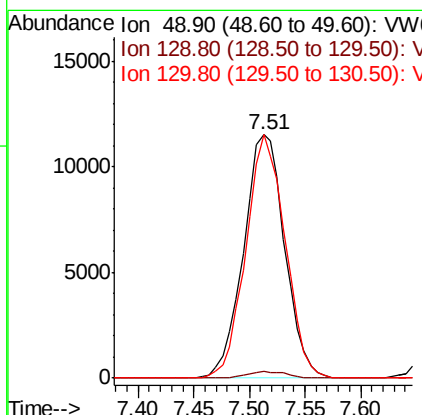
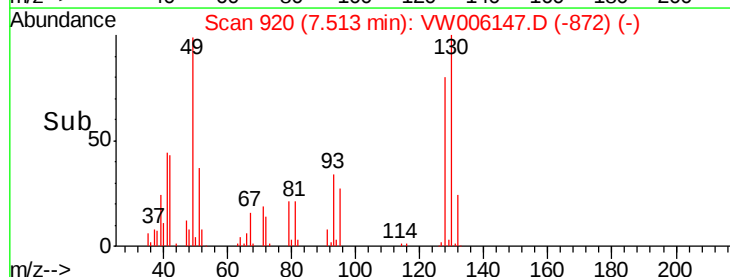
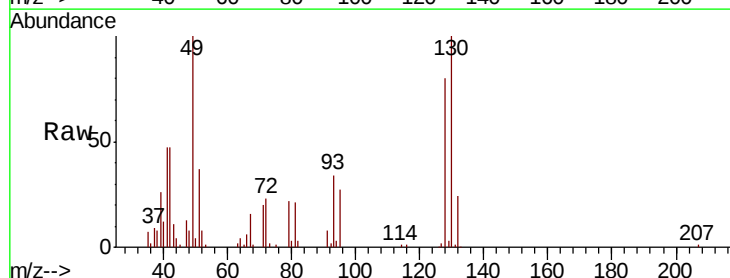
apatel
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#28

Bromochloromethane
Concen: 18.731 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	95.2	73.8	110.8





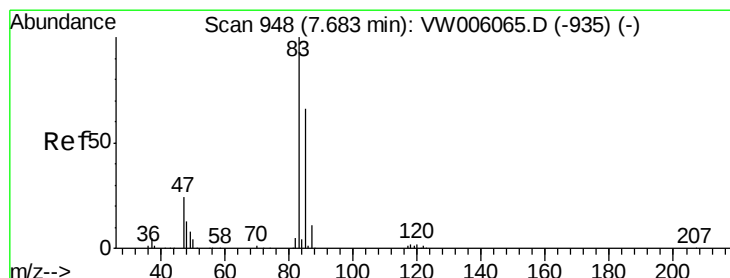
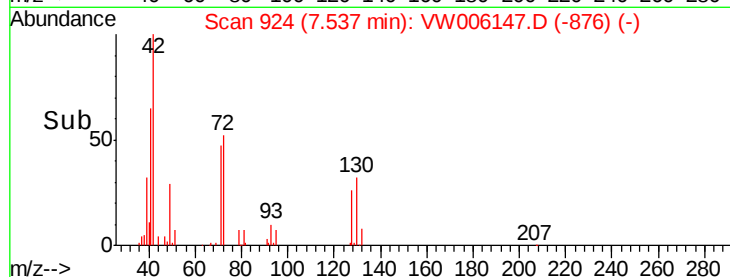
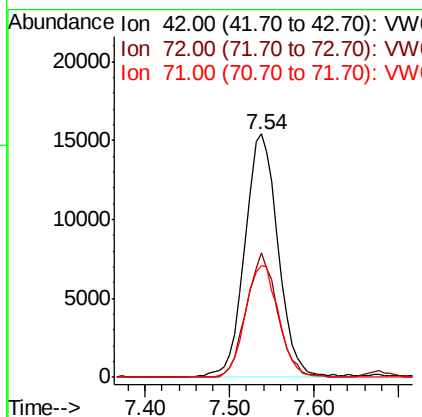
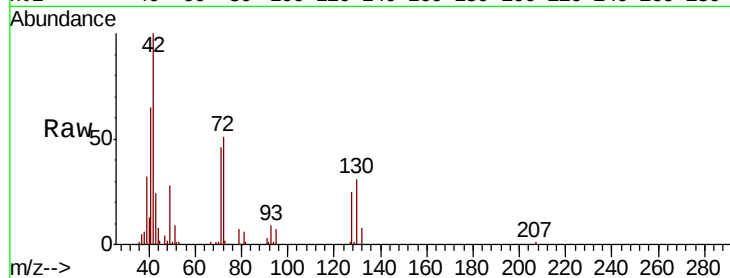
#29
Tetrahydrofuran
Concen: 111.639 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	38.0	57.0
71	46.1	35.3	52.9

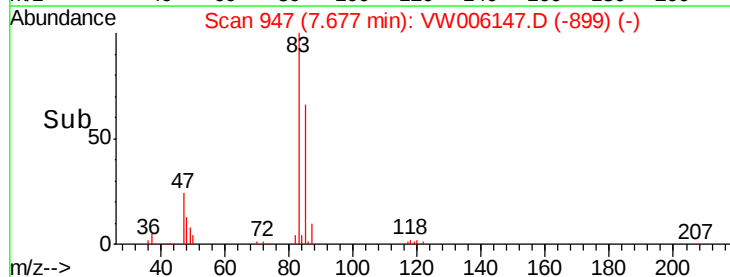
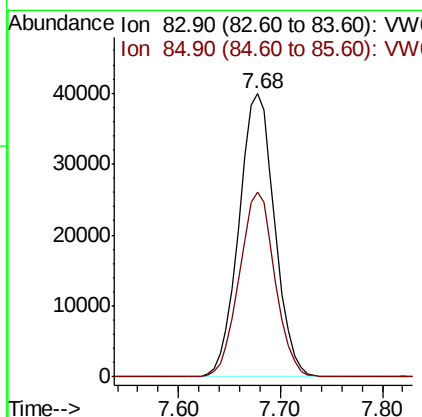
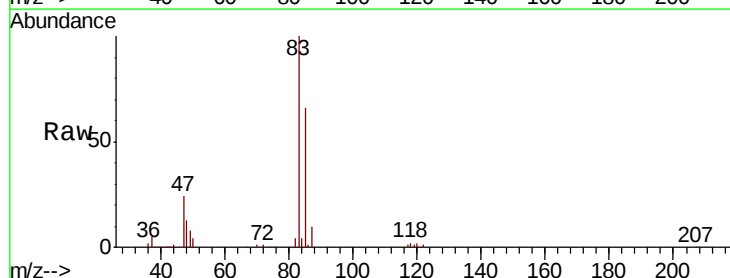
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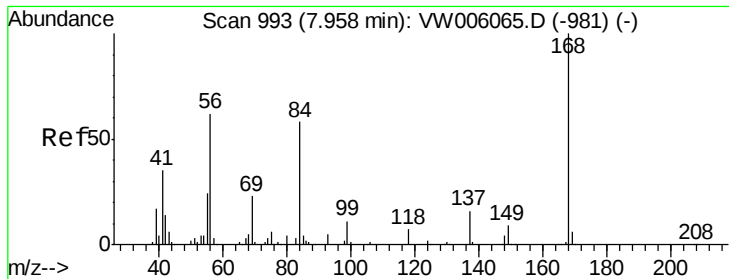
apatel
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#30
Chloroform
Concen: 21.736 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.6	79.0





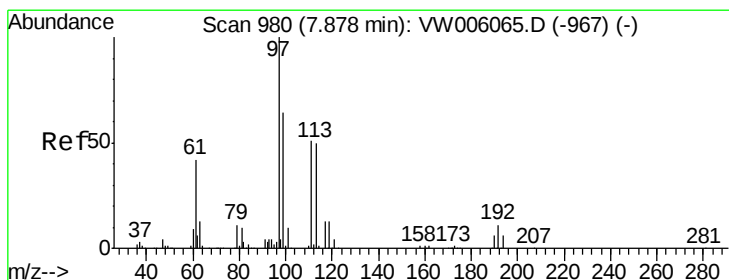
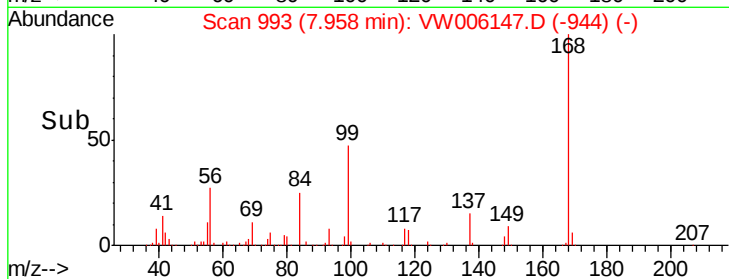
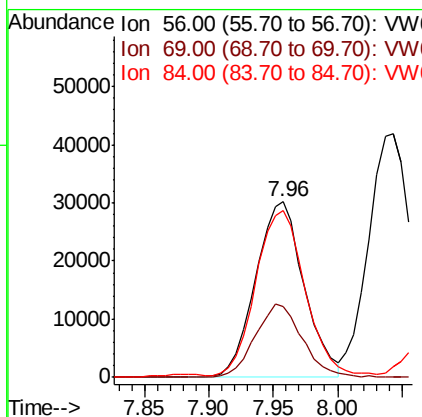
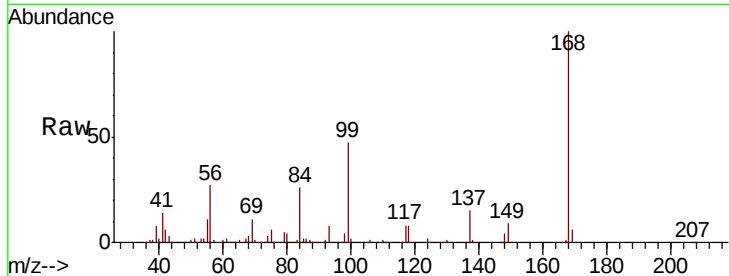
#31
Cyclohexane
Concen: 19.310 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.2	29.4	44.0
84	93.9	74.0	111.0

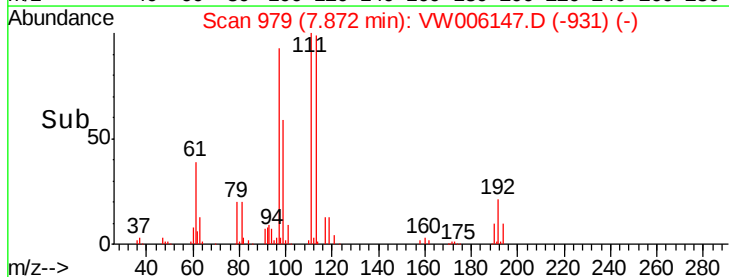
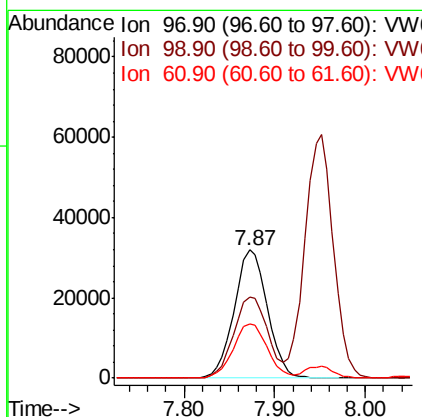
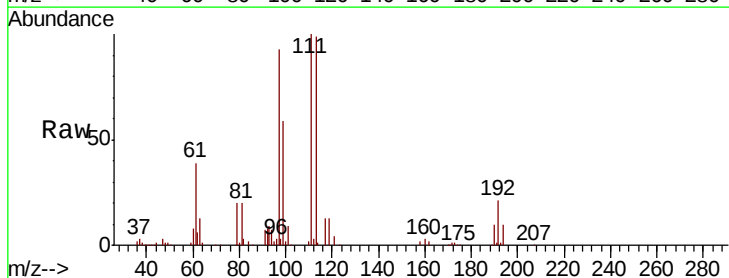
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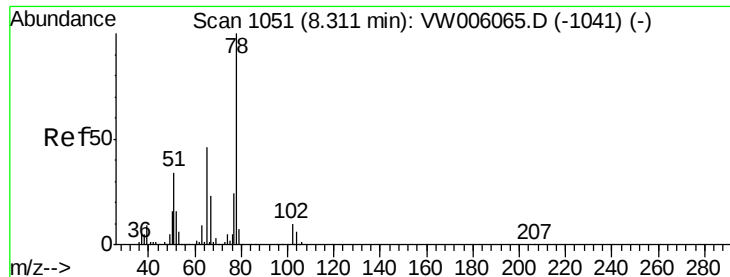
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#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	43.6	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 52.091 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 65 Resp: 115957

Ion Ratio Lower Upper

65 100

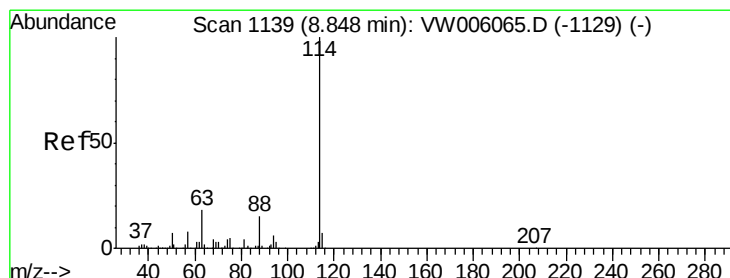
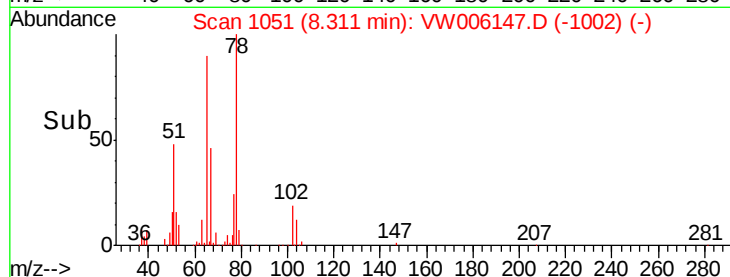
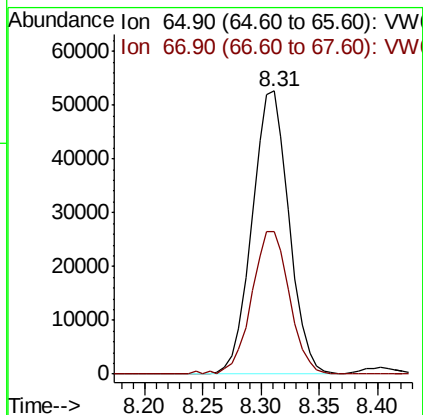
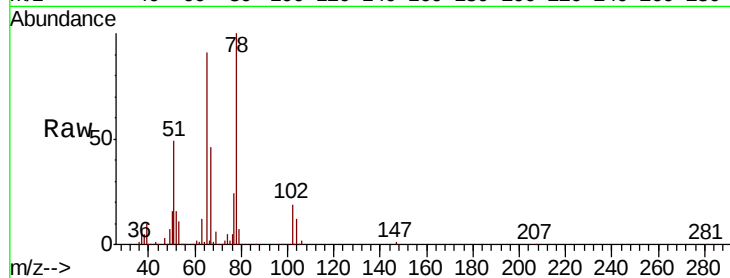
67 51.7 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

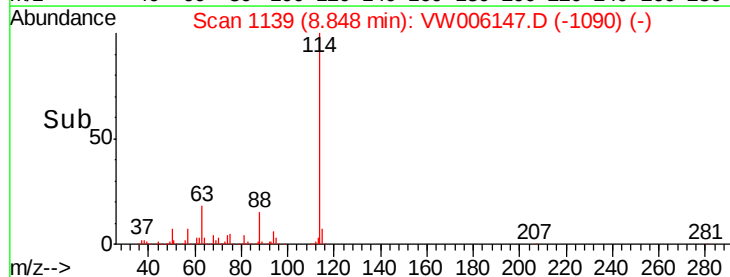
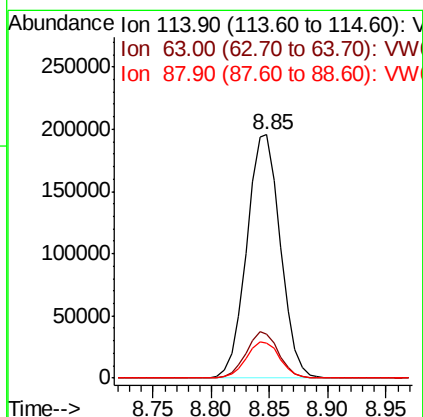
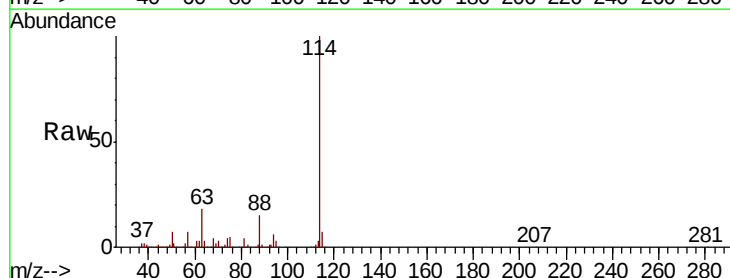
Tgt Ion: 114 Resp: 394829

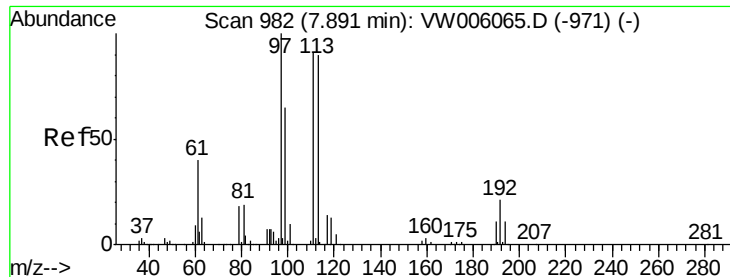
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.187 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

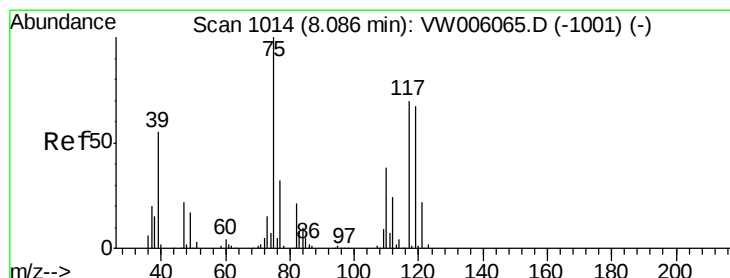
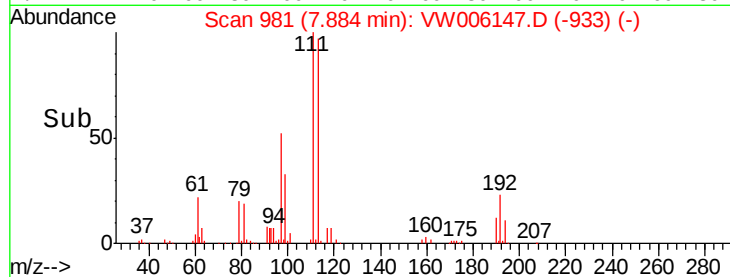
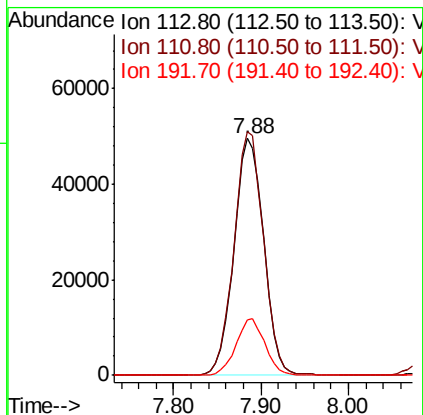
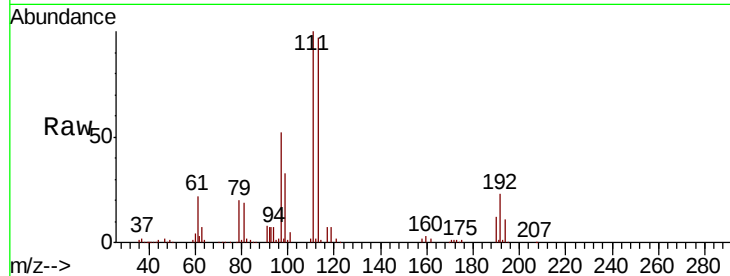
ClientSampleId :

VW1017SBS02

Tot Ion:	113	Resp:	117087
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	23.0	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 20.482 ug/l

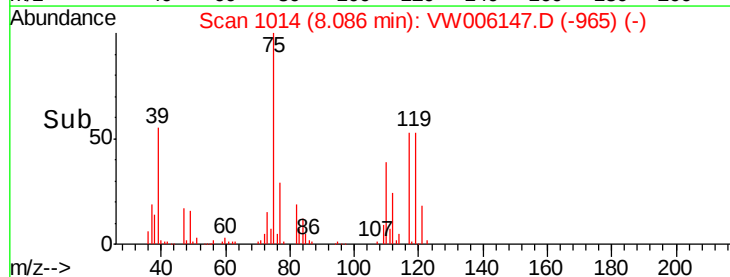
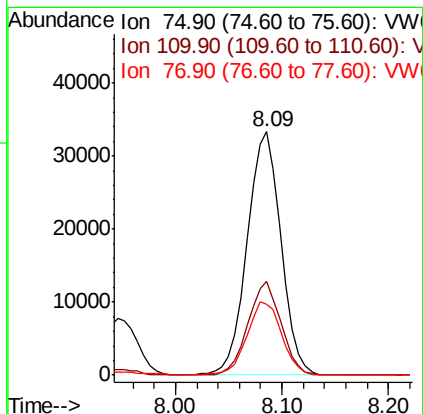
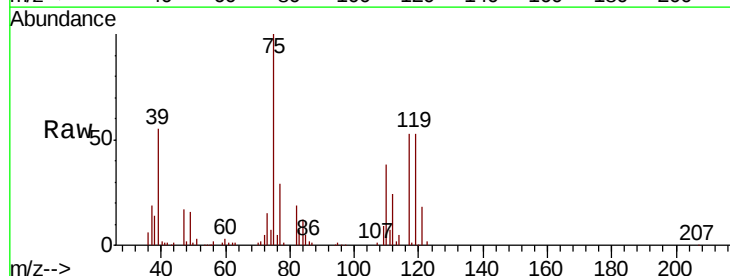
RT: 8.09 min Scan# 1014

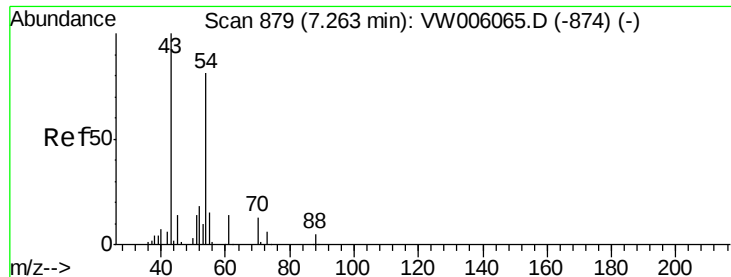
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	75	Resp:	74538
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.1	57.1
77	31.1	25.0	37.4





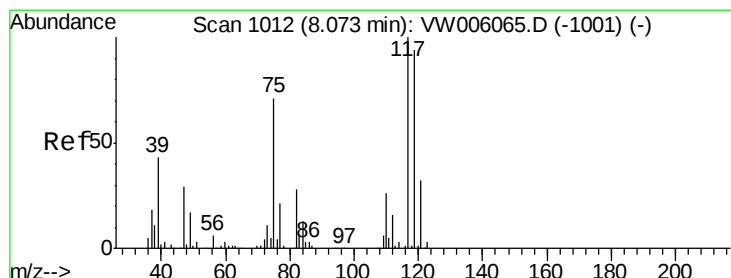
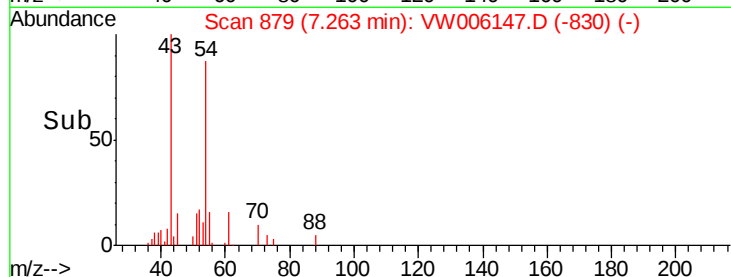
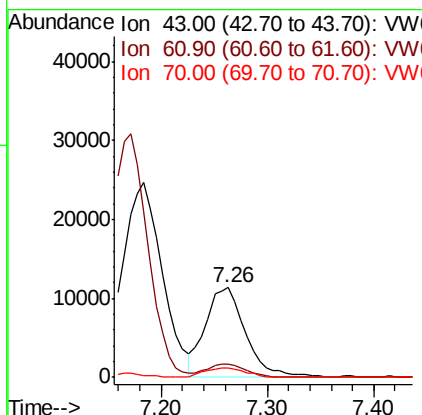
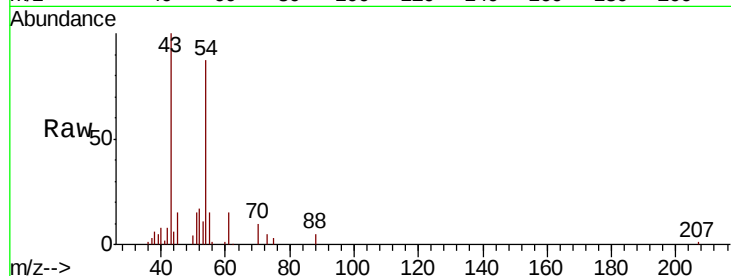
#37
Ethyl Acetate
Concen: 21.572 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	10.9	9.2	13.8

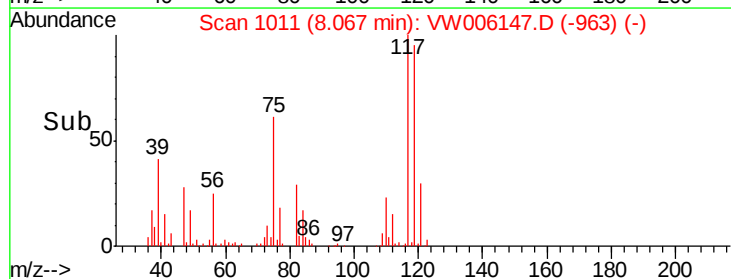
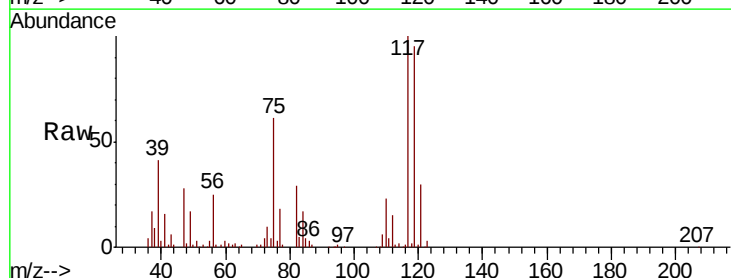
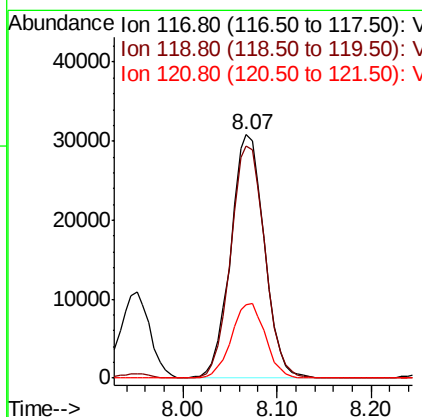
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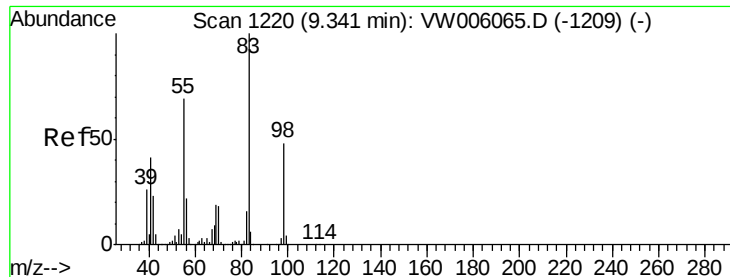
apatel
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#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.2	112.8
121	30.1	25.3	37.9





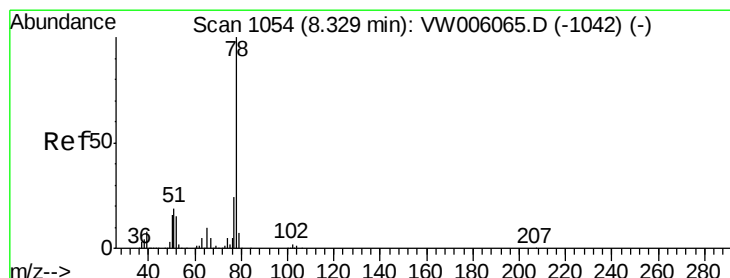
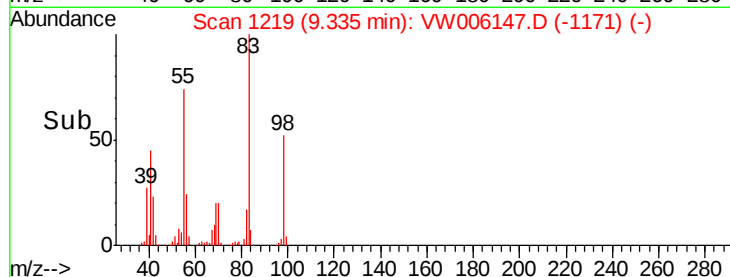
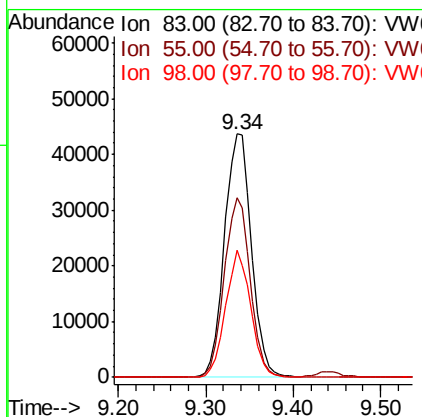
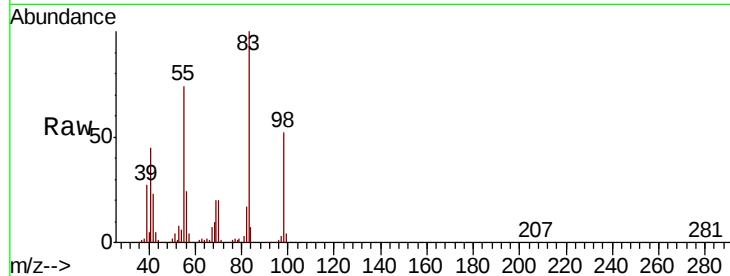
#39
Methvlcvclohexane
Concen: 19.369 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tot Ion	83	Resp	93700
Ion Ratio	Lower	Upper	
83	100		
55	73.7	55.0	82.6
98	52.2	38.6	57.8

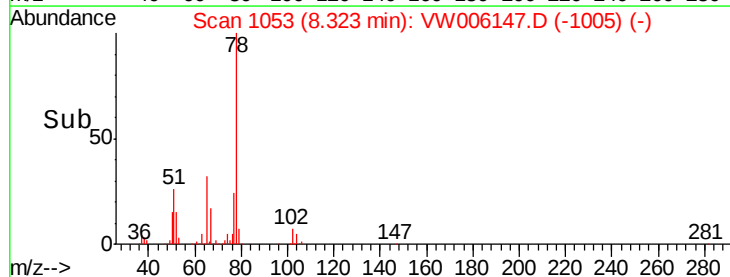
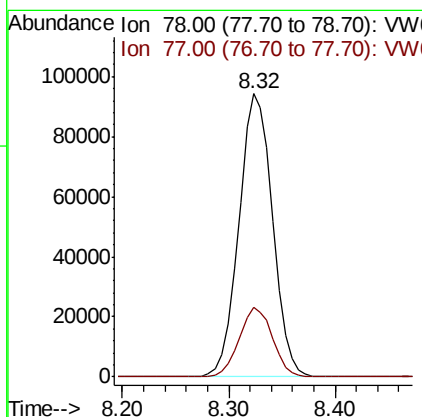
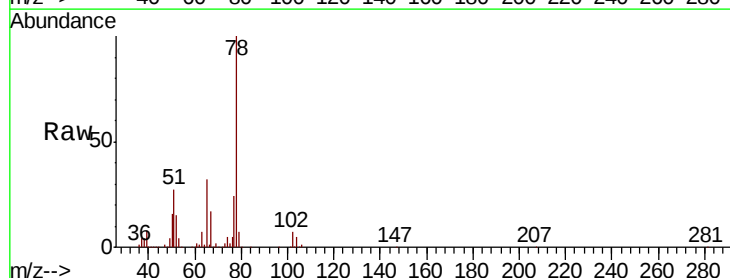
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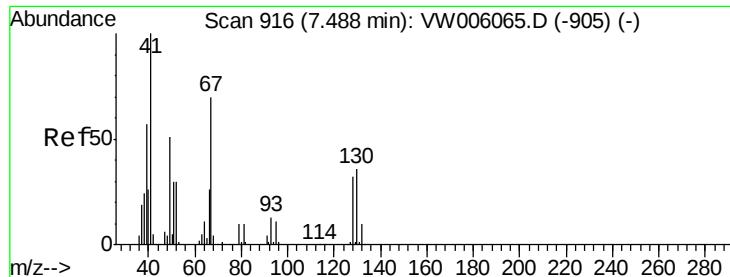
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#40
Benzene
Concen: 20.911 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	78	Resp	208743
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.4	29.0





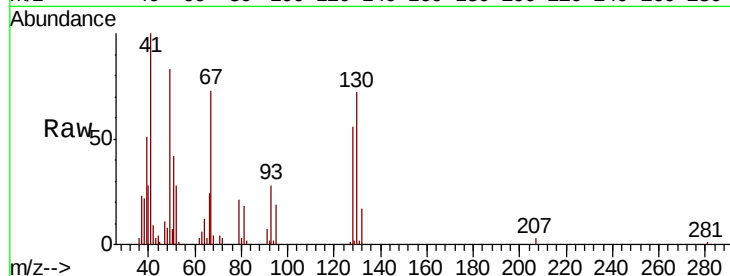
#41
Methacrylonitrile
Concen: 20.422 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

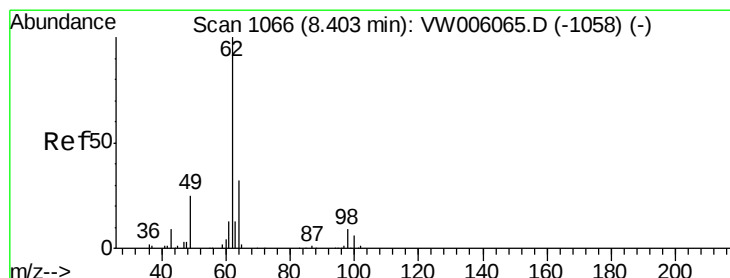
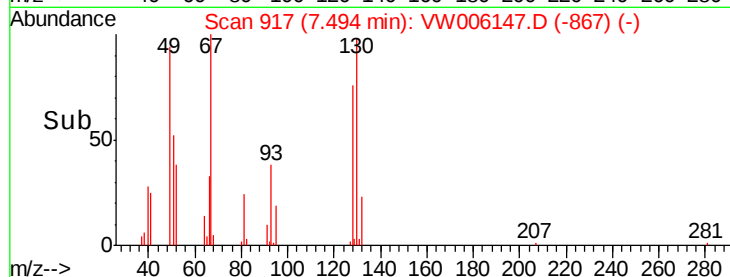
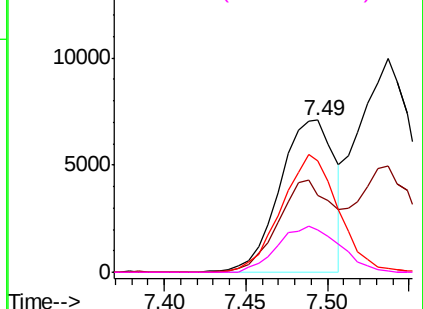
Tot Ion:	41	Resp:	16646
Ion	Ratio	Lower	Upper
41	100		
39	59.1	46.2	69.4
67	80.2	57.7	86.5
52	33.8	24.7	37.1

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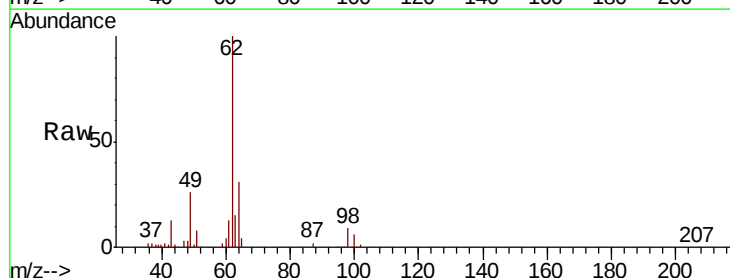


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

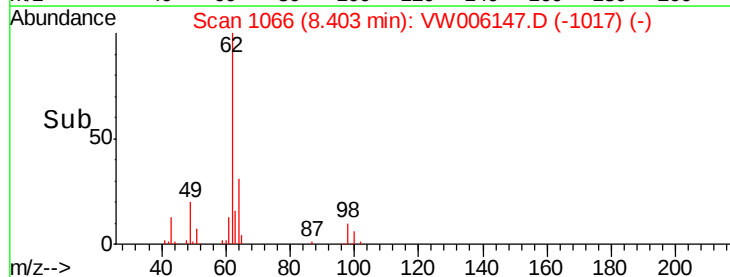
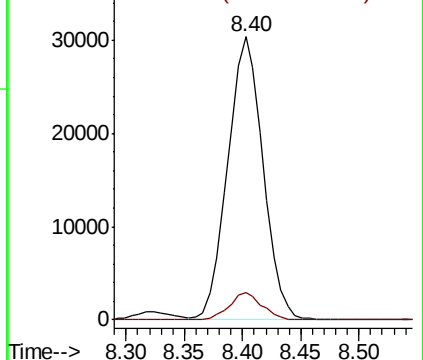


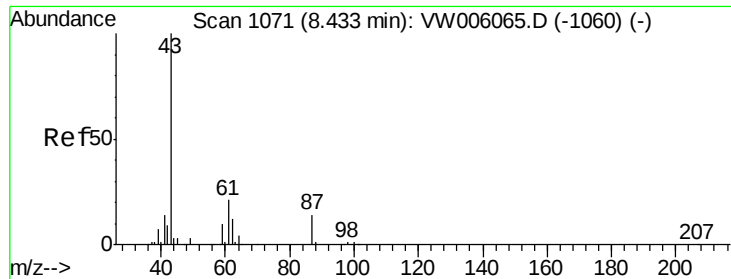
#42
1,2-Dichloroethane
Concen: 21.873 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion:	62	Resp:	64151
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4



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





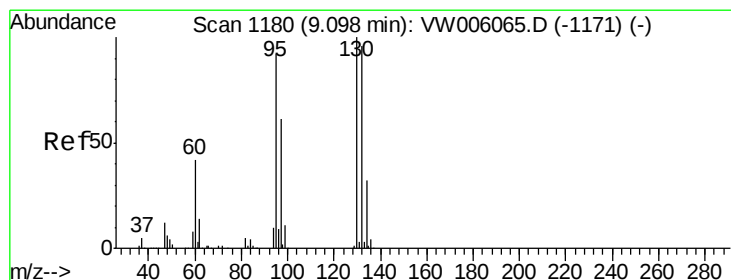
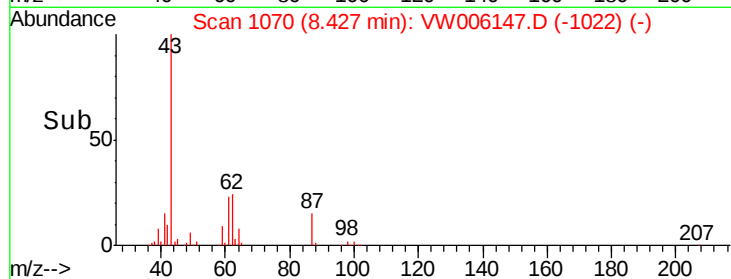
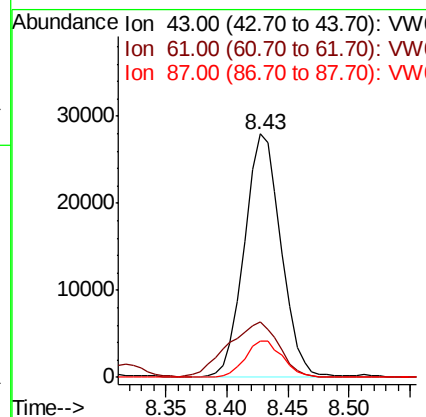
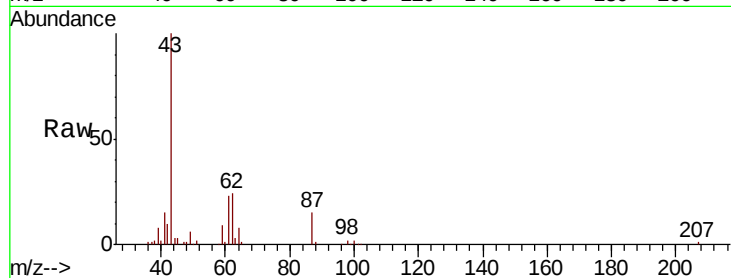
#43
Isopropyl Acetate
Concen: 21.163 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.5	38.3
87	15.1	11.7	17.5

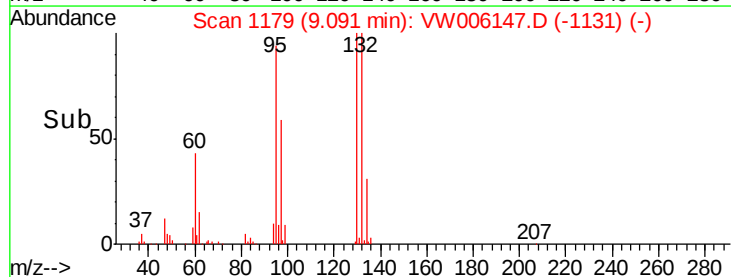
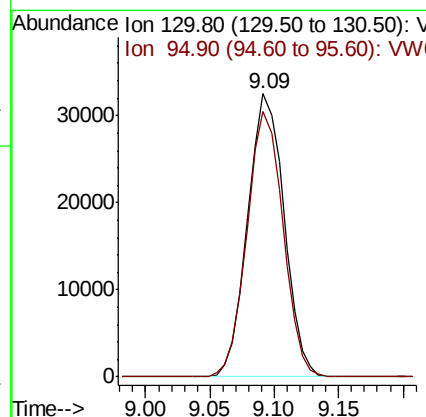
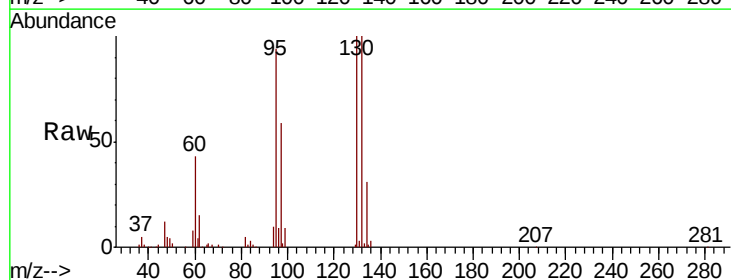
Manual Integrations
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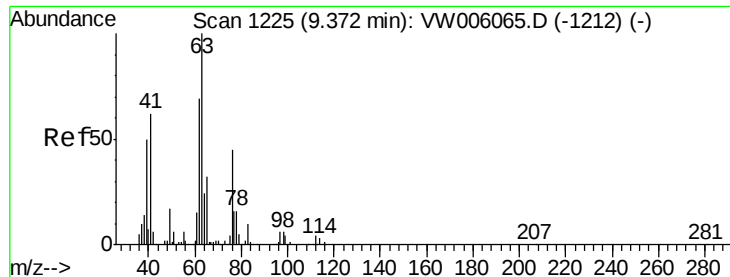
apatel
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#44
Trichloroethene
Concen: 20.800 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	183.2





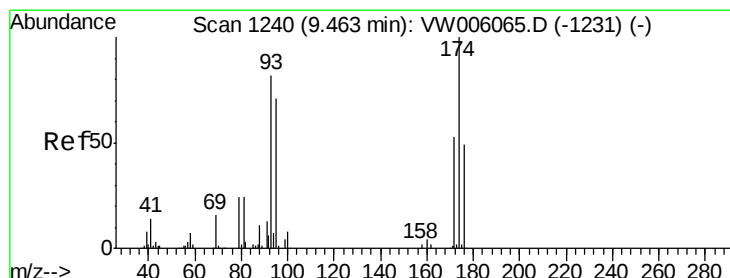
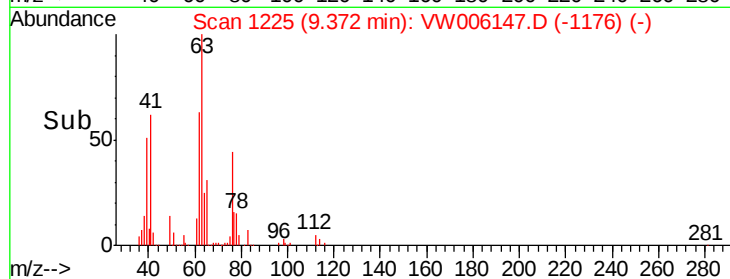
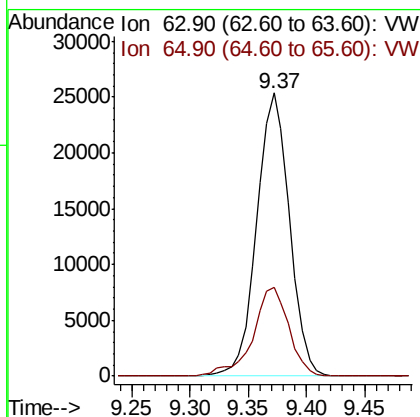
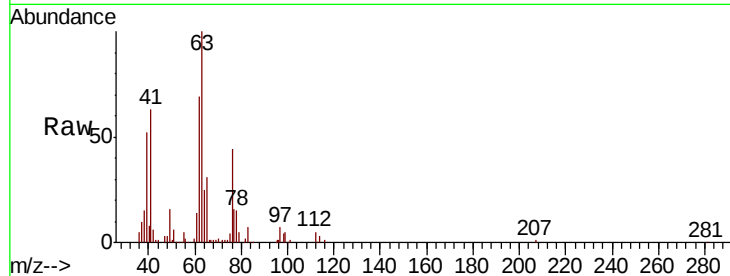
#45
 1,2-Dichloropropane
 Concen: 20.810 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.4	38.0

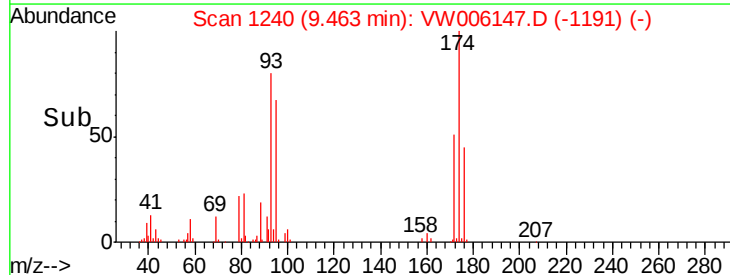
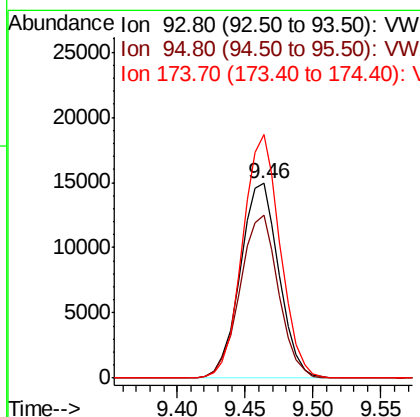
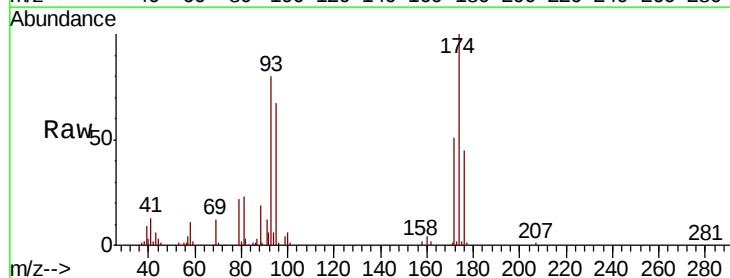
Manual Integrations
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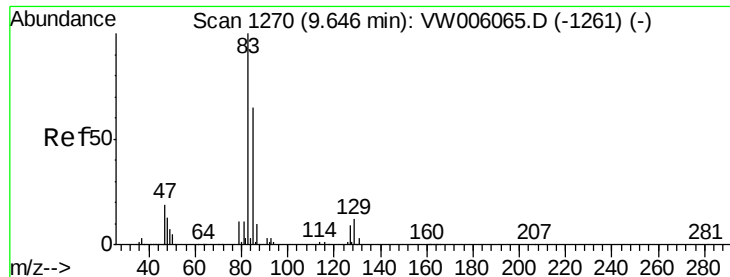
apatel
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#46
 Dibromomethane
 Concen: 21.820 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.7	101.5
174	120.9	93.7	140.5





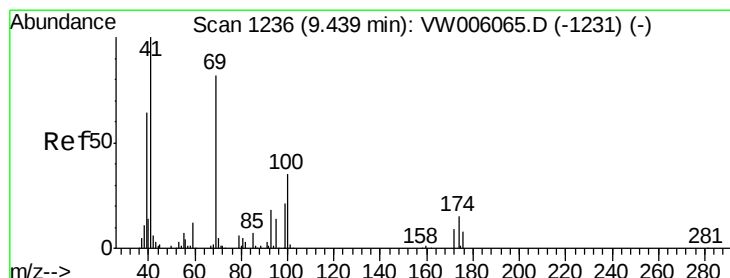
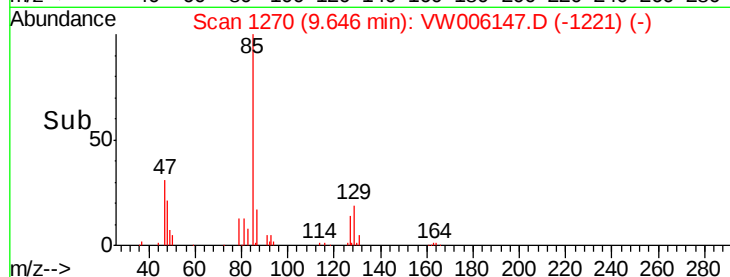
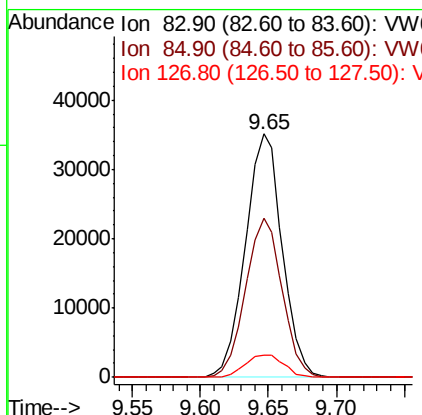
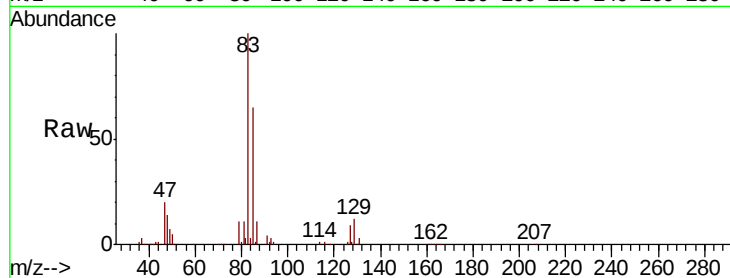
#47
Bromodichloromethane
Concen: 20.109 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	66377		
85	65.3		51.8	77.8
127	9.1		6.9	10.3

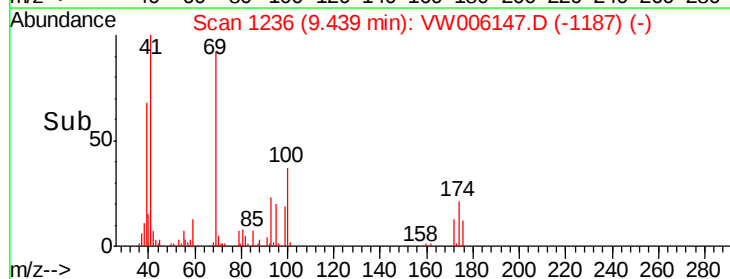
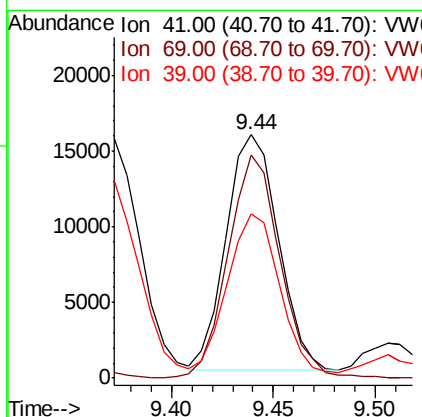
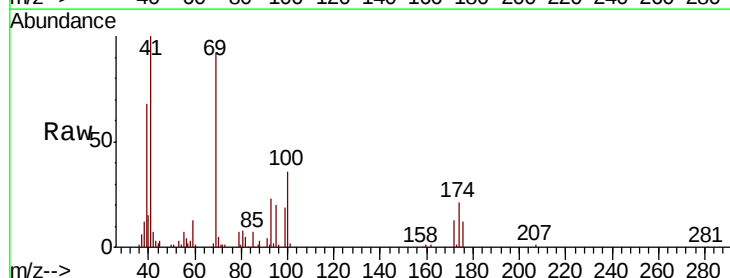
Manual Integrations
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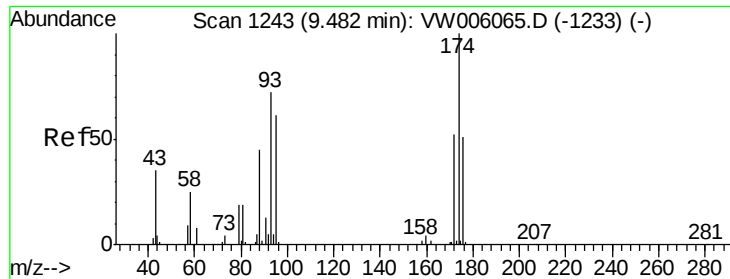
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#48
Methyl methacrylate
Concen: 21.115 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	27670		
69	95.0		71.8	107.8
39	66.2		52.5	78.7





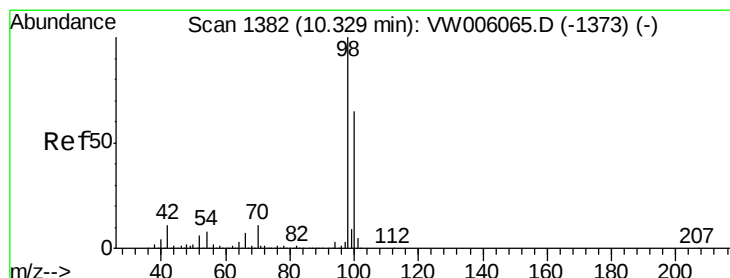
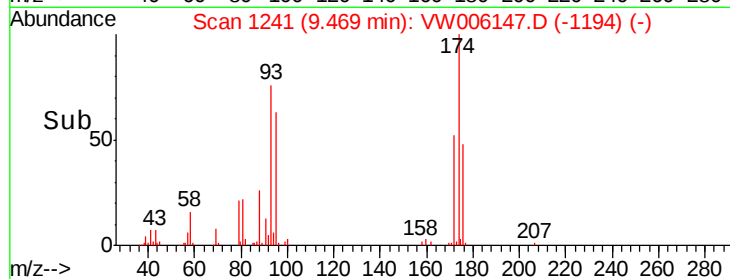
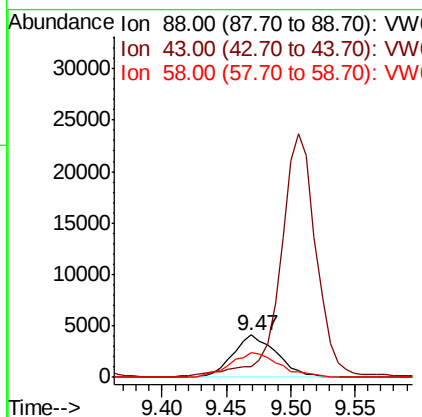
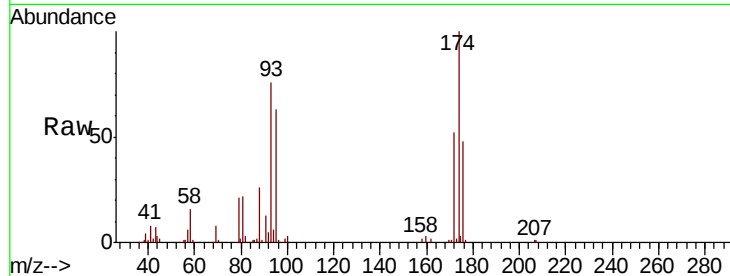
#49
1,4-Dioxane
Concen: 464.368 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	88	Resp	9733
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.5	51.2	76.8

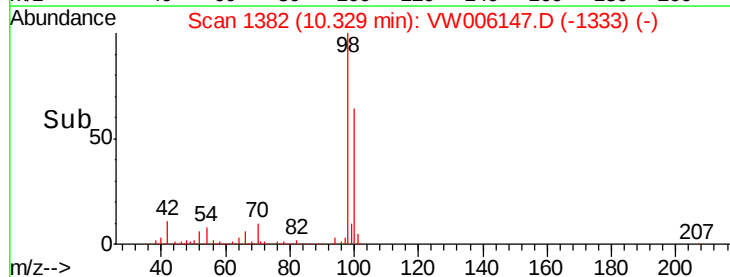
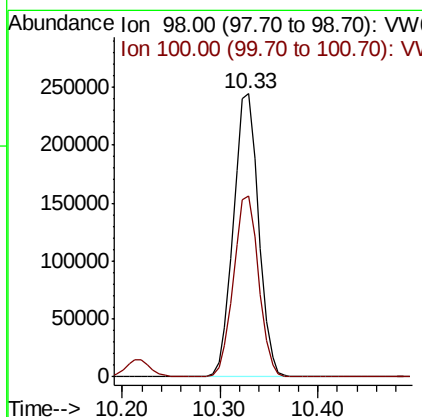
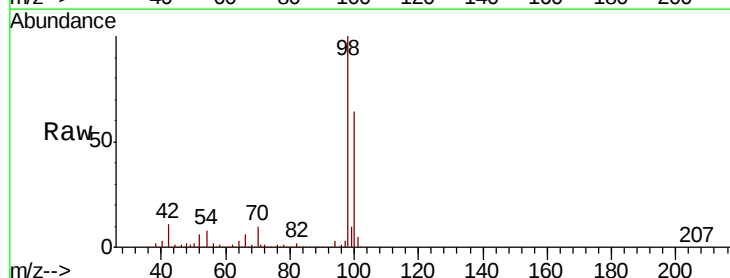
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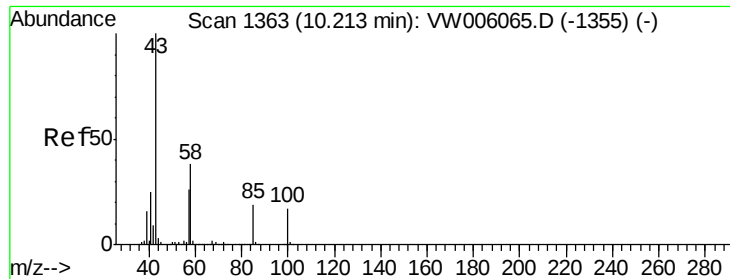
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#50
Toluene-d8
Concen: 49.262 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	98	Resp	437250
Ion Ratio	100	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 109.557 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 151754

Ion Ratio Lower Upper

43 100

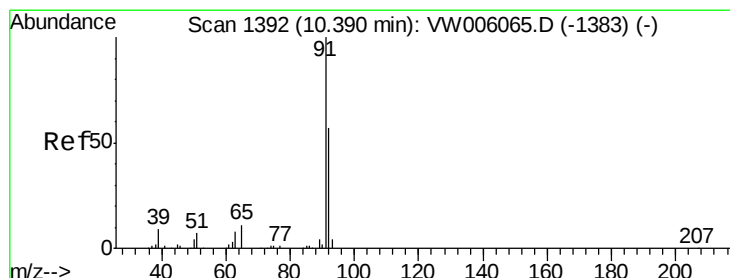
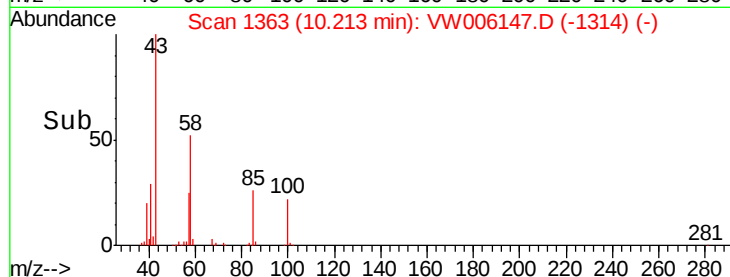
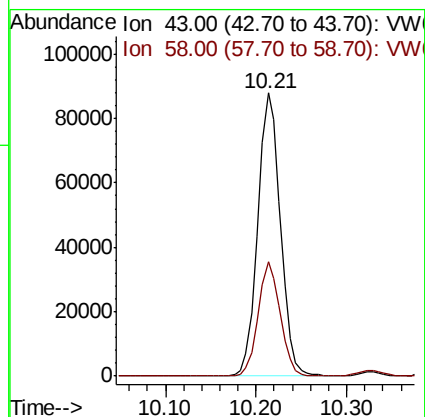
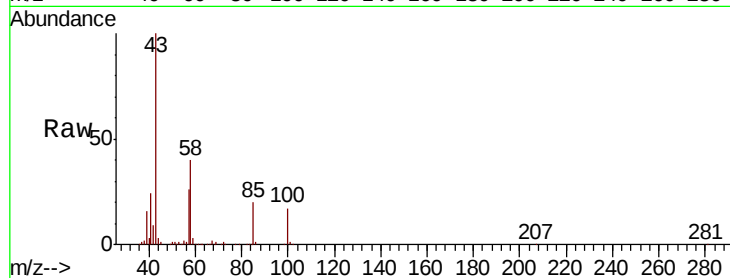
58 39.3 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 21.058 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006147.D

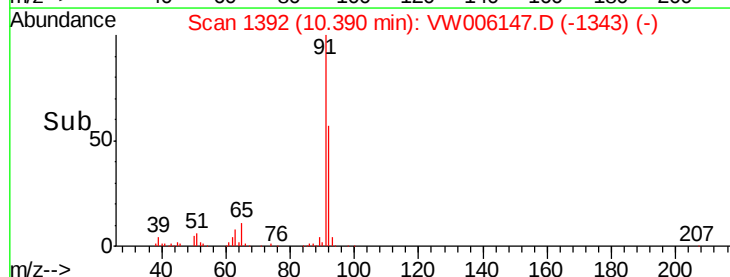
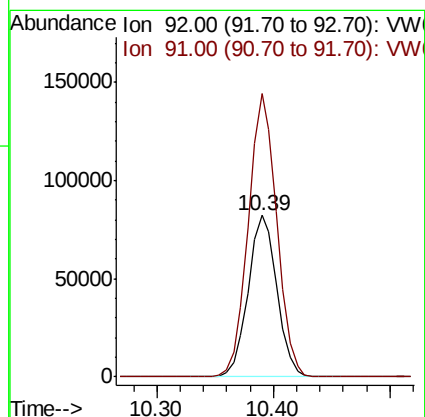
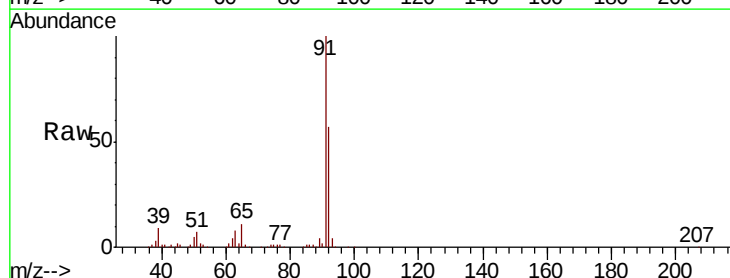
Acq: 18 Oct 2018 02:21

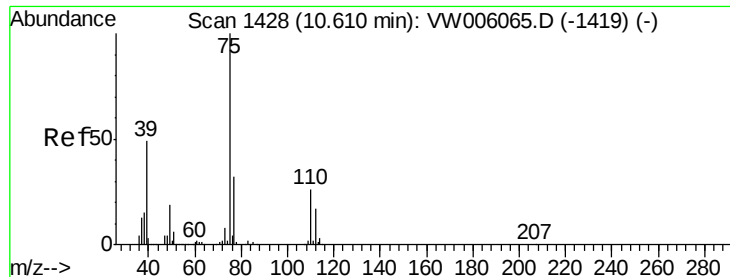
Tgt Ion: 92 Resp: 140935

Ion Ratio Lower Upper

92 100

91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.322 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

Tot Ion: 75 Resp: 63546

Ion Ratio Lower Upper

75 100

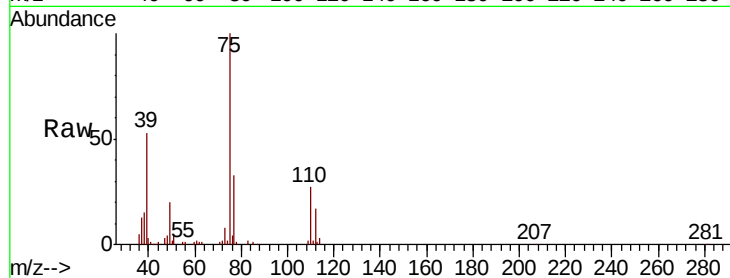
77 32.6 25.4 38.2

Manual Integrations

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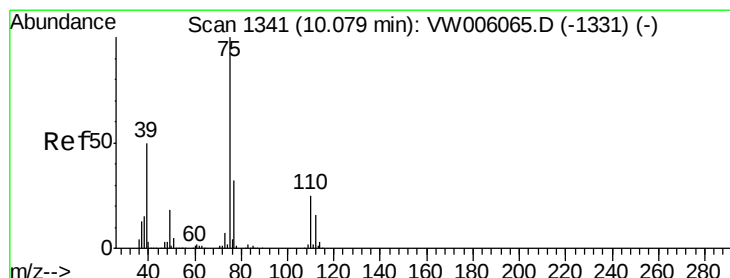
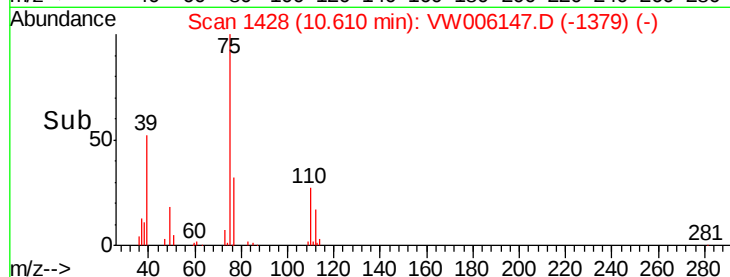
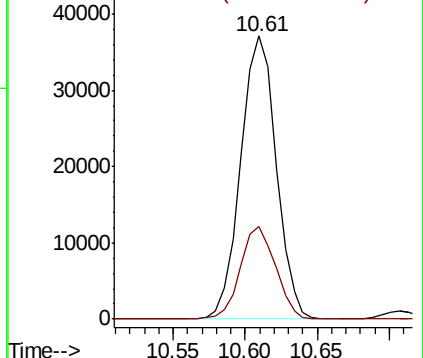
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.611 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

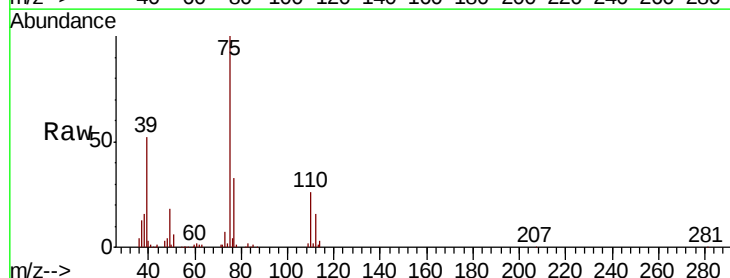
Tgt Ion: 75 Resp: 74020

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

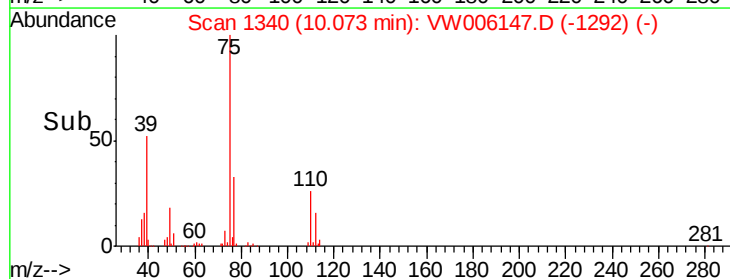
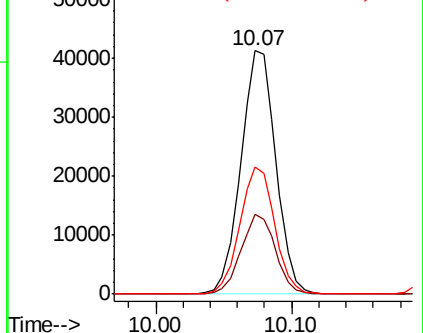
39 52.0 39.9 59.9

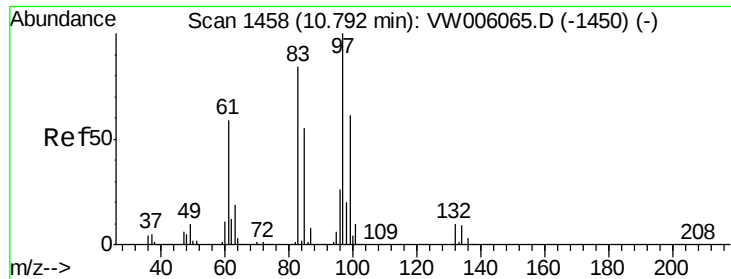


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 21.740 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

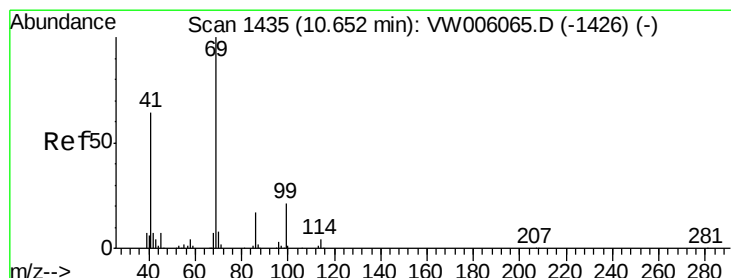
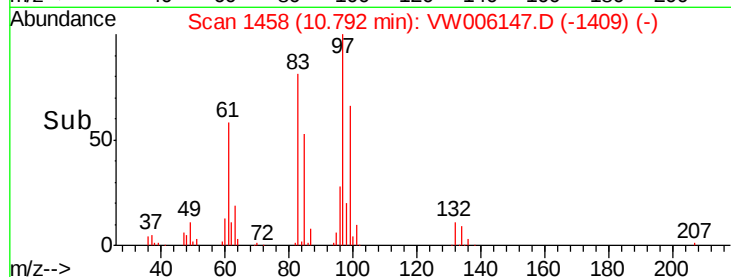
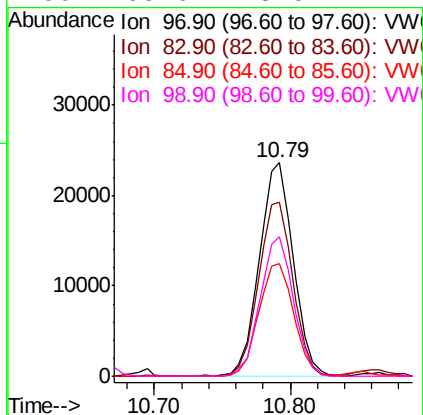
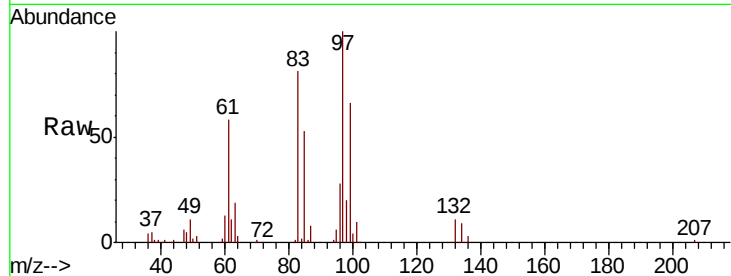
ClientSampleId :

VW1017SBSD02

Tot Ion:	97	Resp:	41420
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.2	100.8
85	52.7	43.7	65.5
99	65.6	48.5	72.7

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#56

Ethyl methacrylate

Concen: 21.411 ug/l

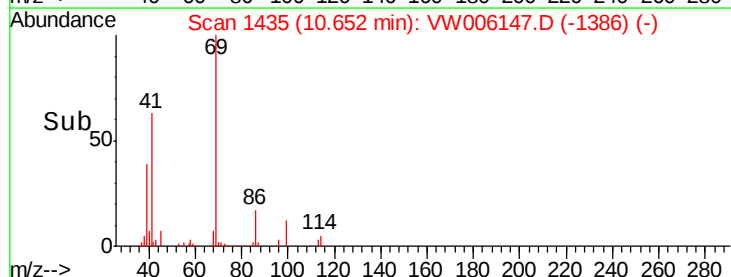
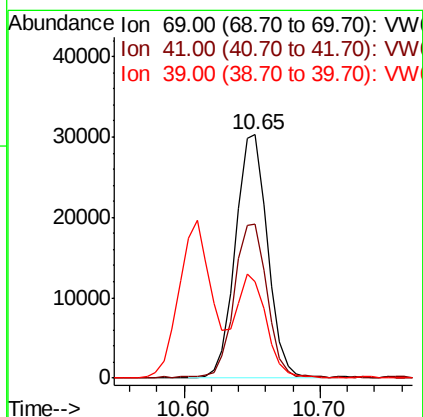
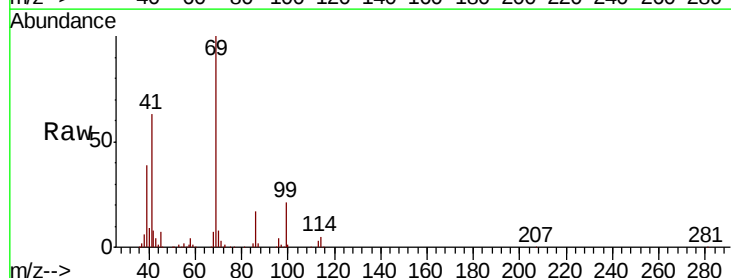
RT: 10.65 min Scan# 1435

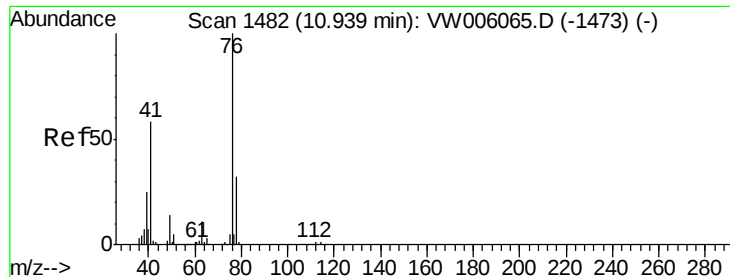
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	69	Resp:	50010
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.8	79.2
39	41.1	30.6	45.8





#57

1,3-Dichloropropane

Concen: 21.690 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 76 Resp: 68409

Ion Ratio Lower Upper

76 100

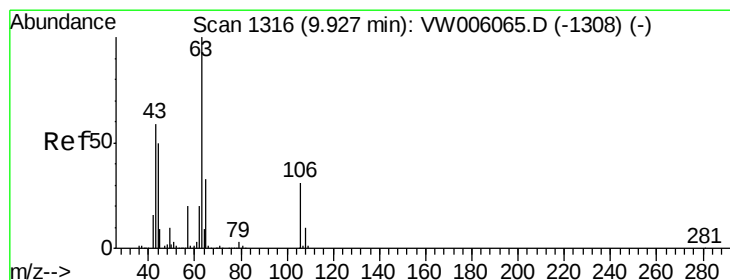
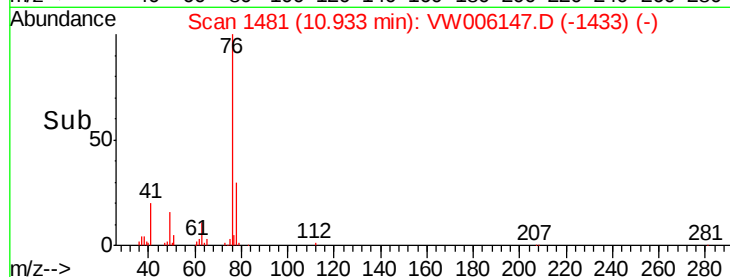
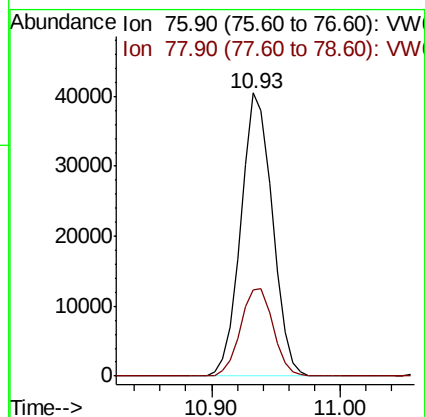
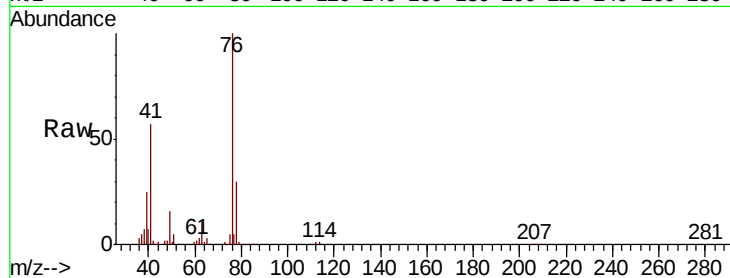
78 32.0 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 105.323 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006147.D

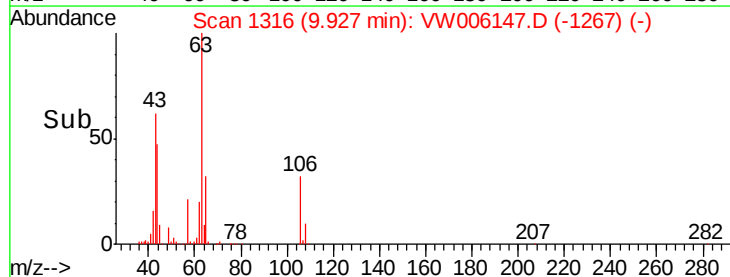
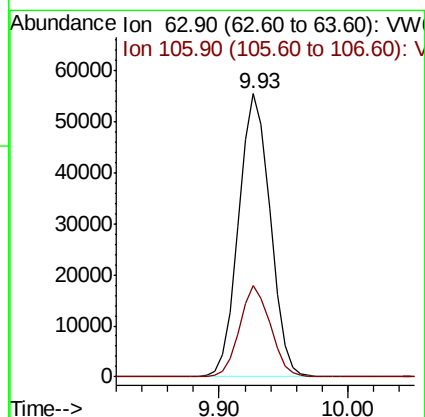
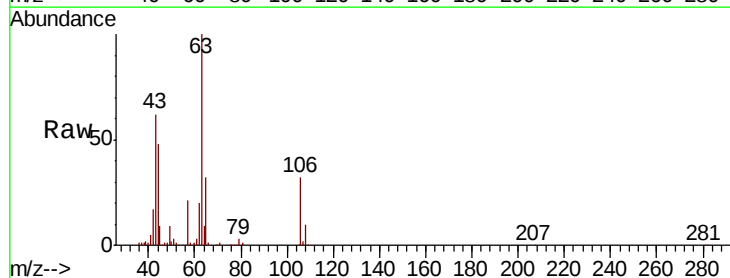
Acq: 18 Oct 2018 02:21

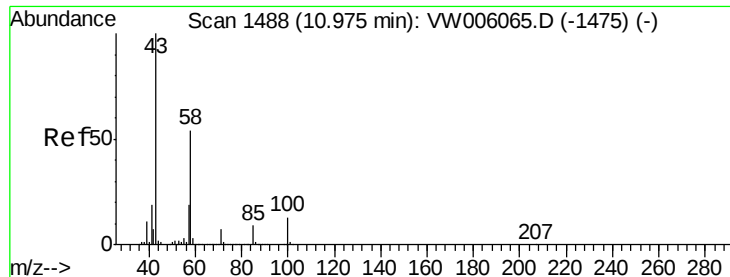
Tgt Ion: 63 Resp: 94000

Ion Ratio Lower Upper

63 100

106 31.3 24.5 36.7





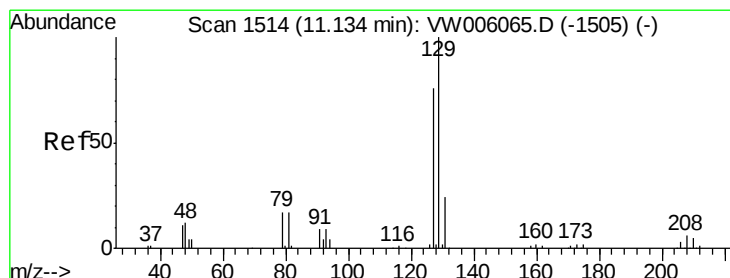
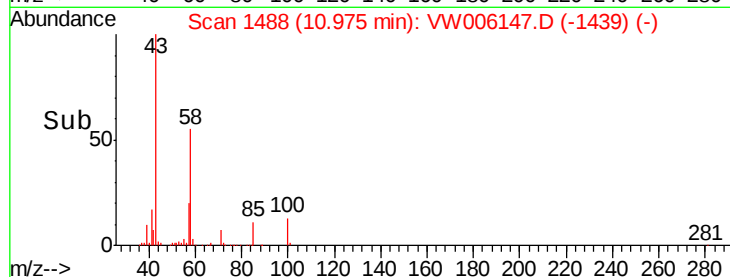
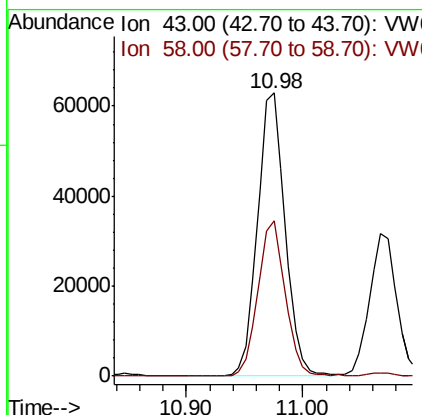
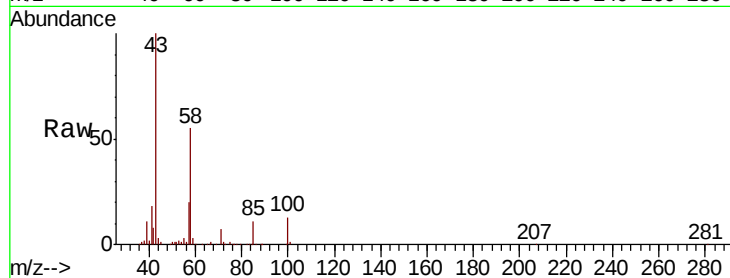
#59
2-Hexanone
Concen: 104.993 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	43	Resp	103815
Ion Ratio	43	100	
Lower	58	54.4	26.9
Upper			80.6

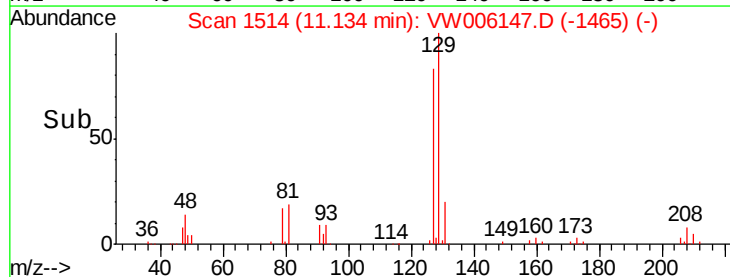
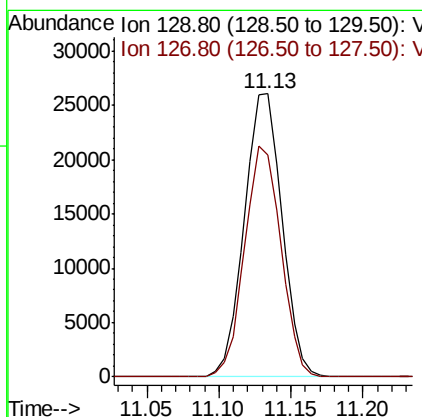
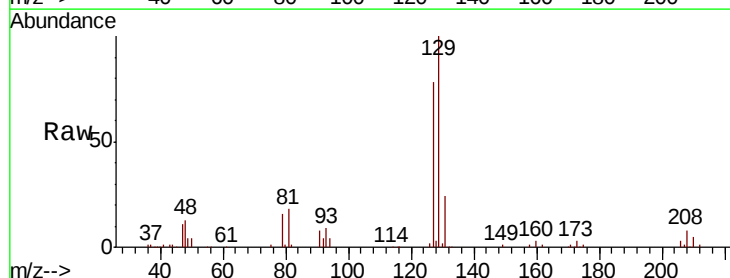
Manual Integrations
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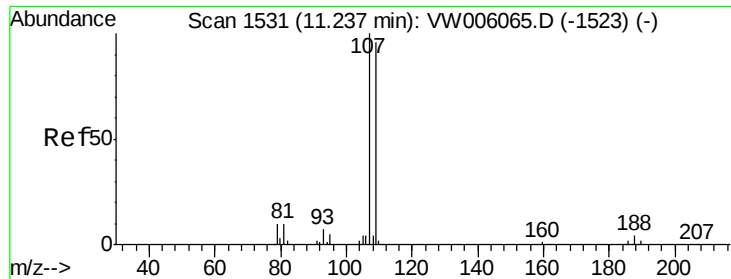
apatel
10/18/2018 4:40:17 PM



#60
Dibromochloromethane
Concen: 19.885 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	129	Resp	47190
Ion Ratio	129	100	
Lower	127	78.7	38.6
Upper			115.7





#61

1,2-Dibromoethane

Concen: 21.515 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 107 Resp: 40959

Ion Ratio Lower Upper

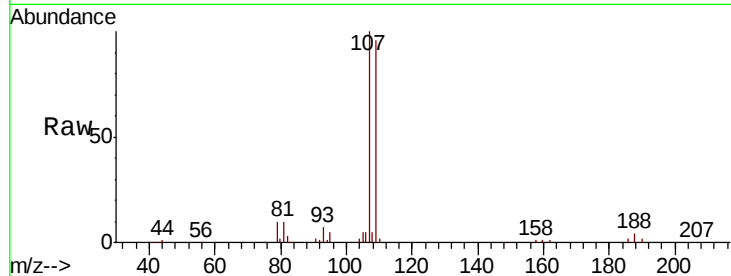
107 100

109 96.8 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

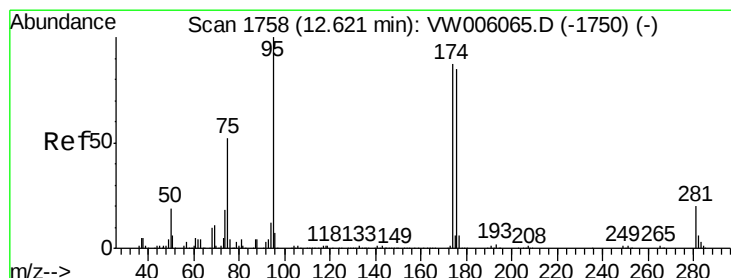
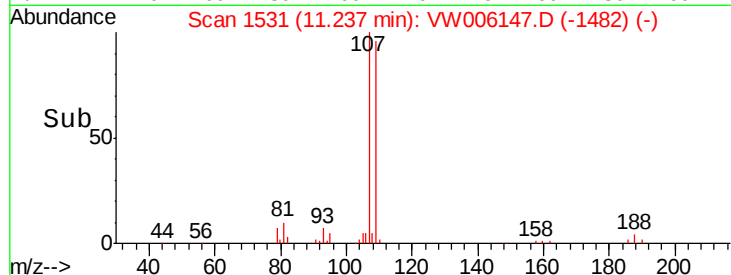
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

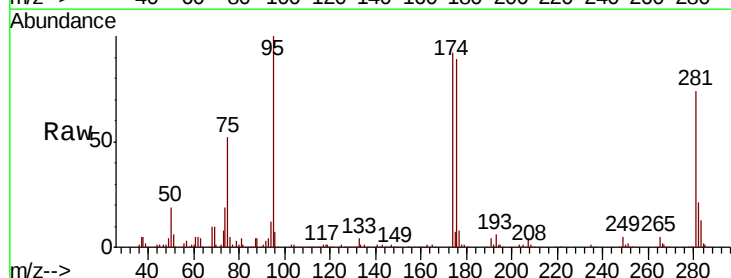
Tgt Ion: 95 Resp: 167649

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.0

176 91.3 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

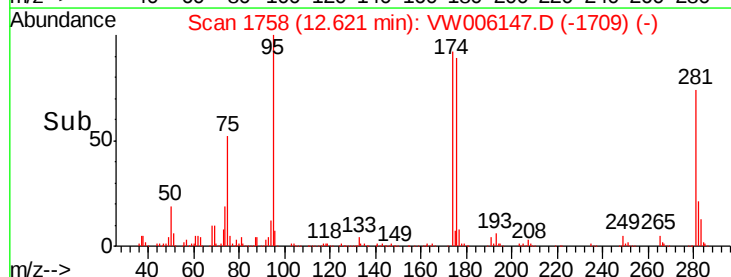
12.62

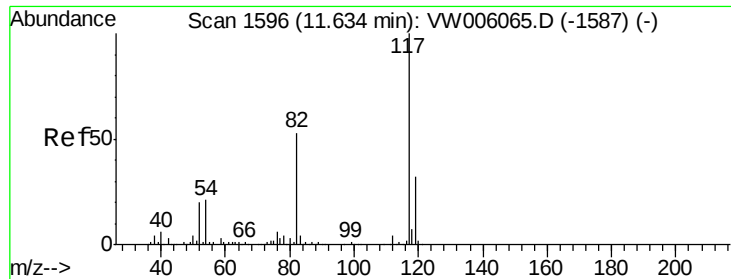
100000

50000

0

Time-->





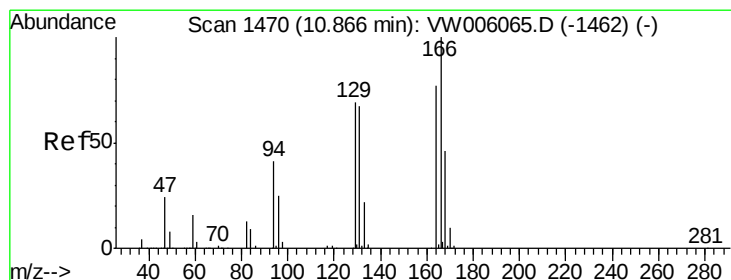
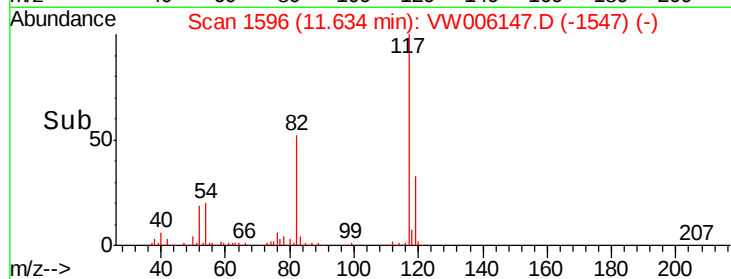
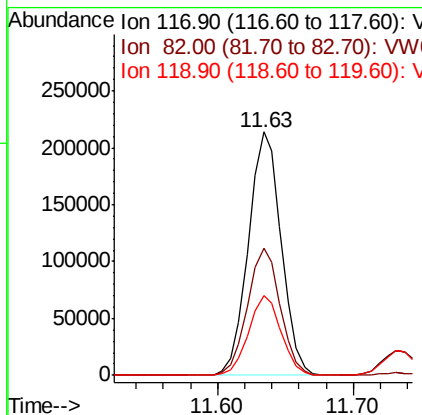
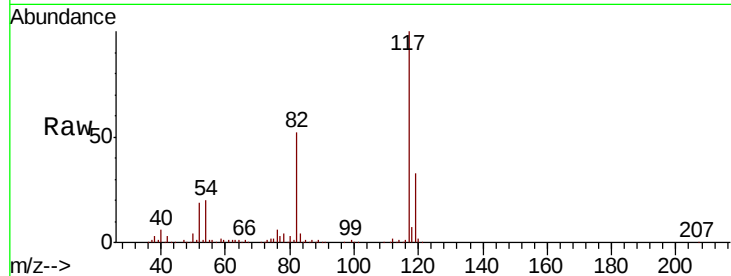
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.7	25.8	38.6

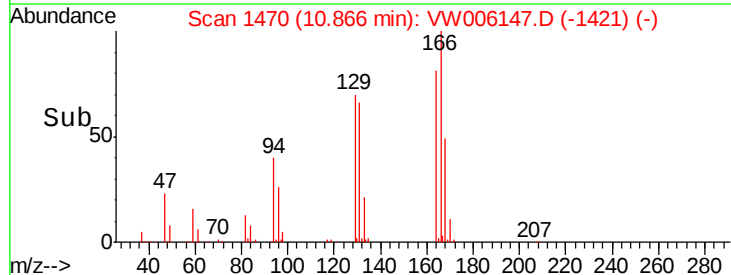
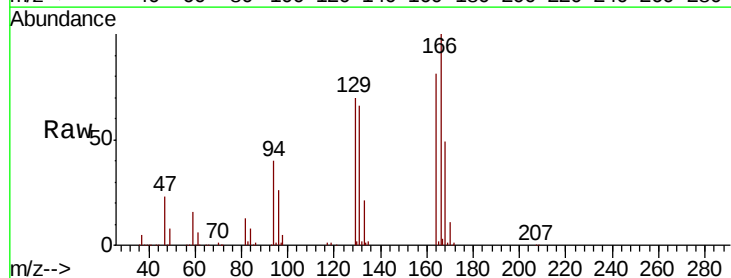
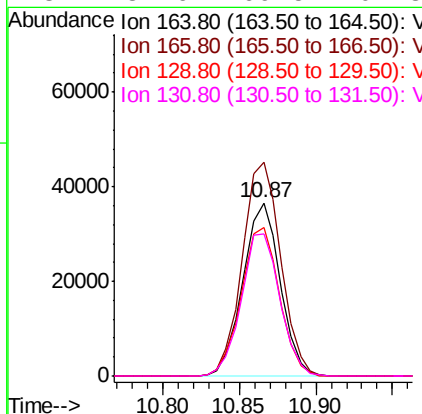
Manual Integrations
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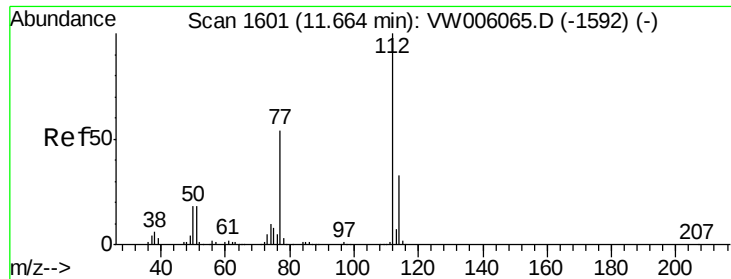
apatel
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#64
Tetrachloroethene
Concen: 22.042 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	103.4	155.0
129	85.7	71.8	107.8
131	81.6	69.5	104.3





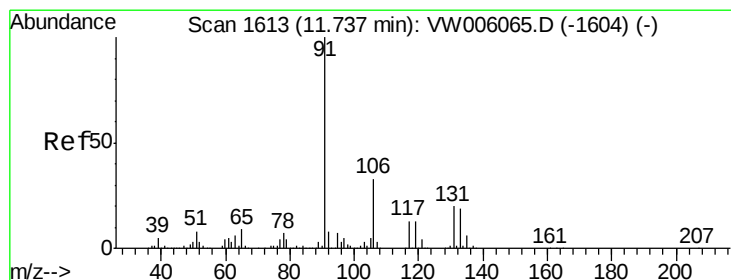
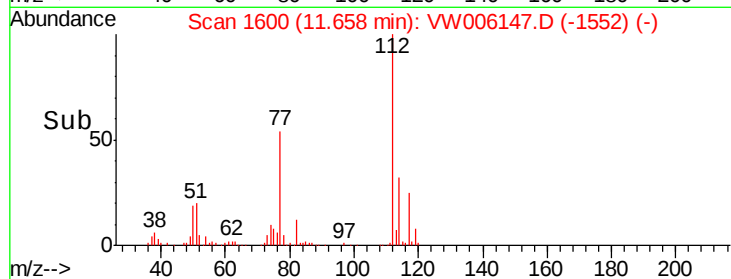
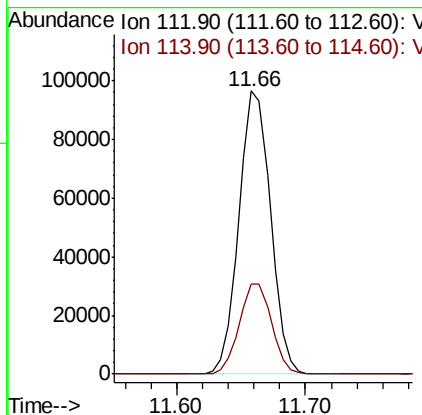
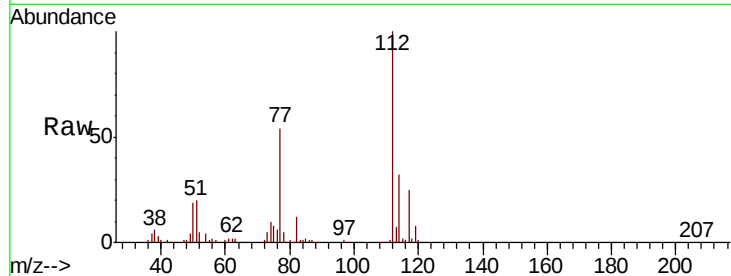
#65
Chlorobenzene
Concen: 21.231 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion:112 Resp: 164273
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

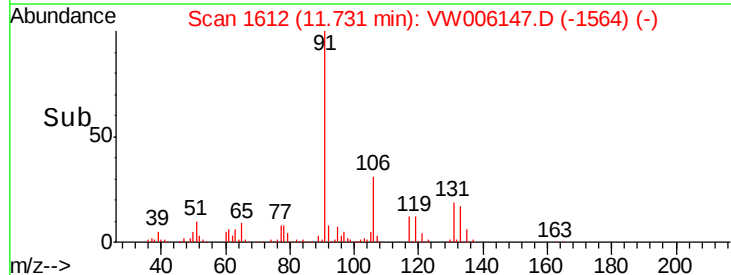
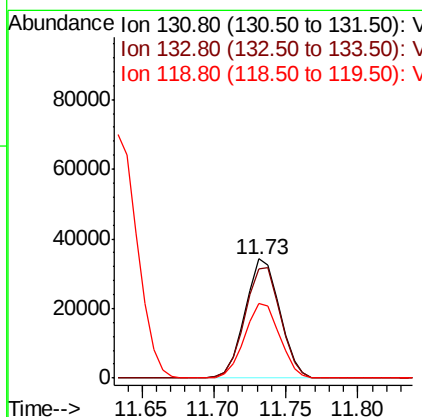
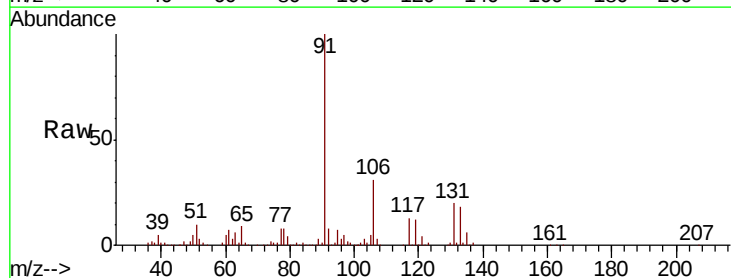
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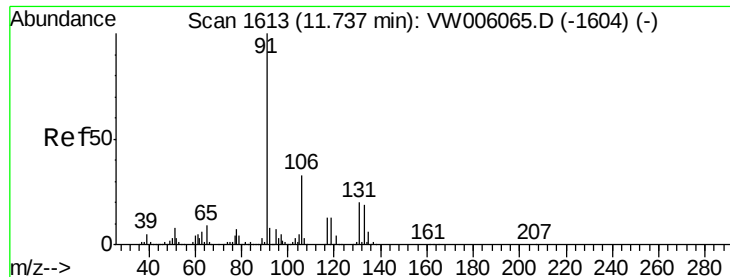
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.719 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion:131 Resp: 56970
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 63.5 31.6 94.7





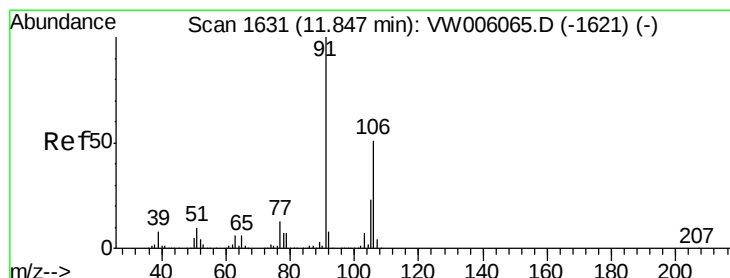
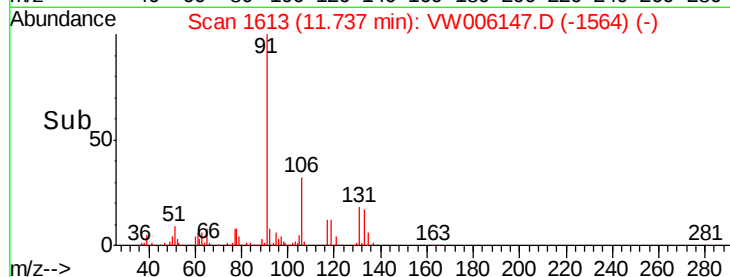
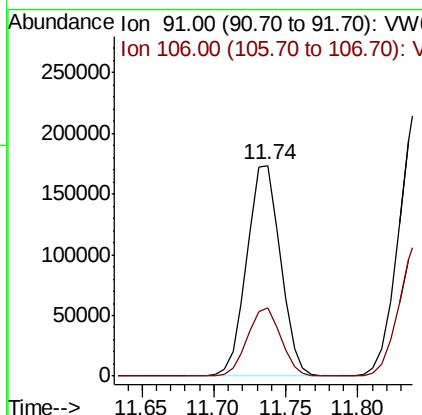
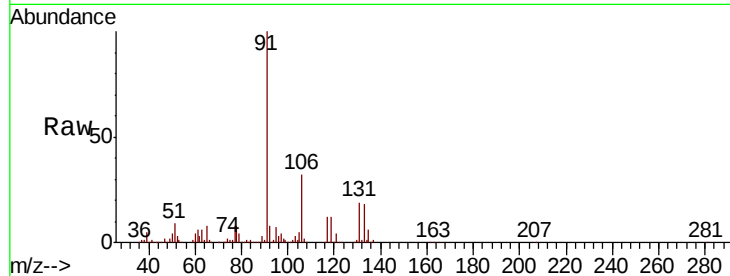
#67
Ethyl Benzene
Concen: 20.943 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion: 91 Resp: 280822
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1

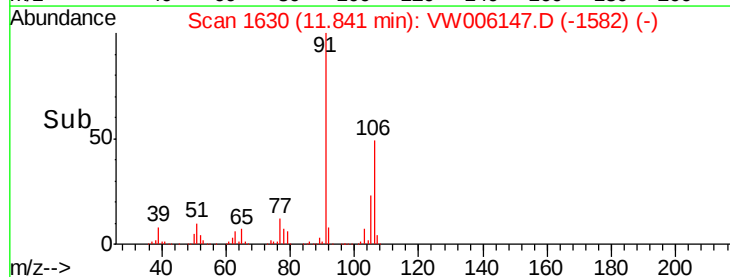
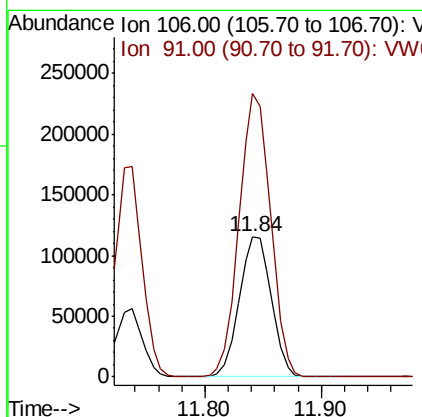
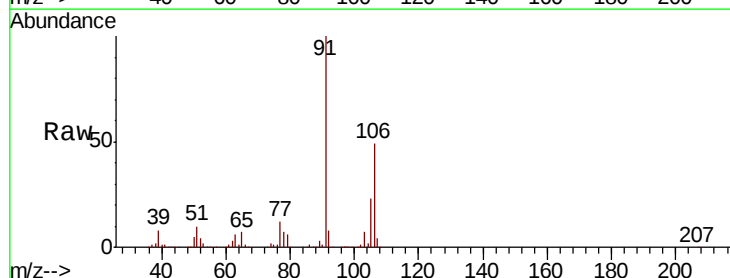
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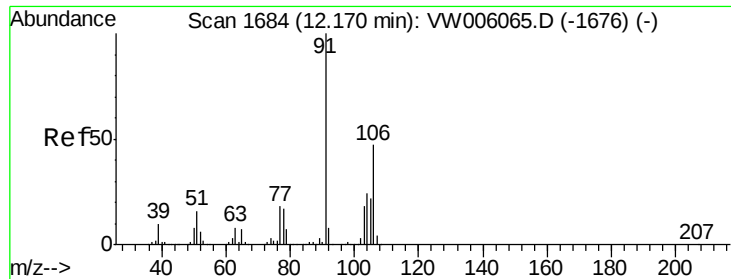
apatel
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#68
m/p-Xylenes
Concen: 41.764 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 106 Resp: 221347
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7





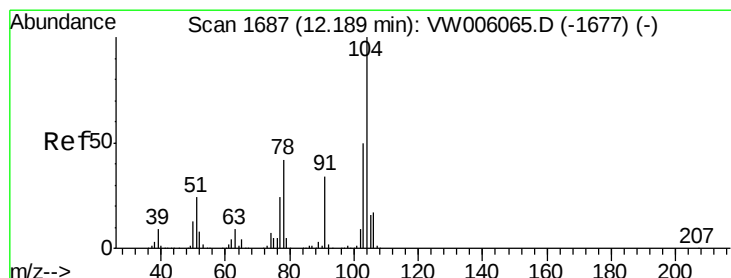
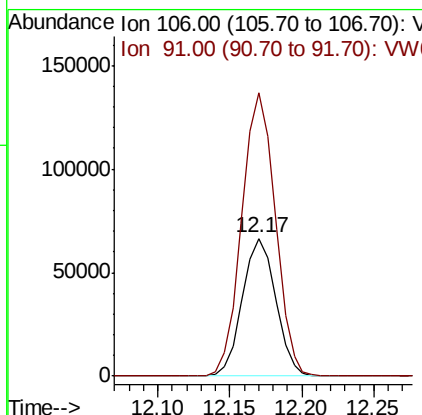
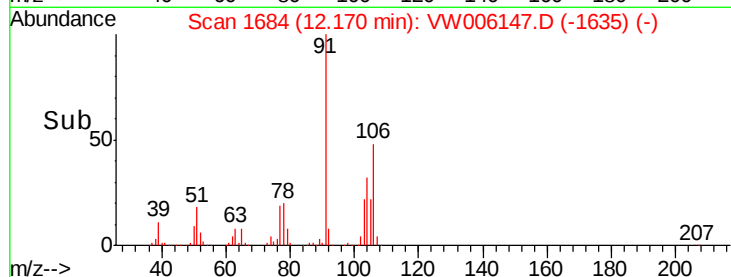
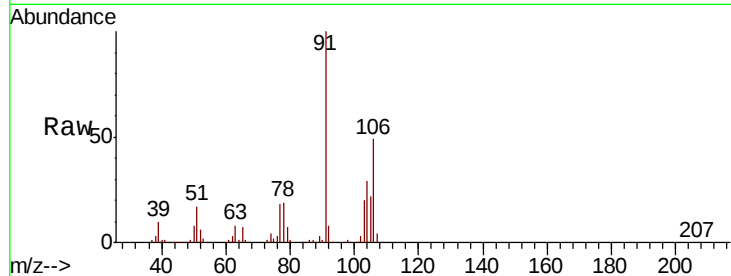
#69
o-Xylene
Concen: 21.140 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	106778		
91	91	207.1	105.4	316.1	

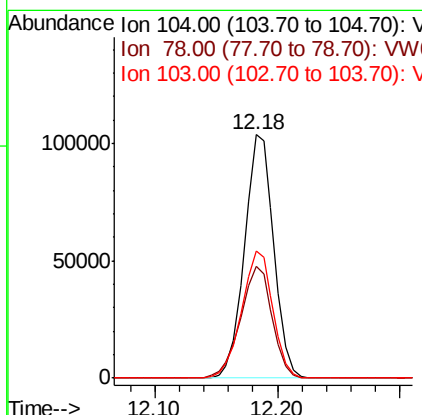
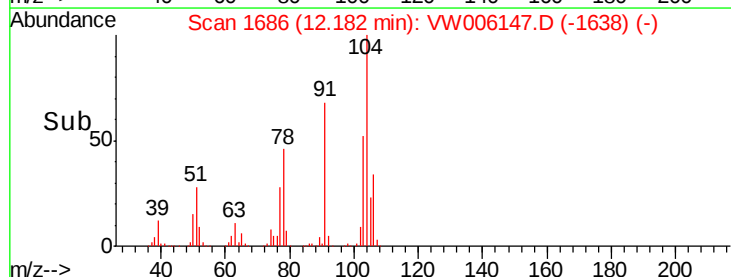
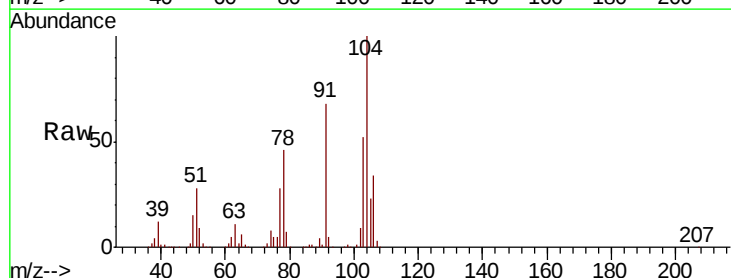
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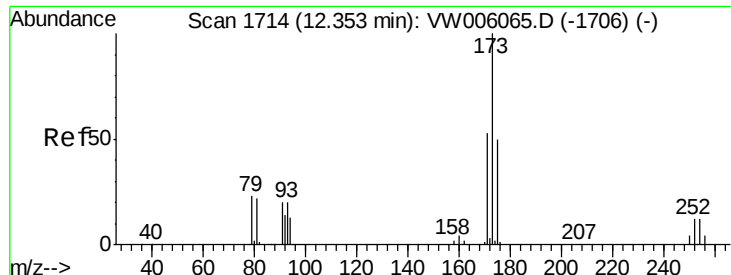
apatel
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#70
Styrene
Concen: 20.955 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	172116		
78	78	49.6	39.1	58.7	
103	103	55.4	44.3	66.5	





#71

Bromoform

Concen: 19.199 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion:173 Resp: 29445

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

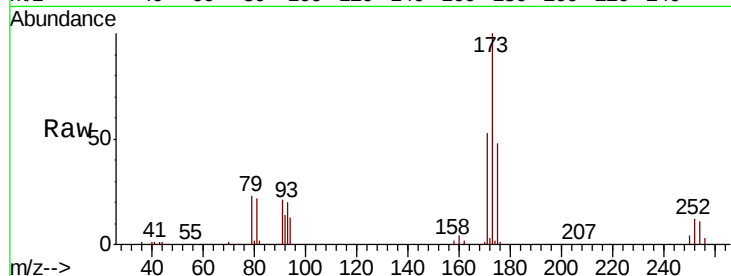
254 0.0 0.1 0.1#

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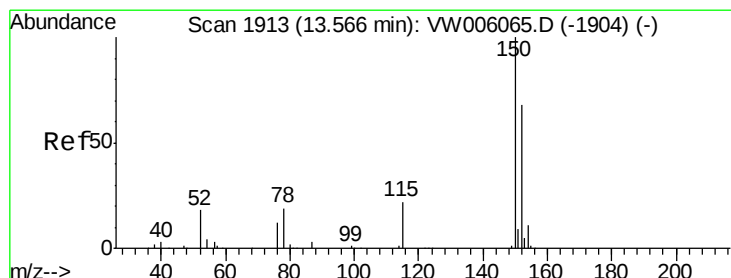
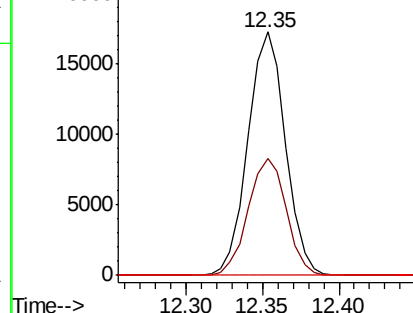
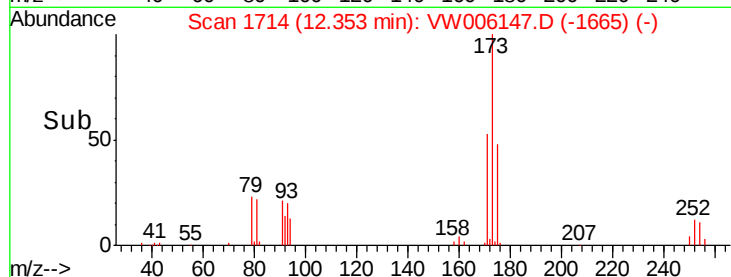
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

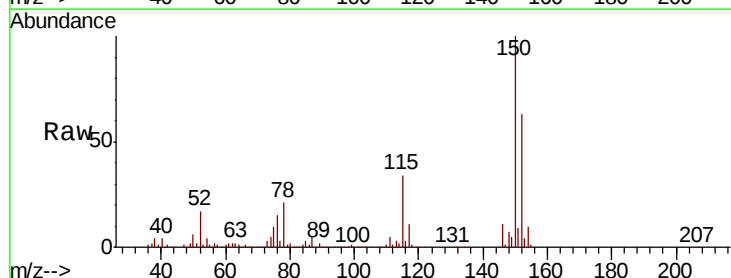
Tgt Ion:152 Resp: 202510

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

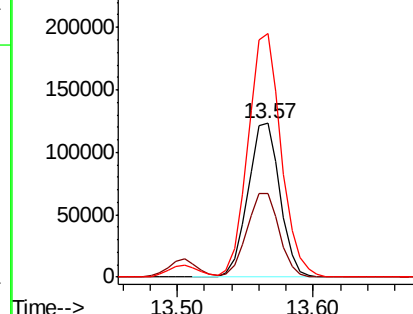
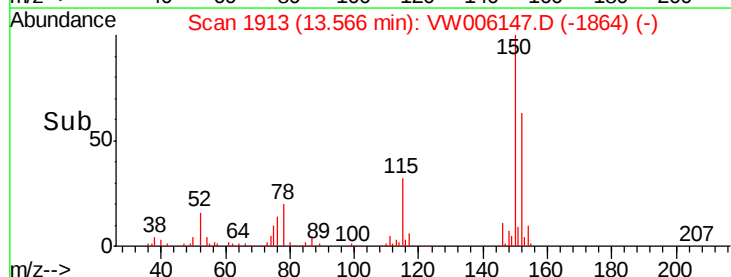
150 163.7 0.0 349.2

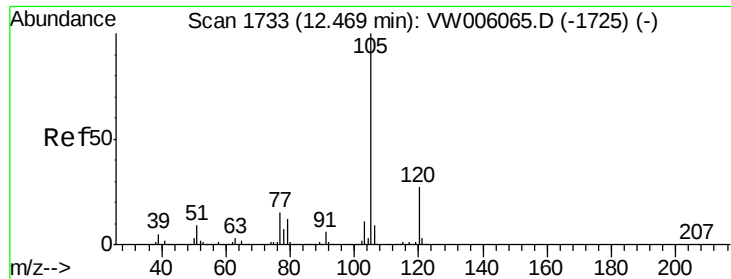


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.552 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion:105 Resp: 294029

Ion Ratio Lower Upper

105 100

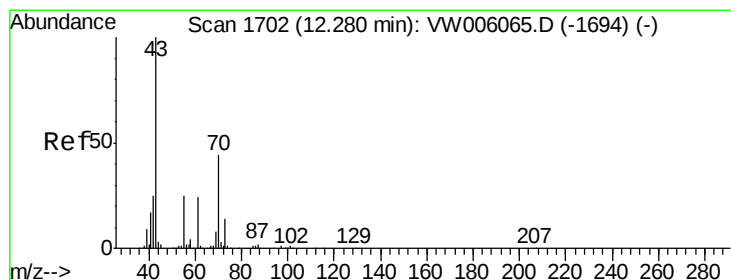
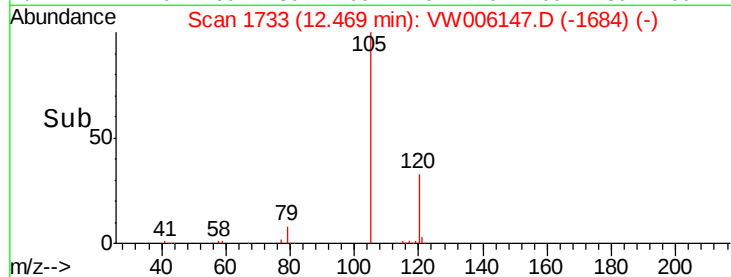
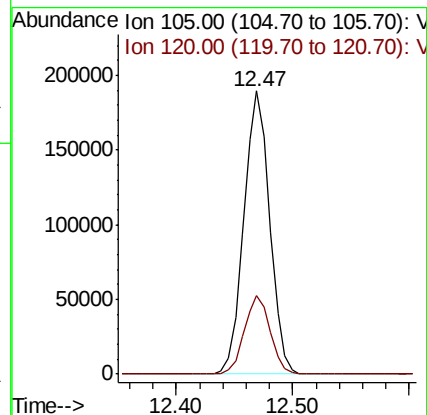
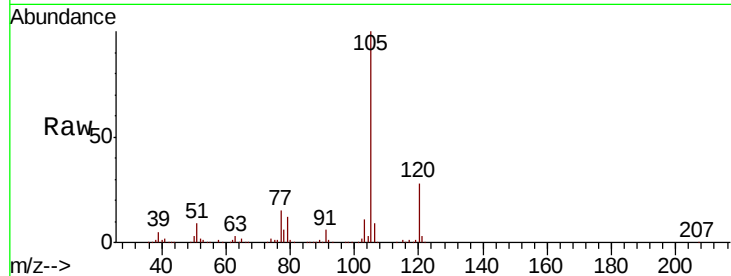
120 27.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.851 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion: 43 Resp: 57940

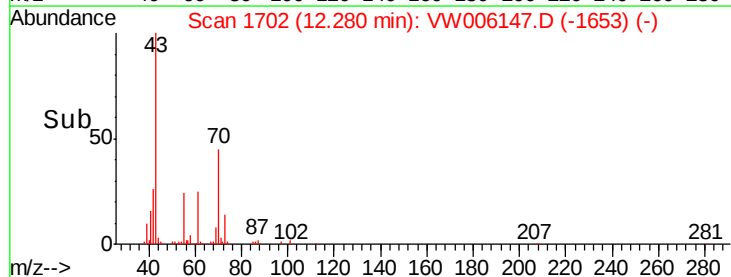
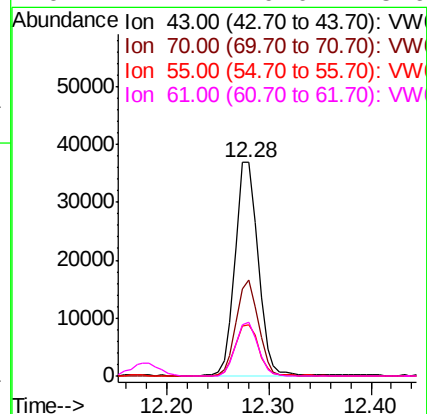
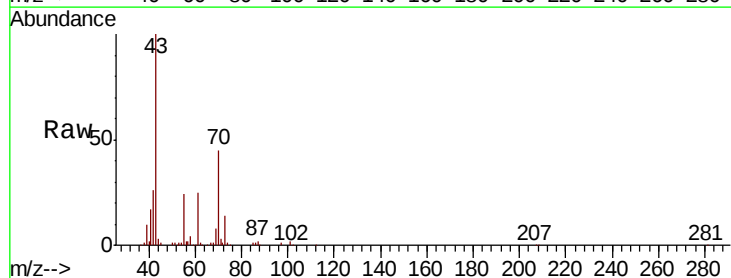
Ion Ratio Lower Upper

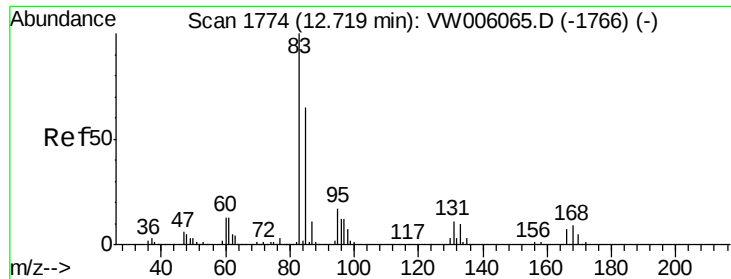
43 100

70 43.2 34.2 51.4

55 24.7 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.087 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

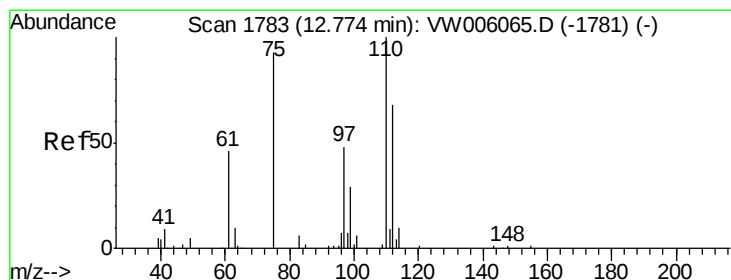
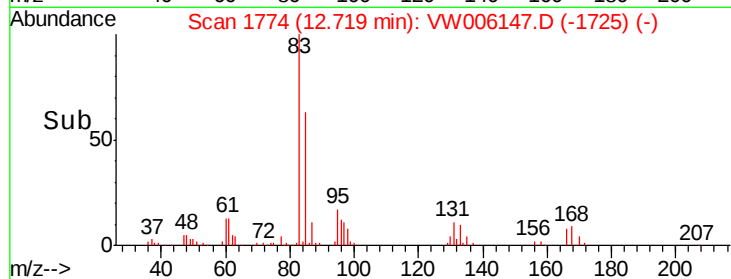
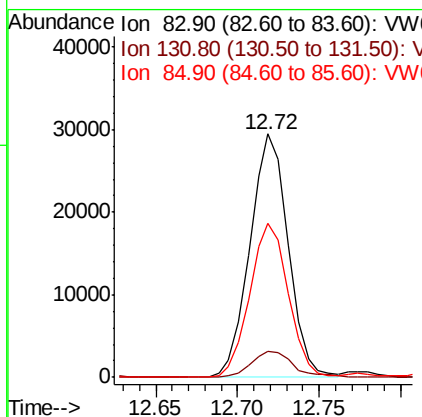
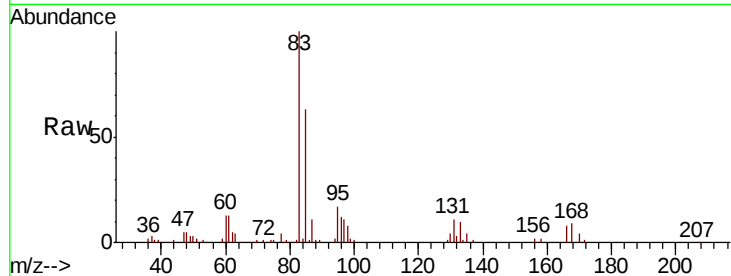
ClientSampleId :

VW1017SBS02

Tot Ion:	83	Resp:	48060
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.7
85	63.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.024 ug/l m

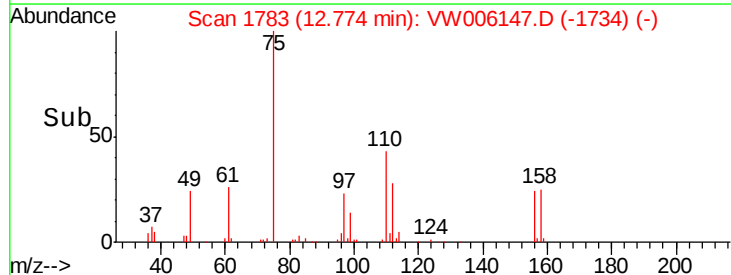
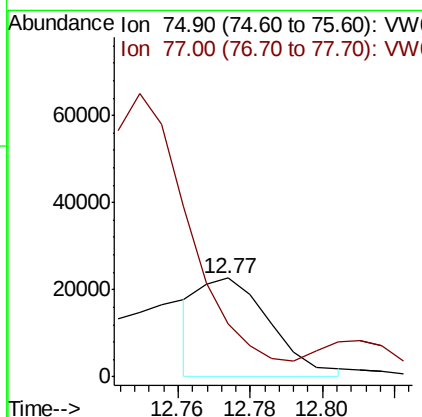
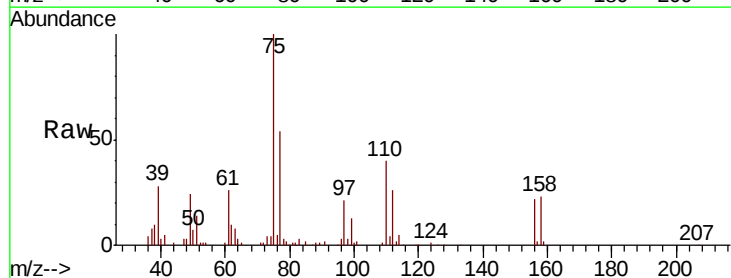
RT: 12.77 min Scan# 1783

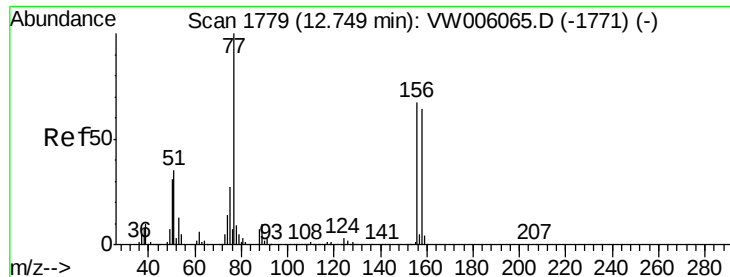
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	75	Resp:	30973
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.251 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

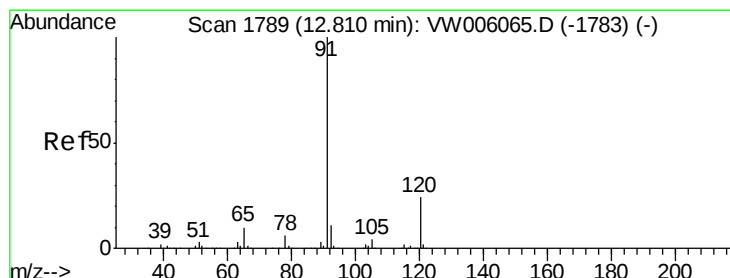
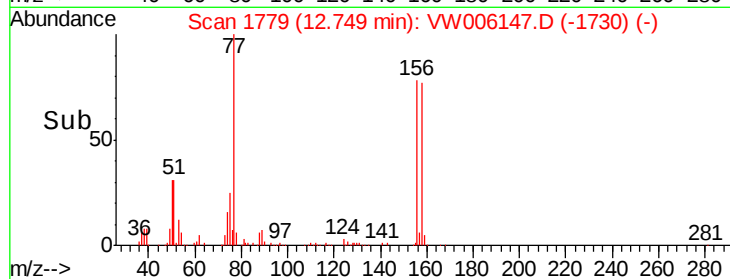
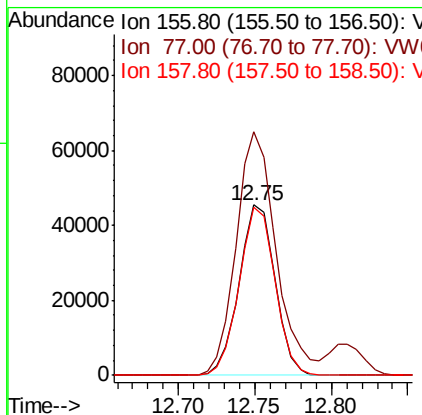
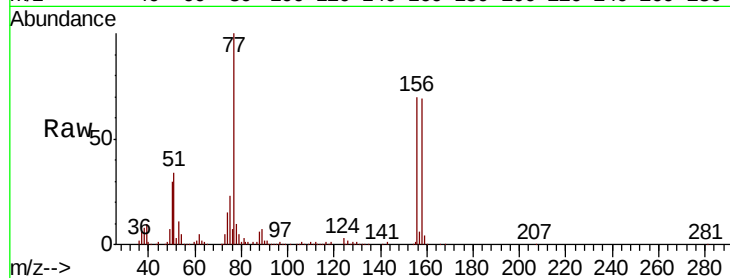
ClientSampleId :

VW1017SBS02

Tot Ion:	156	Resp:	74466
Ion Ratio	Lower	Upper	
156	100		
77	158.4	79.1	237.4
158	98.5	48.5	145.6

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#78

n-propylbenzene

Concen: 20.504 ug/l

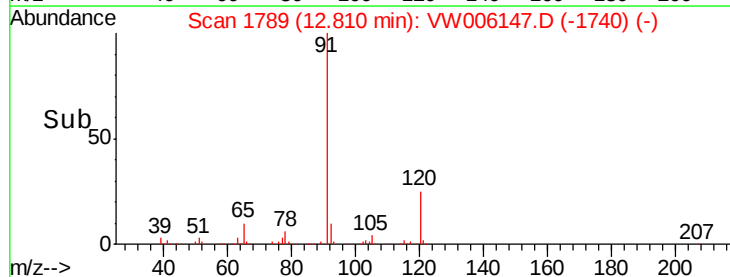
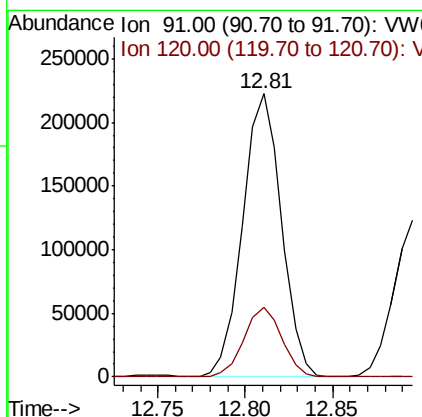
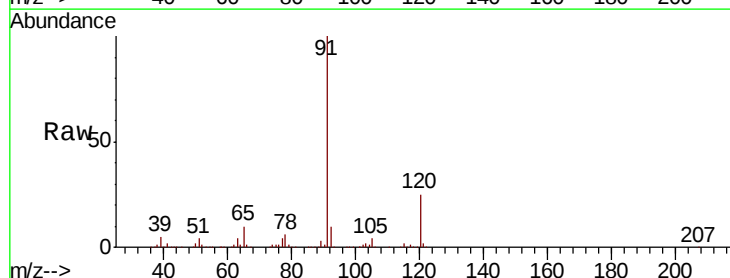
RT: 12.81 min Scan# 1789

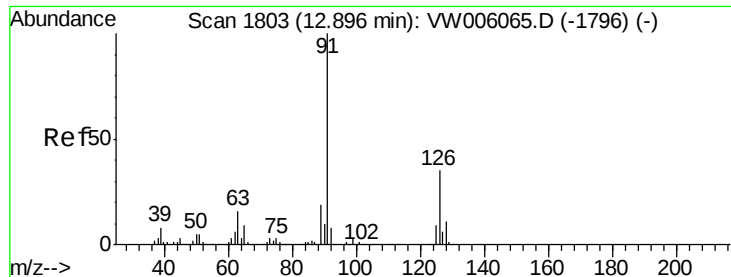
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	91	Resp:	341288
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.052 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 91 Resp: 196881

Ion Ratio Lower Upper

91 100

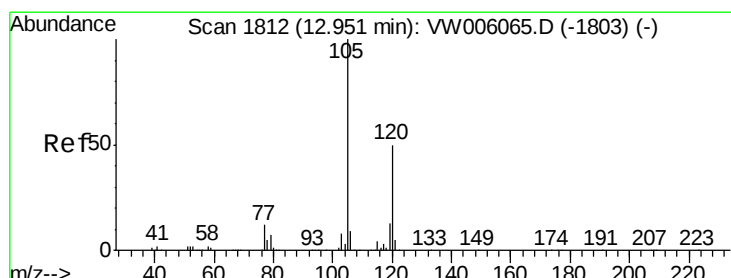
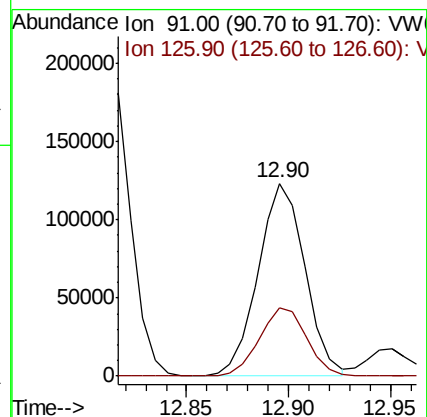
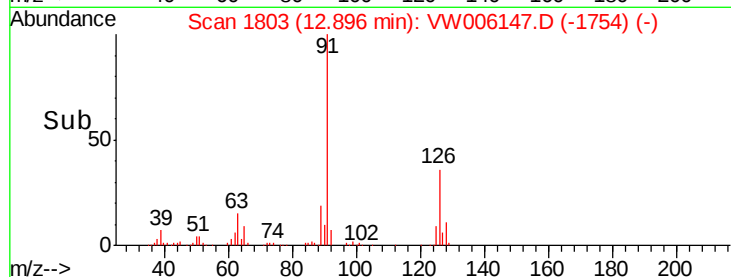
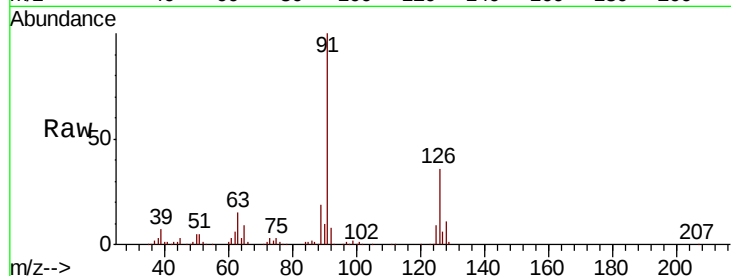
126 35.9 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.767 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006147.D

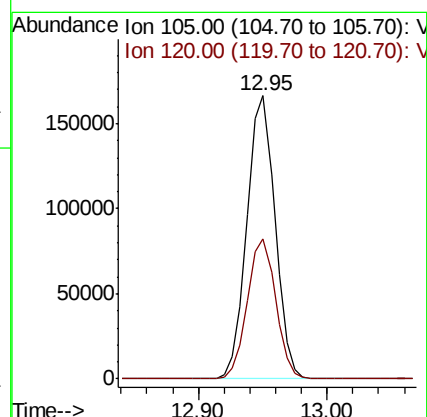
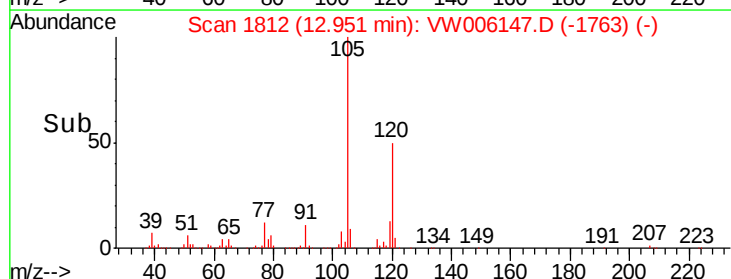
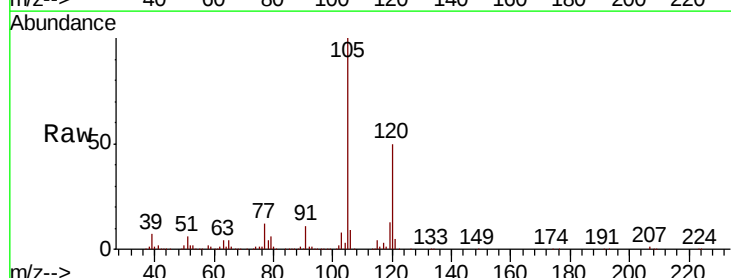
Acq: 18 Oct 2018 02:21

Tgt Ion:105 Resp: 250469

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.350 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

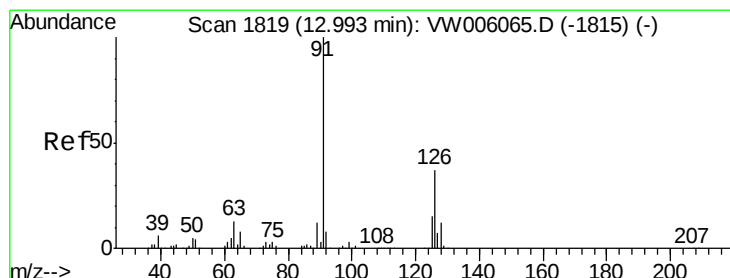
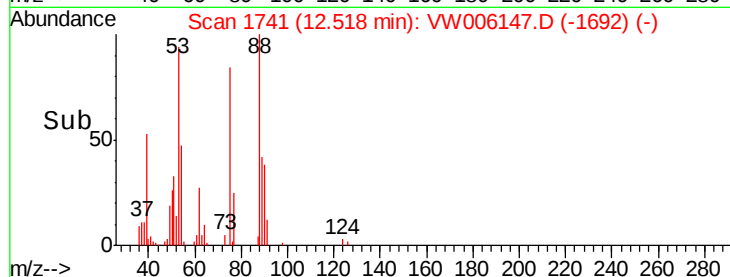
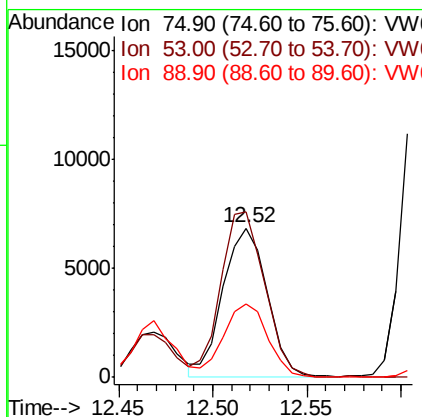
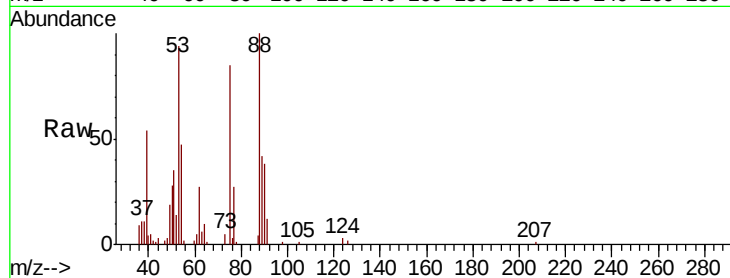
ClientSampleId :

VW1017SBSD02

Tot Ion:	75	Resp:	11227
Ion	Ratio	Lower	Upper
75	100		
53	109.9	79.8	119.6
89	48.0	37.5	56.3

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#82

4-Chlorotoluene

Concen: 21.354 ug/l

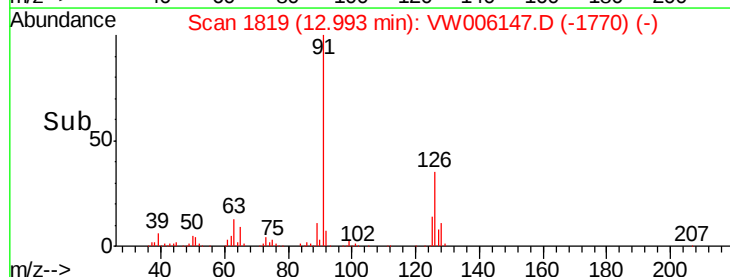
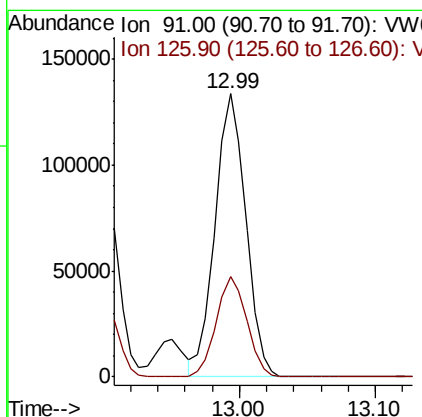
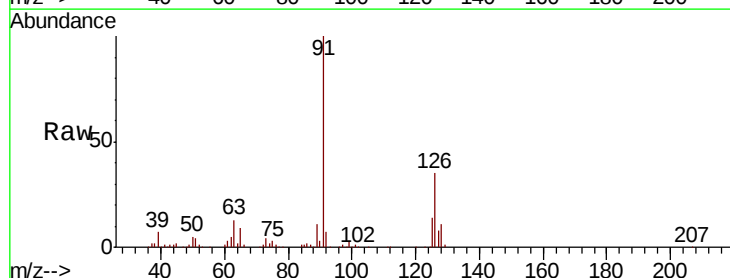
RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion:	91	Resp:	209192
Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.3





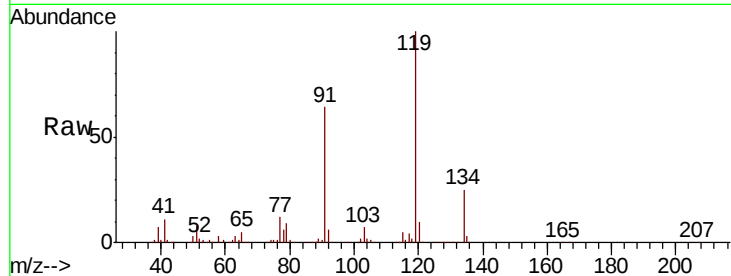
#83
tert-Butylbenzene
Concen: 20.513 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

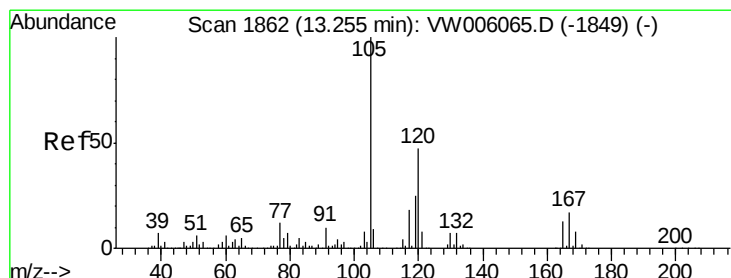
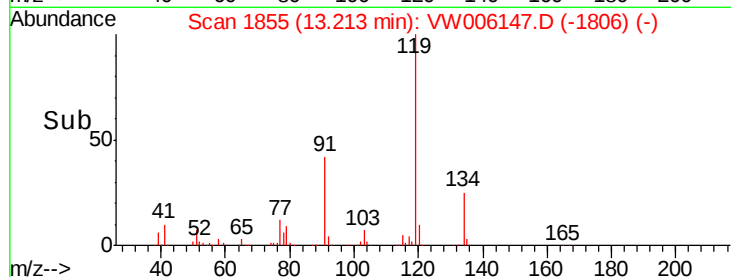
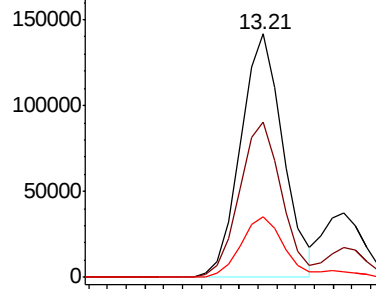
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.3	96.9
134	25.2	13.6	40.8

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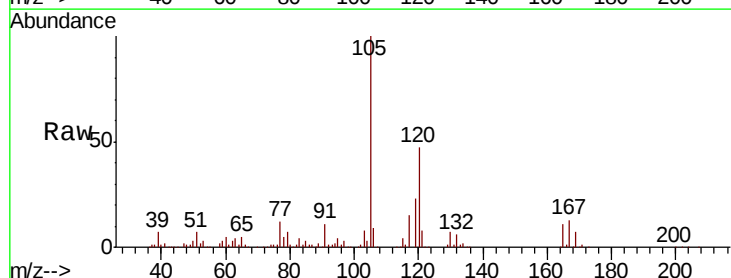


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

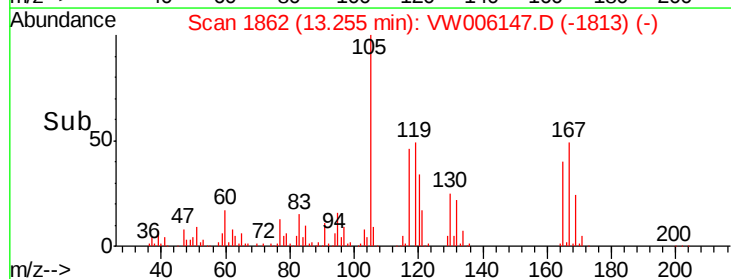
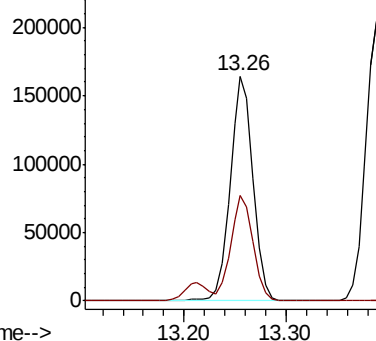


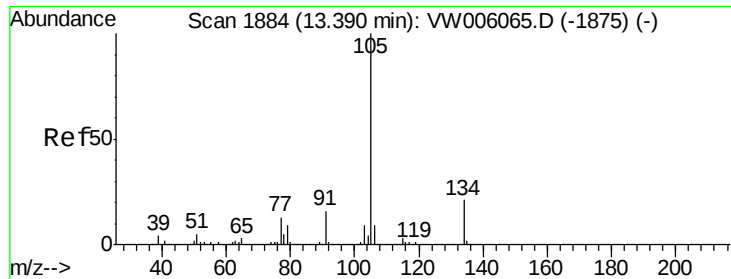
#84
1,2,4-Trimethylbenzene
Concen: 20.890 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3



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





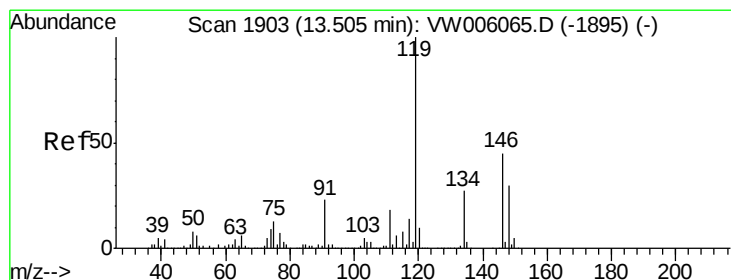
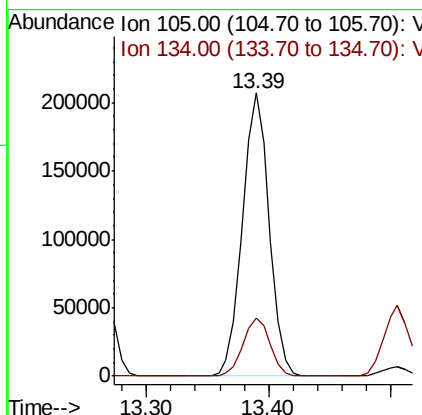
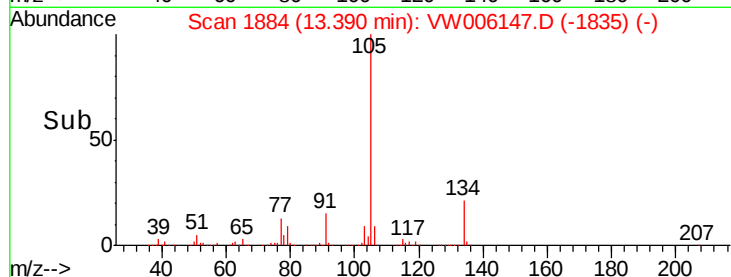
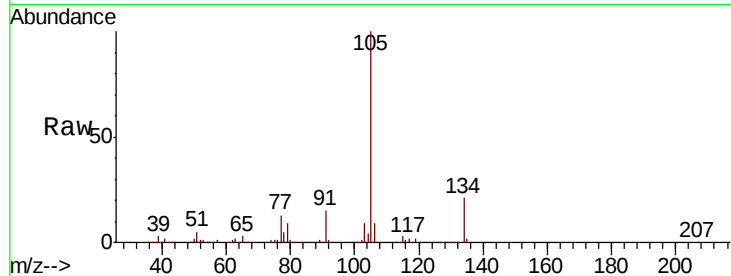
#85
 sec-Butylbenzene
 Concen: 20.506 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.5	31.6

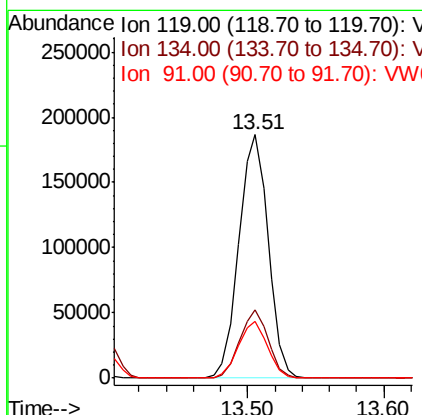
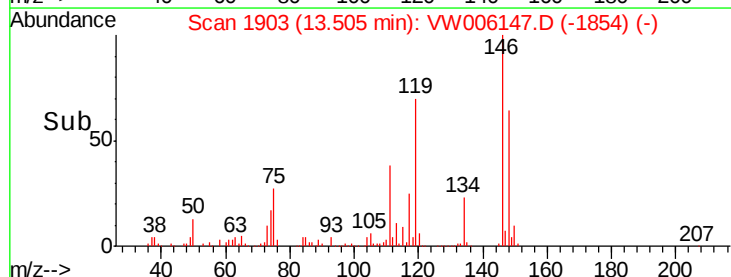
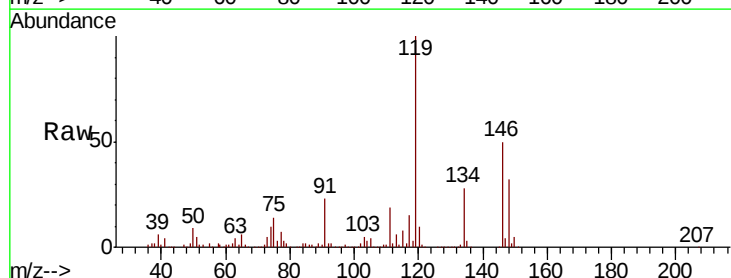
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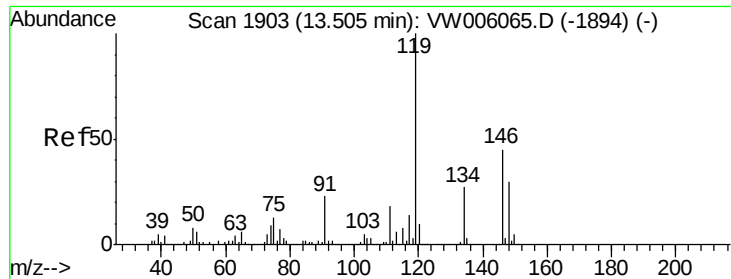
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#86
 p-Isopropyltoluene
 Concen: 20.277 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.2
91	23.4	11.4	34.1





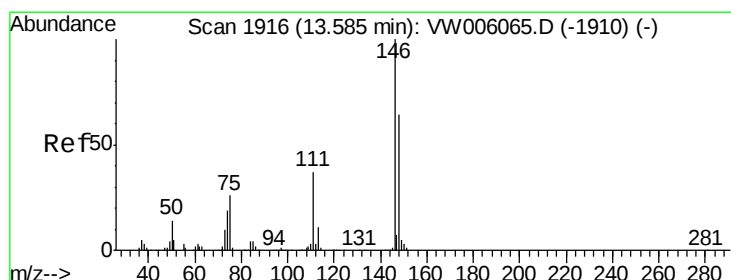
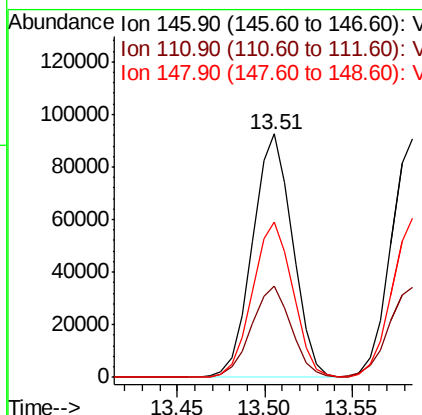
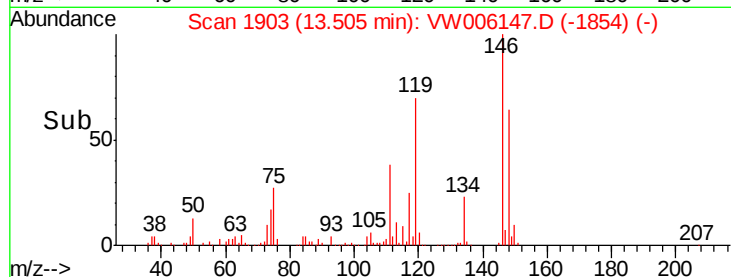
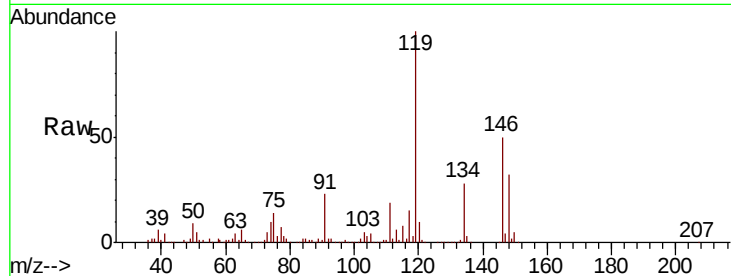
#87
 1,3-Dichlorobenzene
 Concen: 21.072 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	64.4	32.0	96.2

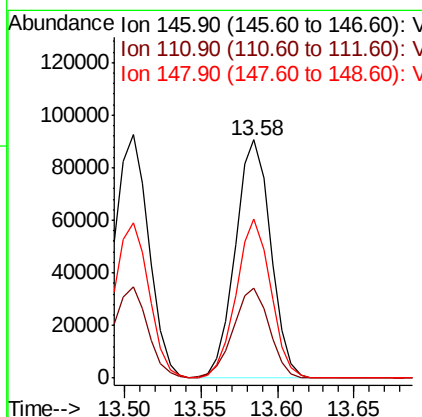
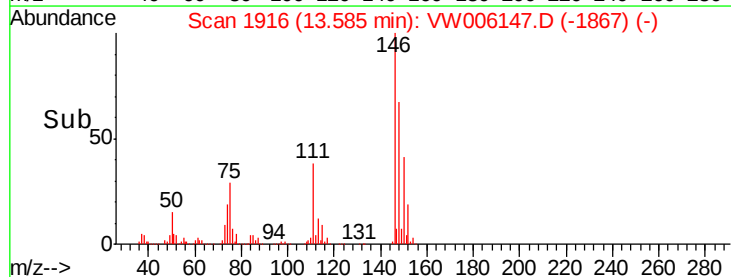
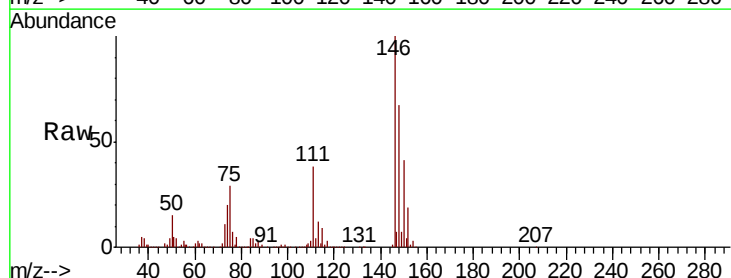
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#88
 1,4-Dichlorobenzene
 Concen: 21.015 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.9	32.1	96.5





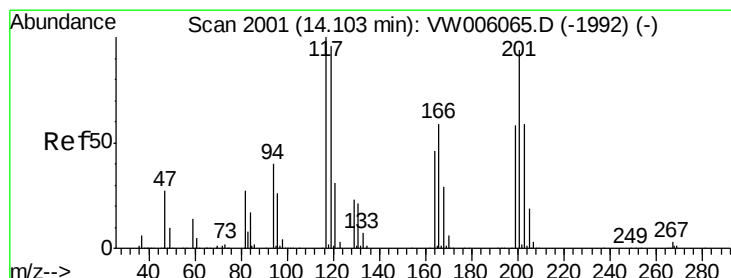
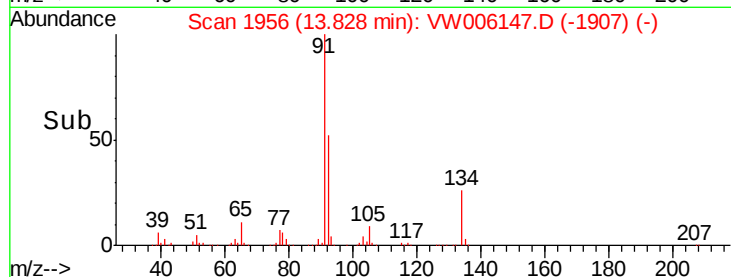
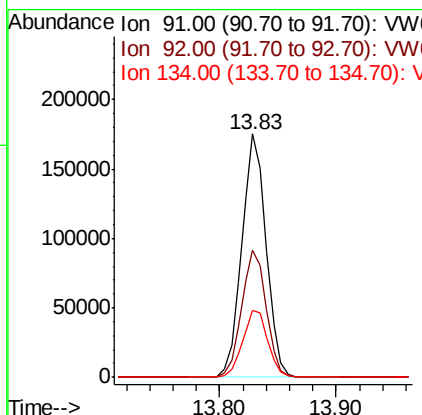
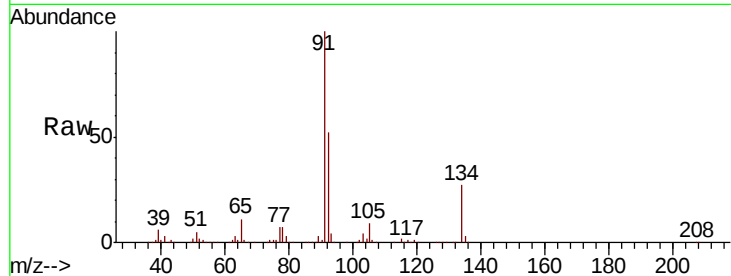
#89
n-Butylbenzene
Concen: 20.189 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	28.7	14.0	41.9

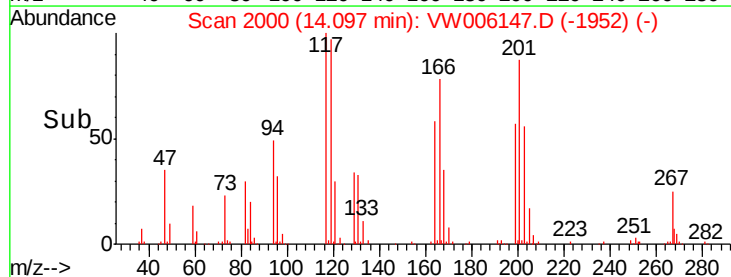
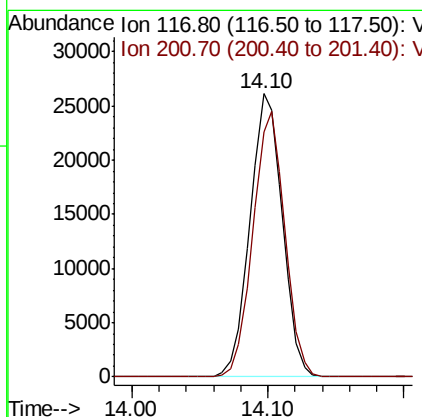
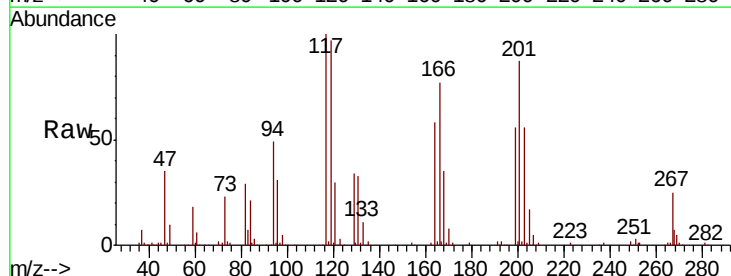
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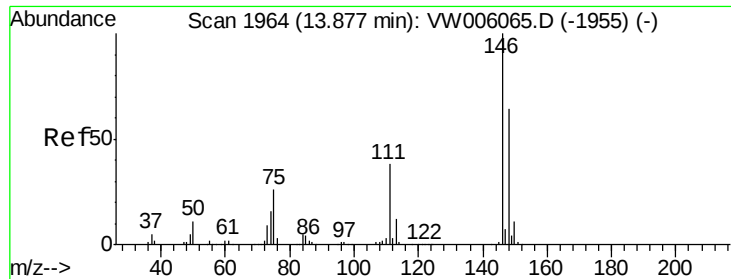
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#90
Hexachloroethane
Concen: 18.738 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	45.3	135.9





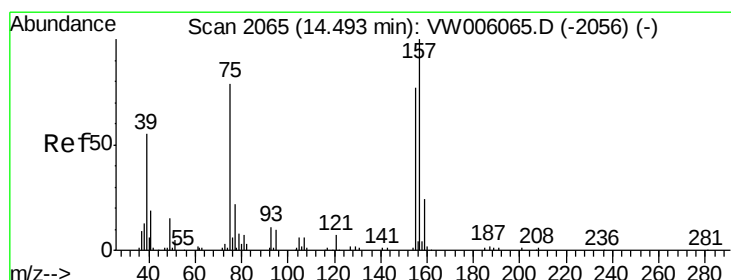
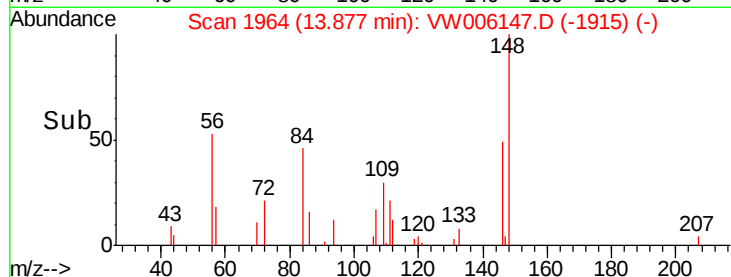
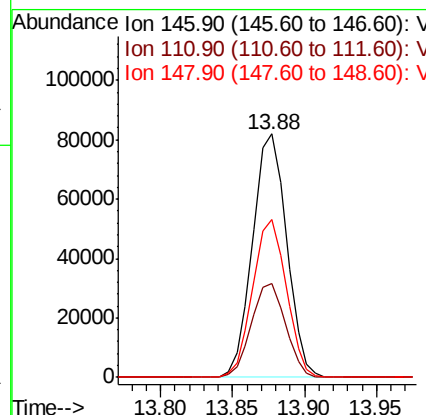
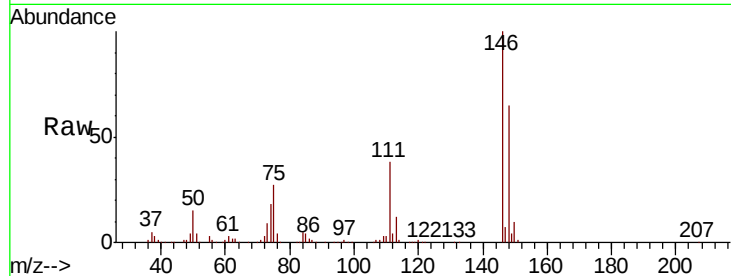
#91
 1,2-Dichlorobenzene
 Concen: 21.518 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	64.3	32.2	96.6

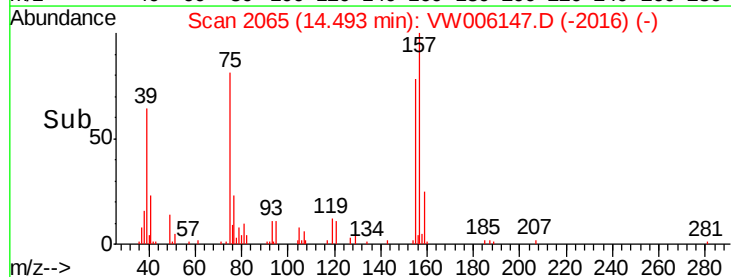
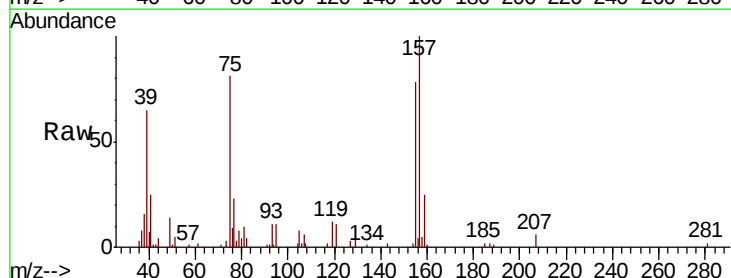
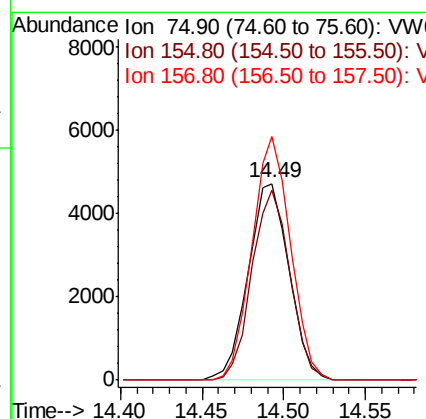
Manual Integrations
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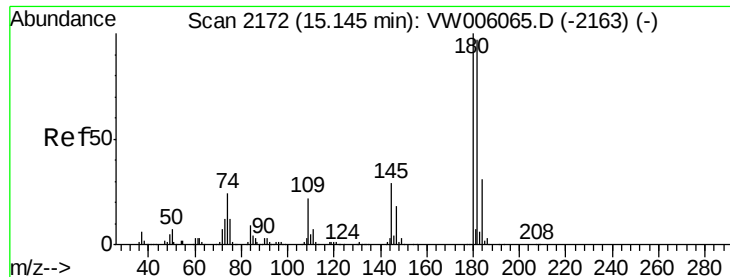
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.148 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	46.5	139.5
157	116.6	59.8	179.4





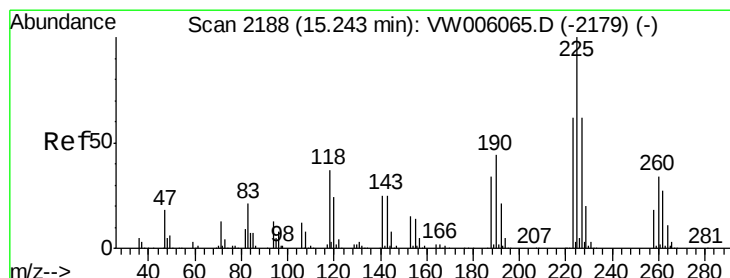
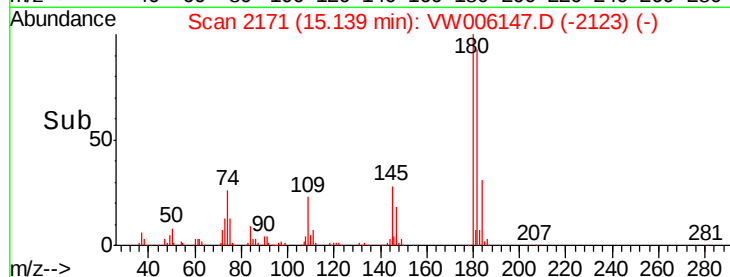
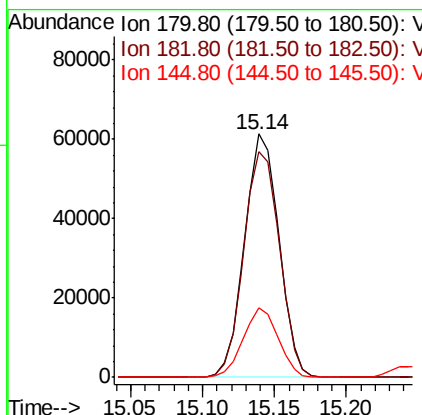
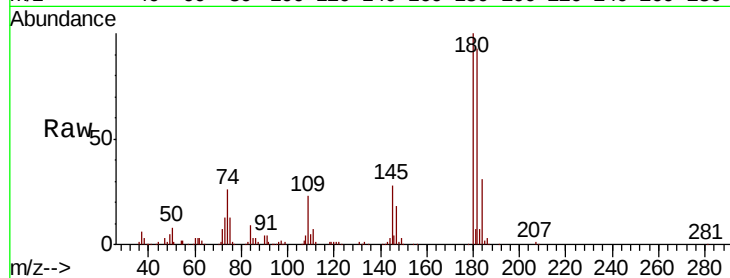
#93
 1,2,4-Trichlorobenzene
 Concen: 21.289 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.9	143.6	
145	28.7	14.2	42.8	

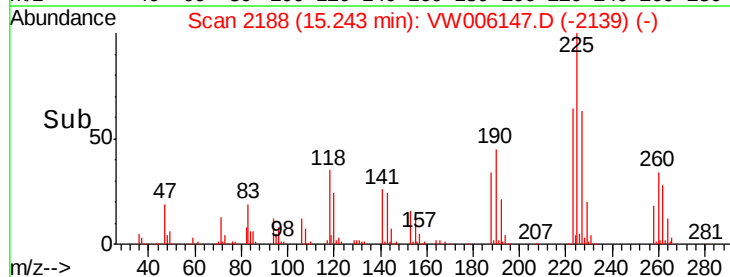
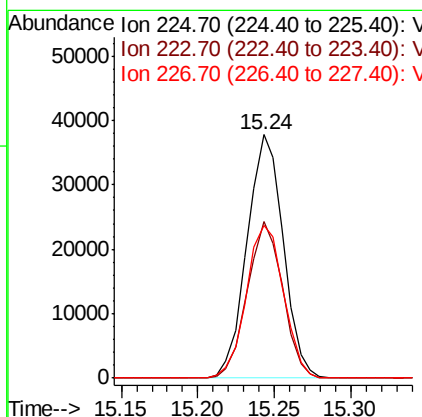
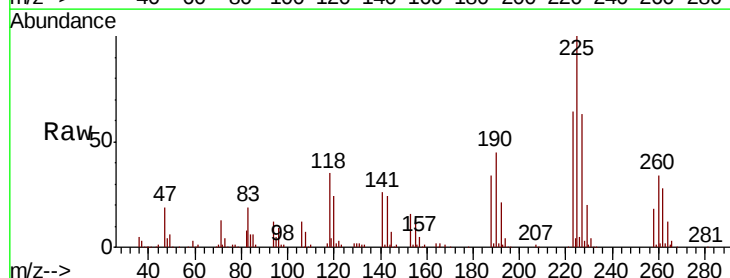
Manual Integrations
 APPROVED

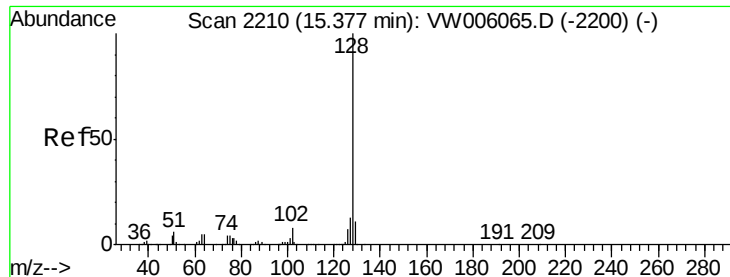
apatel
 10/18/2018 4:40:17 PM



#94
 Hexachlorobutadiene
 Concen: 20.683 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.1	93.5	
227	64.3	32.4	97.0	





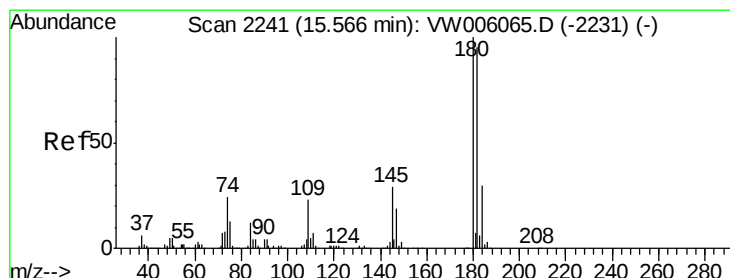
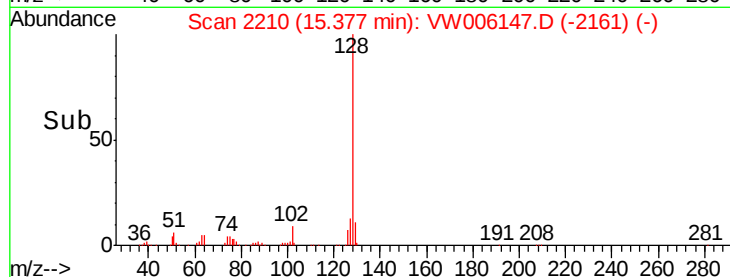
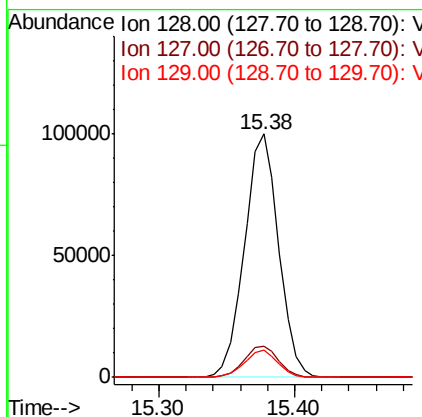
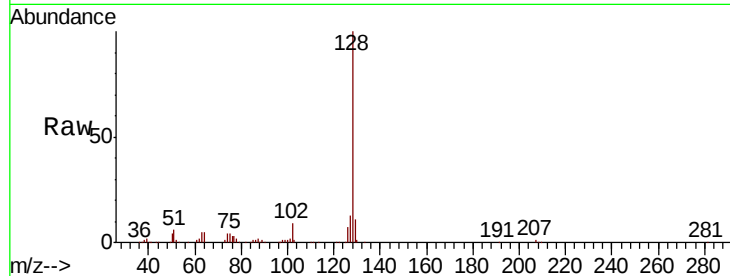
#95
Naphthalene
Concen: 22.038 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
10/18/2018 4:40:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.704 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	30.8	15.0	45.1

