

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV101818\
 Data File : VW006205.D
 Acq On : 19 Oct 2018 06:04
 Operator : VA/AP
 Sample : J5565-05MS
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Manual Integrations
 APPROVED

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 10/19/2018 12:54:26 PM

Quant Time: Oct 19 08:22:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	257798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	196459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	84493	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	
35) Dibromofluoromethane	7.88	113	80885	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.32	98	277855	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.62	95	77579	35.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	51705m	58.52	ug/l	
3) Chloromethane	2.21	50	58978	51.86	ug/l	97
4) Vinyl Chloride	2.37	62	94026	57.89	ug/l	99
5) Bromomethane	2.79	94	56823	38.47	ug/l	100
6) Chloroethane	2.93	64	65421	56.21	ug/l	96
7) Trichlorofluoromethane	3.26	101	71724	47.41	ug/l	96
8) Diethyl Ether	3.67	74	51840	64.47	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80204	50.58	ug/l	98
10) Methyl Iodide	4.26	142	72803	27.59	ug/l	99
11) Tert butyl alcohol	5.21	59	27034	271.57	ug/l	99
12) 1,1-Dichloroethene	4.04	96	85839	57.54	ug/l	92
14) Allyl chloride	4.67	41	82717	38.78	ug/l	99
15) Acrylonitrile	5.37	53	78941	273.71	ug/l	98
16) Acetone	4.13	43	74081	267.83	ug/l	97
17) Carbon Disulfide	4.38	76	138558	30.78	ug/l	100
18) Methyl Acetate	4.67	43	100371	134.75	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	144233	63.48	ug/l	99
20) Methylene Chloride	4.91	84	105119	67.69	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	95001	57.06	ug/l	98
22) Diisopropyl ether	6.32	45	252529	59.91	ug/l	96
23) Vinyl Acetate	6.31	43	136321	54.80	ug/l	# 71
24) 1,1-Dichloroethane	6.21	63	164657	60.54	ug/l	100
25) 2-Butanone	7.18	43	107500	268.84	ug/l	98
26) 2,2-Dichloropropane	7.16	77	81857	42.67	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107586	58.55	ug/l	97
28) Bromochloromethane	7.51	49	69109	65.82	ug/l	96
29) Tetrahydrofuran	7.54	42	76851	312.67	ug/l	98
30) Chloroform	7.68	83	176345	59.51	ug/l	98
31) Cyclohexane	7.95	56	107253	39.60	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	141297	52.86	ug/l	100
36) 1,1-Dichloropropene	8.09	75	122987	51.76	ug/l	99
37) Ethyl Acetate	7.26	43	6744	7.64	ug/l	# 80
38) Carbon Tetrachloride	8.07	117	117220	45.00	ug/l	97
39) Methylcyclohexane	9.34	83	93436	29.58	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	368599	56.55	ug/l	99
41) Methacrylonitrile	7.49	41	24402	45.85	ug/l	96
42) 1,2-Dichloroethane	8.40	62	118448	61.85	ug/l	100
43) Isopropyl Acetate	8.43	43	23542	13.04	ug/l #	61
44) Trichloroethene	9.09	130	103951	51.98	ug/l	97
45) 1,2-Dichloropropane	9.37	63	88893	56.99	ug/l	99
46) Dibromomethane	9.46	93	54243	61.02	ug/l	99
47) Bromodichloromethane	9.65	83	103403	47.98	ug/l	98
48) Methyl methacrylate	9.44	41	56202	65.68	ug/l	97
49) 1,4-Dioxane	9.47	88	16207	1184.26	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	264828	292.82	ug/l	100
52) Toluene	10.39	92	220126	50.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	88563	41.24	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	100072	40.61	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	71908	57.80	ug/l	97
56) Ethyl methacrylate	10.65	69	11596	7.60	ug/l #	74
57) 1,3-Dichloropropane	10.93	76	117859	57.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	111937	192.09	ug/l	99
59) 2-Hexanone	10.97	43	155135	240.29	ug/l	98
60) Dibromochloromethane	11.13	129	68481	44.19	ug/l	100
61) 1,2-Dibromoethane	11.24	107	65374	52.59	ug/l	100
64) Tetrachloroethene	10.87	164	76806	50.36	ug/l	99
65) Chlorobenzene	11.66	112	224283	53.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	84589	56.60	ug/l	99
67) Ethyl Benzene	11.74	91	377645	51.81	ug/l	98
68) m/p-Xylenes	11.84	106	290379	100.80	ug/l	99
69) o-Xylene	12.17	106	140208	51.07	ug/l	100
70) Styrene	12.18	104	179581	40.22	ug/l	97
71) Bromoform	12.35	173	37842	45.39	ug/l #	99
73) Isopropylbenzene	12.47	105	324896	64.92	ug/l	99
74) N-amyl acetate	12.27	43	2389	2.46	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	71084	93.39	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	56055m	103.61	ug/l	
77) Bromobenzene	12.75	156	88550	72.24	ug/l	99
78) n-propylbenzene	12.81	91	327217	56.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	196799	60.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	238606	56.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10247	45.27	ug/l	89
82) 4-Chlorotoluene	12.99	91	204758	59.75	ug/l	100
83) tert-Butylbenzene	13.21	119	205062	54.33	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244653	57.31	ug/l	100
85) sec-Butylbenzene	13.39	105	230637	43.25	ug/l	100
86) p-Isopropyltoluene	13.51	119	201101	41.70	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	124518	51.05	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126804	52.21	ug/l	98
89) n-Butylbenzene	13.83	91	129750	29.42	ug/l	100
90) Hexachloroethane	14.10	117	27935	34.19	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	112448	51.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9686	71.08	ug/l	98
93) 1,2,4-Trichlorobenzene	15.14	180	39888	23.82	ug/l	100

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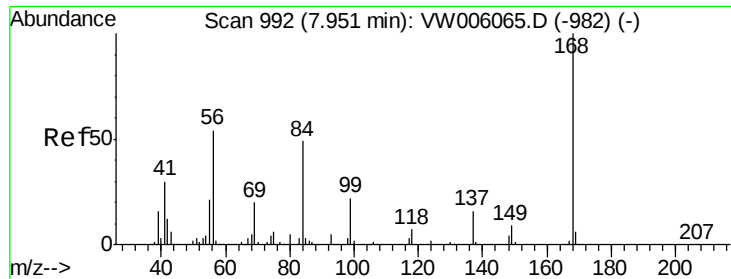
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	16777	15.95	ug/l	99
95) Naphthalene	15.38	128	105590	37.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	32691	22.57	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion: 168 Resp: 178537

Ion Ratio Lower Upper

168 100

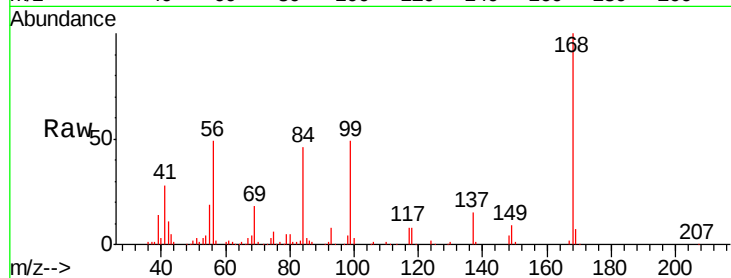
99 48.6 39.9 59.9

Manual Integrations

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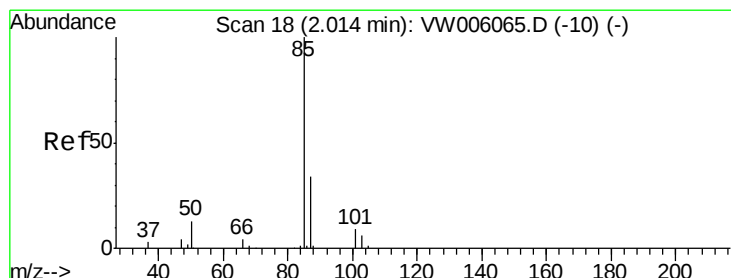
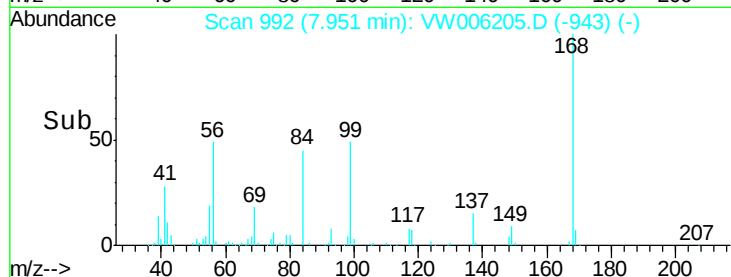
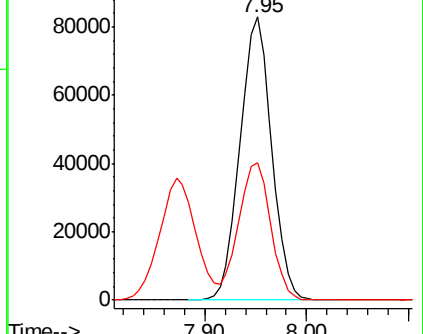
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 58.52 ug/l m

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006205.D

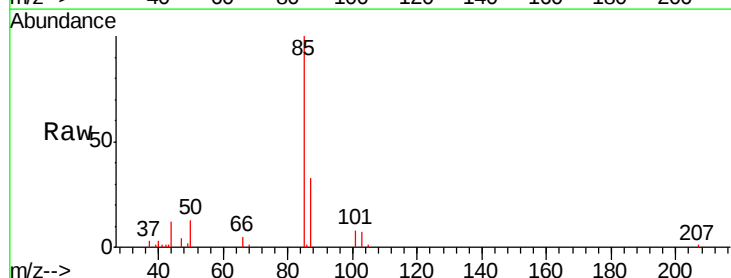
Acq: 19 Oct 2018 06:04

Tgt Ion: 85 Resp: 51705

Ion Ratio Lower Upper

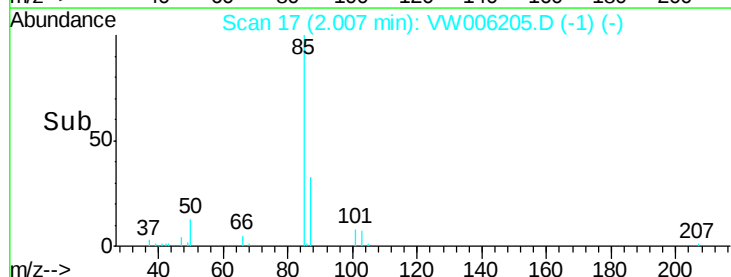
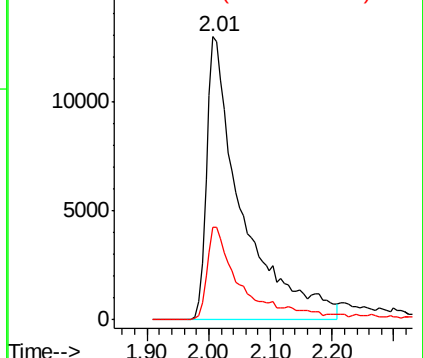
85 100

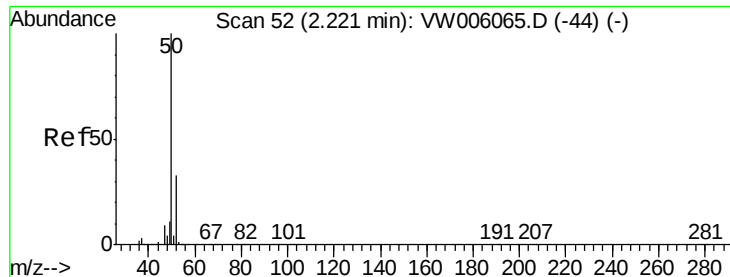
87 32.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.86 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion: 50 Resp: 58978

Ion Ratio Lower Upper

50 100

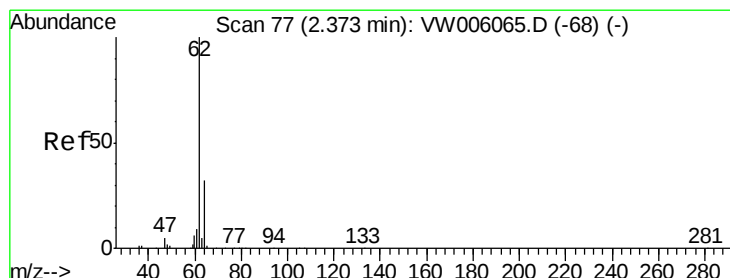
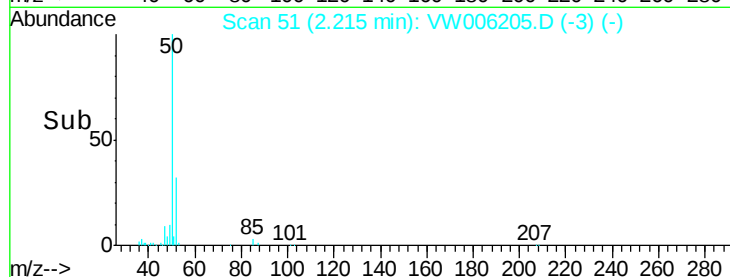
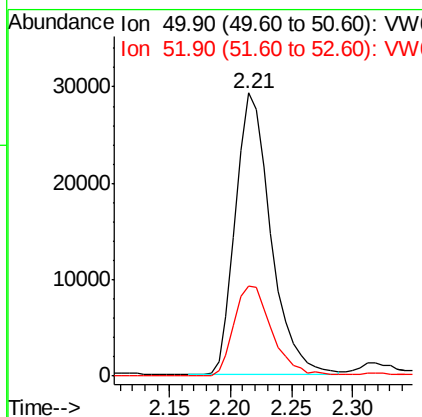
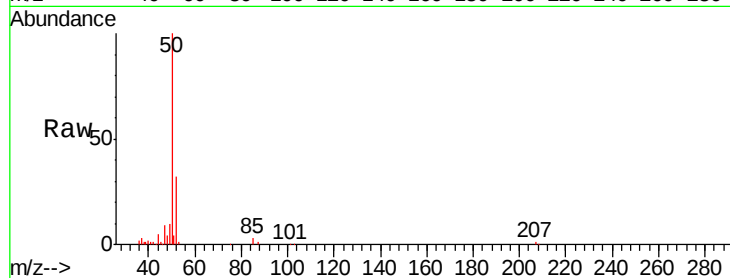
52 31.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.89 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006205.D

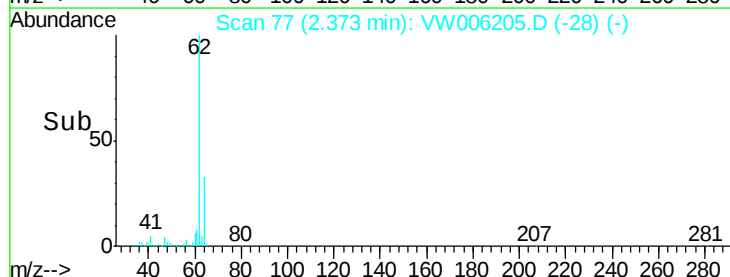
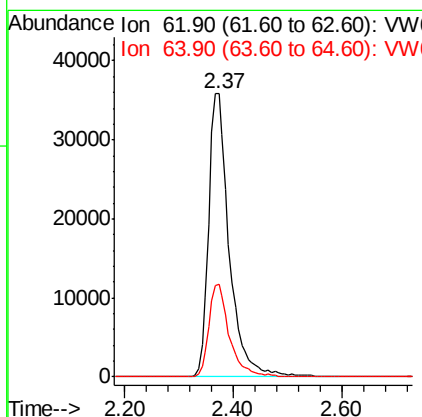
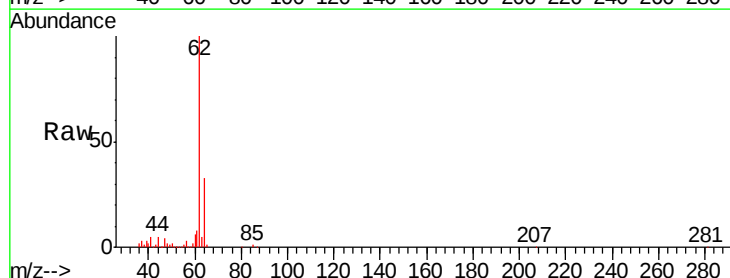
Acq: 19 Oct 2018 06:04

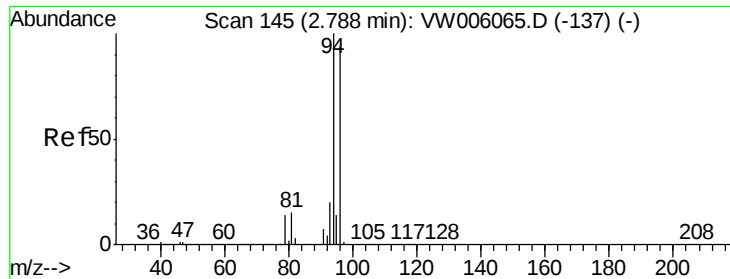
Tgt Ion: 62 Resp: 94026

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 38.47 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampled :

RLF-SD-5MS

Tgt Ion: 94 Resp: 56823

Ion Ratio Lower Upper

94 100

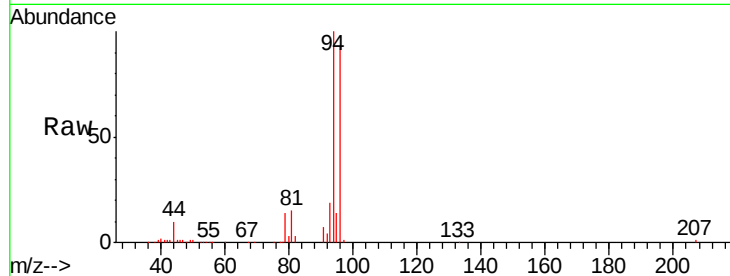
96 93.1 74.9 112.3

Manual Integrations

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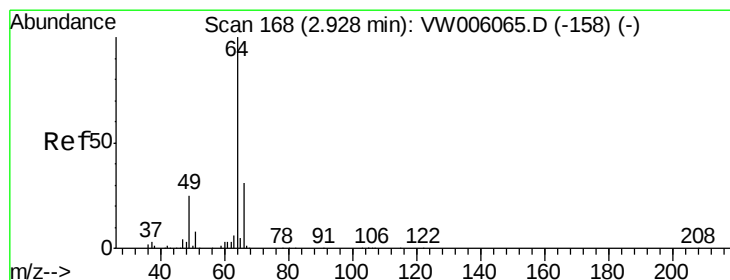
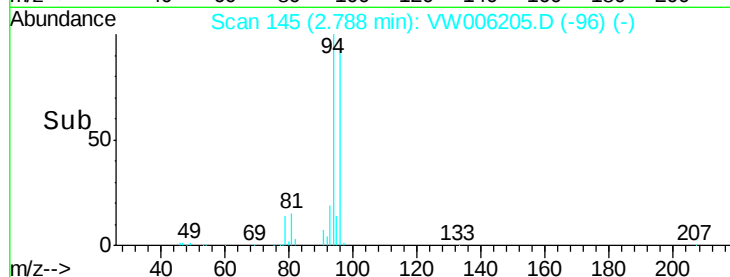
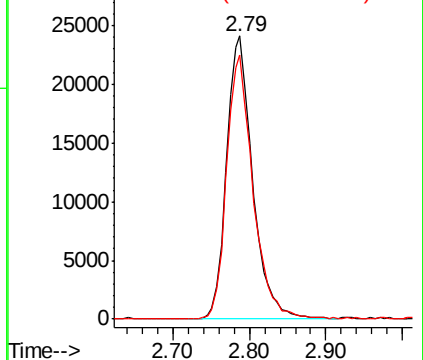
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 56.21 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006205.D

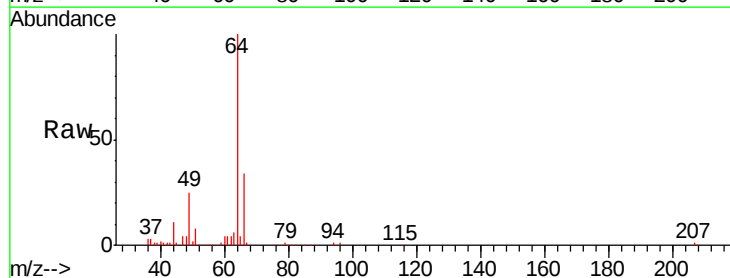
Acq: 19 Oct 2018 06:04

Tgt Ion: 64 Resp: 65421

Ion Ratio Lower Upper

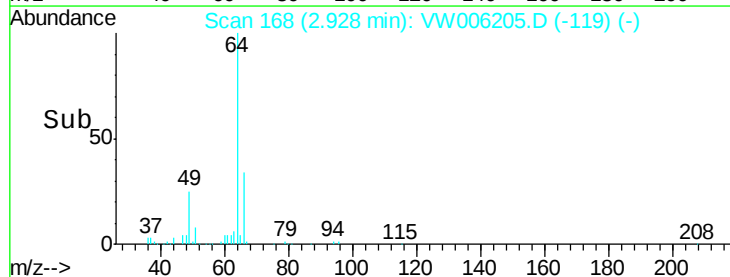
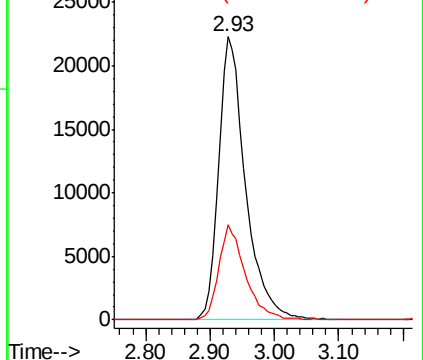
64 100

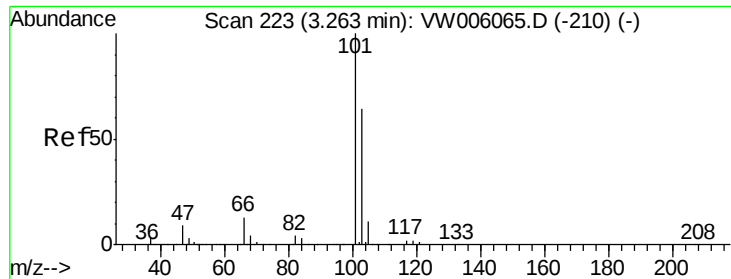
66 33.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

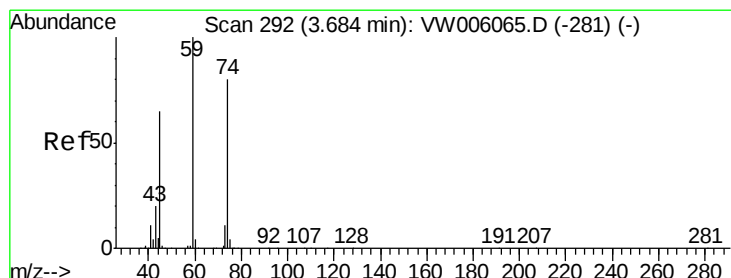
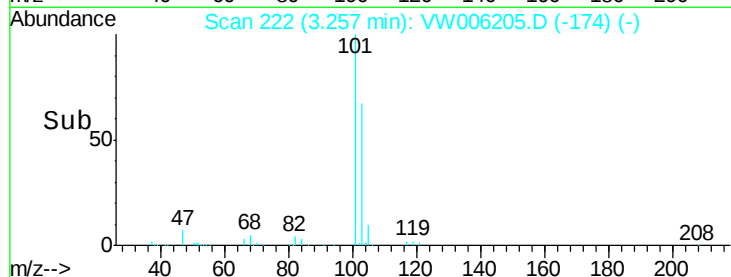
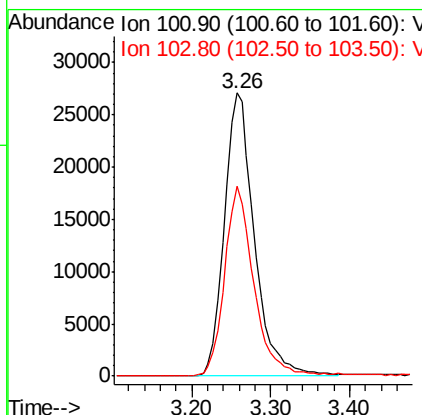
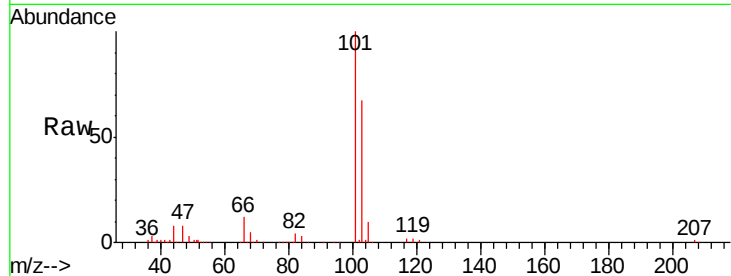
Trichlorofluoromethane
 Concen: 47.41 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

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 RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.2	76.8

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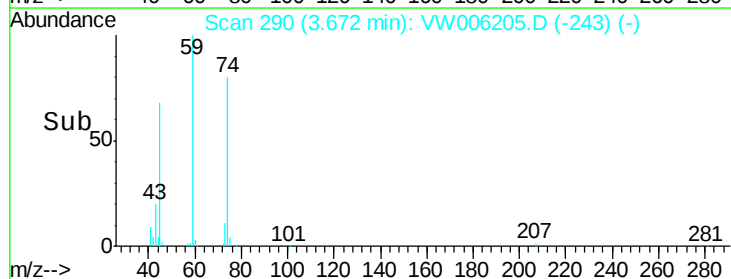
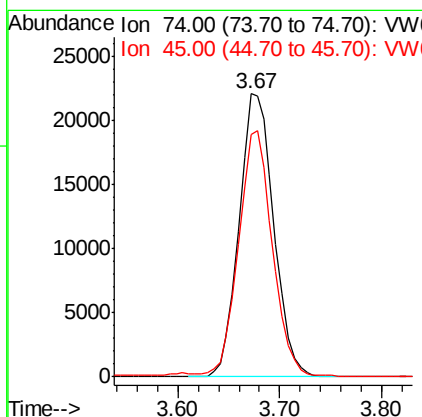
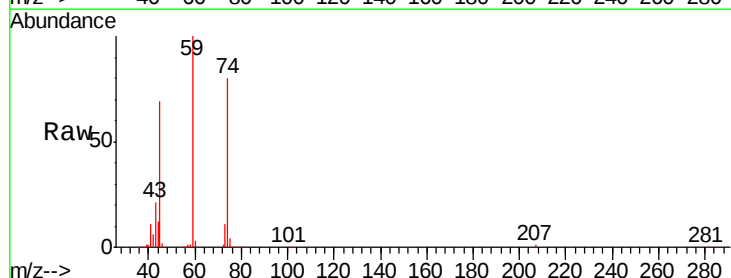
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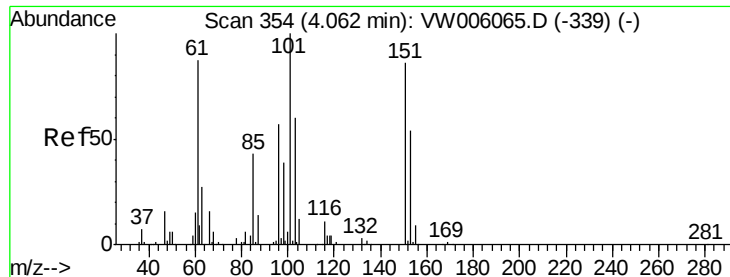


#8

Diethyl Ether
 Concen: 64.47 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.58 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

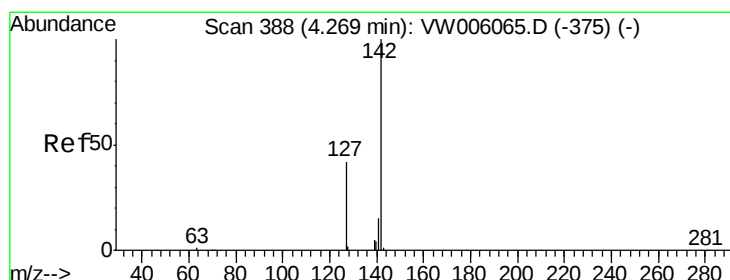
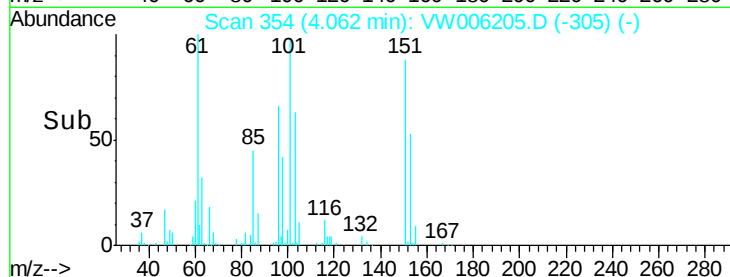
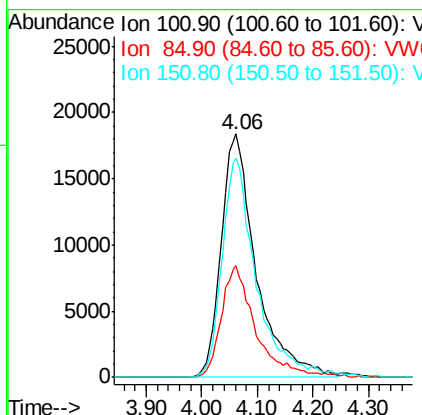
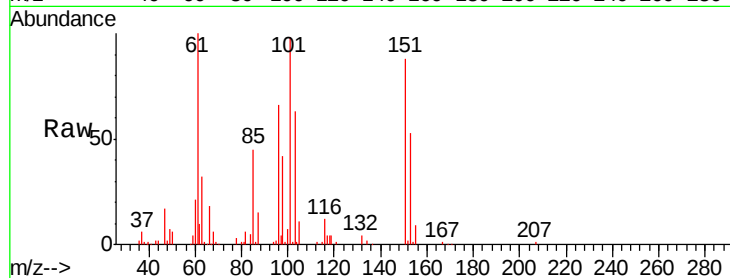
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	101	Resp:	80204
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.9	52.3
151	85.5	70.4	105.6

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#10

Methyl Iodide

Concen: 27.59 ug/l

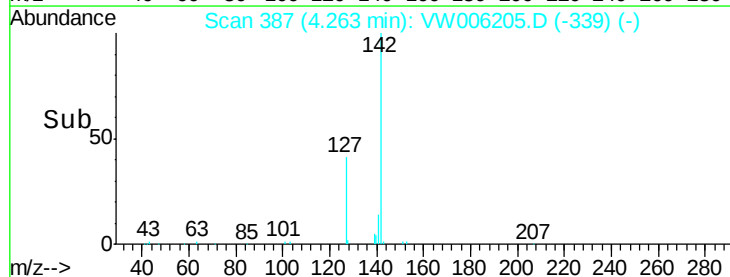
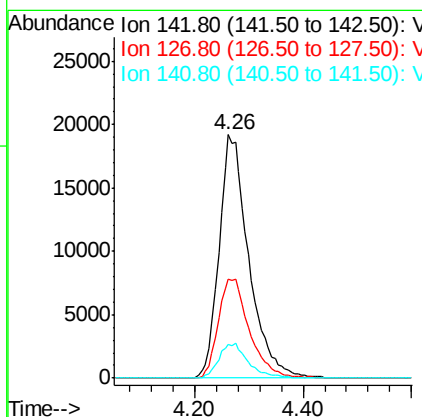
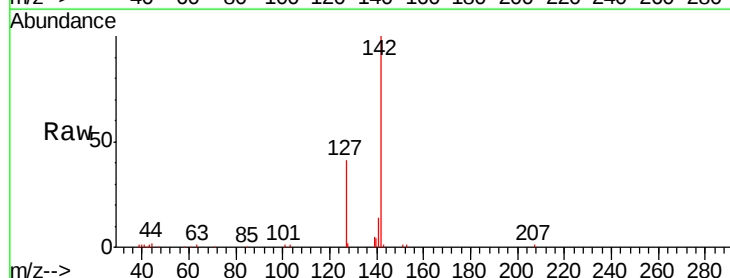
RT: 4.26 min Scan# 387

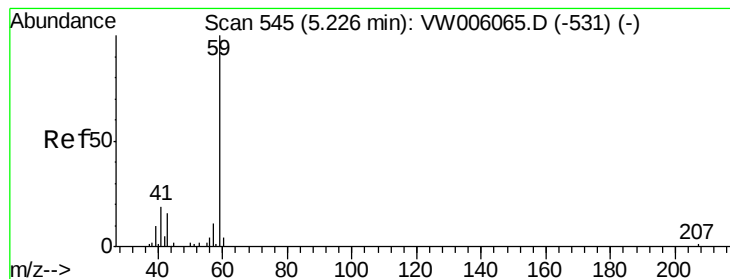
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	142	Resp:	72803
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.6	50.4
141	14.2	11.6	17.4





#11

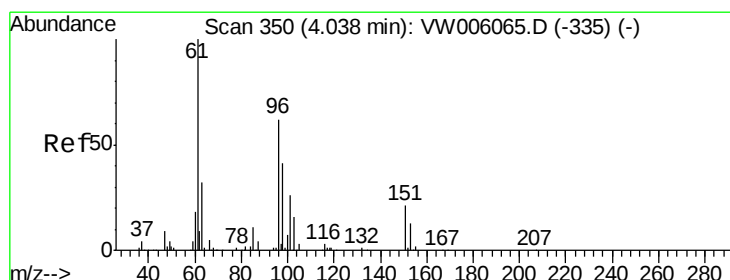
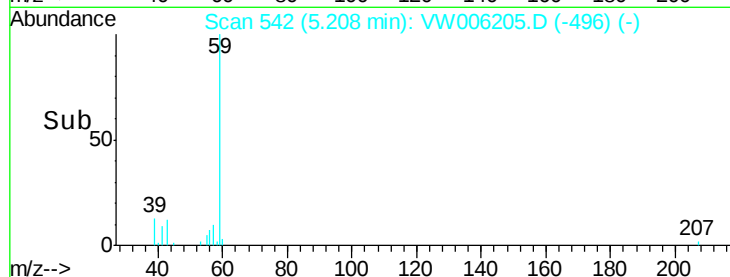
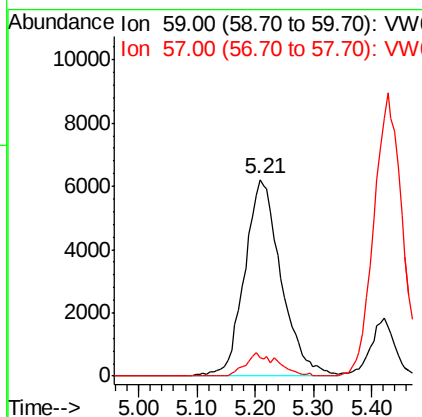
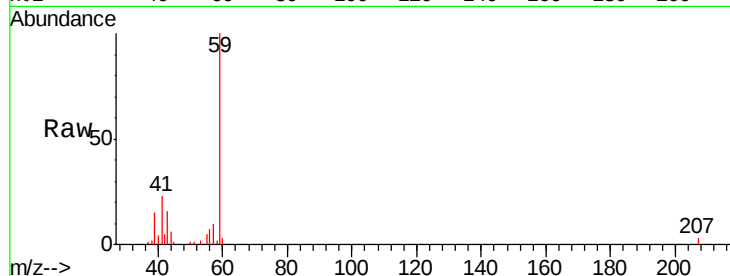
Tert butyl alcohol
Concen: 271.57 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 59 Resp: 27034
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

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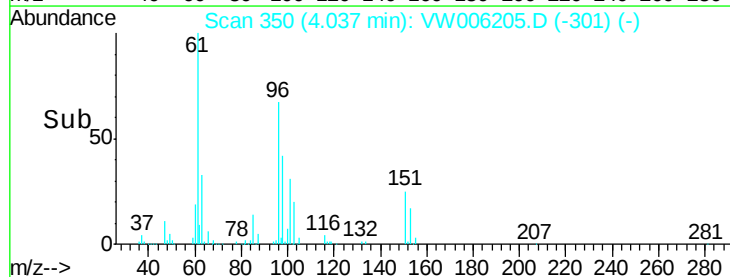
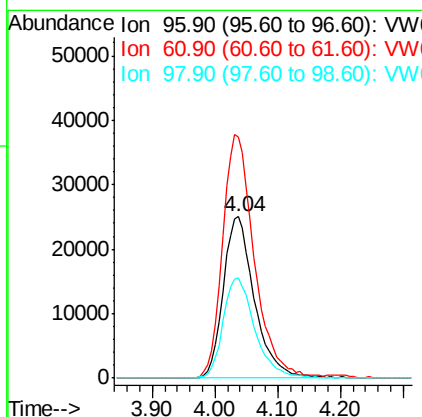
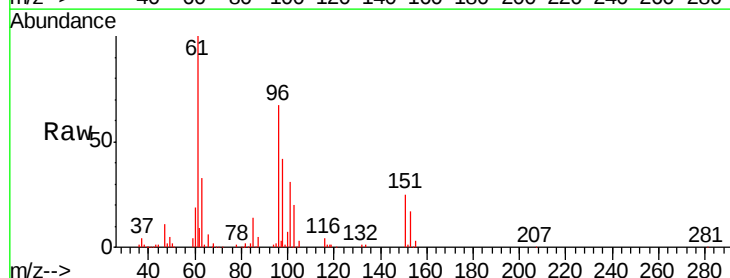
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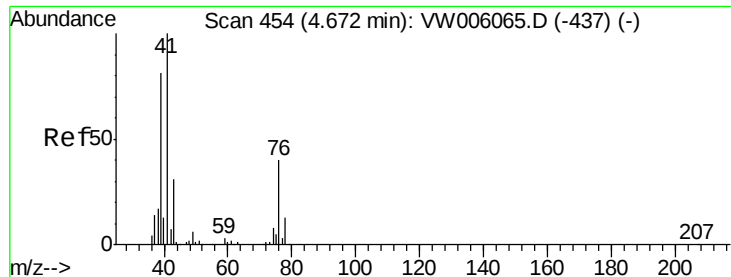


#12

1,1-Dichloroethene
Concen: 57.54 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 96 Resp: 85839
Ion Ratio Lower Upper
96 100
61 149.7 129.3 193.9
98 62.1 53.1 79.7





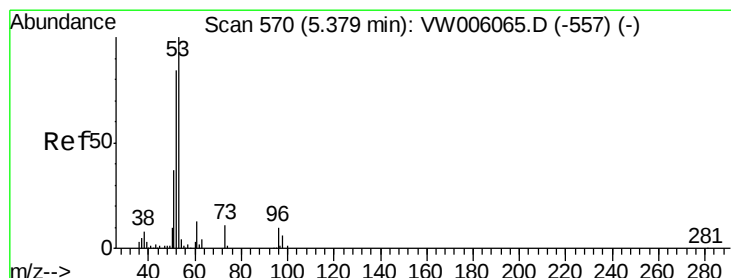
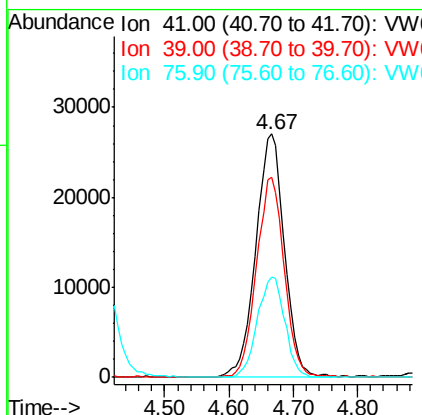
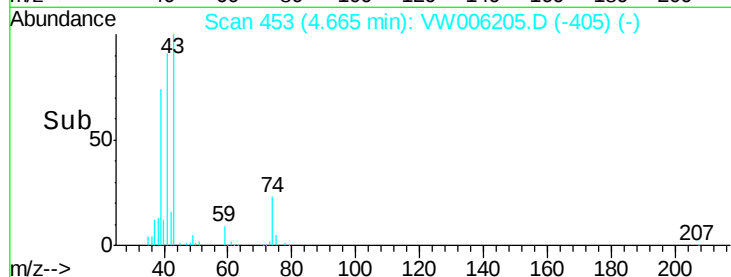
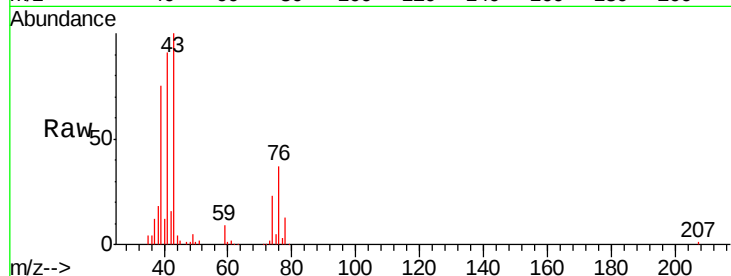
#14
 Allyl chloride
 Concen: 38.78 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion:	41	Resp:	82717
Ion	Ratio	Lower	Upper
41	100		
39	80.0	64.1	96.1
76	39.5	32.2	48.4

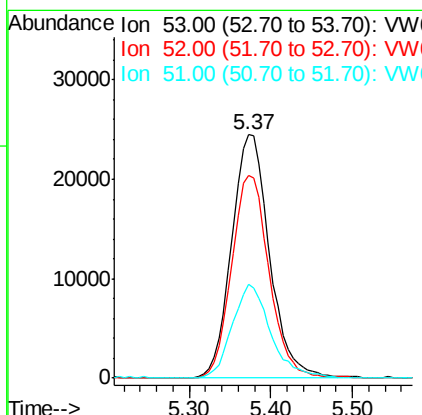
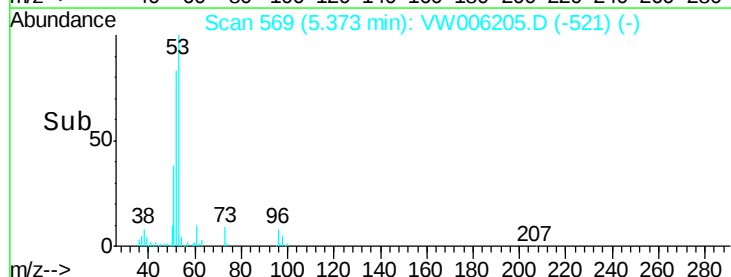
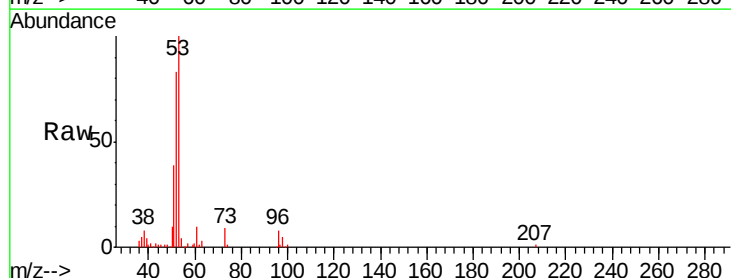
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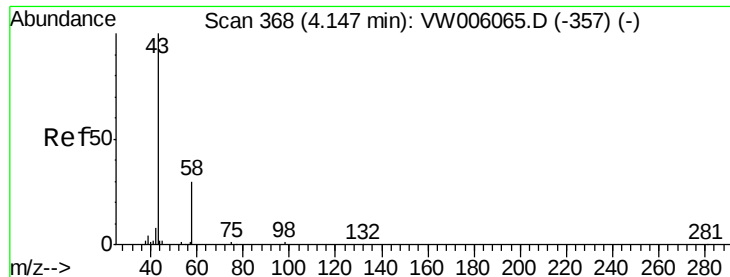
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#15
 Acrylonitrile
 Concen: 273.71 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion:	53	Resp:	78941
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	39.1	30.1	45.1





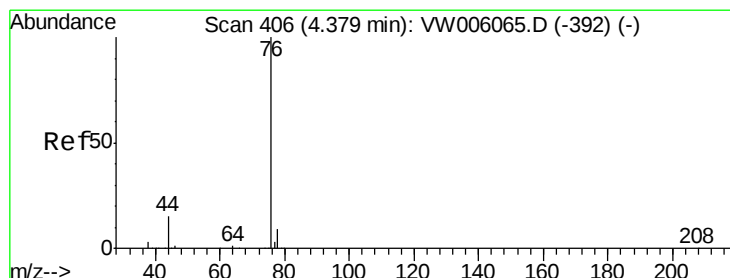
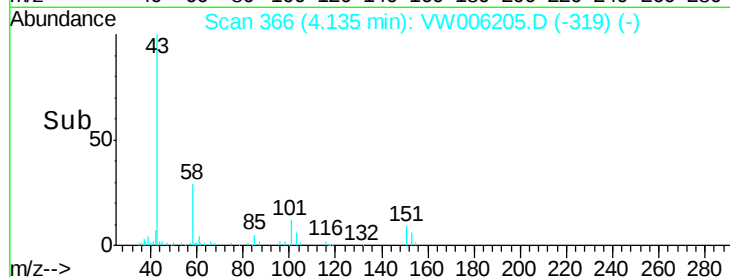
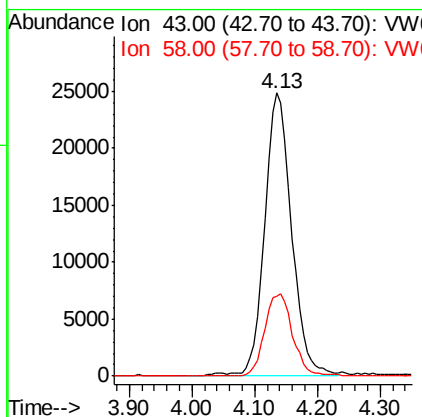
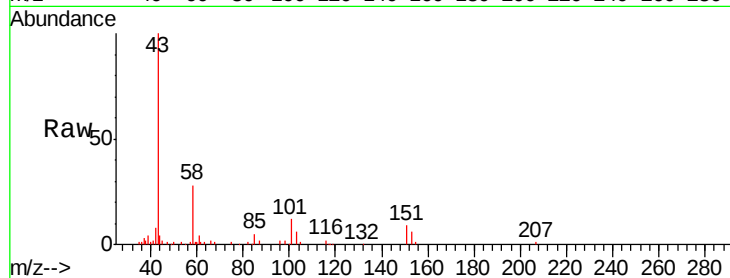
#16
Acetone
Concen: 267.83 ug/l
RT: 4.13 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.0	36.0

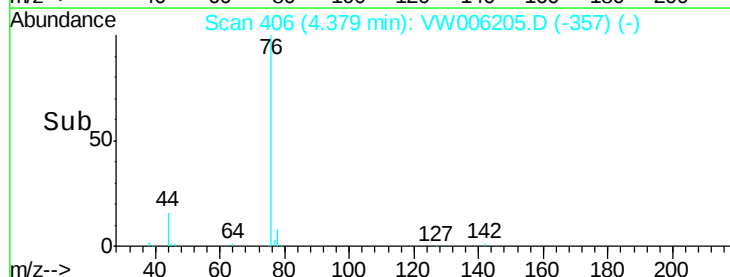
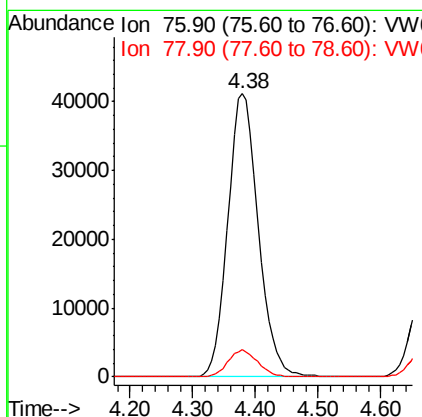
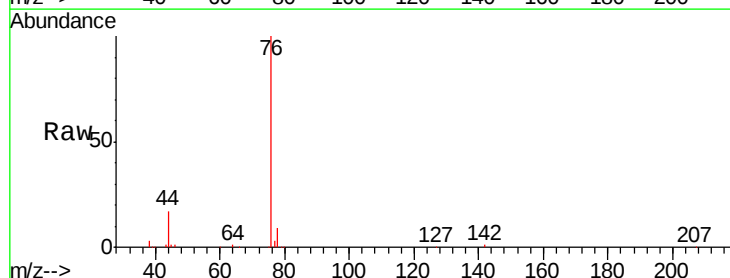
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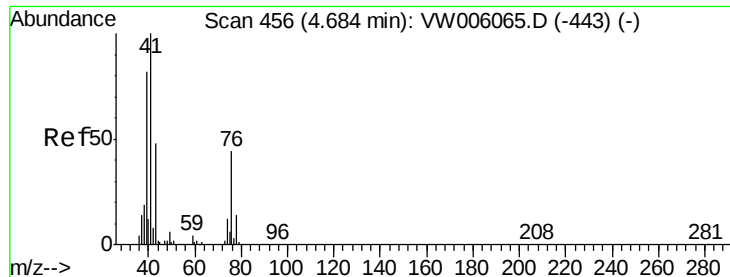
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#17
Carbon Disulfide
Concen: 30.78 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3





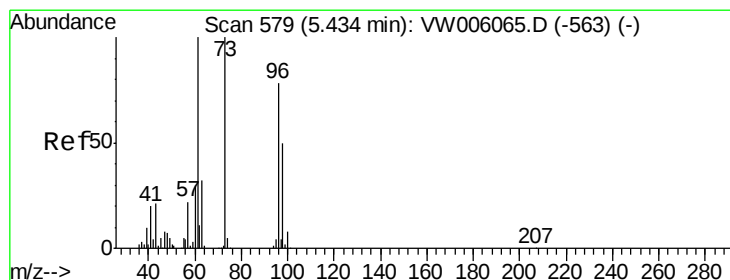
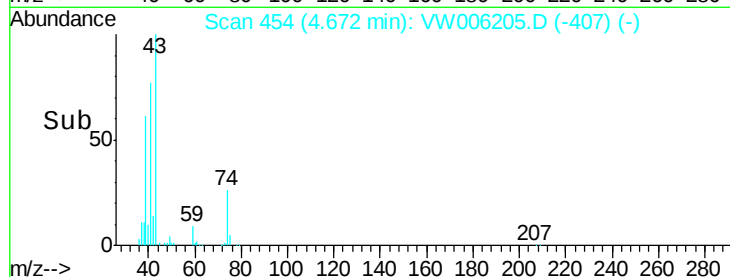
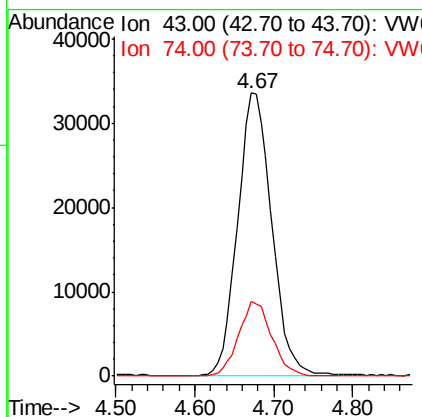
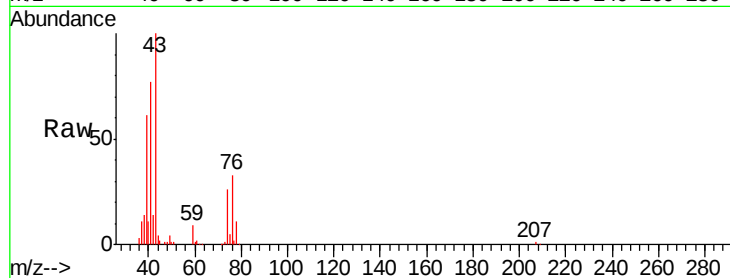
#18
Methyl Acetate
Concen: 134.75 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.5	30.7

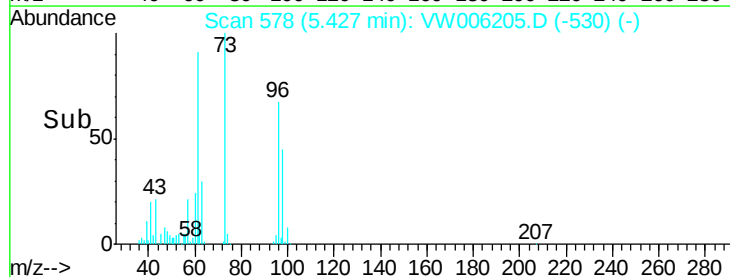
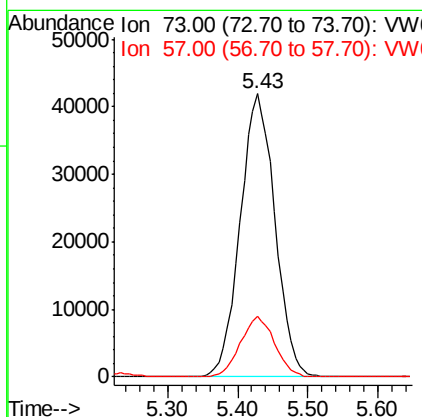
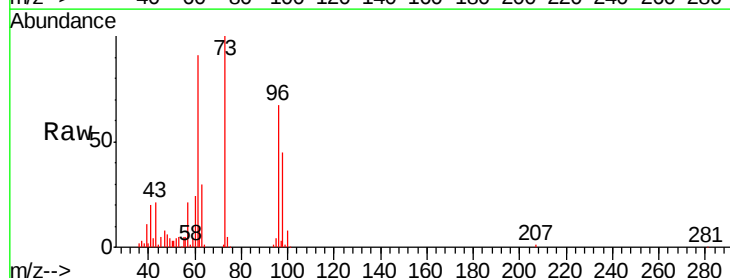
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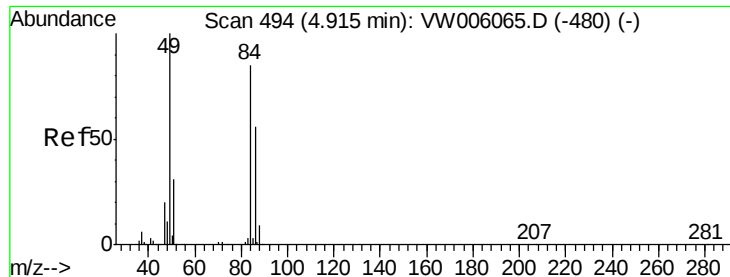
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#19
Methyl tert-butyl Ether
Concen: 63.48 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.2





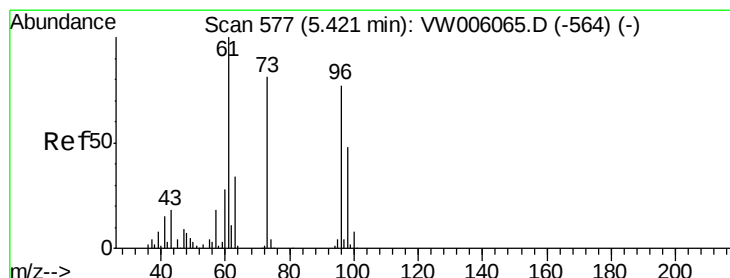
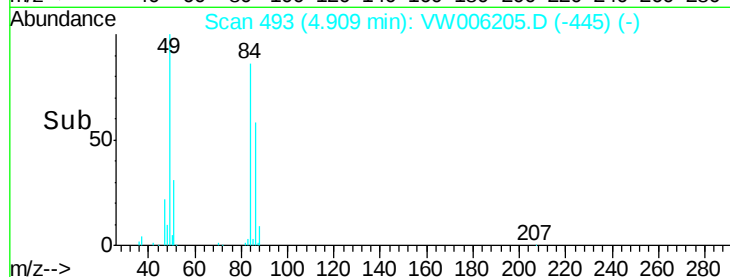
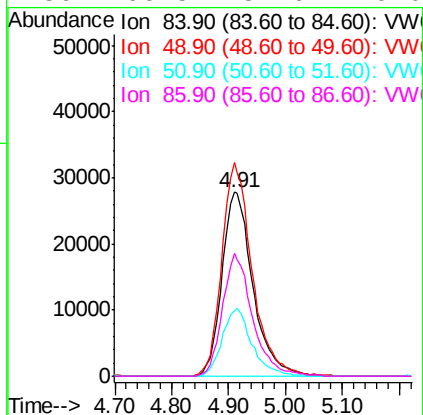
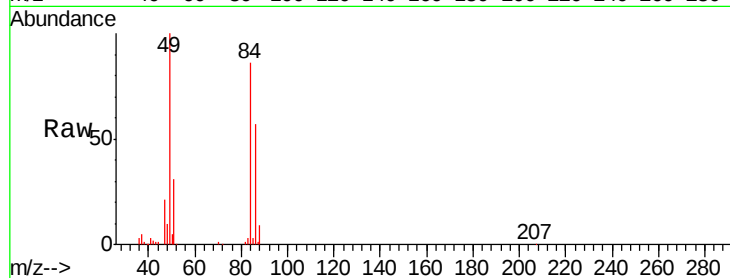
#20
Methylene Chloride
Concen: 67.69 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion:	84	Resp:	105119
Ion	Ratio	Lower	Upper
84	100		
49	116.2	93.6	140.4
51	35.8	29.0	43.4
86	66.5	52.6	79.0

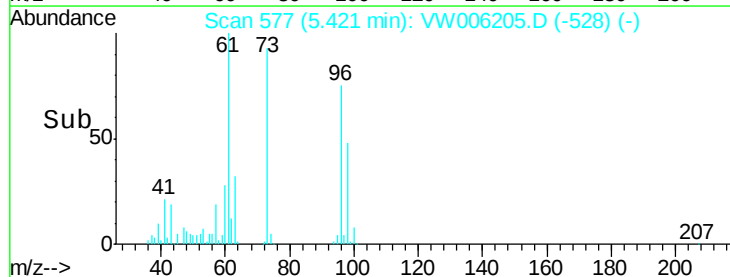
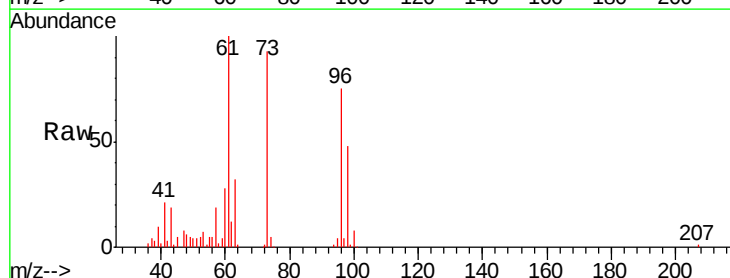
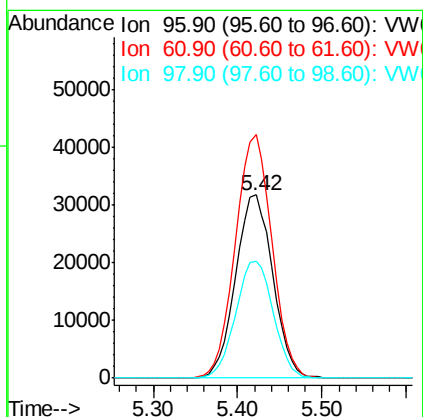
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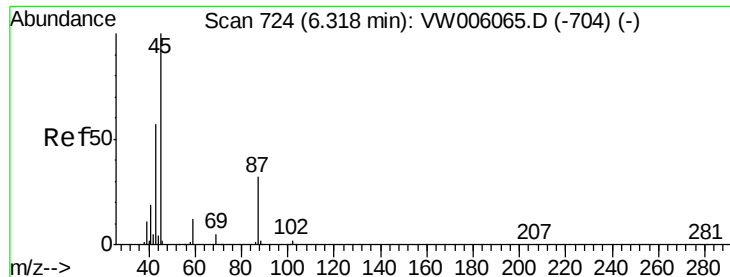
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#21
trans-1,2-Dichloroethene
Concen: 57.06 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion:	96	Resp:	95001
Ion	Ratio	Lower	Upper
96	100		
61	133.1	104.5	156.7
98	63.6	50.6	75.8





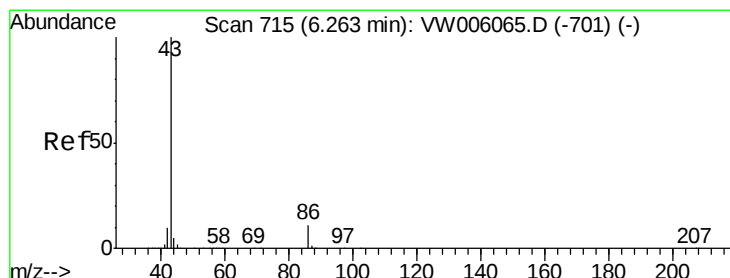
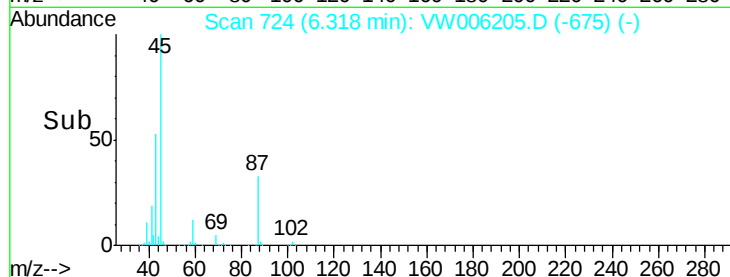
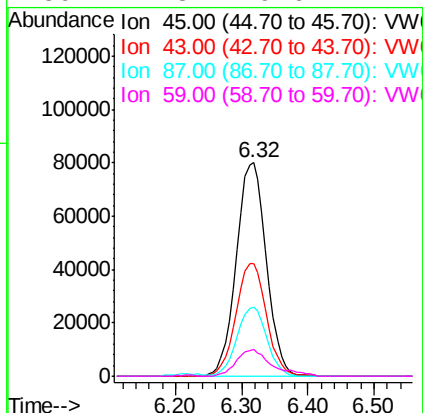
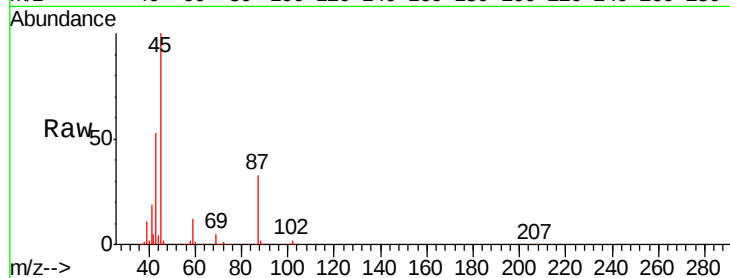
#22
Diisopropyl ether
Concen: 59.91 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.6	45.7	68.5
87	32.4	25.9	38.9
59	12.3	9.6	14.4

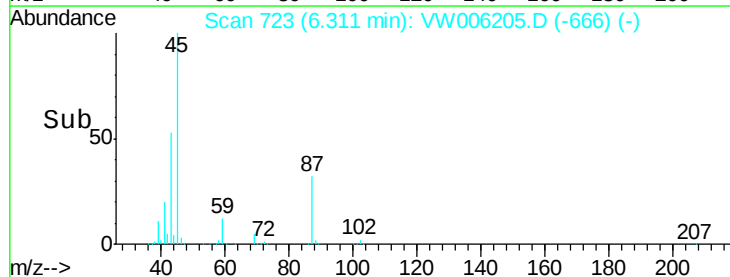
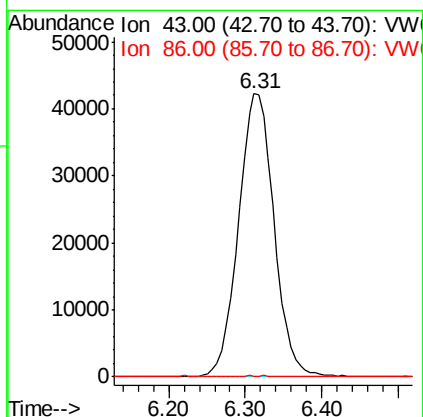
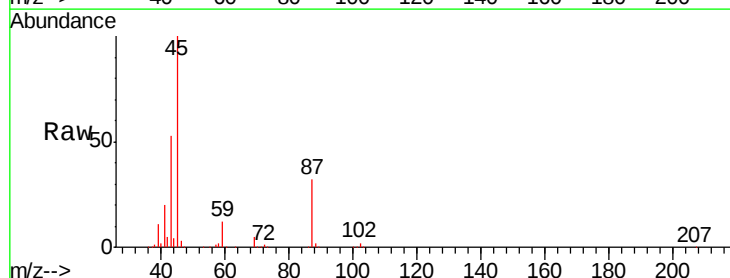
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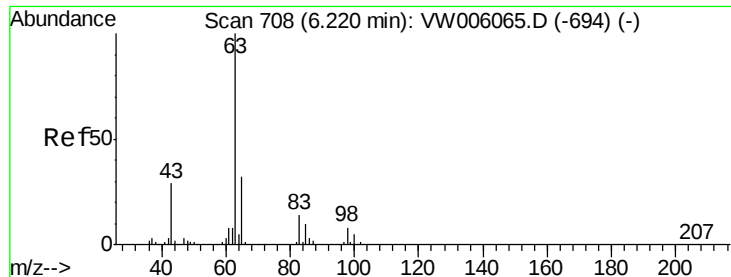
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#23
Vinyl Acetate
Concen: 54.80 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.05 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.3	9.0	13.6#





#24

1,1-Dichloroethane

Concen: 60.54 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

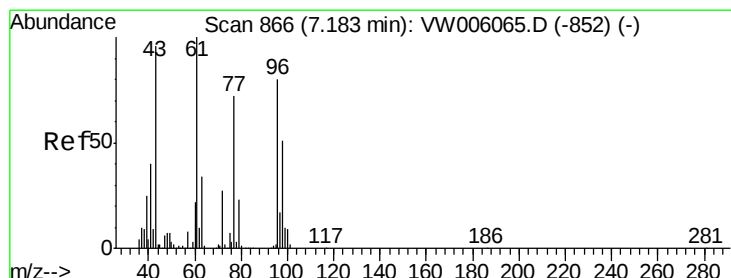
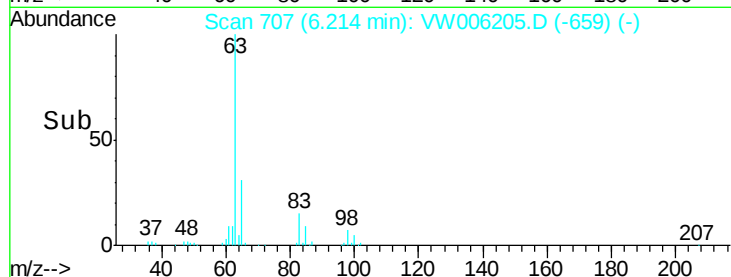
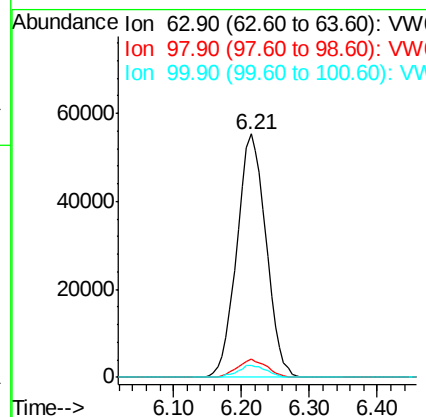
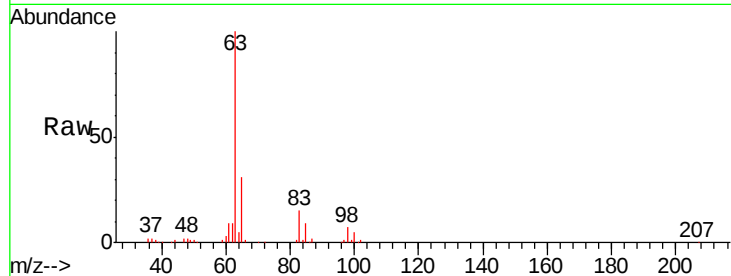
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	63	Resp:	164657
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.8	11.2
100	5.1	2.5	7.5

Manual Integrations
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#25

2-Butanone

Concen: 268.84 ug/l

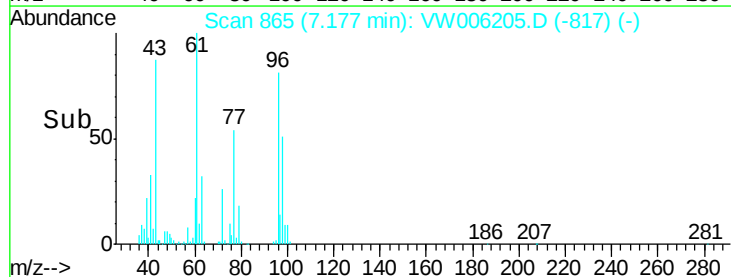
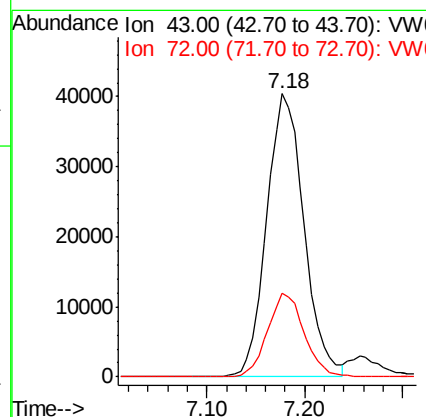
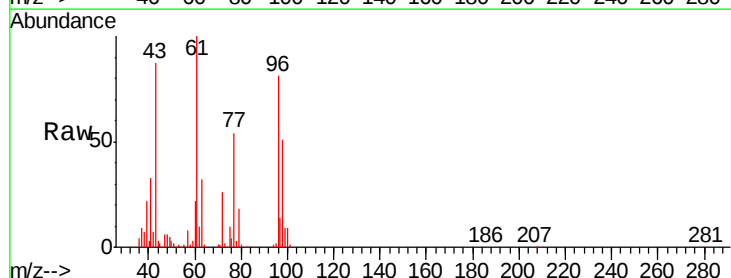
RT: 7.18 min Scan# 865

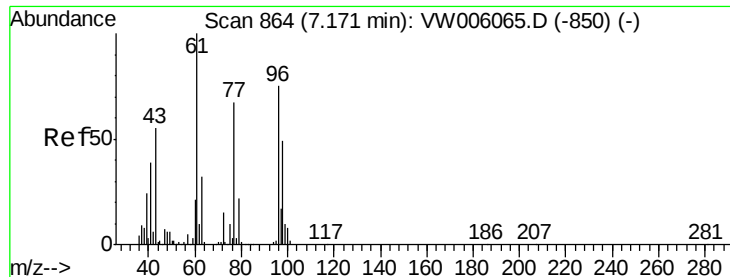
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	43	Resp:	107500
Ion Ratio	Lower	Upper	
43	100		
72	29.5	22.8	34.2





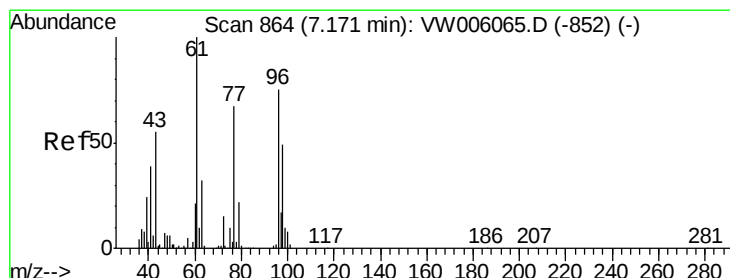
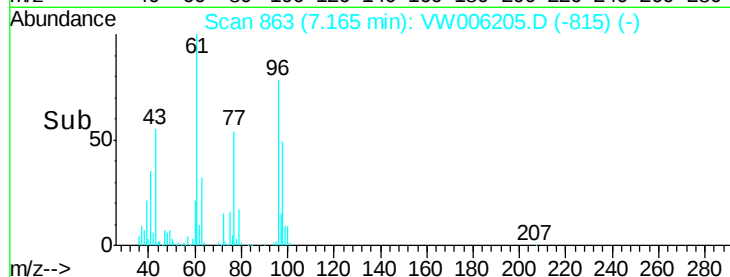
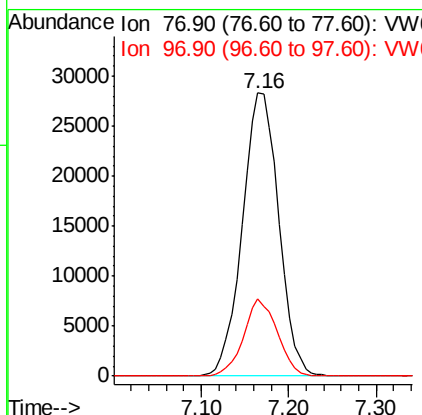
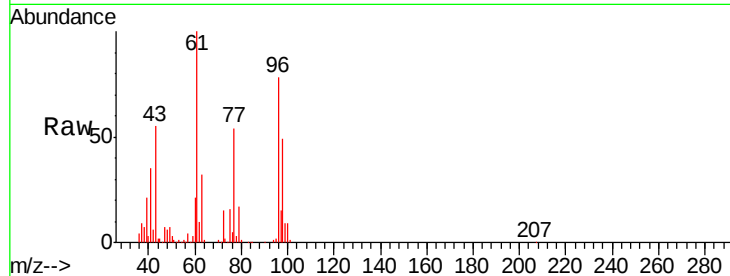
#26
 2,2-Dichloropropane
 Concen: 42.67 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion: 77 Resp: 81857
 Ion Ratio Lower Upper
 77 100
 97 25.3 12.2 36.4

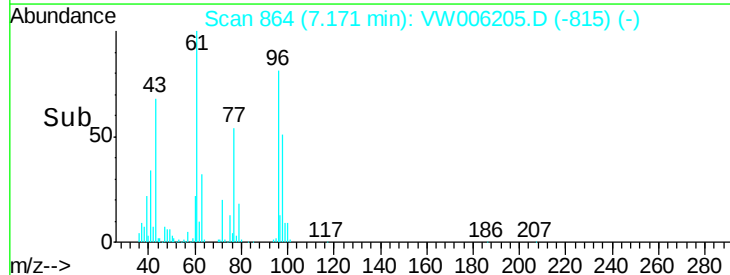
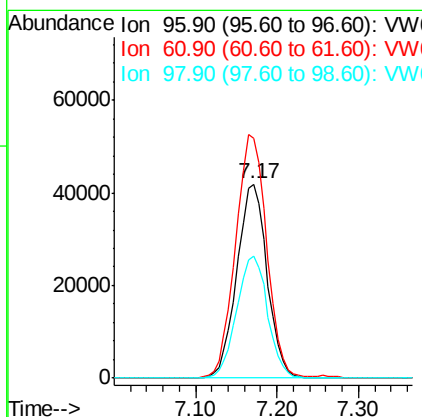
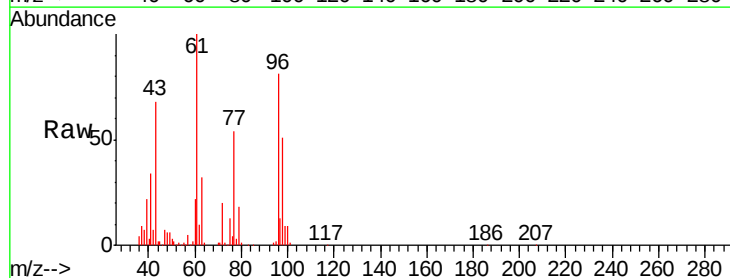
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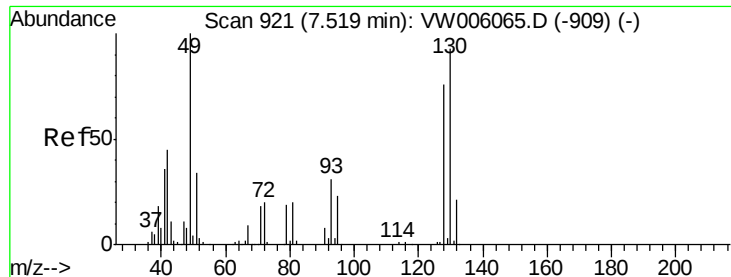
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#27
 cis-1,2-Dichloroethene
 Concen: 58.55 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion: 96 Resp: 107586
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 267.2
 98 64.3 0.0 128.6





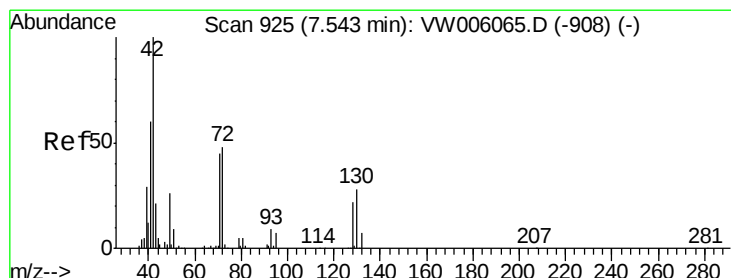
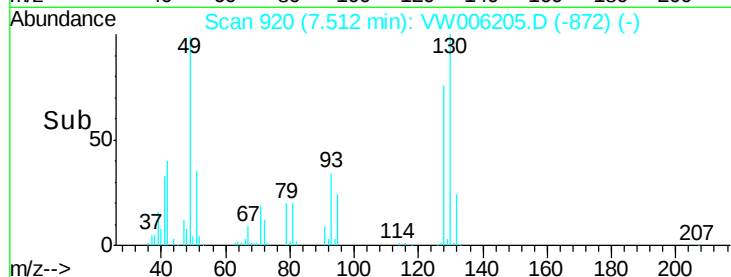
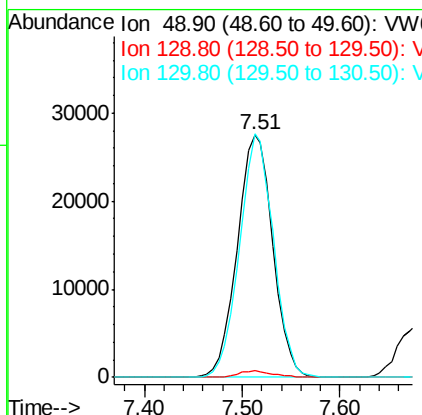
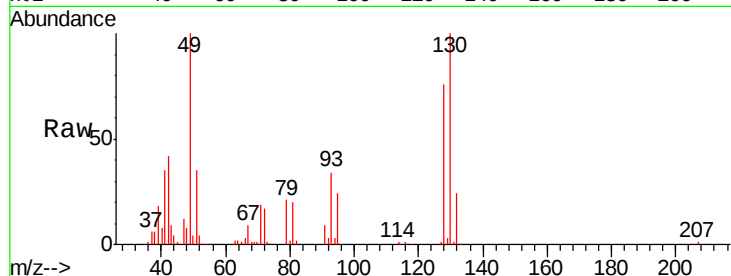
#28
Bromochloromethane
Concen: 65.82 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 49 Resp: 69109
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 95.9 73.8 110.8

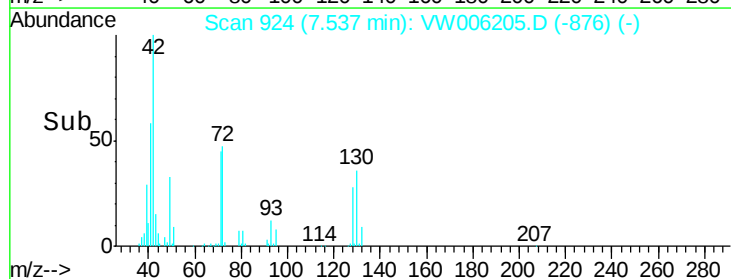
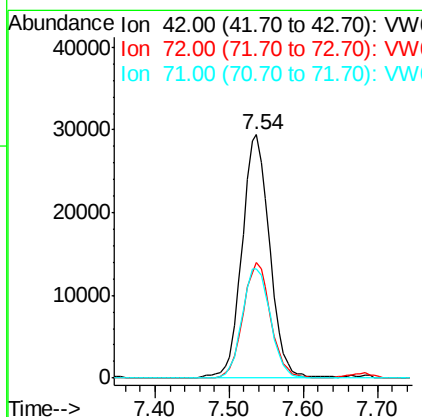
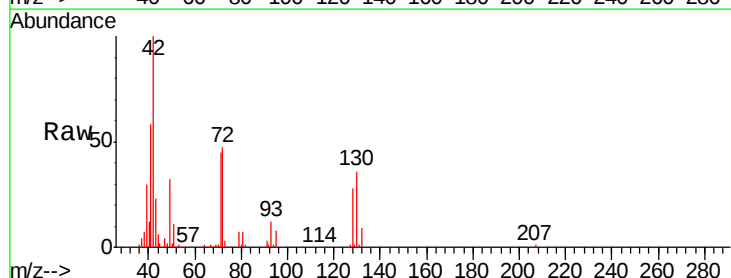
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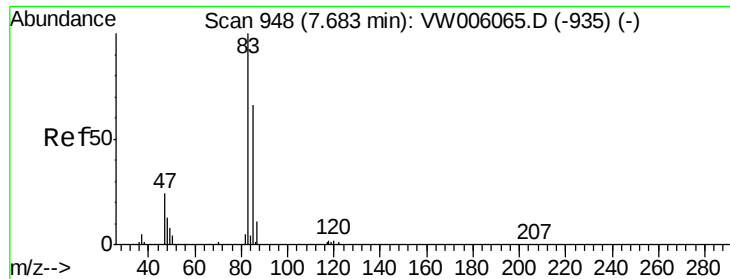
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#29
Tetrahydrofuran
Concen: 312.67 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 42 Resp: 76851
Ion Ratio Lower Upper
42 100
72 47.2 38.0 57.0
71 46.0 35.3 52.9





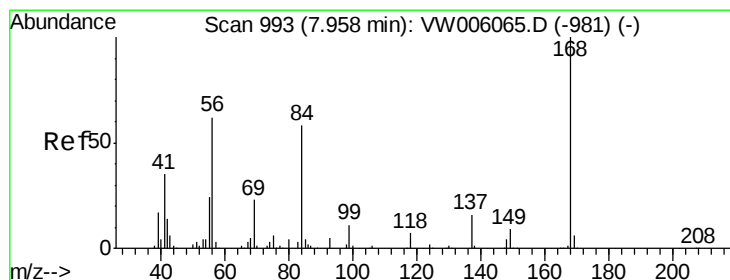
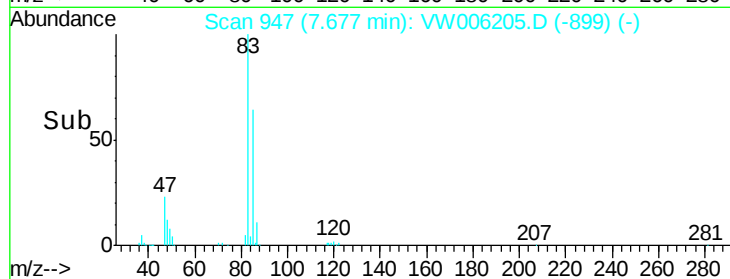
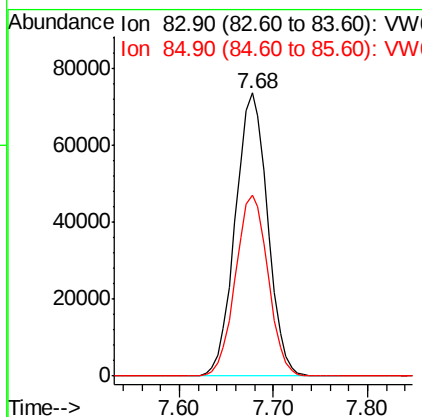
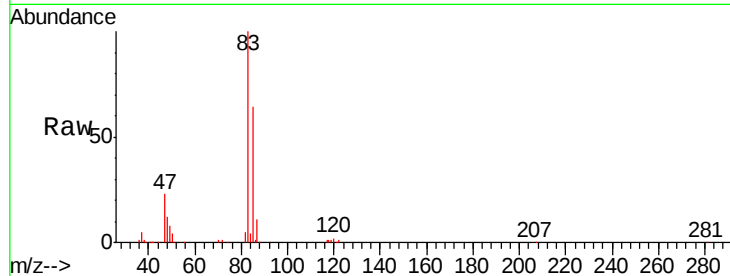
#30
Chloroform
Concen: 59.51 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 83 Resp: 176345
Ion Ratio Lower Upper
83 100
85 64.0 52.6 79.0

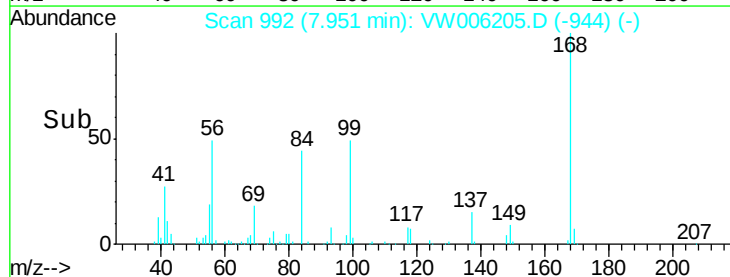
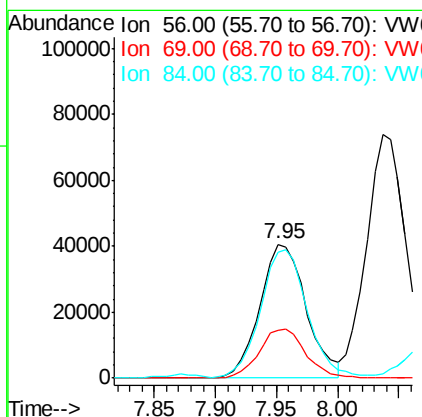
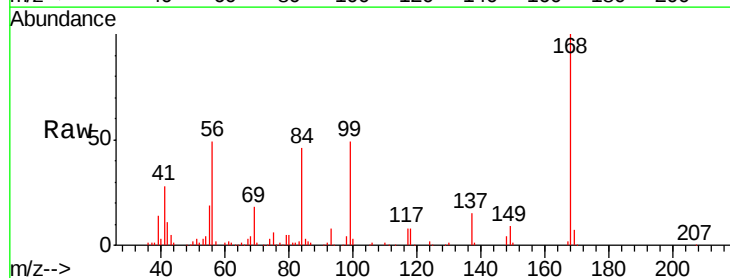
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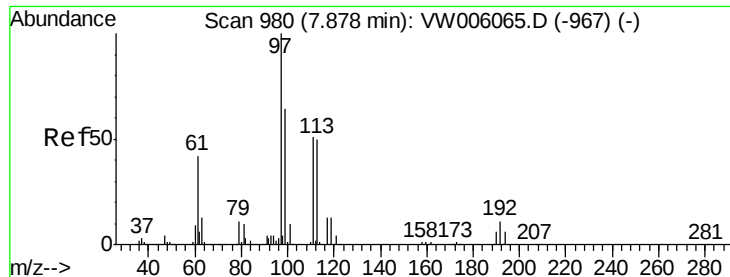
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#31
Cyclohexane
Concen: 39.60 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 56 Resp: 107253
Ion Ratio Lower Upper
56 100
69 36.2 29.4 44.0
84 91.7 74.0 111.0





#32

1,1,1-Trichloroethane

Concen: 52.86 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

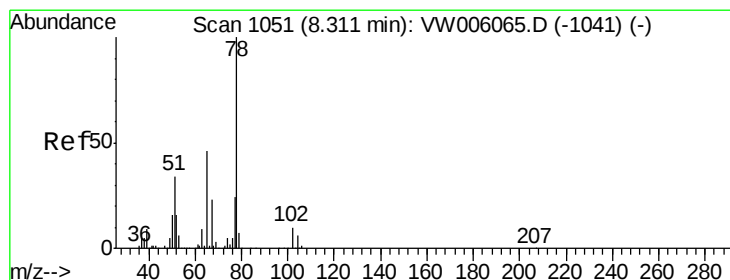
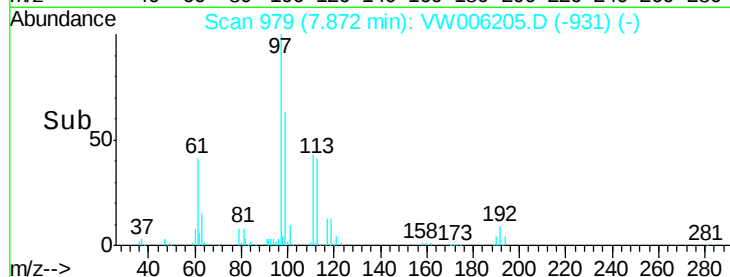
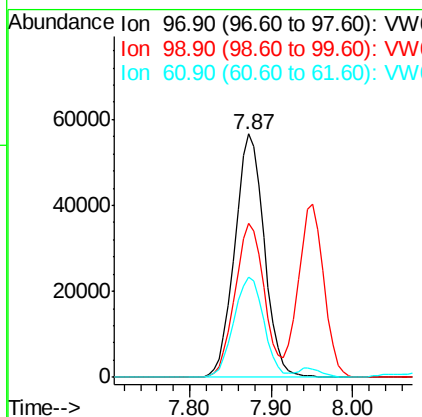
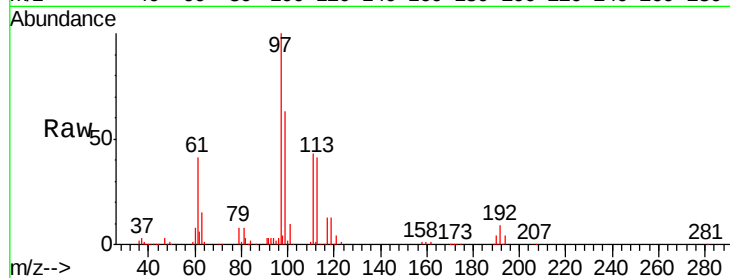
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	97	Resp:	141297
Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.9	76.3
61	42.1	33.7	50.5

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#33

1,2-Dichloroethane-d4

Concen: 57.08 ug/l

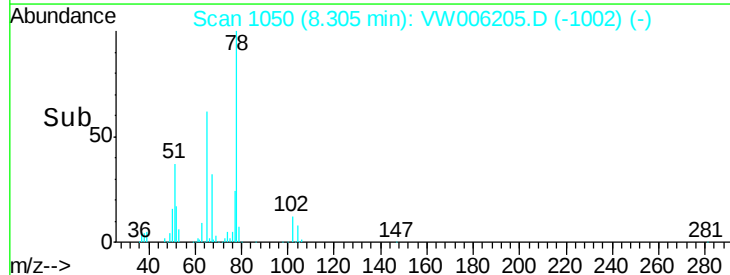
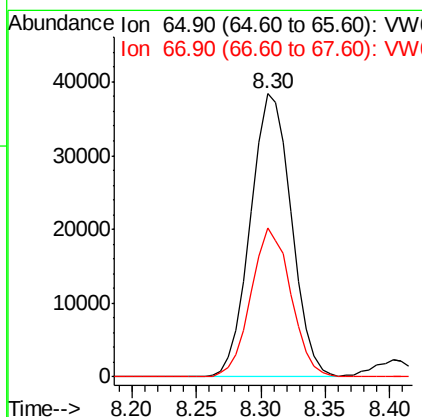
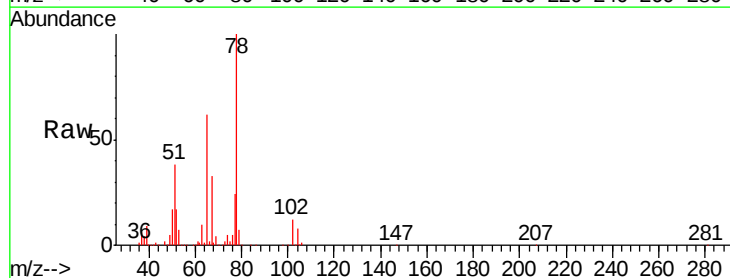
RT: 8.30 min Scan# 1050

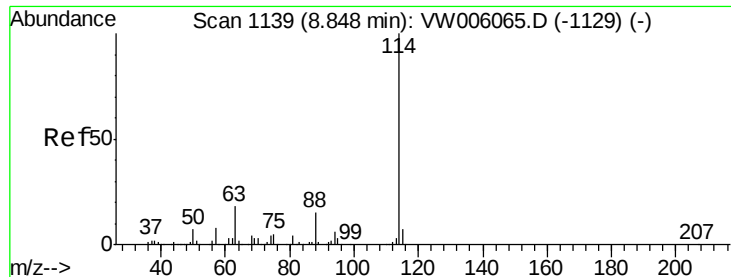
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	65	Resp:	84493
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

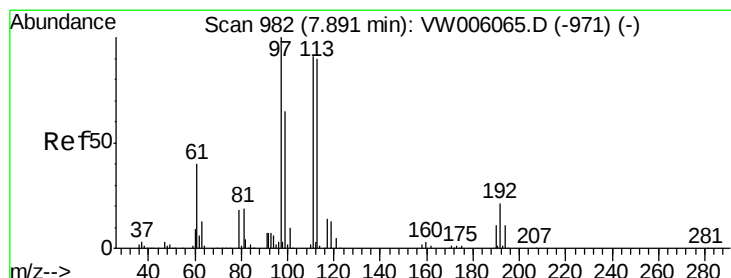
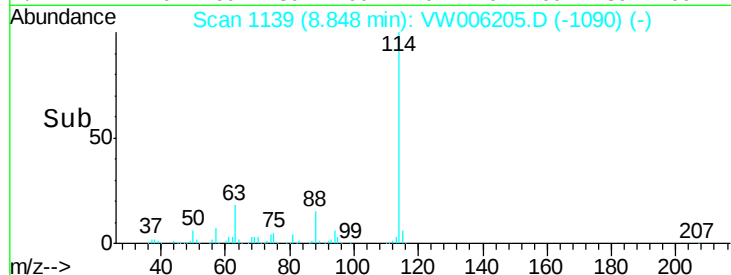
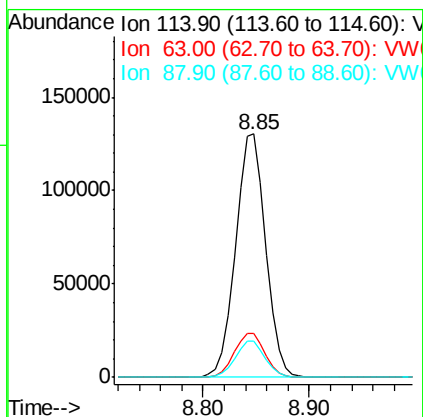
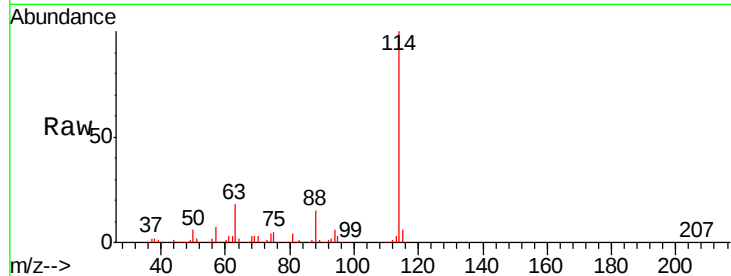
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	114	Resp:	257798
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	36.8
88	14.8	0.0	29.0

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#35

Dibromofluoromethane

Concen: 53.10 ug/l

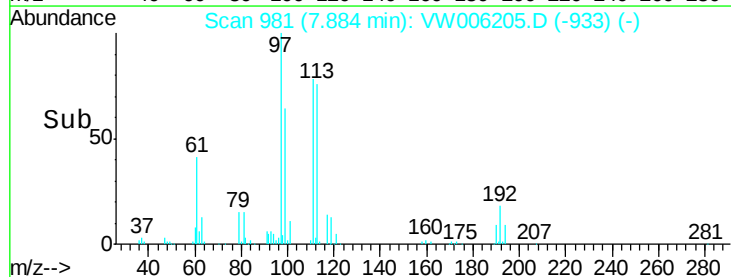
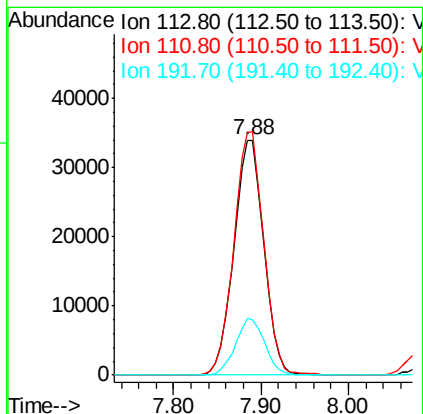
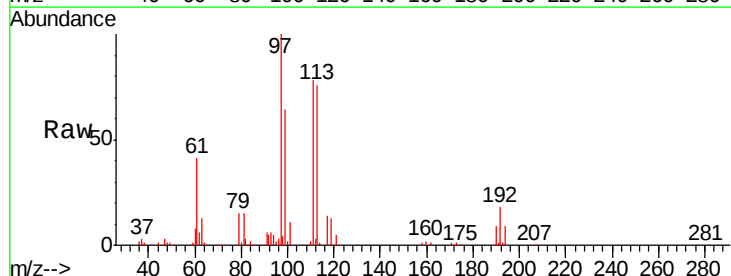
RT: 7.88 min Scan# 981

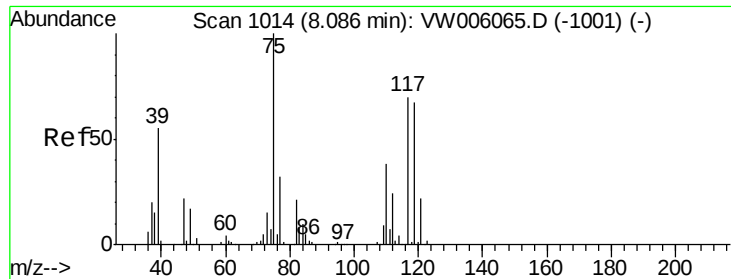
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	113	Resp:	80885
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.4	122.0
192	23.5	18.7	28.1





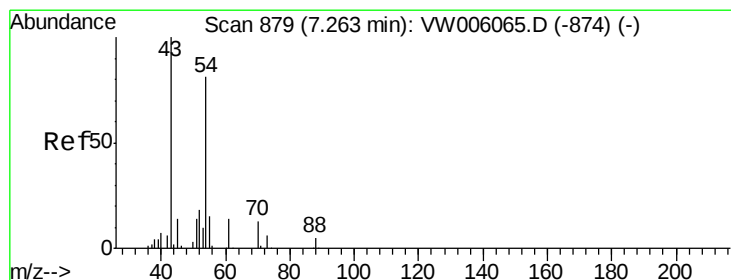
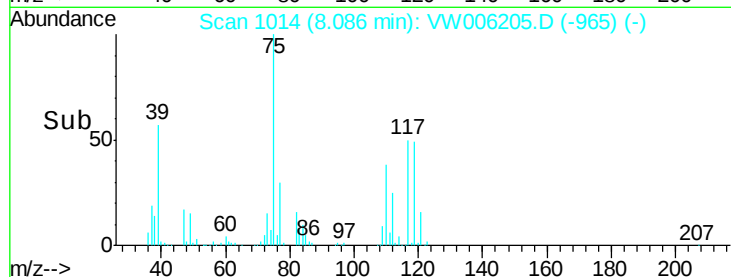
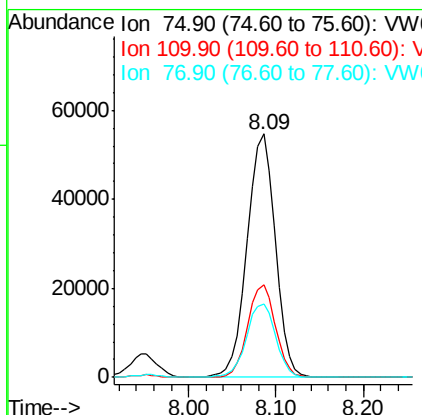
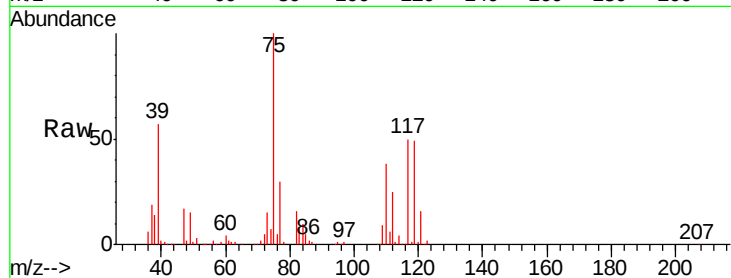
#36
 1,1-Dichloropropene
 Concen: 51.76 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	122987		
110	37.5	19.1	57.1	
77	31.1	25.0	37.4	

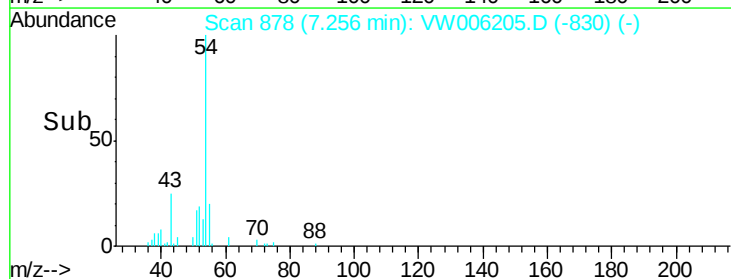
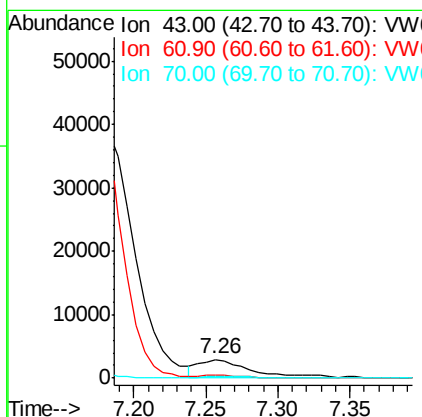
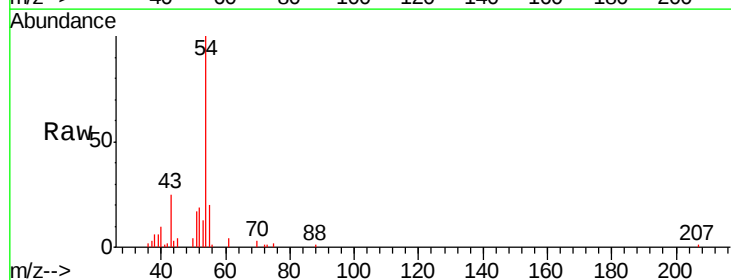
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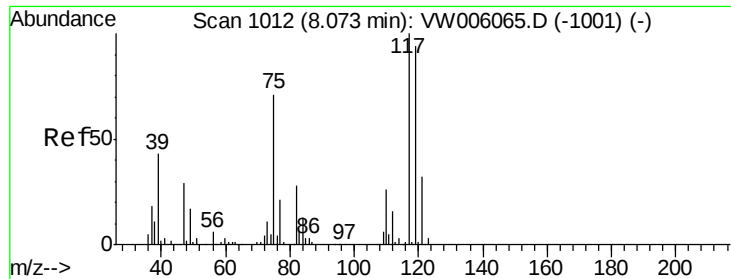
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#37
 Ethyl Acetate
 Concen: 7.64 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	6744		
61	0.0	11.5	17.3#	
70	11.7	9.2	13.8	





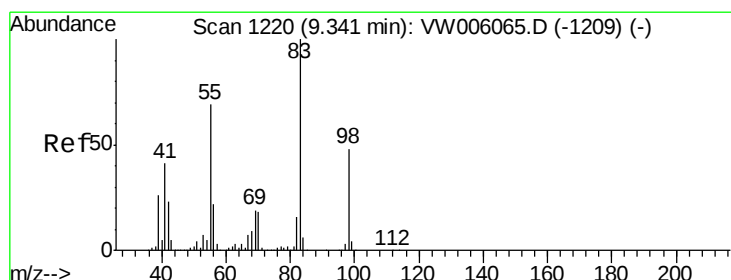
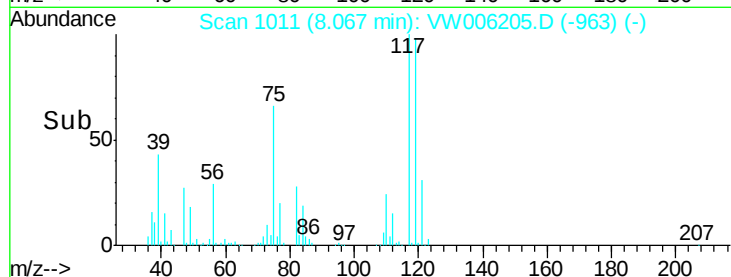
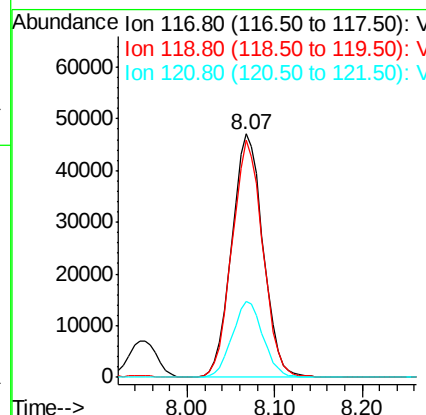
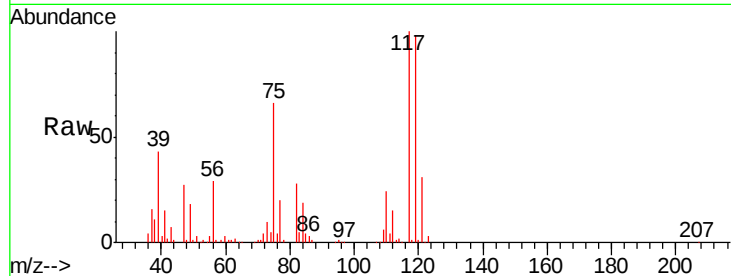
#38
Carbon Tetrachloride
Concen: 45.00 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117220		
119	97.6	75.2	112.8	
121	31.4	25.3	37.9	

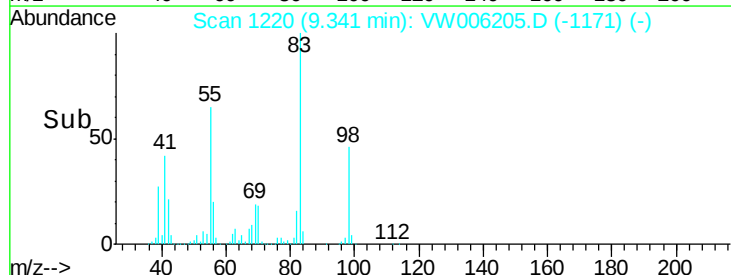
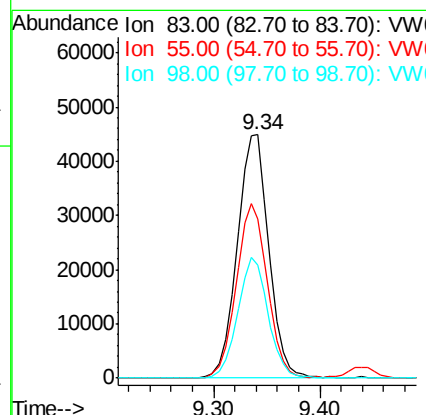
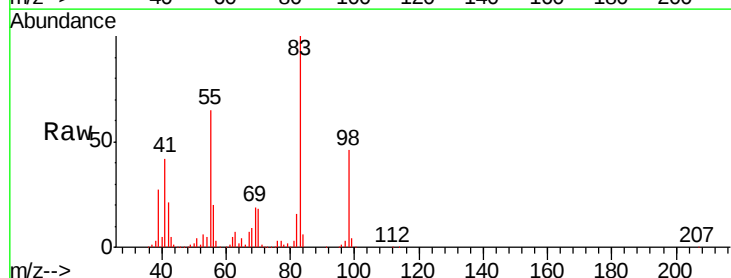
Manual Integrations
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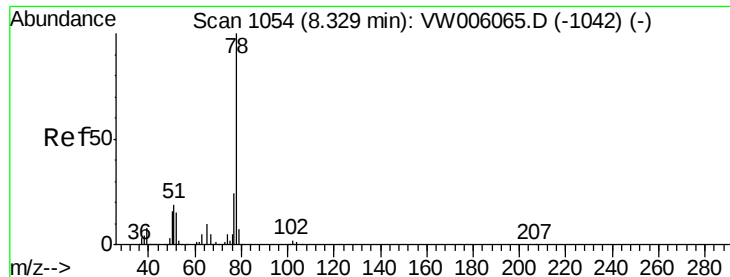
apatel
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#39
Methylcyclohexane
Concen: 29.58 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	93436		
55	65.3	55.0	82.6	
98	46.2	38.6	57.8	





#40

Benzene

Concen: 56.55 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion: 78 Resp: 368599

Ion Ratio Lower Upper

78 100

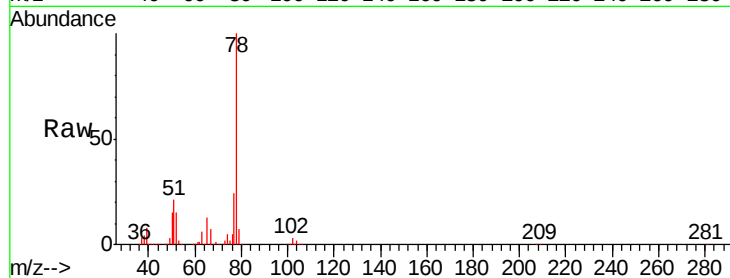
77 23.7 19.4 29.0

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Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.32

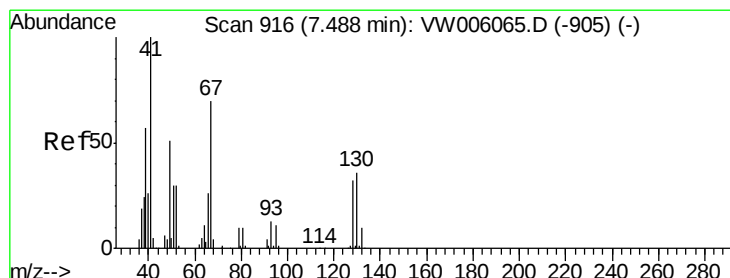
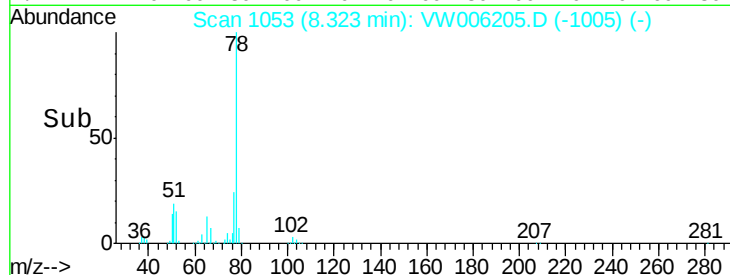
150000

100000

50000

0

Time-->



#41

Methacrylonitrile

Concen: 45.85 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion: 41 Resp: 24402

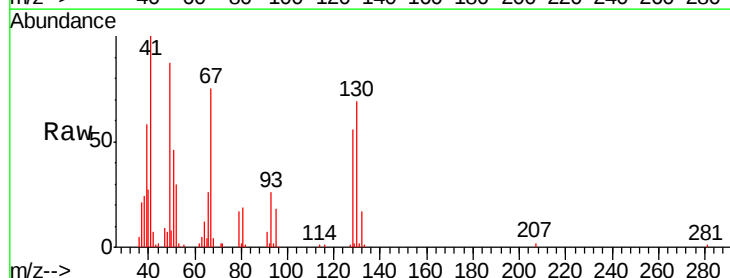
Ion Ratio Lower Upper

41 100

39 56.3 46.2 69.4

67 77.6 57.7 86.5

52 33.1 24.7 37.1



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

25000

20000

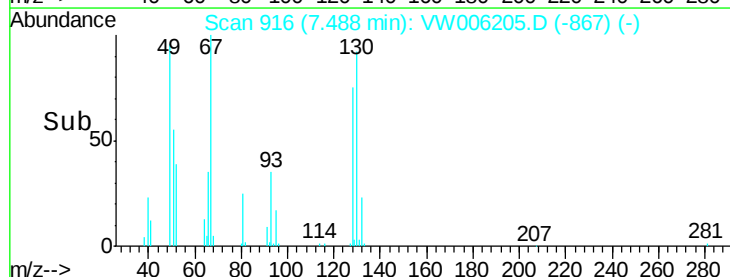
15000

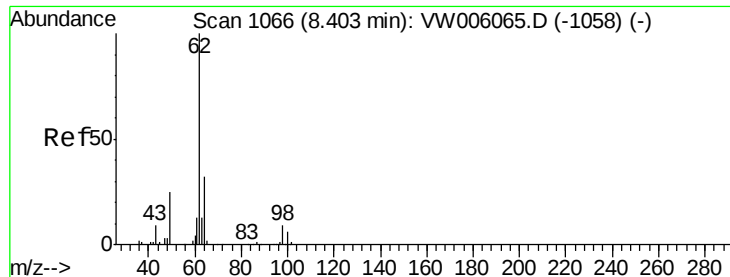
10000

5000

0

Time-->





#42

1,2-Dichloroethane

Concen: 61.85 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

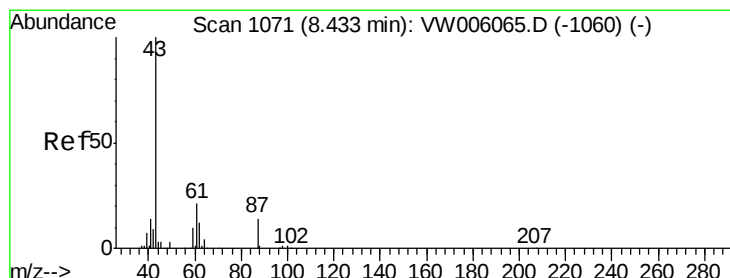
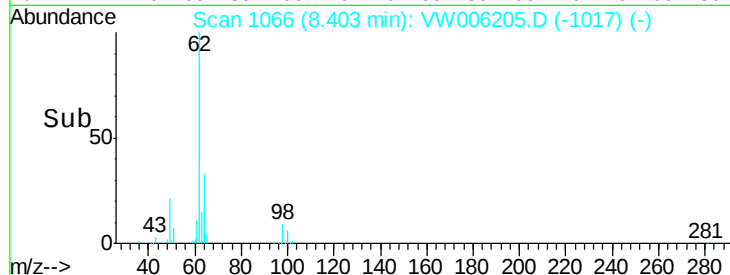
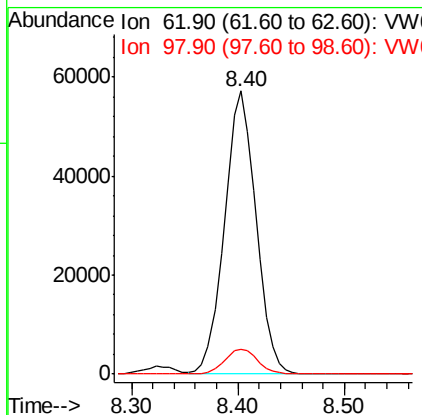
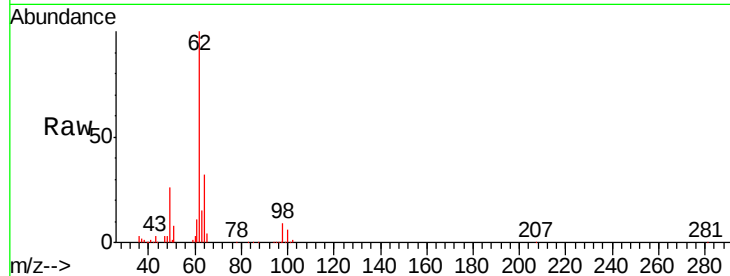
ClientSampleId :

RLF-SD-5MS

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	9.2	0.0	18.4

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#43

Isopropyl Acetate

Concen: 13.04 ug/l

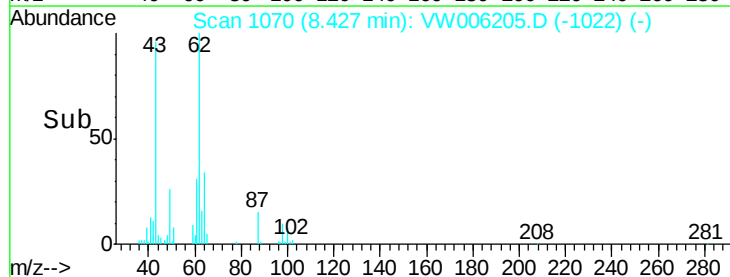
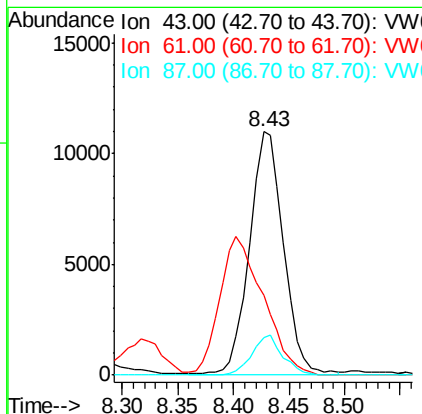
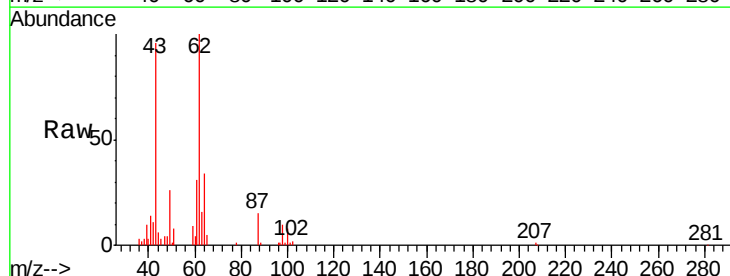
RT: 8.43 min Scan# 1070

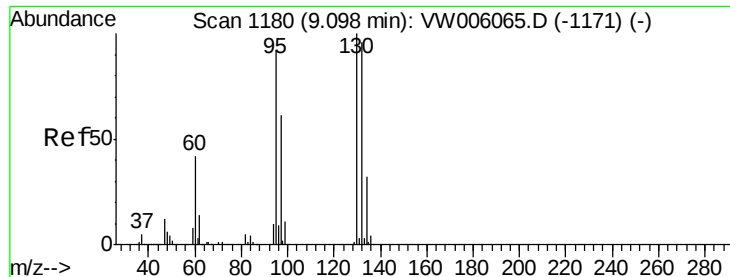
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
61	0.0	25.5	38.3#
87	14.8	11.7	17.5





#44

Trichloroethene

Concen: 51.98 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion:130 Resp: 103951

Ion Ratio Lower Upper

130 100

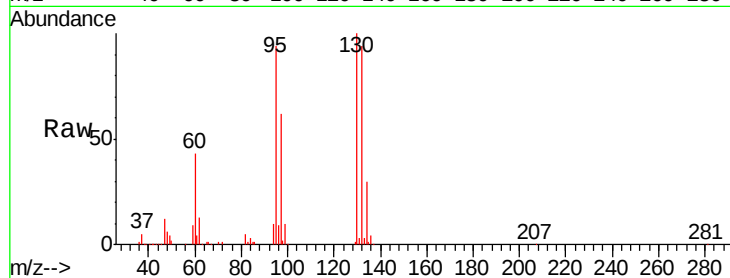
95 94.1 0.0 183.2

Manual Integrations

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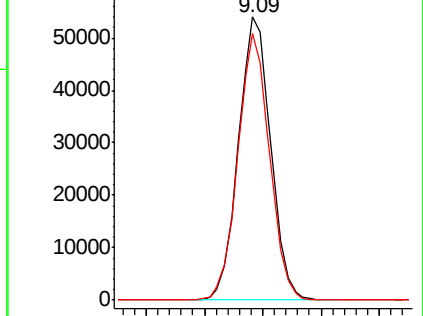
apatel

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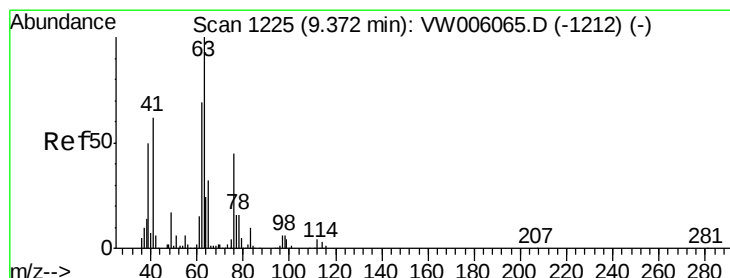
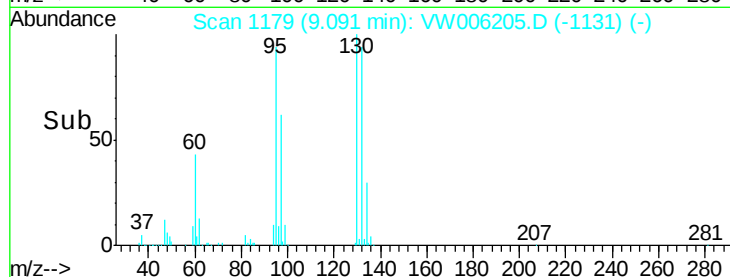


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



Time-->



#45

1,2-Dichloropropane

Concen: 56.99 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006205.D

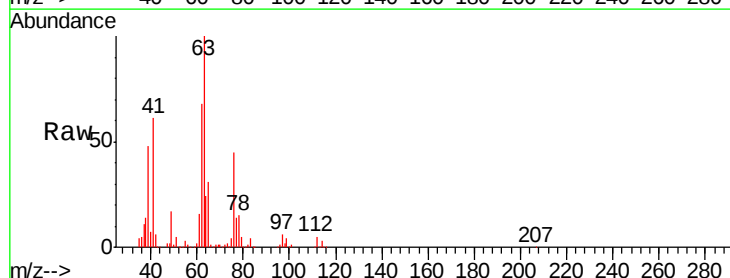
Acq: 19 Oct 2018 06:04

Tgt Ion: 63 Resp: 88893

Ion Ratio Lower Upper

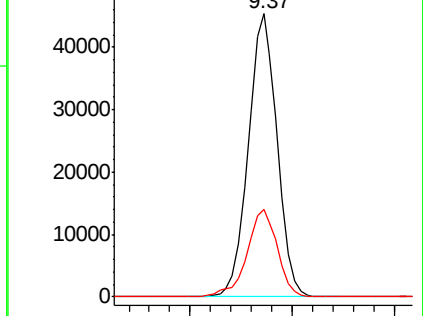
63 100

65 31.0 25.4 38.0

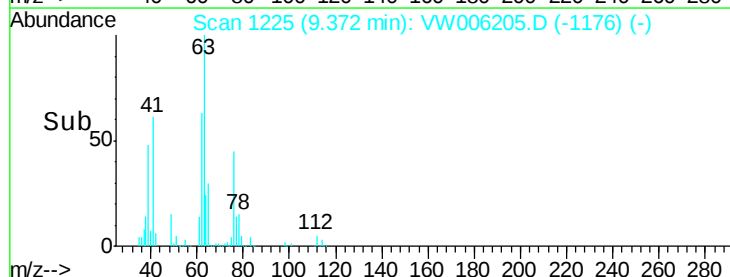


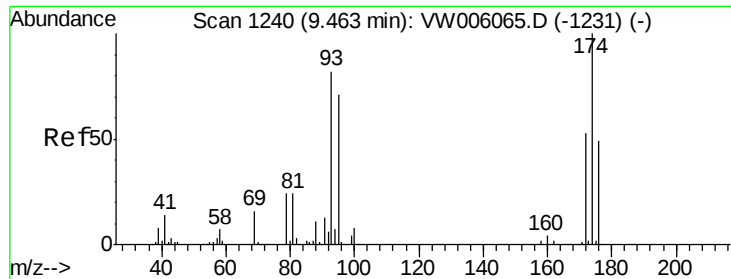
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->





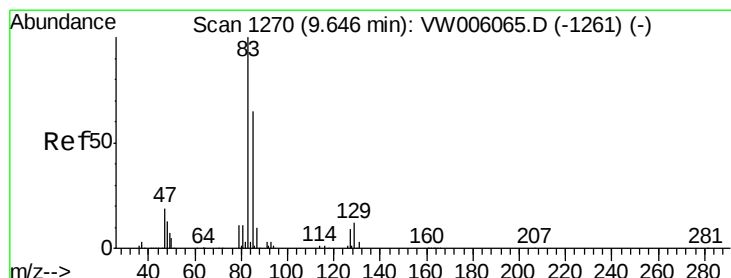
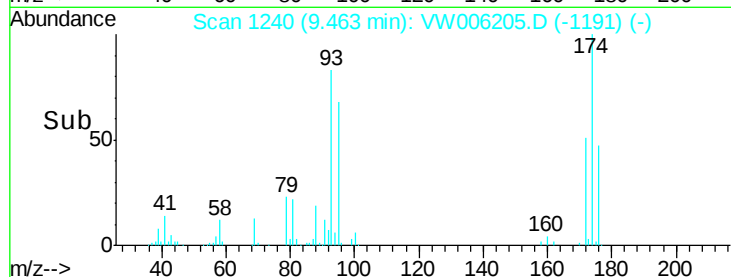
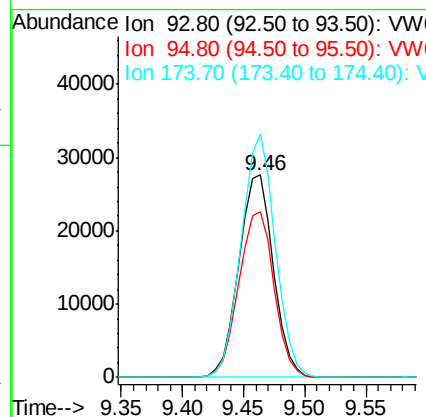
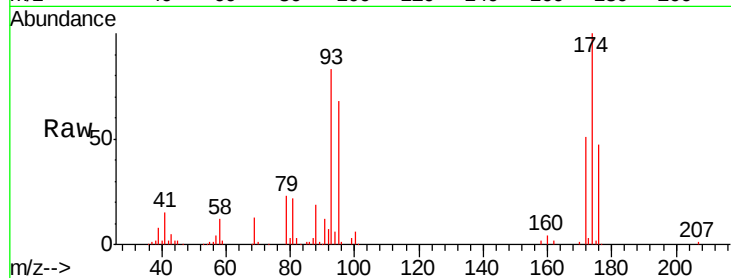
#46
Dibromomethane
Concen: 61.02 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 93 Resp: 54243
Ion Ratio Lower Upper
93 100
95 83.3 67.7 101.5
174 118.1 93.7 140.5

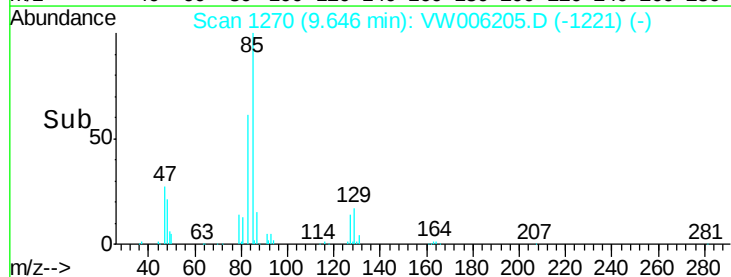
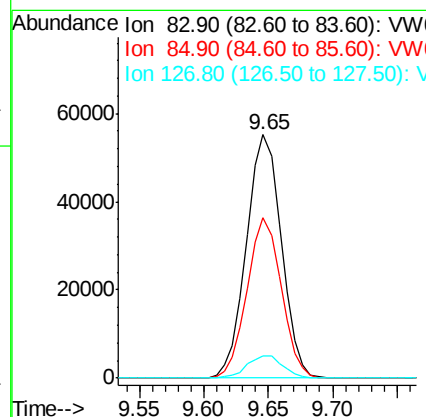
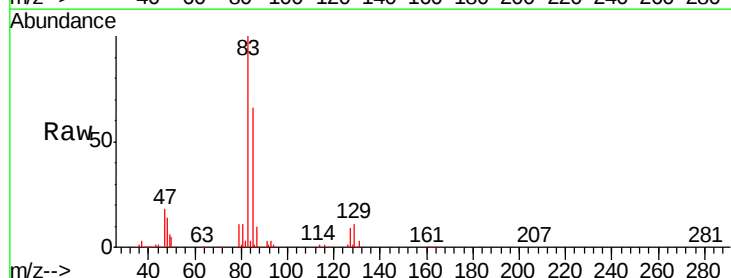
Manual Integrations
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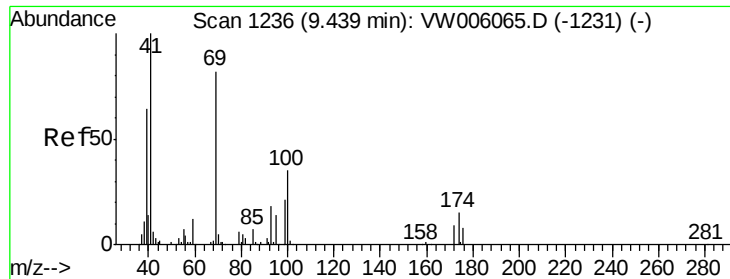
apatel
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#47
Bromodichloromethane
Concen: 47.98 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 83 Resp: 103403
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.8
127 9.0 6.9 10.3





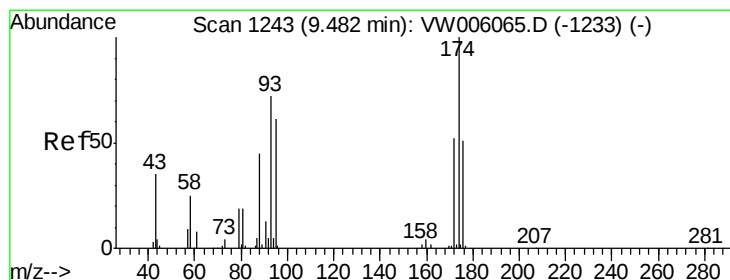
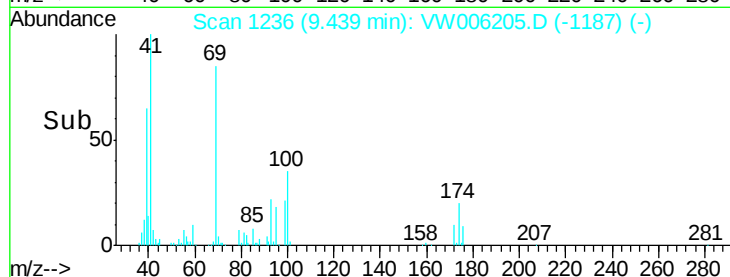
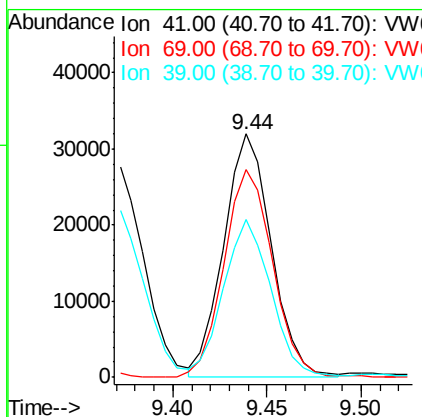
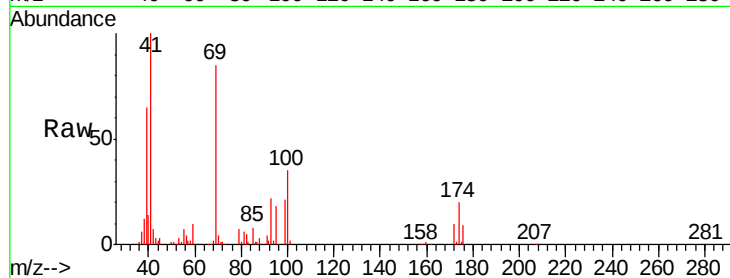
#48
Methyl methacrylate
Concen: 65.68 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 41 Resp: 56202
Ion Ratio Lower Upper
41 100
69 87.6 71.8 107.8
39 63.0 52.5 78.7

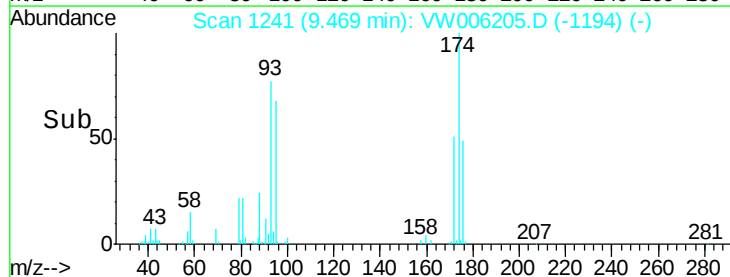
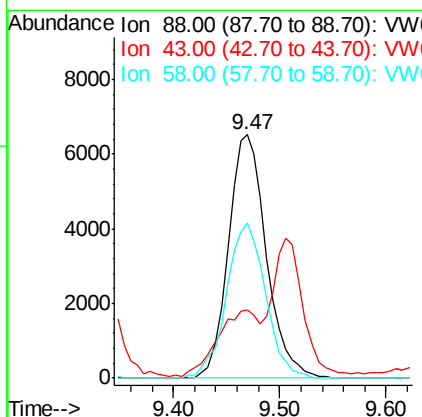
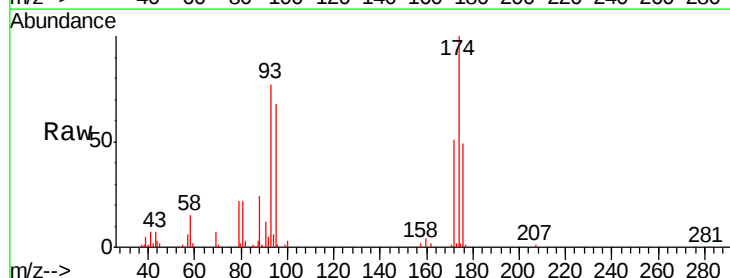
Manual Integrations
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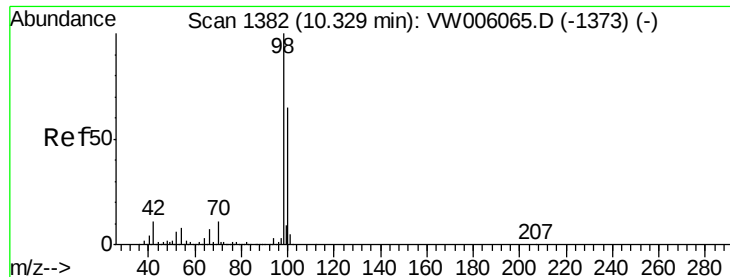
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#49
1,4-Dioxane
Concen: 1184.26 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 88 Resp: 16207
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0#
58 66.0 51.2 76.8





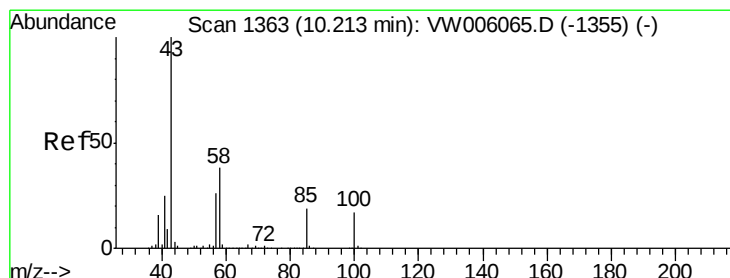
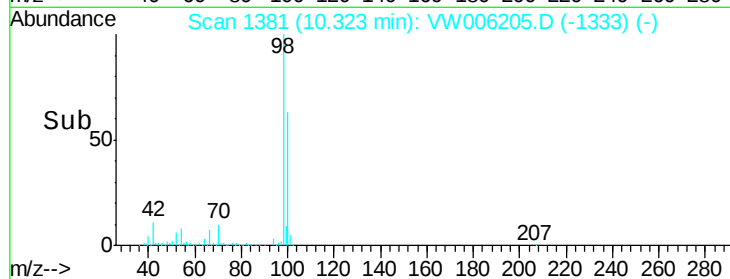
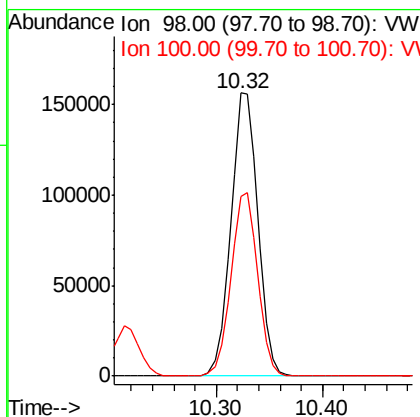
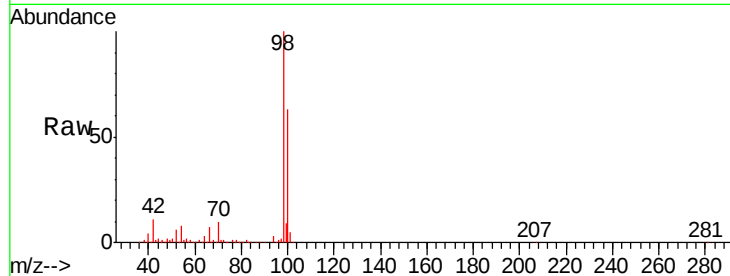
#50
Toluene-d8
Concen: 47.94 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 98 Resp: 277855
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

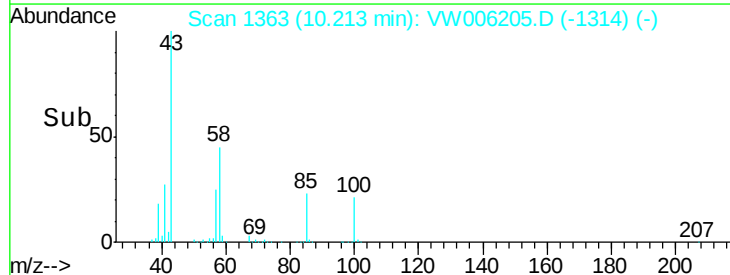
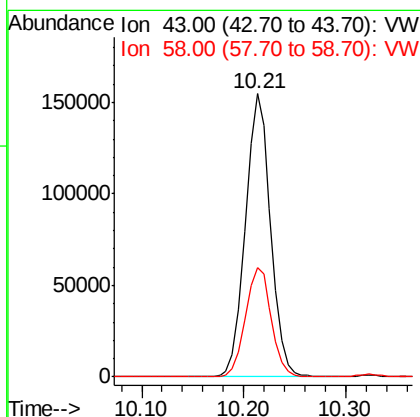
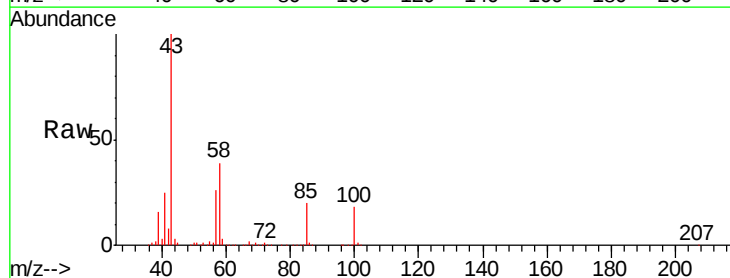
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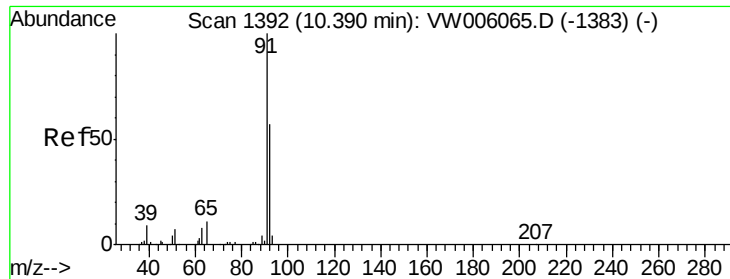
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#51
4-Methyl-2-Pentanone
Concen: 292.82 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 43 Resp: 264828
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3





#52

Toluene

Concen: 50.37 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion: 92 Resp: 220126

Ion Ratio Lower Upper

92 100

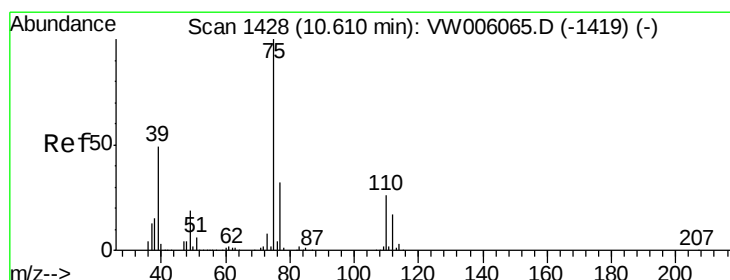
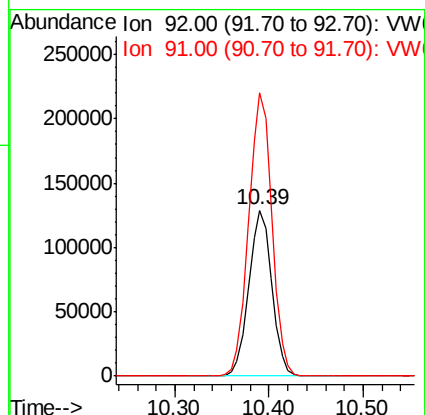
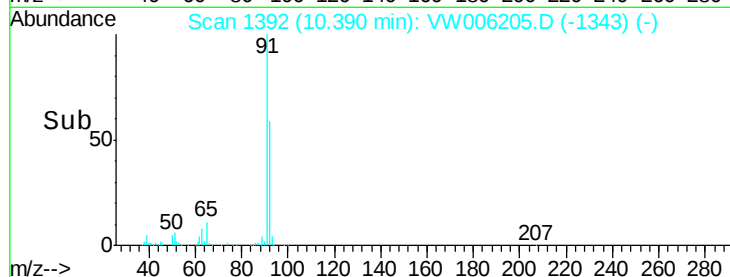
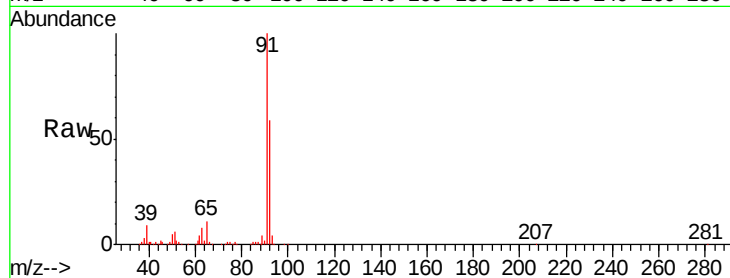
91 173.0 140.0 210.0

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 41.24 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006205.D

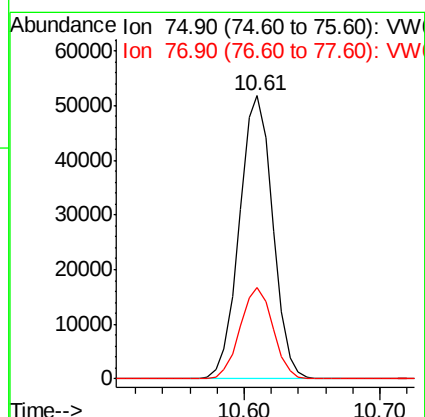
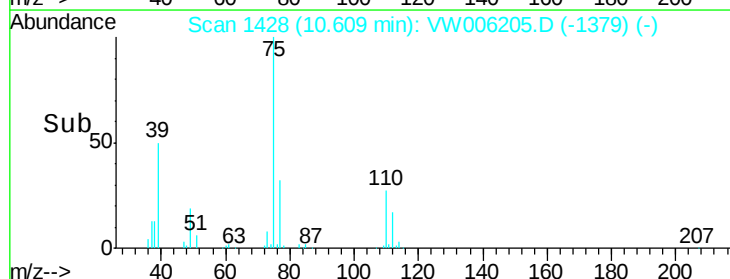
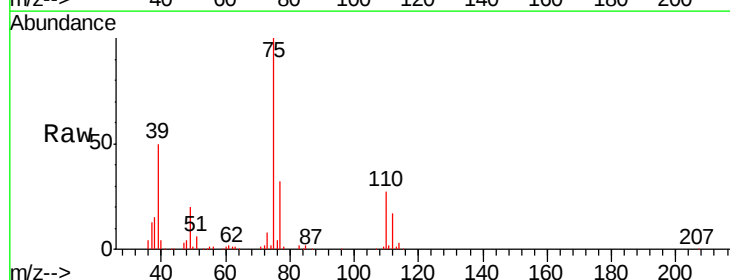
Acq: 19 Oct 2018 06:04

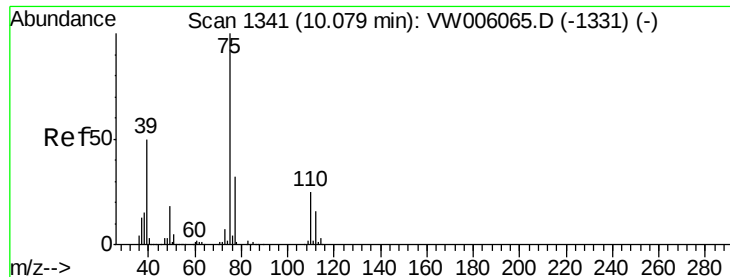
Tgt Ion: 75 Resp: 88563

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2





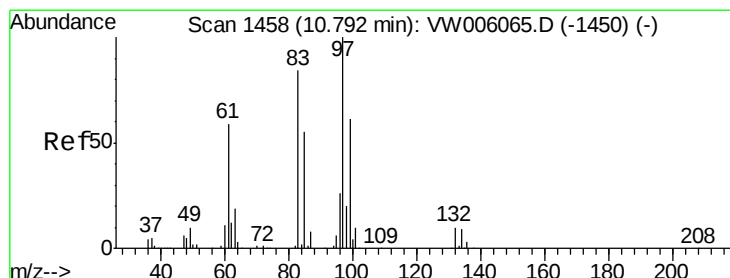
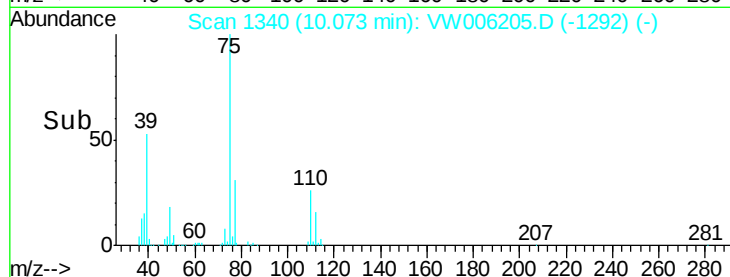
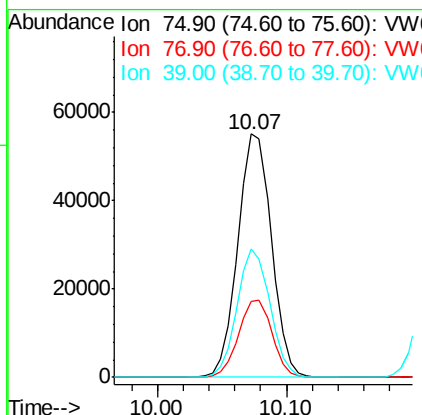
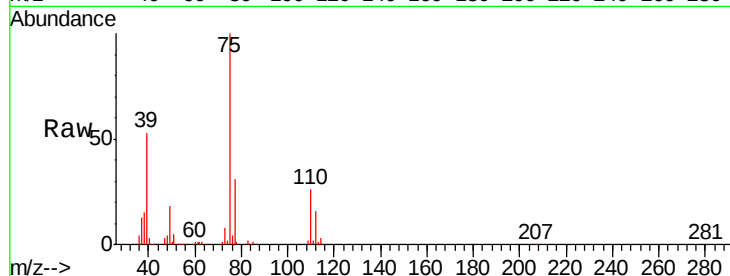
#54
 cis-1,3-Dichloropropene
 Concen: 40.61 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.2	37.8
39	52.5	39.9	59.9

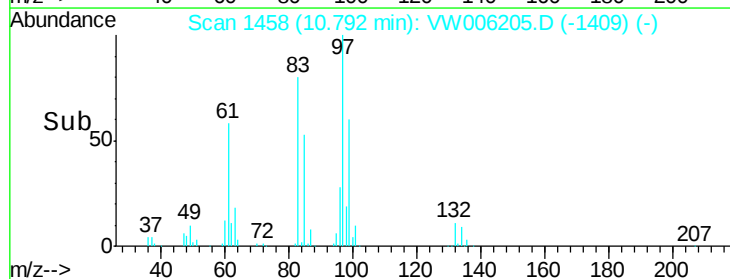
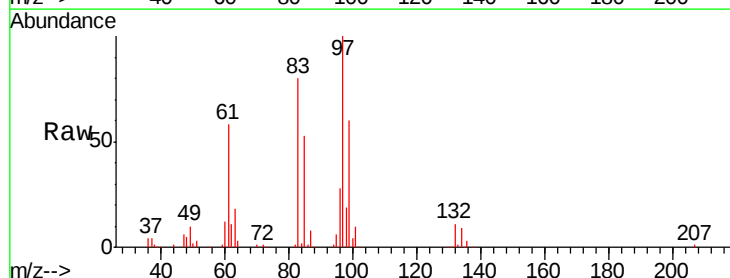
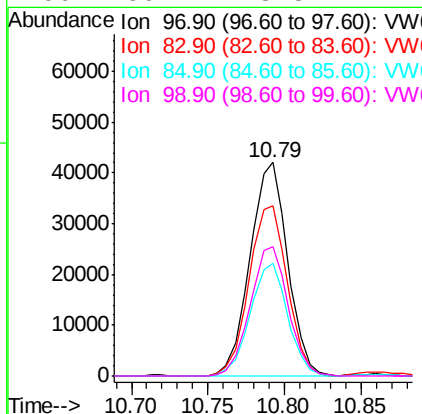
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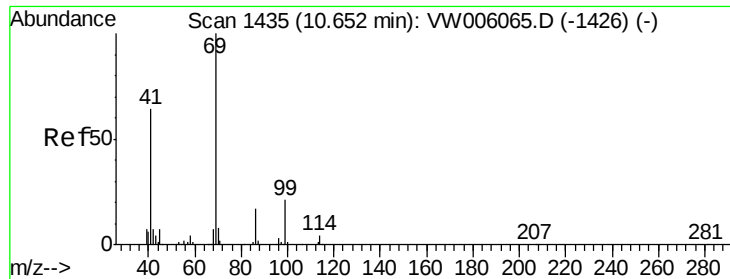
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#55
 1,1,2-Trichloroethane
 Concen: 57.80 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.2	100.8
85	52.6	43.7	65.5
99	60.2	48.5	72.7





#56

Ethyl methacrylate

Concen: 7.60 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

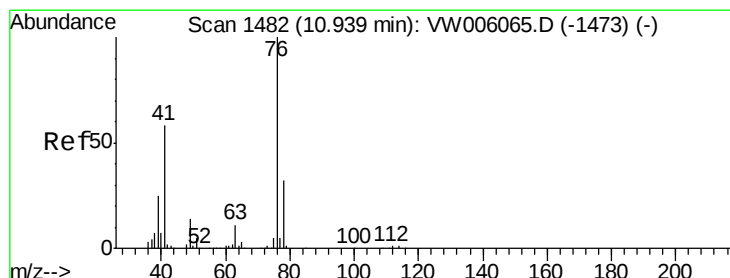
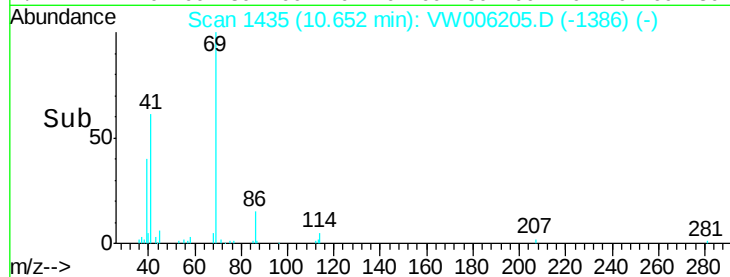
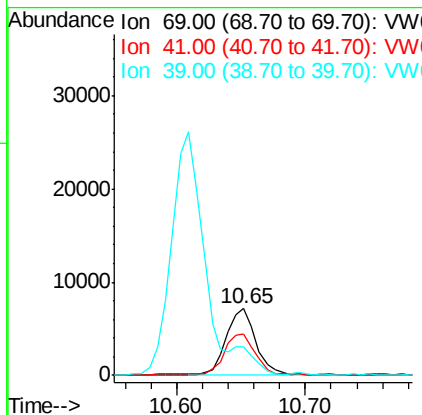
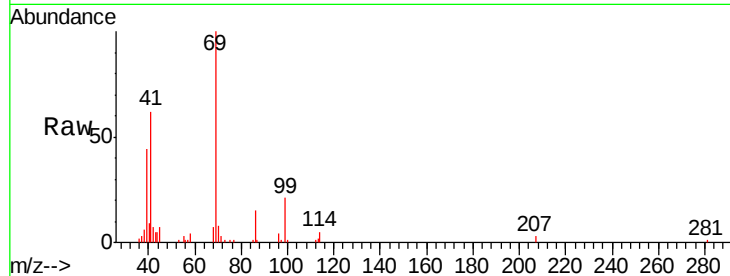
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	69	Resp:	11596
Ion Ratio	Lower	Upper	
69	100		
41	61.8	52.8	79.2
39	0.0	30.6	45.8#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 57.23 ug/l

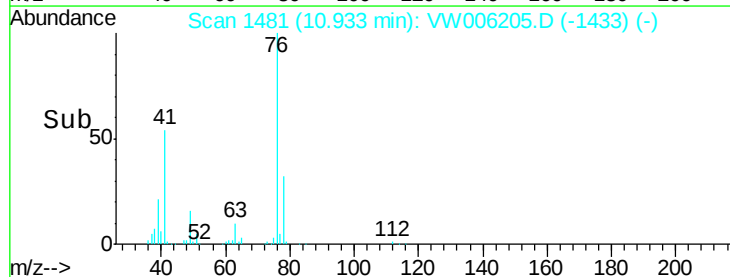
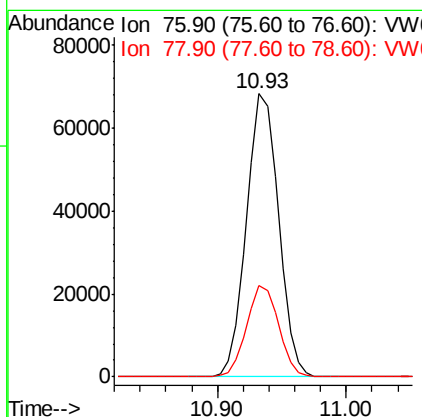
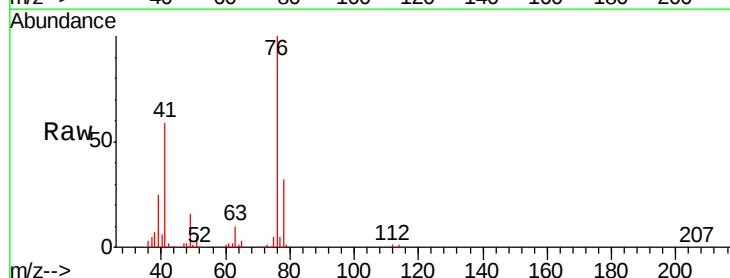
RT: 10.93 min Scan# 1481

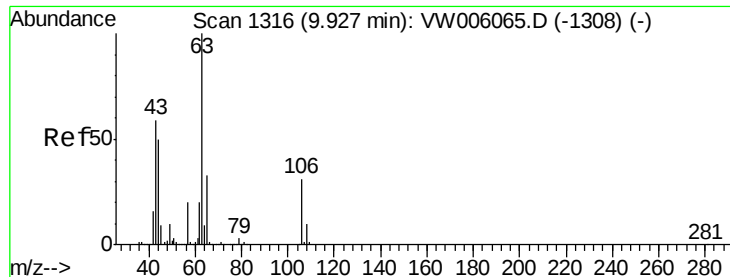
Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	76	Resp:	117859
Ion Ratio	Lower	Upper	
76	100		
78	32.1	25.9	38.9





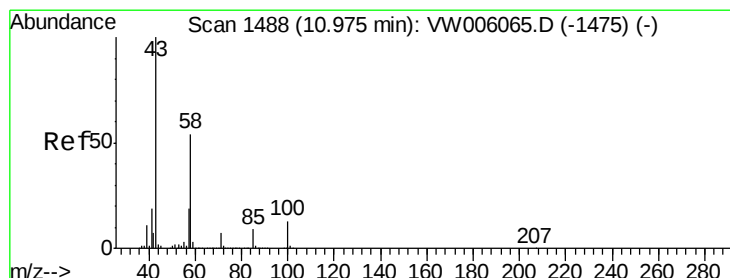
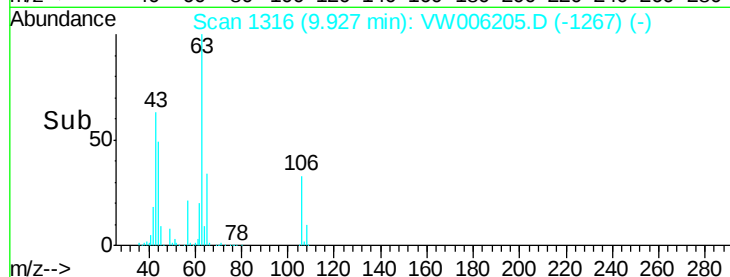
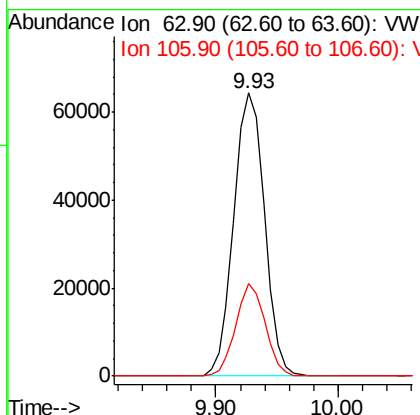
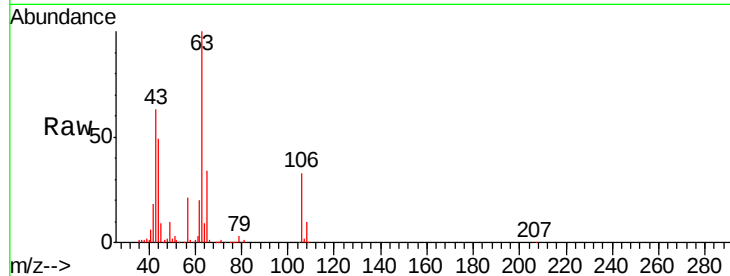
#58
2-Chloroethyl Vinyl ether
Concen: 192.09 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 63 Resp: 111937
Ion Ratio Lower Upper
63 100
106 31.4 24.5 36.7

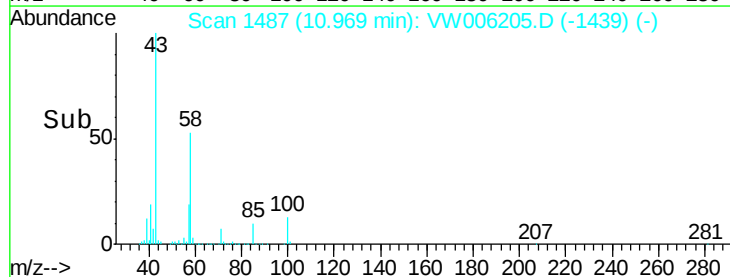
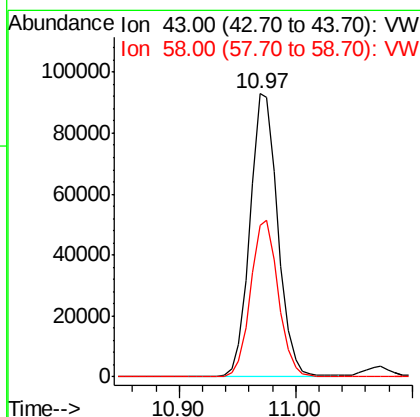
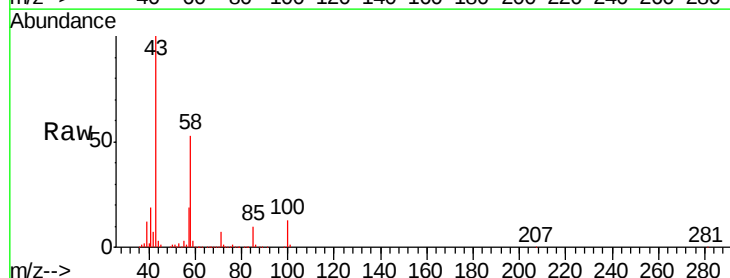
Manual Integrations
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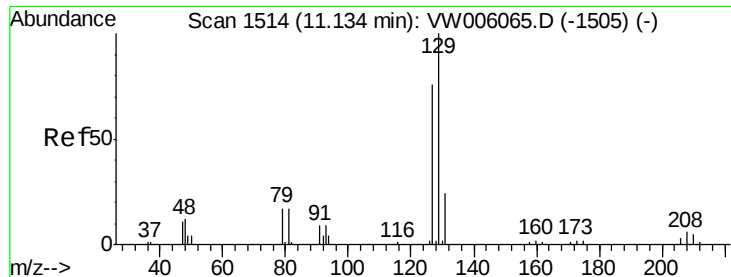
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#59
2-Hexanone
Concen: 240.29 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 43 Resp: 155135
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.6





#60

Dibromochloromethane

Concen: 44.19 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion:129 Resp: 68481

Ion Ratio Lower Upper

129 100

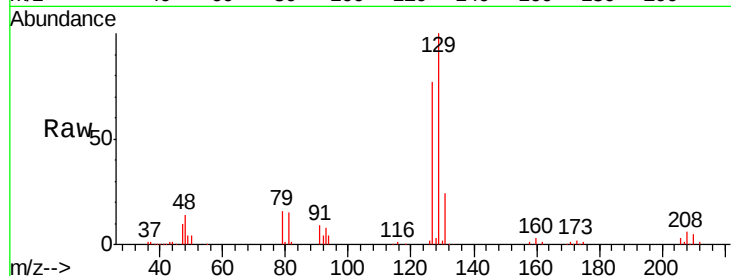
127 76.9 38.6 115.7

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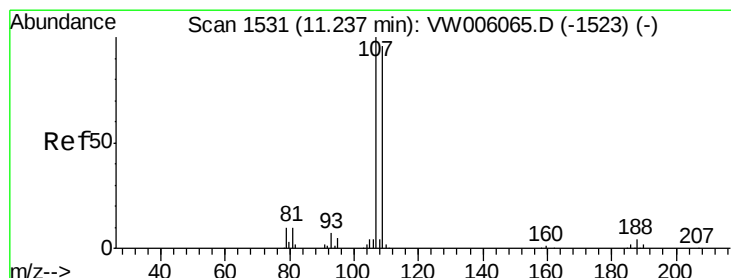
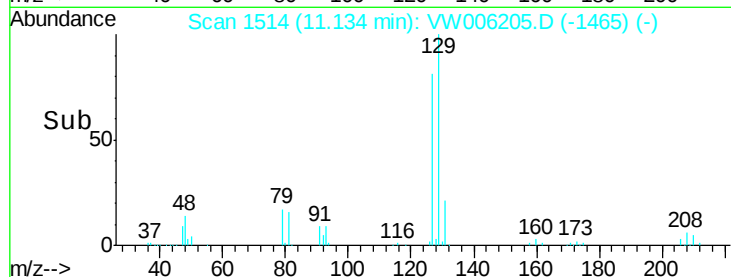
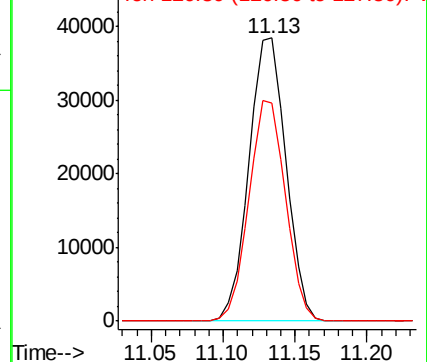
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.59 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006205.D

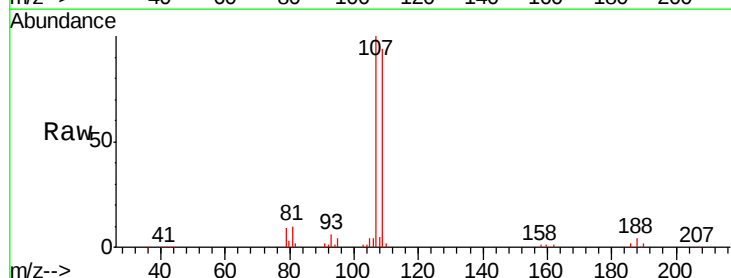
Acq: 19 Oct 2018 06:04

Tgt Ion:107 Resp: 65374

Ion Ratio Lower Upper

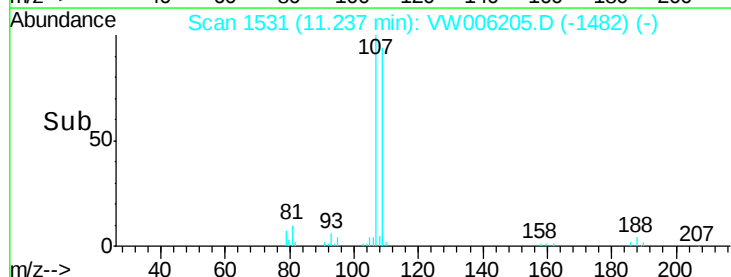
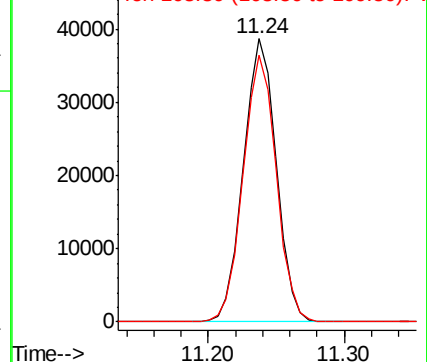
107 100

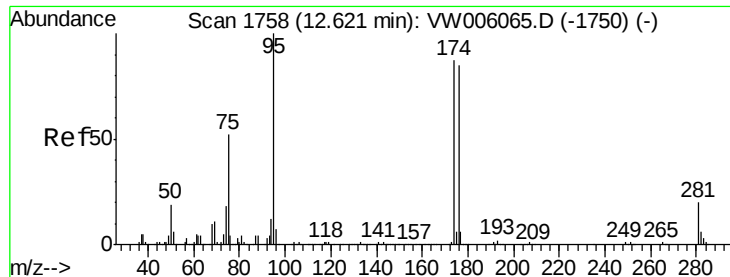
109 95.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 35.64 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

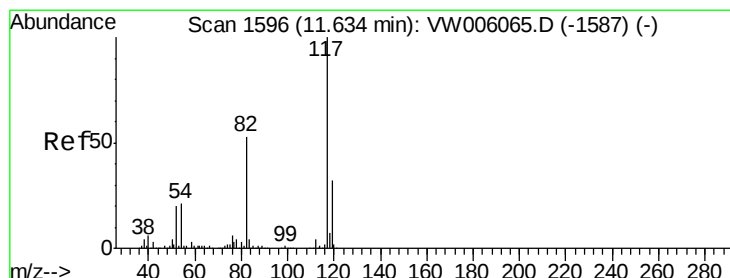
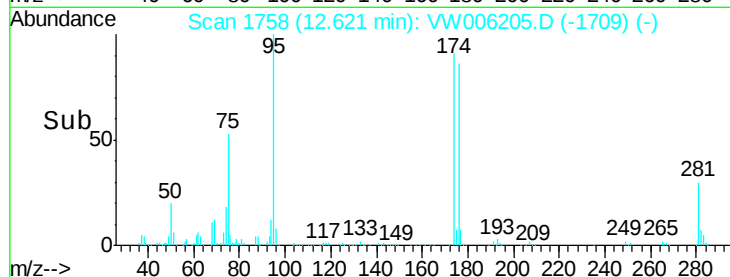
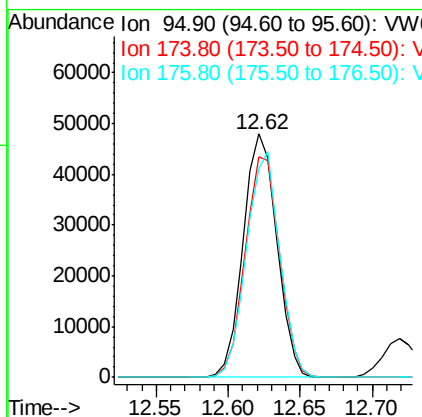
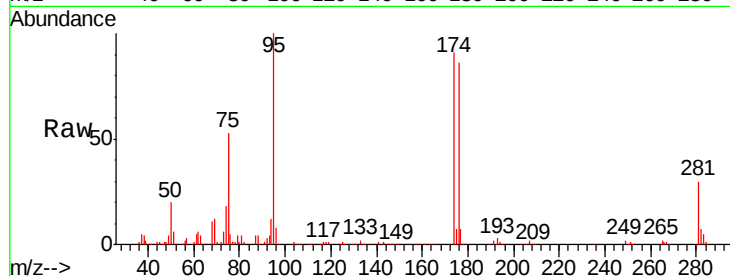
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	95	Resp:	77579
Ion Ratio	Lower	Upper	
95	100		
174	92.7	0.0	186.0
176	91.2	0.0	181.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

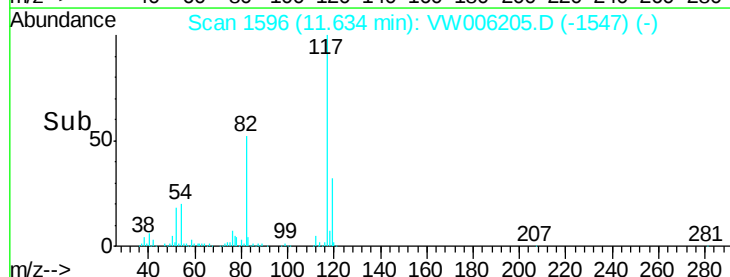
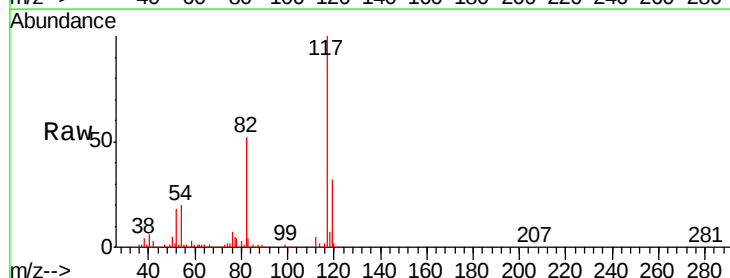
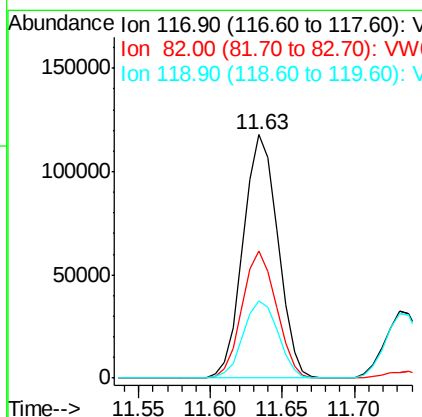
RT: 11.63 min Scan# 1596

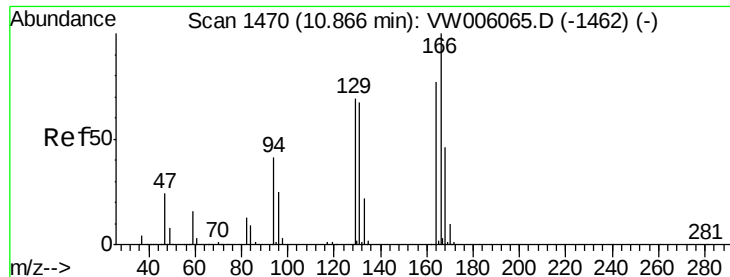
Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	117	Resp:	196459
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.1	63.1
119	31.8	25.8	38.6





#64

Tetrachloroethene

Concen: 50.36 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion:164 Resp: 76806

Ion Ratio Lower Upper

164 100

166 131.1 103.4 155.0

129 87.6 71.8 107.8

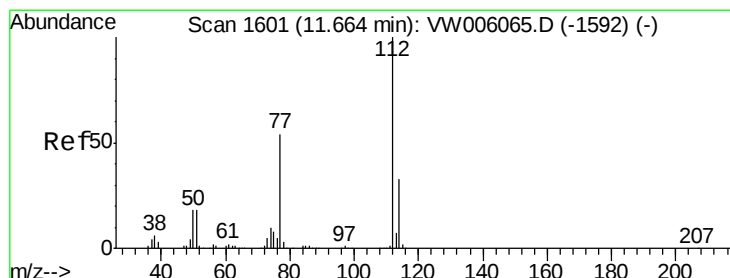
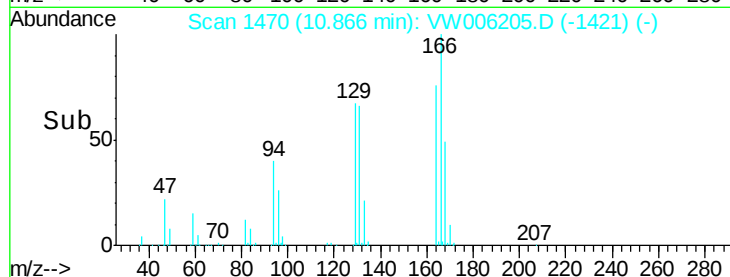
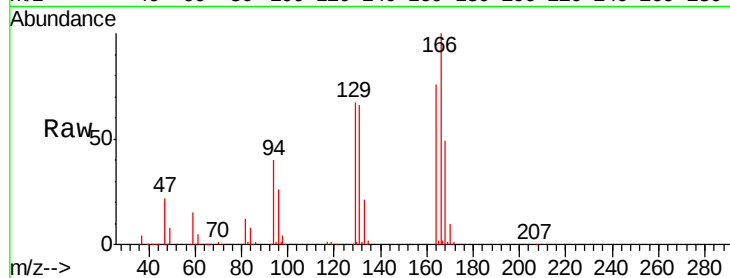
131 86.8 69.5 104.3

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#65

Chlorobenzene

Concen: 53.33 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006205.D

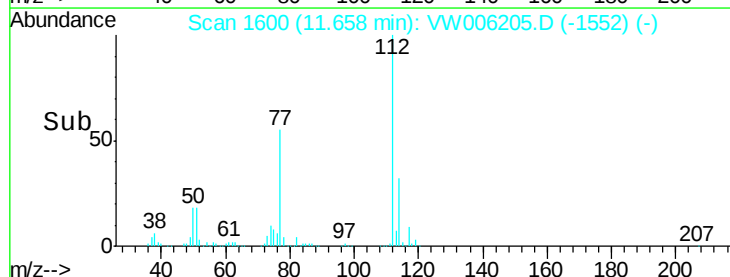
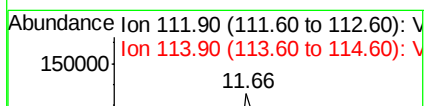
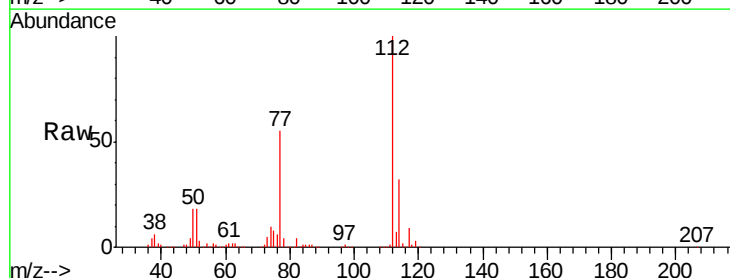
Acq: 19 Oct 2018 06:04

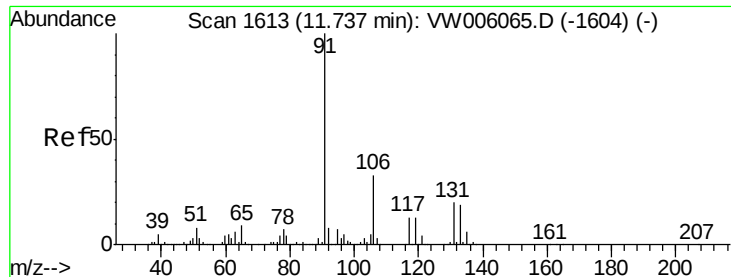
Tgt Ion:112 Resp: 224283

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2





#66

1,1,1,2-Tetrachloroethane

Concen: 56.60 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

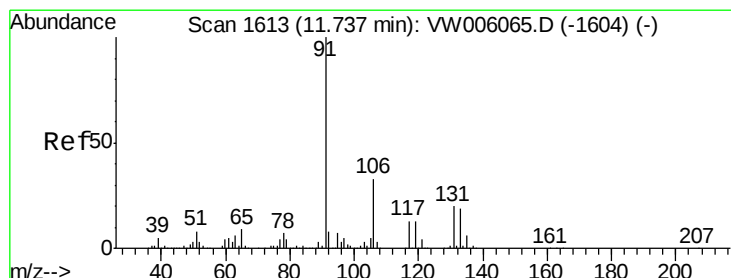
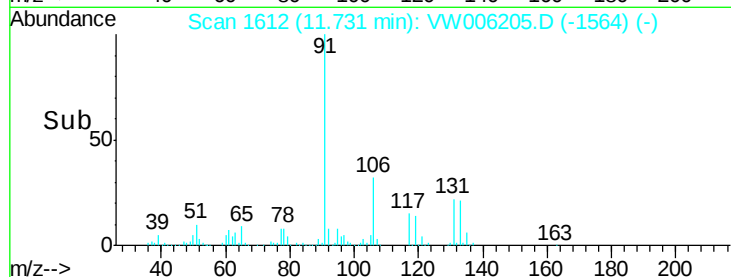
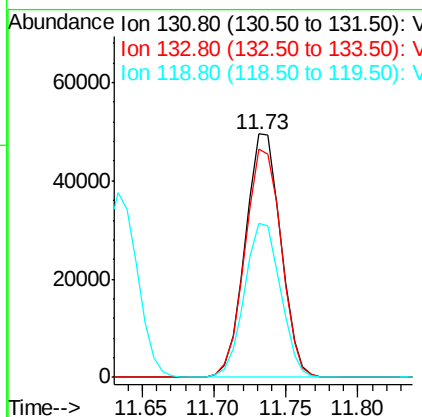
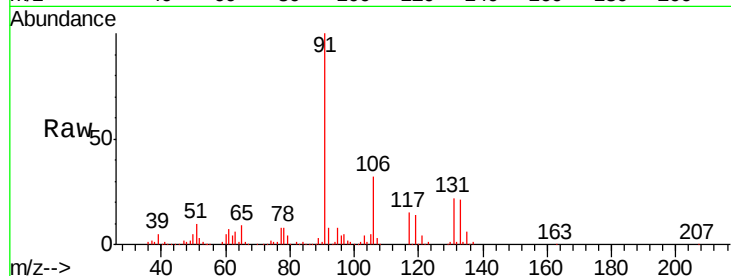
ClientSampleId :

RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.3
119	64.0	31.6	94.7

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#67

Ethyl Benzene

Concen: 51.81 ug/l

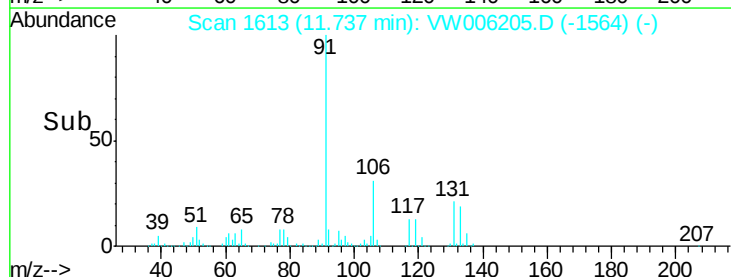
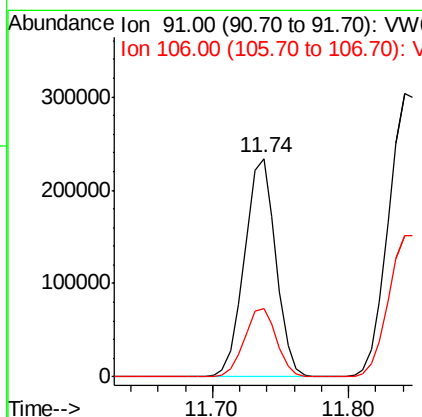
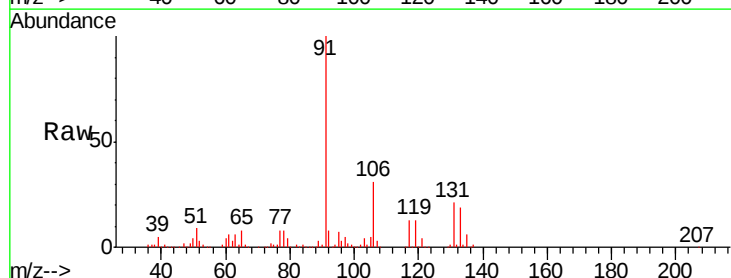
RT: 11.74 min Scan# 1613

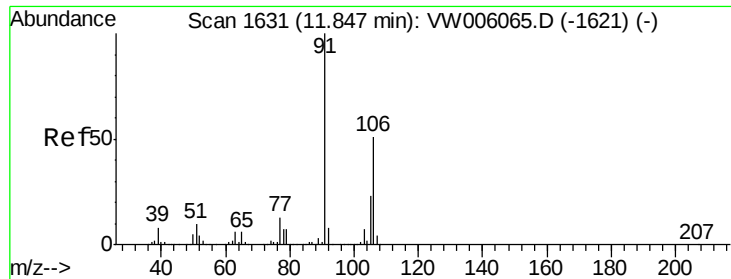
Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	26.1	39.1





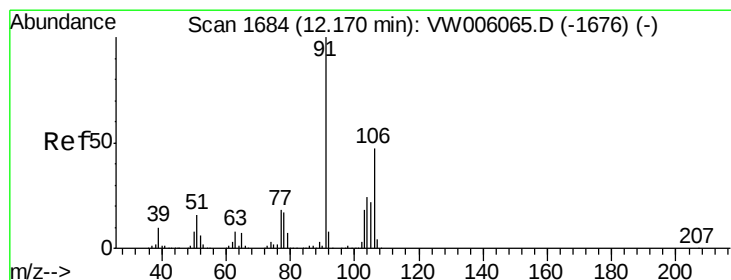
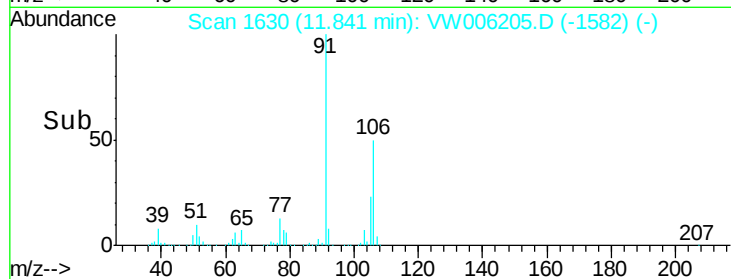
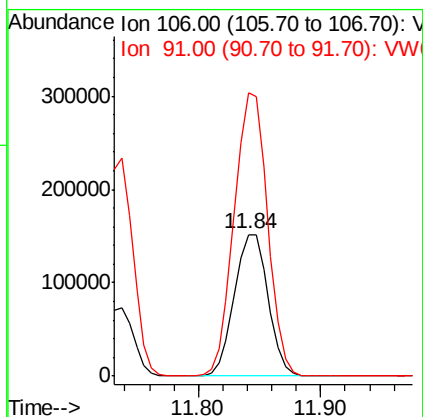
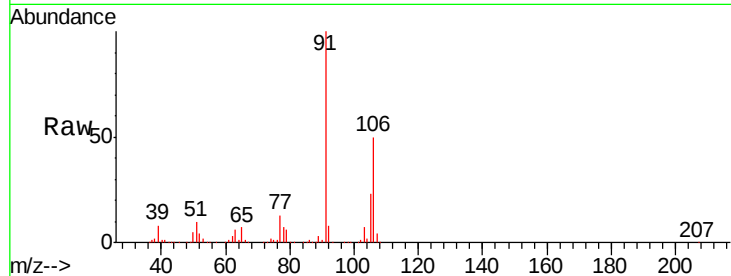
#68
m/p-Xylenes
Concen: 100.80 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion:106 Resp: 290379
Ion Ratio Lower Upper
106 100
91 198.0 159.1 238.7

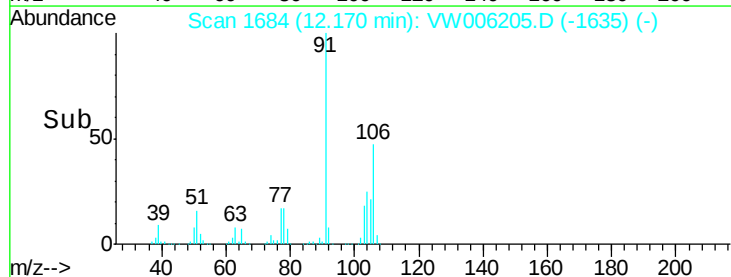
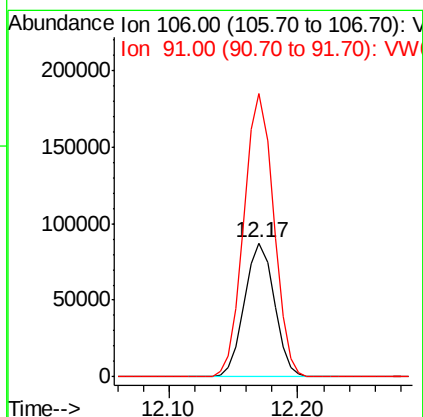
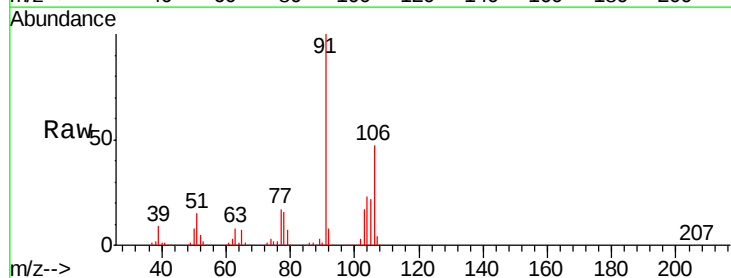
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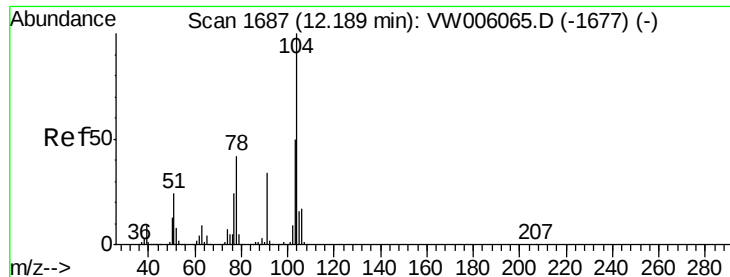
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#69
o-Xylene
Concen: 51.07 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion:106 Resp: 140208
Ion Ratio Lower Upper
106 100
91 211.1 105.4 316.1





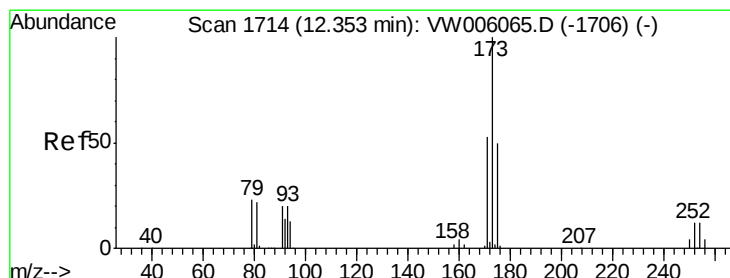
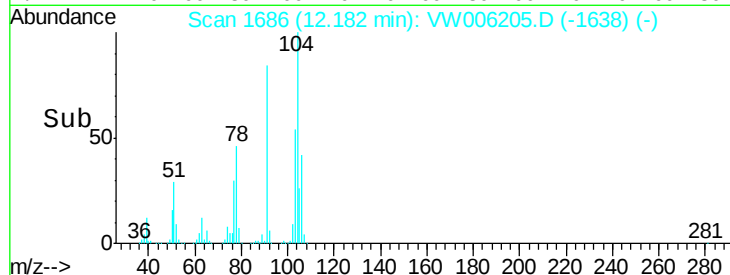
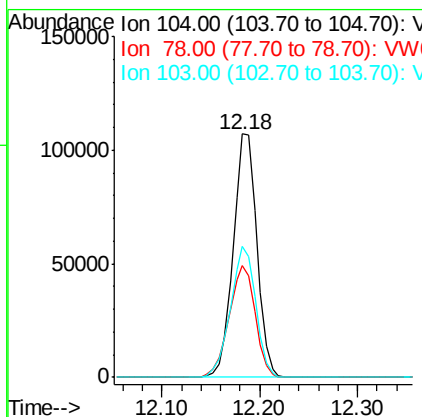
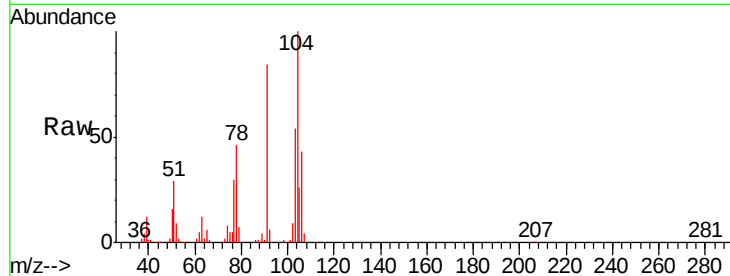
#70
Styrene
Concen: 40.22 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	179581		
78	50.5	39.1	58.7	
103	57.4	44.3	66.5	

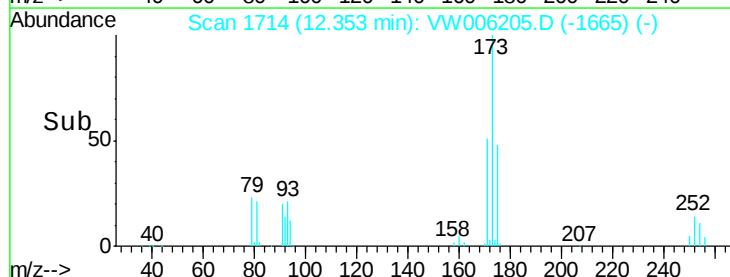
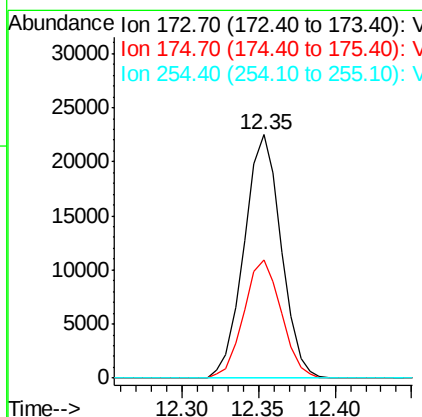
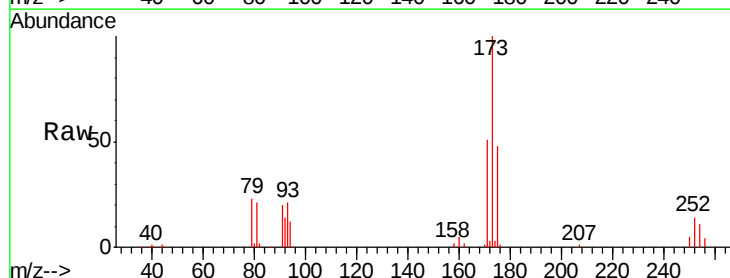
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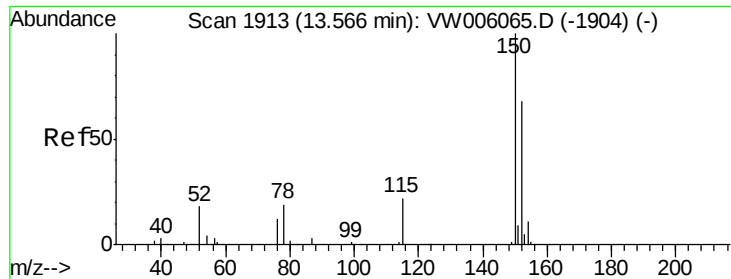
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#71
Bromoform
Concen: 45.39 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	37842		
175	49.1	24.2	72.6	
254	0.0	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

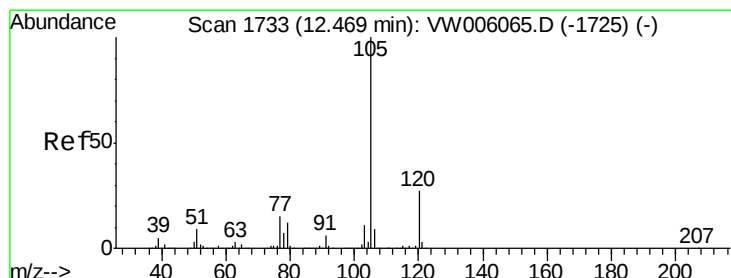
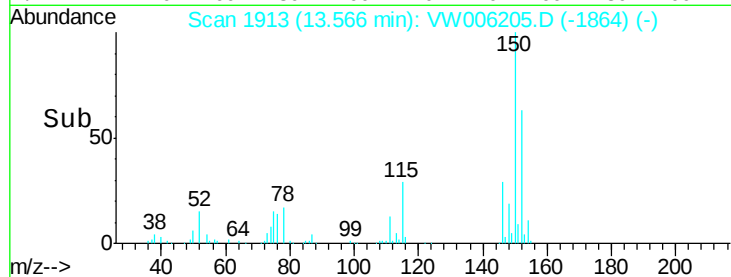
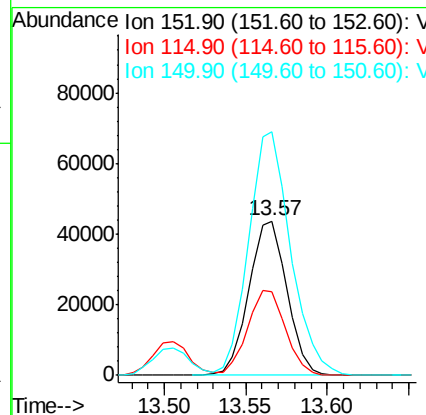
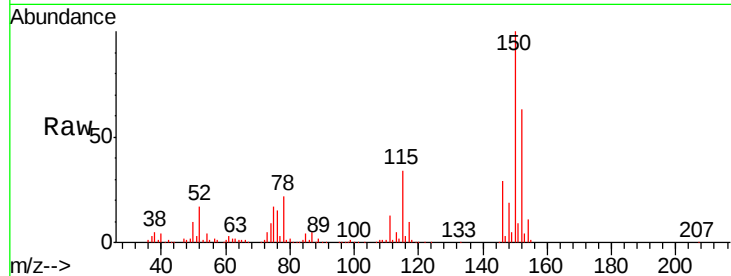
ClientSampleId :

RLF-SD-5MS

Tgt Ion:	152	Resp:	70835
Ion Ratio	Lower	Upper	
152	100		
115	55.0	27.8	83.3
150	174.2	0.0	349.2

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#73

Isopropylbenzene

Concen: 64.92 ug/l

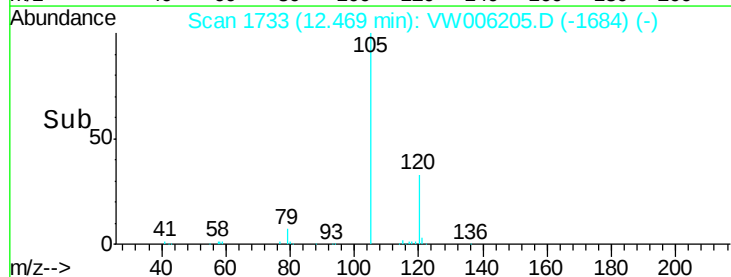
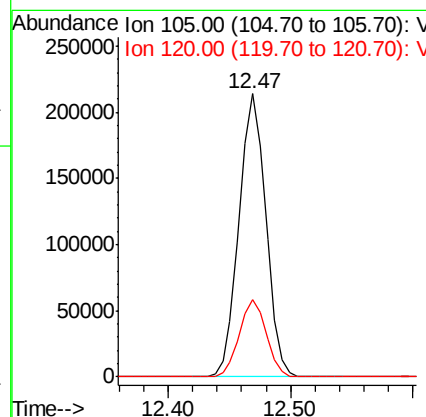
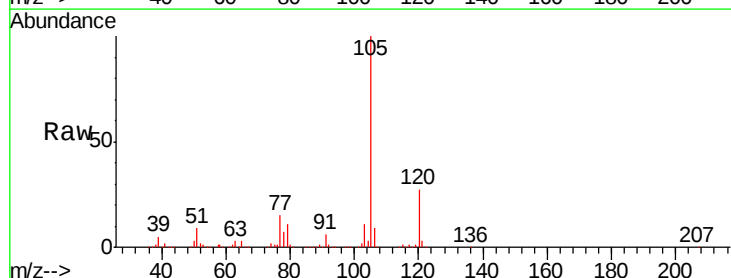
RT: 12.47 min Scan# 1733

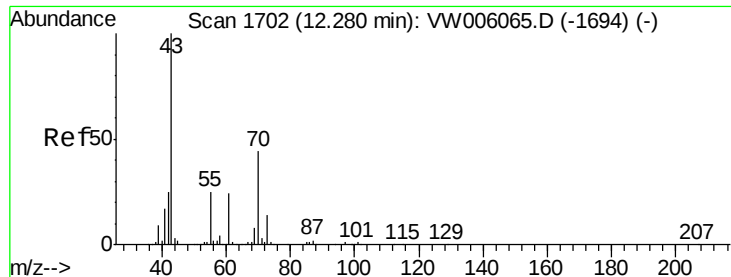
Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	105	Resp:	324896
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.6	40.7





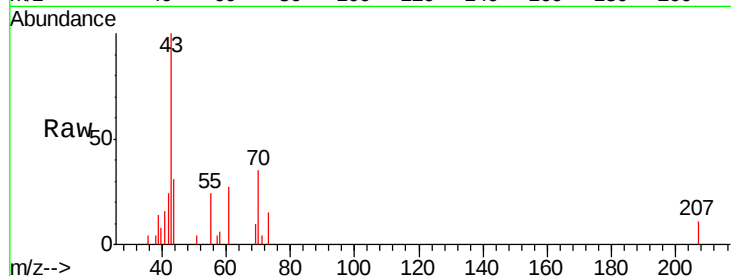
#74
N-ethyl acetate
Concen: 2.46 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

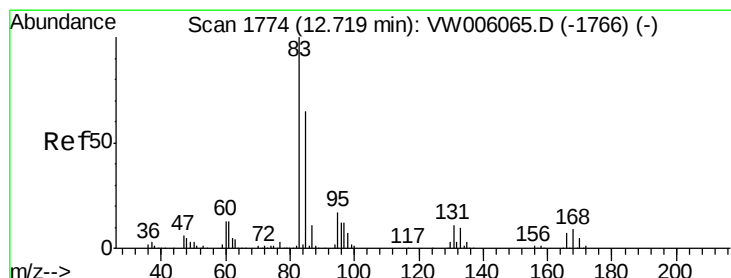
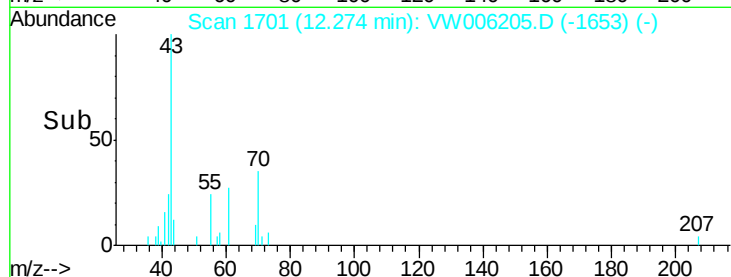
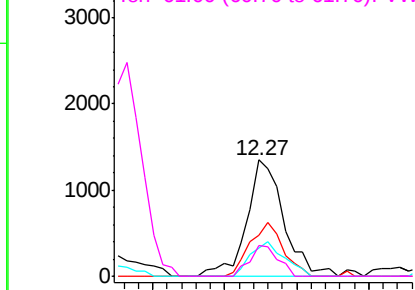
Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.4	34.2	51.4
55	27.5	19.2	28.8
61	20.5	19.0	28.6

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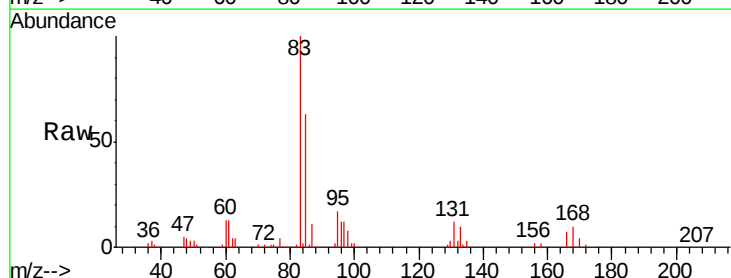


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

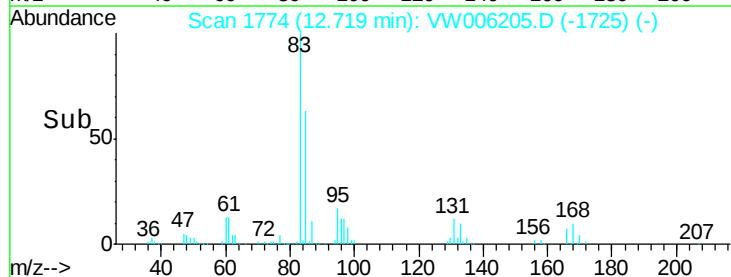
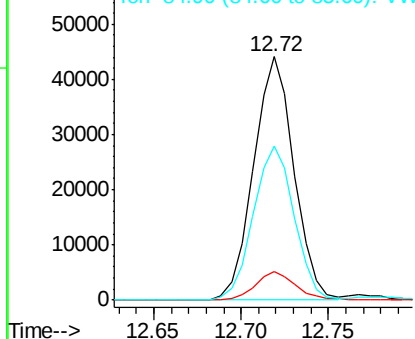


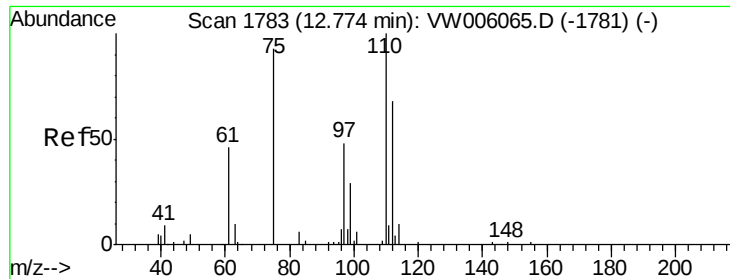
#75
1,1,2,2-Tetrachloroethane
Concen: 93.39 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.7
85	64.0	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW





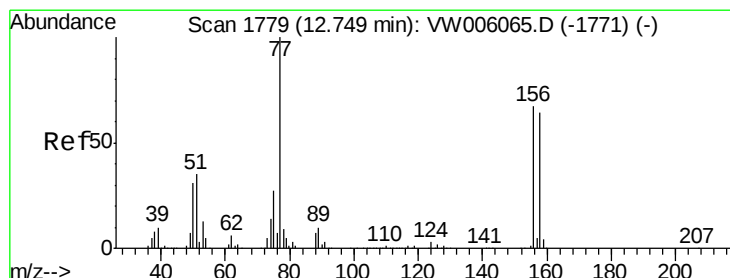
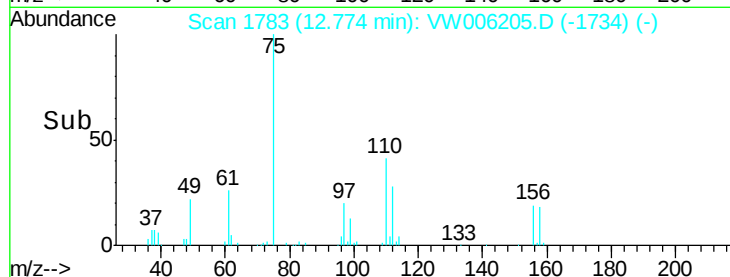
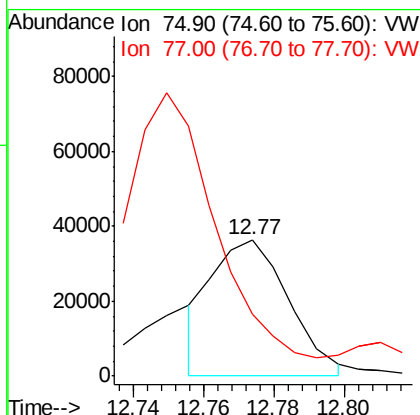
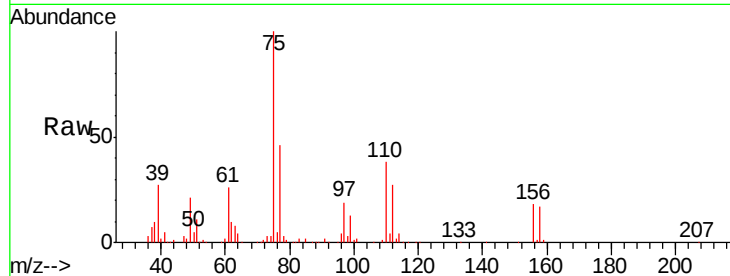
#76
 1,2,3-Trichloropropane
 Concen: 103.61 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampled :
 RLF-SD-5MS

Tgt Ion: 75 Resp: 56055
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

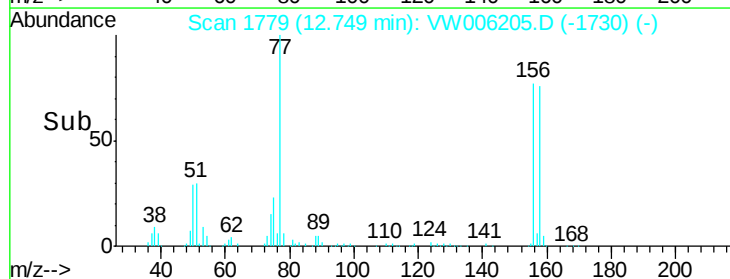
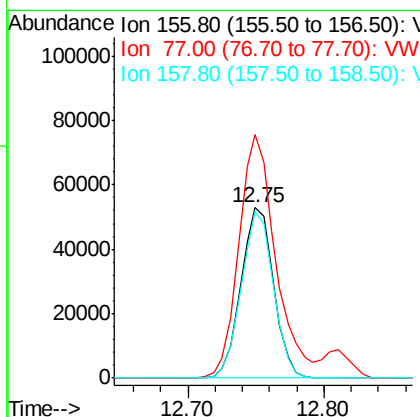
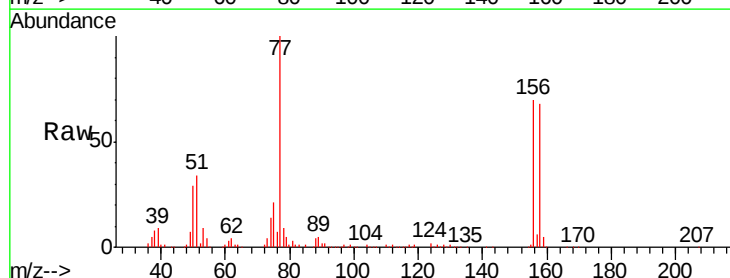
Manual Integrations
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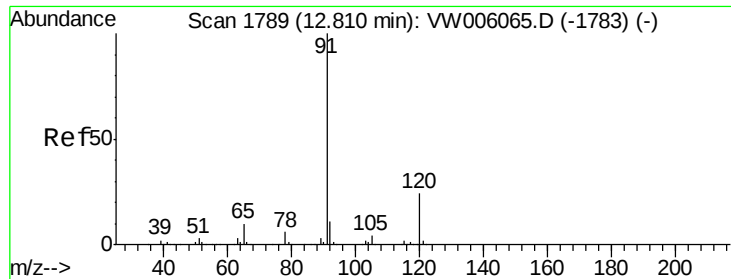
apatel
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#77
 Bromobenzene
 Concen: 72.24 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion: 156 Resp: 88550
 Ion Ratio Lower Upper
 156 100
 77 160.1 79.1 237.4
 158 96.5 48.5 145.6





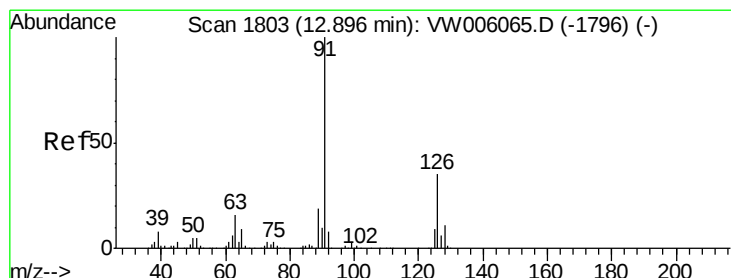
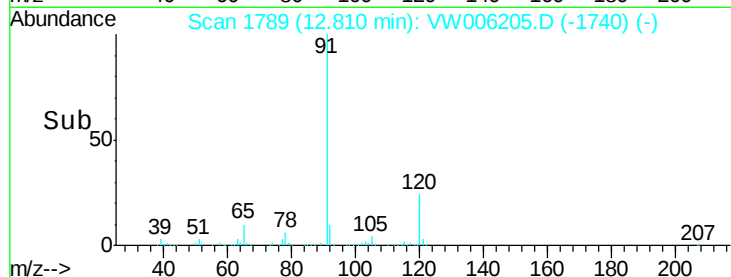
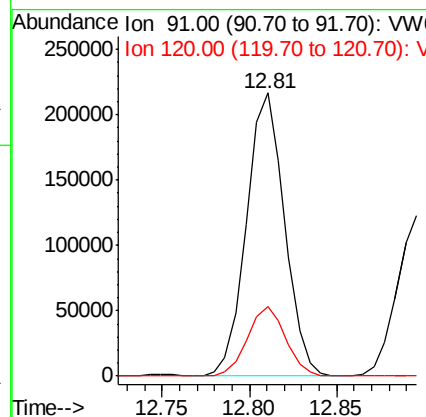
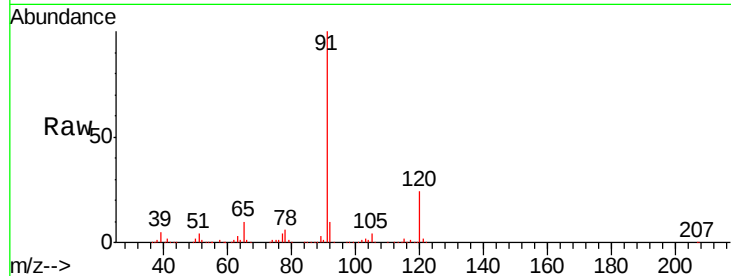
#78
n-propylbenzene
Concen: 56.20 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion: 91 Resp: 327217
Ion Ratio Lower Upper
91 100
120 24.4 12.2 36.6

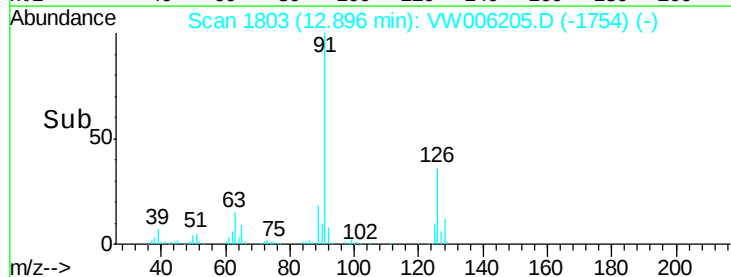
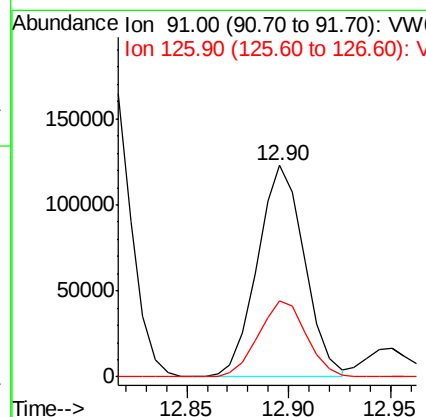
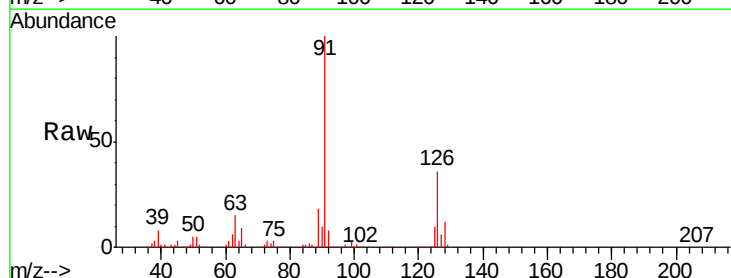
Manual Integrations
APPROVED

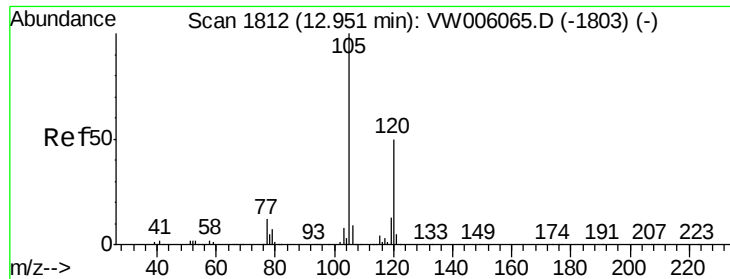
apatel
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#79
2-Chlorotoluene
Concen: 60.16 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion: 91 Resp: 196799
Ion Ratio Lower Upper
91 100
126 36.7 17.9 53.8





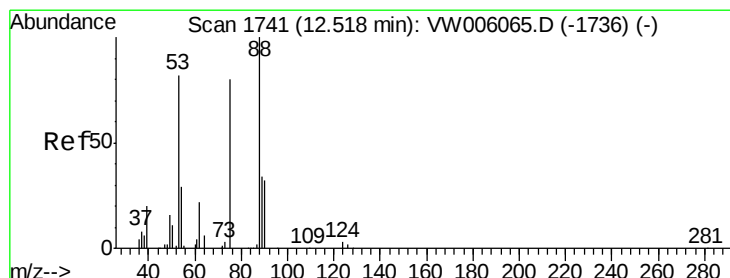
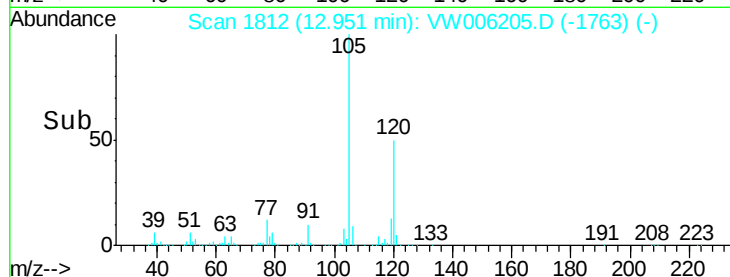
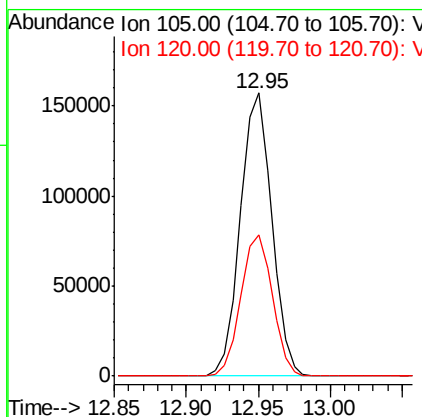
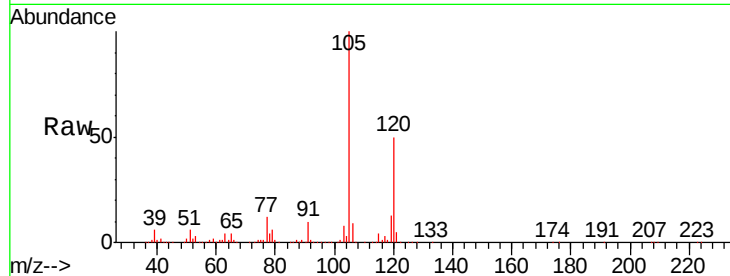
#80
 1,3,5-Trimethylbenzene
 Concen: 56.56 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampled :
 RLF-SD-5MS

Tgt Ion: 105 Resp: 238606
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.6

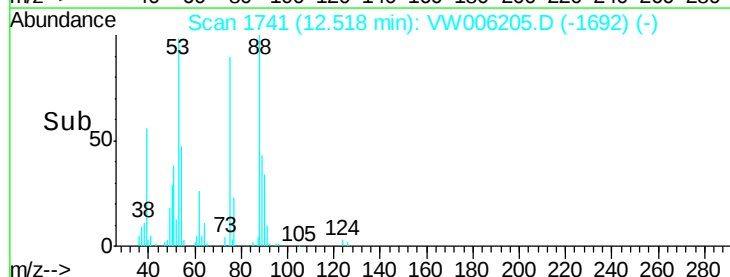
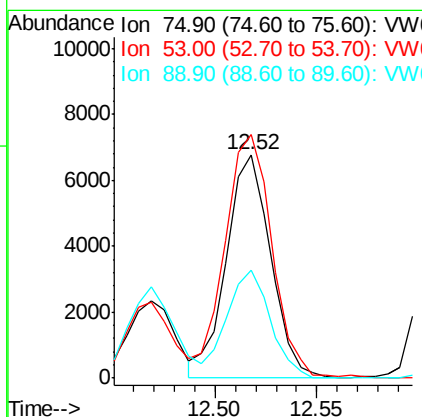
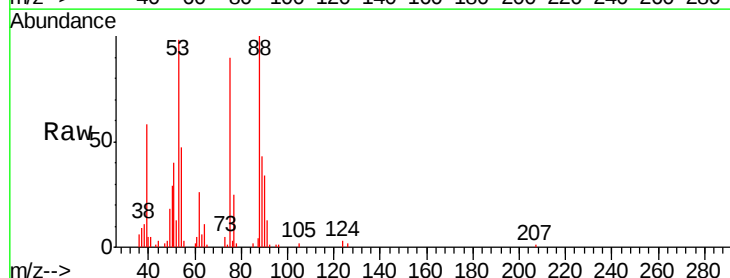
Manual Integrations
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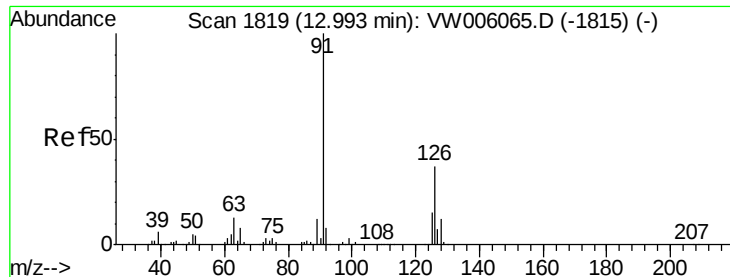
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.27 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion: 75 Resp: 10247
 Ion Ratio Lower Upper
 75 100
 53 115.8 79.8 119.6
 89 46.9 37.5 56.3





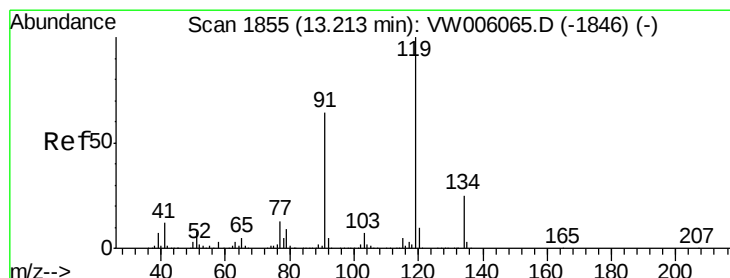
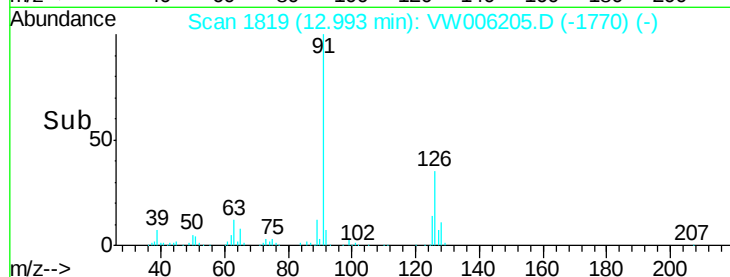
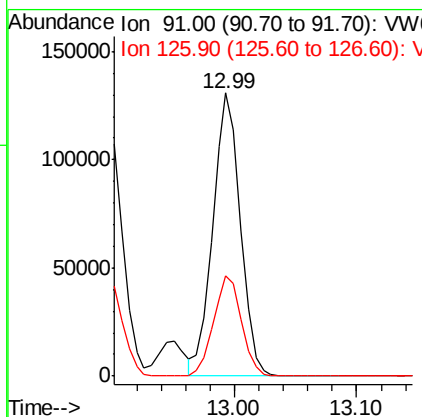
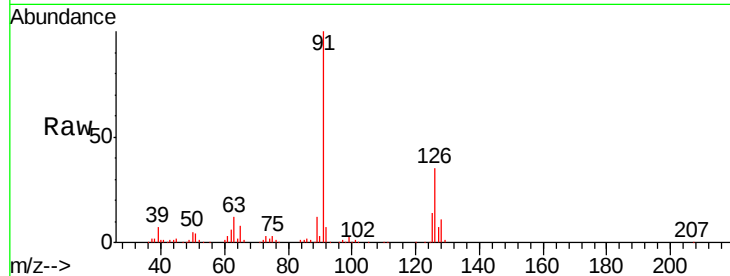
#82
4-Chlorotoluene
Concen: 59.75 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3

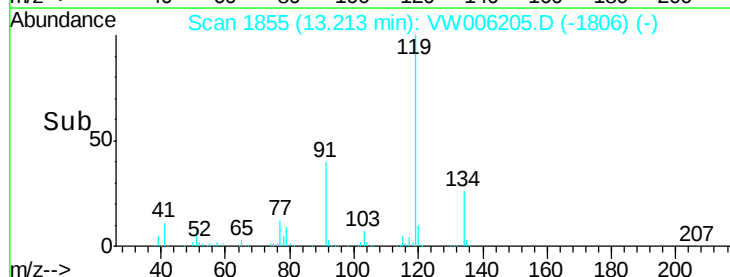
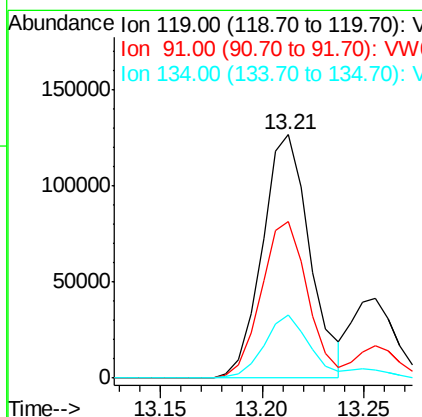
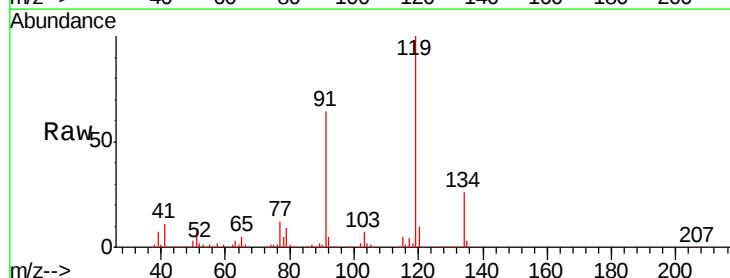
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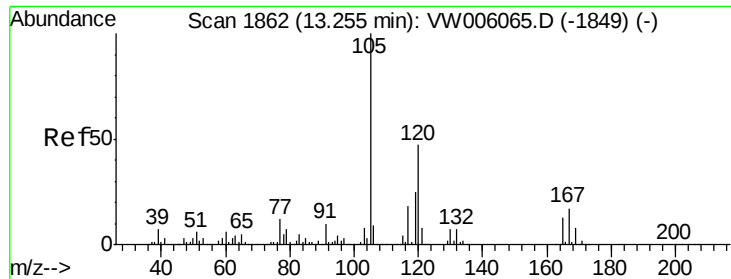
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#83
tert-Butylbenzene
Concen: 54.33 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.3	96.9
134	25.3	13.6	40.8





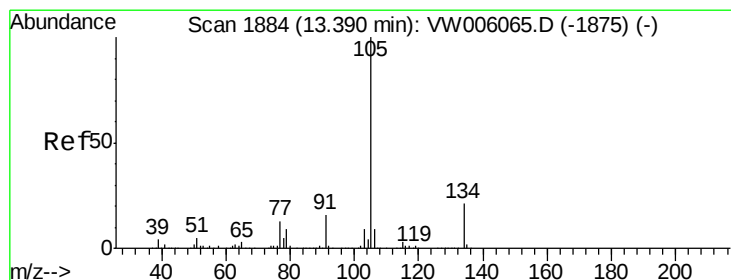
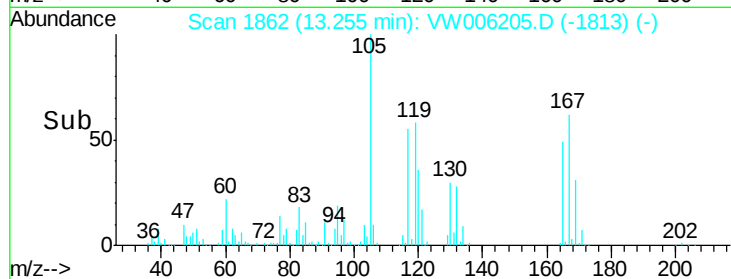
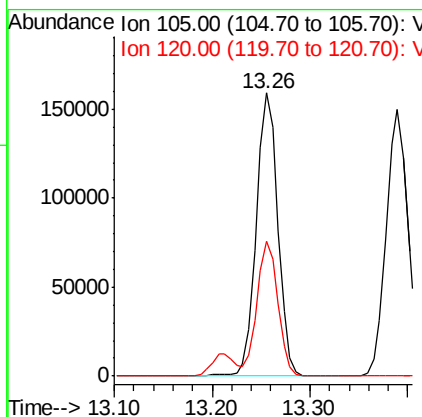
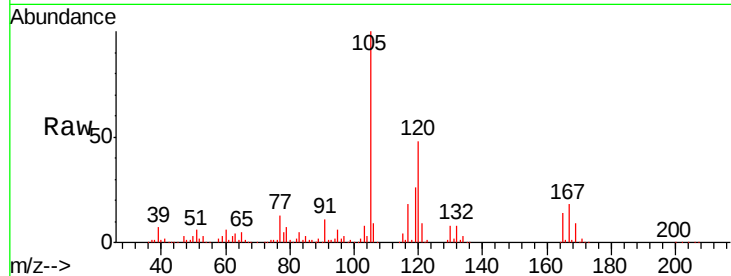
#84
 1,2,4-Trimethylbenzene
 Concen: 57.31 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion:105 Resp: 244653
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

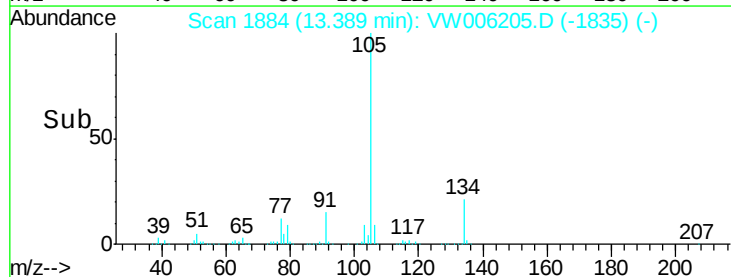
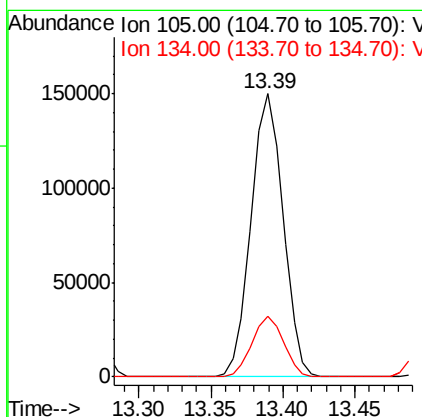
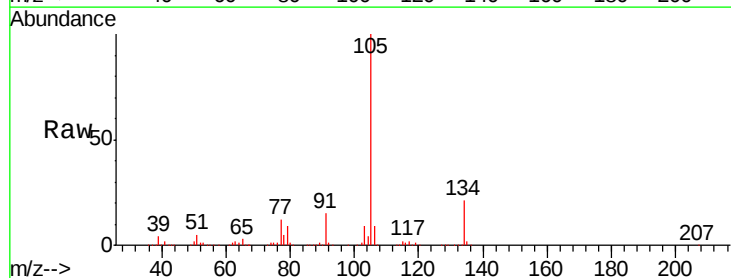
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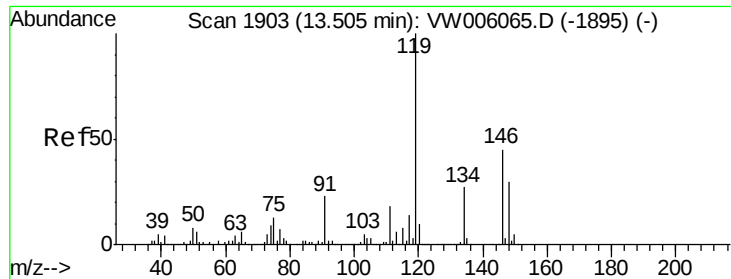
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#85
 sec-Butylbenzene
 Concen: 43.25 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion:105 Resp: 230637
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6





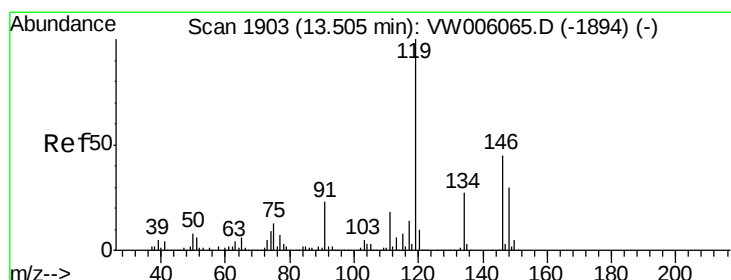
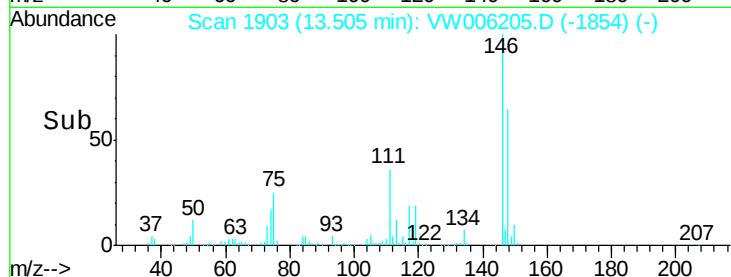
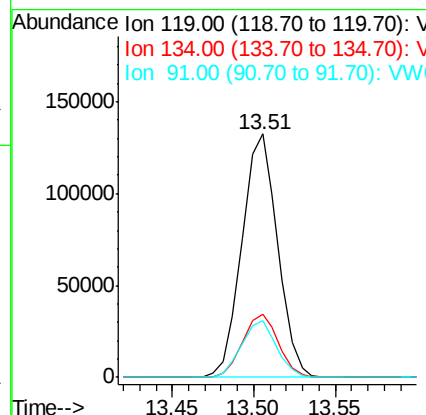
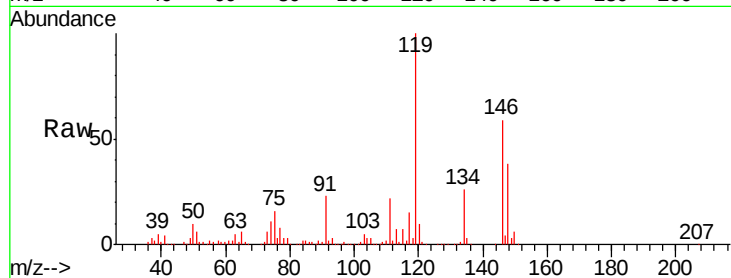
#86
p-Isopropyltoluene
Concen: 41.70 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
134	26.2	13.4	40.2
91	23.0	11.4	34.1

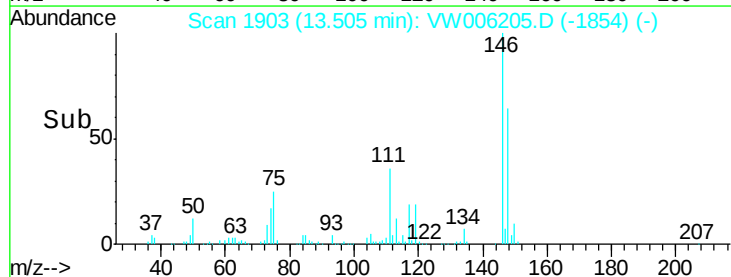
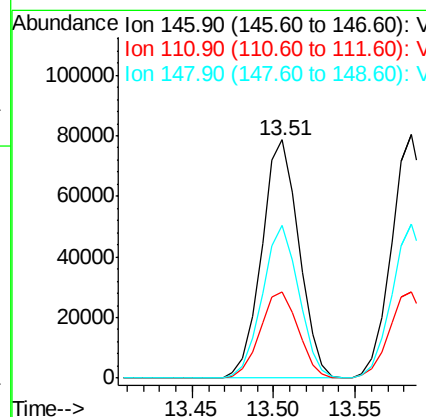
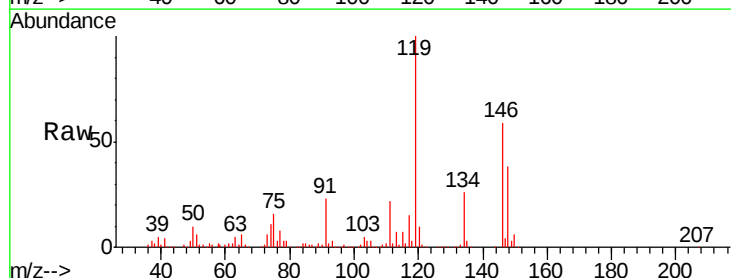
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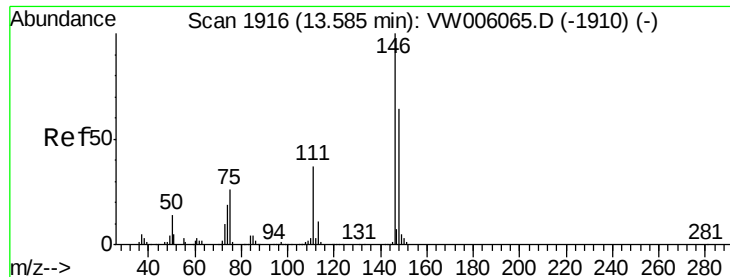
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#87
1,3-Dichlorobenzene
Concen: 51.05 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.2	19.1	57.5
148	63.1	32.0	96.2





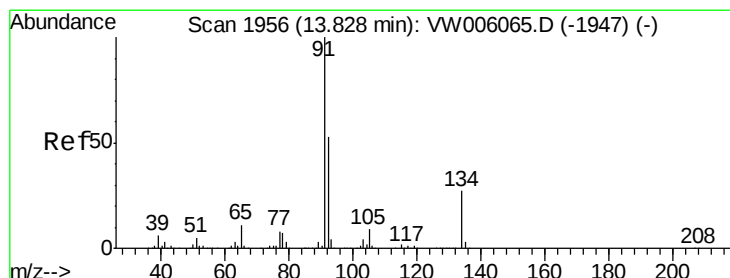
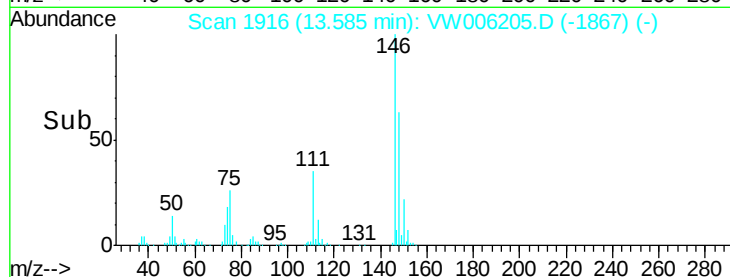
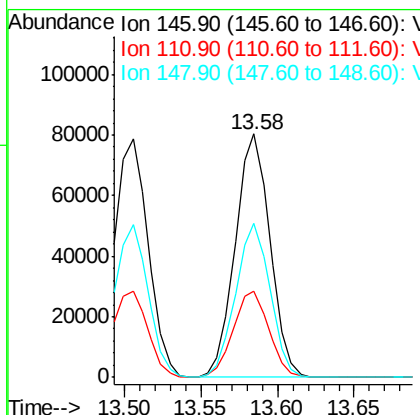
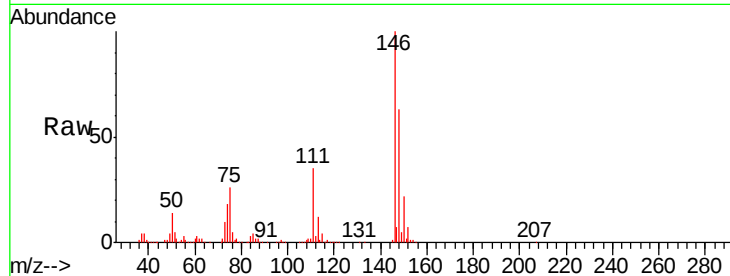
#88
1,4-Dichlorobenzene
Concen: 52.21 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	126804		
111	36.4	18.6	56.0	
148	63.0	32.1	96.5	

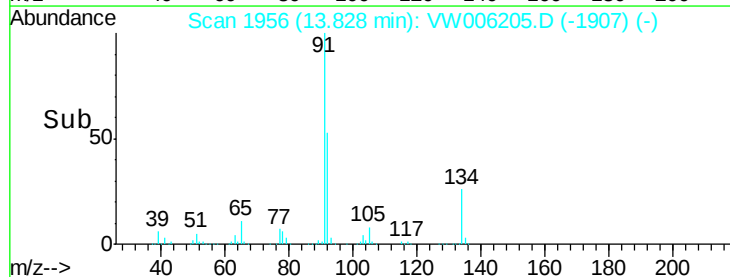
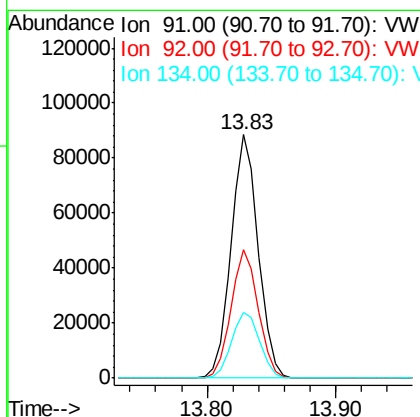
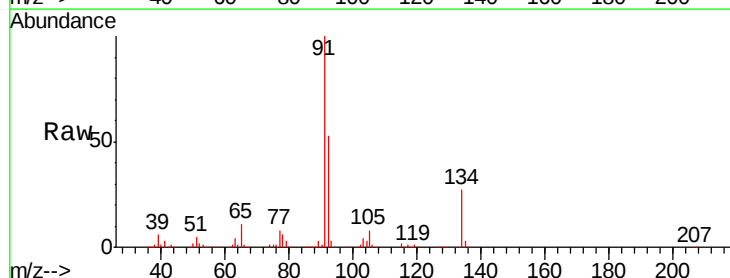
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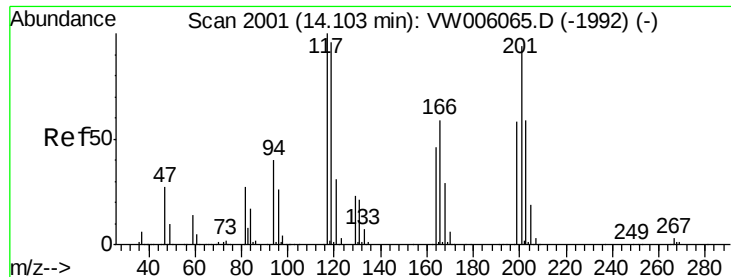
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#89
n-Butylbenzene
Concen: 29.42 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006205.D
Acq: 19 Oct 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	129750		
92	52.9	26.6	79.7	
134	27.9	14.0	41.9	





#90

Hexachloroethane

Concen: 34.19 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MS

Tgt Ion:117 Resp: 27935

Ion Ratio Lower Upper

117 100

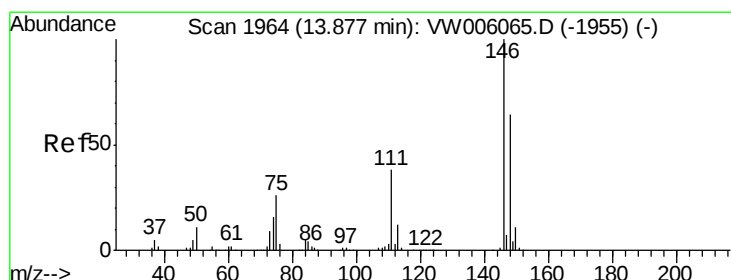
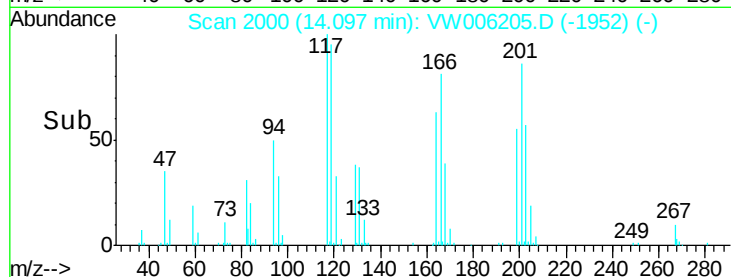
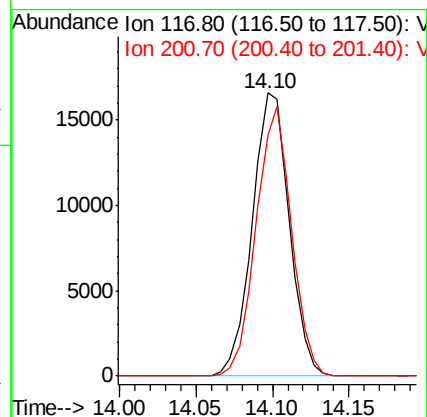
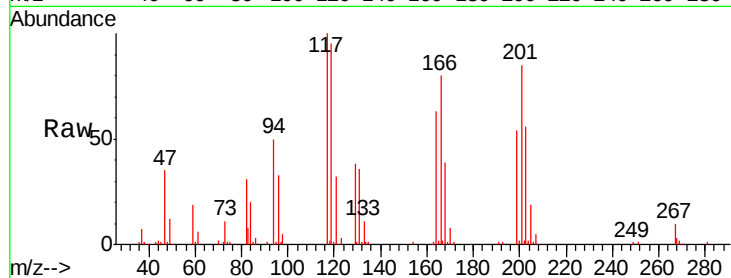
201 91.1 45.3 135.9

Manual Integrations

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#91

1,2-Dichlorobenzene

Concen: 51.68 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

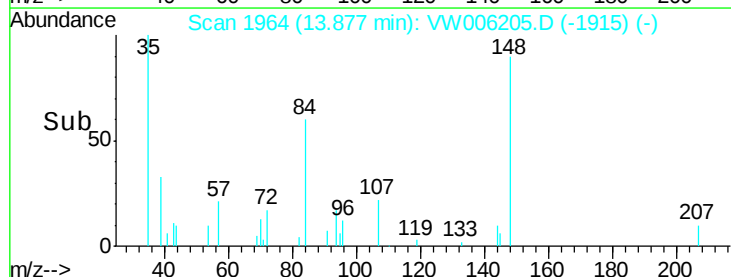
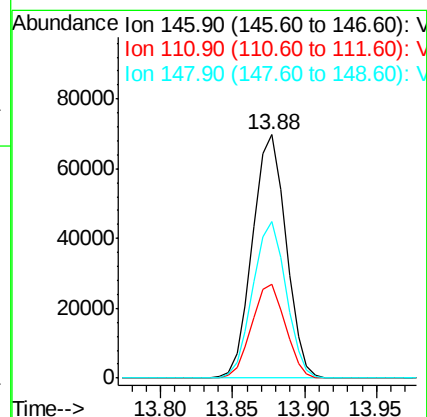
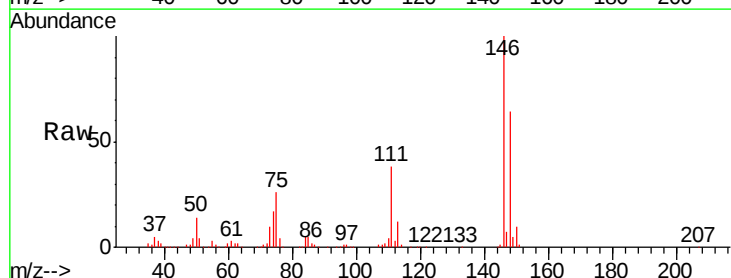
Tgt Ion:146 Resp: 112448

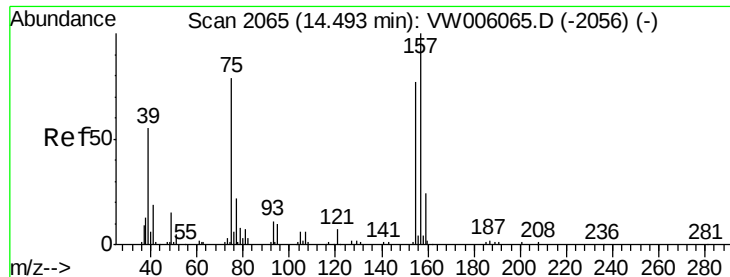
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 63.8 32.2 96.6





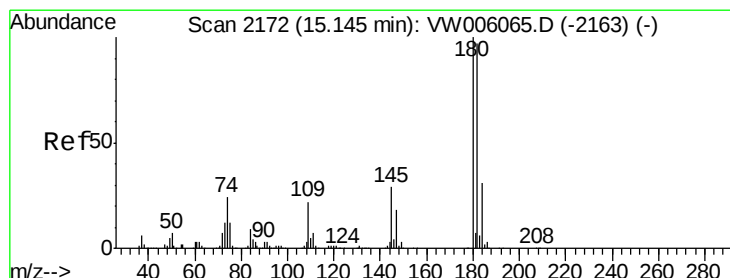
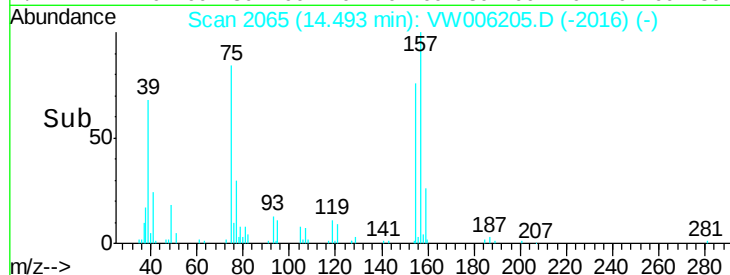
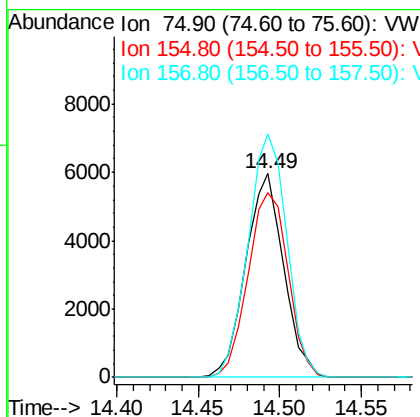
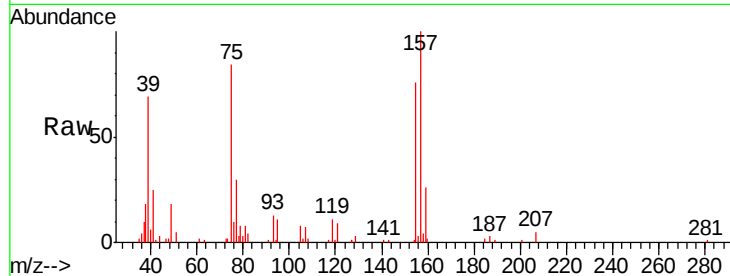
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.08 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion: 75 Resp: 9686
 Ion Ratio Lower Upper
 75 100
 155 95.0 46.5 139.5
 157 121.8 59.8 179.4

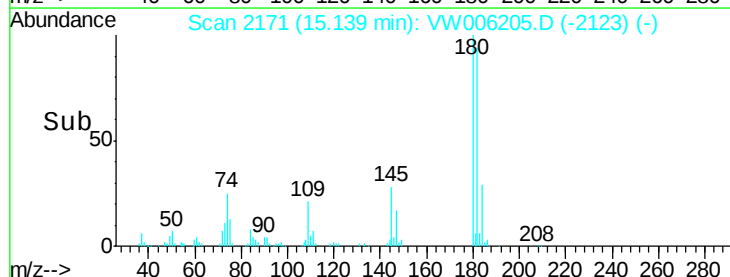
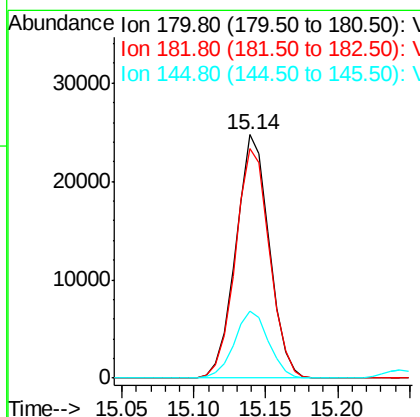
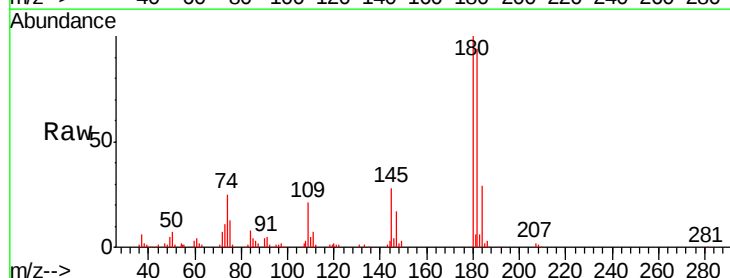
Manual Integrations
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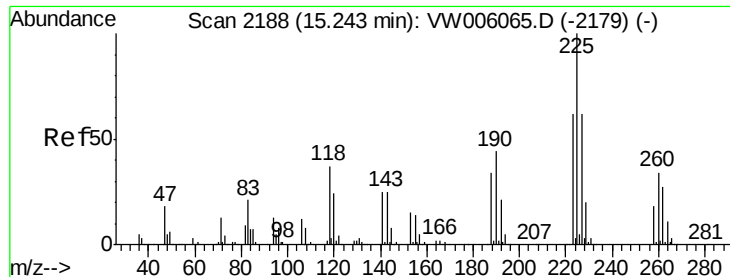
apatel
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#93
 1,2,4-Trichlorobenzene
 Concen: 23.82 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Tgt Ion: 180 Resp: 39888
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.6
 145 28.2 14.2 42.8





#94

Hexachlorobutadiene

Concen: 15.95 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Instrument :

MSVOA_W

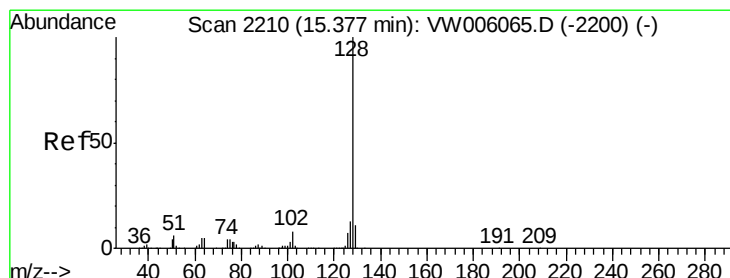
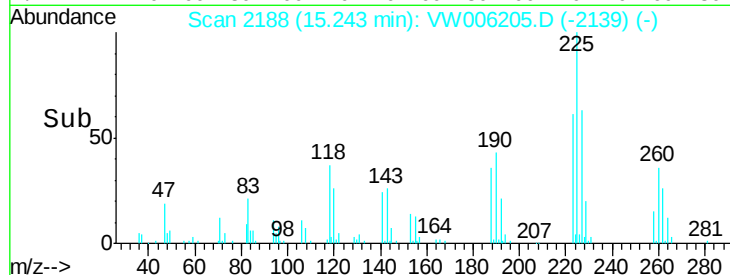
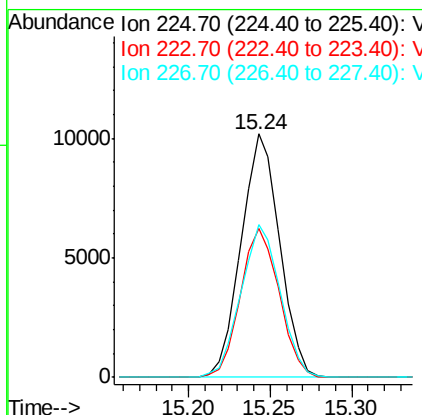
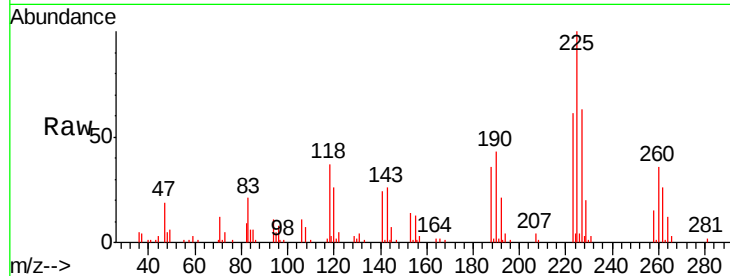
ClientSampled :

RLF-SD-5MS

Tgt Ion:	225	Resp:	16777
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.1	93.5
227	63.7	32.4	97.0

Manual Integrations
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#95

Naphthalene

Concen: 37.91 ug/l

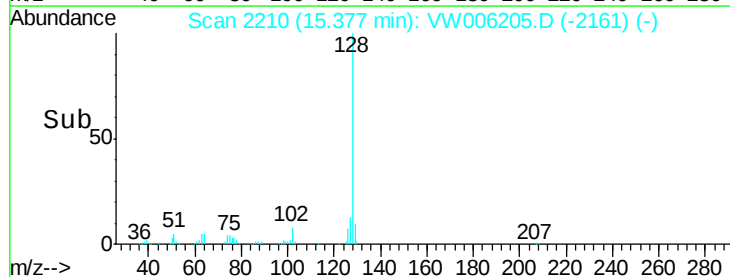
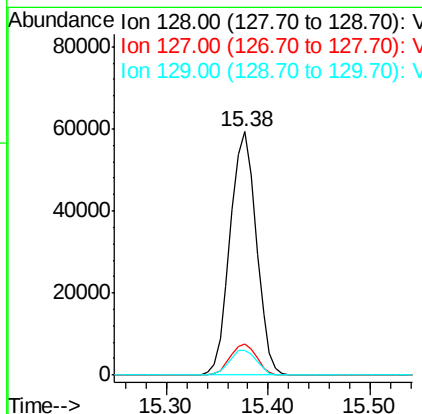
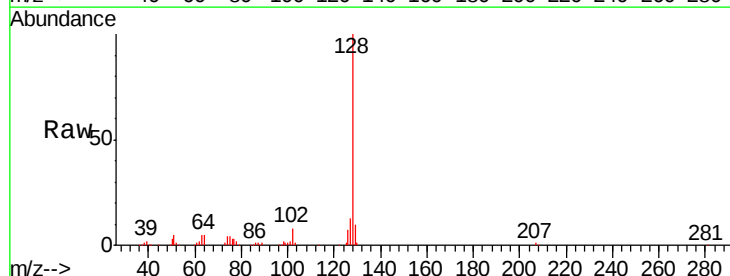
RT: 15.38 min Scan# 2210

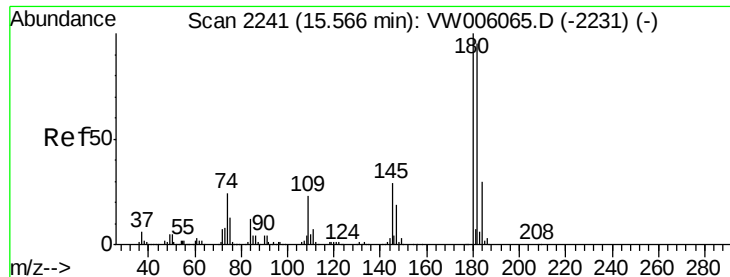
Delta R.T. -0.00 min

Lab File: VW006205.D

Acq: 19 Oct 2018 06:04

Tgt Ion:	128	Resp:	105590
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1





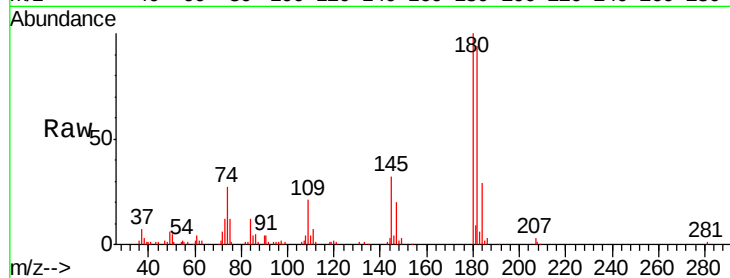
#96
 1,2,3-Trichlorobenzene
 Concen: 22.57 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW006205.D
 Acq: 19 Oct 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	32691		
182	95.3	47.8	143.3	
145	30.9	15.0	45.1	

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

