

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006792.D
 Acq On : 09 Nov 2018 18:07
 Operator : SY/AP
 Sample : VW1109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Manual Integrations
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 11/12/2018 3:41:18 PM

Quant Time: Nov 12 05:02:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	313248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	234797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115232	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.89	113	119862	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.33	98	499597	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	184785	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	60108	23.601	ug/l	100
3) Chloromethane	2.21	50	67669	22.132	ug/l	100
4) Vinyl Chloride	2.36	62	71379	22.206	ug/l	100
5) Bromomethane	2.78	94	47906	20.310	ug/l	97
6) Chloroethane	2.92	64	44752	21.274	ug/l	100
7) Trichlorofluoromethane	3.26	101	87787	21.736	ug/l	98
8) Diethyl Ether	3.69	74	26691	22.717	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58546	21.816	ug/l	99
10) Methyl Iodide	4.28	142	86007	23.069	ug/l	99
11) Tert butyl alcohol	5.23	59	17939	118.722	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	49888	22.294	ug/l	95
13) Acrolein	3.90	56	18786	119.376	ug/l	97
14) Allyl chloride	4.68	41	65440	21.694	ug/l	99
15) Acrylonitrile	5.38	53	53025	112.747	ug/l	99
16) Acetone	4.15	43	37690	113.416	ug/l	99
17) Carbon Disulfide	4.39	76	157327	21.313	ug/l	100
18) Methyl Acetate	4.68	43	25420	21.798	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	129115	23.557	ug/l	100
20) Methylene Chloride	4.92	84	65683	20.974	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	57756	21.578	ug/l	99
22) Diisopropyl ether	6.32	45	143248	22.533	ug/l	97
23) Vinyl Acetate	6.26	43	426247	117.563	ug/l	100
24) 1,1-Dichloroethane	6.23	63	89503	21.522	ug/l	99
25) 2-Butanone	7.18	43	63861	116.388	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85380	21.549	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	62617	21.833	ug/l	99
28) Bromochloromethane	7.52	49	31956	20.516	ug/l	99
29) Tetrahydrofuran	7.54	42	41399	115.117	ug/l	99
30) Chloroform	7.68	83	98186	21.308	ug/l	100
31) Cyclohexane	7.96	56	94287	22.014	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	95198	21.768	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86260	22.690	ug/l	99
37) Ethyl Acetate	7.26	43	31117	23.048	ug/l	99
38) Carbon Tetrachloride	8.07	117	87926	21.647	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	102970	21.273	ug/l	98
40) Benzene	8.33	78	230702	21.490	ug/l	98
41) Methacrylonitrile	7.49	41	16001	20.429	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63440	21.710	ug/l	99
43) Isopropyl Acetate	8.43	43	57660	22.782	ug/l	100
44) Trichloroethene	9.09	130	73006	22.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	55788	22.127	ug/l	96
46) Dibromomethane	9.46	93	29954	21.161	ug/l	97
47) Bromodichloromethane	9.65	83	76271	22.205	ug/l	99
48) Methyl methacrylate	9.44	41	26413	22.159	ug/l	99
49) 1,4-Dioxane	9.48	88	8932	421.485	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	147227	113.223	ug/l	100
52) Toluene	10.39	92	161521	21.401	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	73983	22.213	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86875	22.000	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	46951	22.515	ug/l	99
56) Ethyl methacrylate	10.65	69	50583	21.967	ug/l	97
57) 1,3-Dichloropropane	10.93	76	73990	22.195	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	125325	109.285	ug/l	100
59) 2-Hexanone	10.98	43	101104	114.729	ug/l	99
60) Dibromochloromethane	11.13	129	54985	21.936	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43820	21.842	ug/l	99
64) Tetrachloroethene	10.87	164	66453	21.185	ug/l	99
65) Chlorobenzene	11.66	112	187303	21.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	60211	21.497	ug/l	99
67) Ethyl Benzene	11.74	91	316788	21.537	ug/l	99
68) m/p-Xylenes	11.85	106	260902	43.487	ug/l	100
69) o-Xylene	12.17	106	119587	21.651	ug/l	100
70) Styrene	12.18	104	194521	21.667	ug/l	99
71) Bromoform	12.35	173	33260	21.437	ug/l #	98
73) Isopropylbenzene	12.47	105	327011	21.646	ug/l	99
74) N-amyl acetate	12.28	43	54784	22.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49042	21.790	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30705m	17.932	ug/l	
77) Bromobenzene	12.75	156	85628	21.921	ug/l	99
78) n-propylbenzene	12.81	91	391818	21.828	ug/l	100
79) 2-Chlorotoluene	12.90	91	220595	21.815	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	284666	21.748	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13870	21.537	ug/l	95
82) 4-Chlorotoluene	12.99	91	234793	21.725	ug/l	99
83) tert-Butylbenzene	13.21	119	246687	21.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	290005	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	350558	21.656	ug/l	100
86) p-Isopropyltoluene	13.51	119	319791	21.658	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	168432	21.224	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	169812	21.484	ug/l	99
89) n-Butylbenzene	13.83	91	292915	21.494	ug/l	99
90) Hexachloroethane	14.10	117	49682	21.448	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	149271	21.501	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8085	22.247	ug/l	96

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ClientSampleId :
VW1109SBSD01

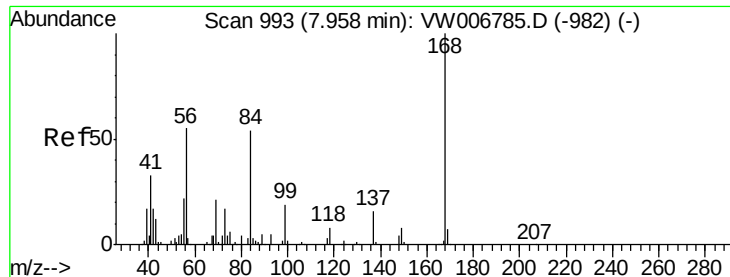
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	110610	21.522	ug/l	99
94) Hexachlorobutadiene	15.24	225	68644	21.223	ug/l	99
95) Naphthalene	15.38	128	172394	21.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	96121	21.621	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion:168 Resp: 313248

Ion Ratio Lower Upper

168 100

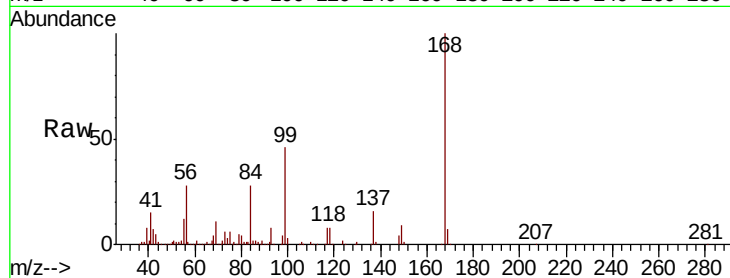
99 46.5 36.8 55.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

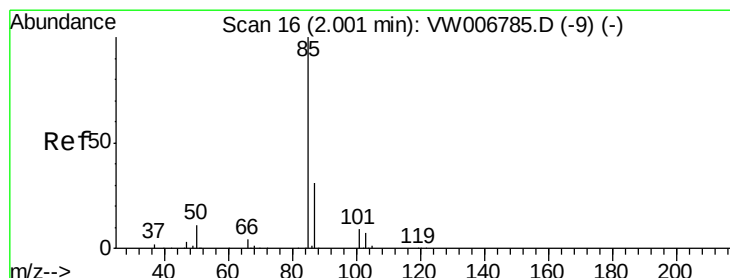
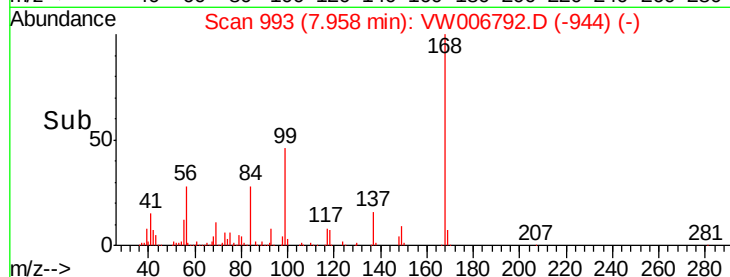
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.601 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006792.D

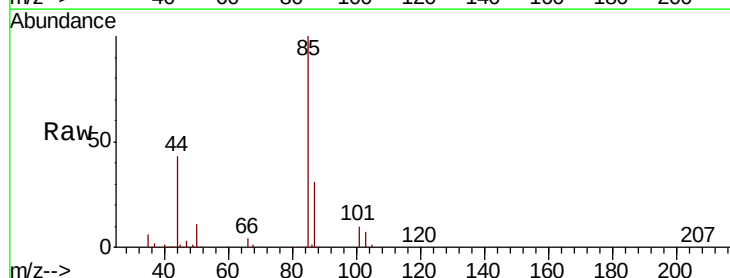
Acq: 09 Nov 2018 18:07

Tgt Ion: 85 Resp: 60108

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

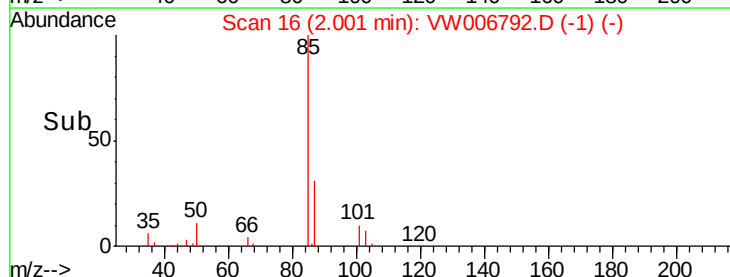
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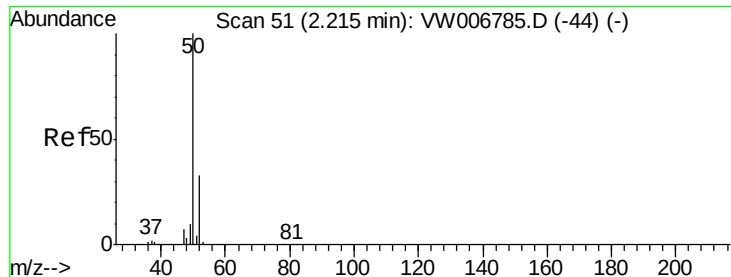
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.132 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion: 50 Resp: 67669

Ion Ratio Lower Upper

50 100

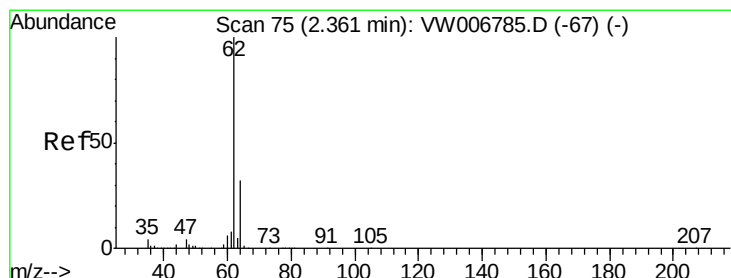
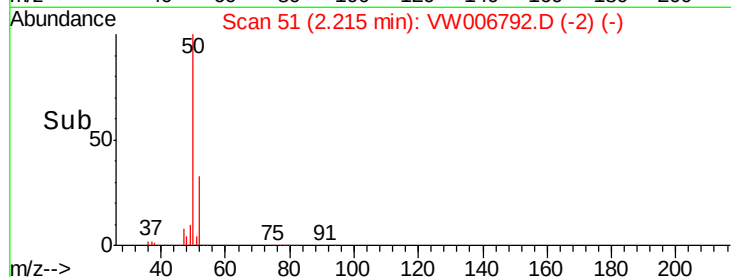
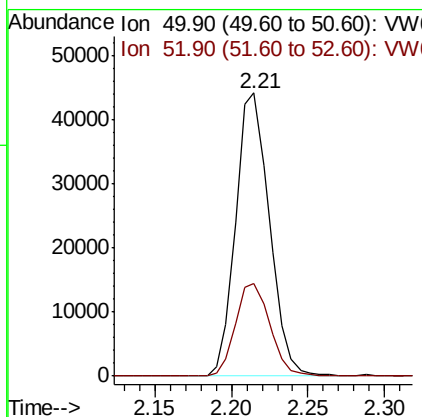
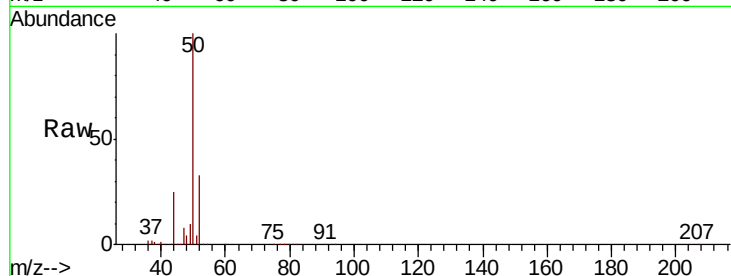
52 32.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.206 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006792.D

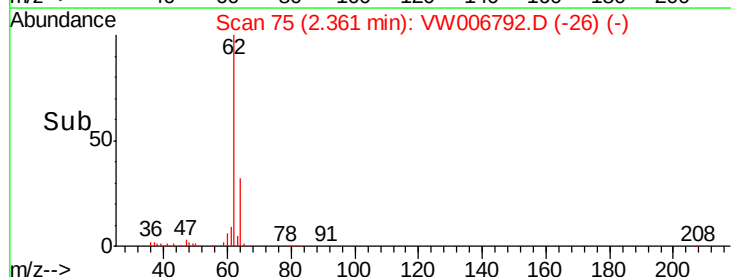
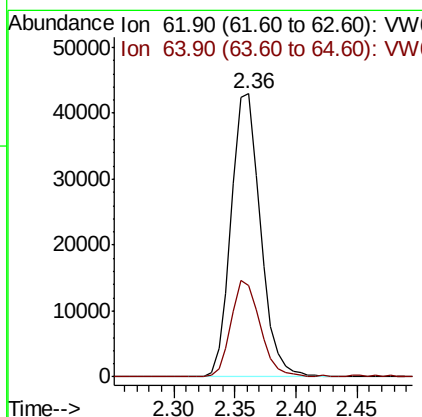
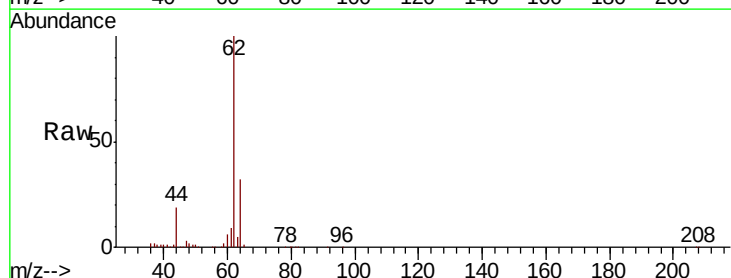
Acq: 09 Nov 2018 18:07

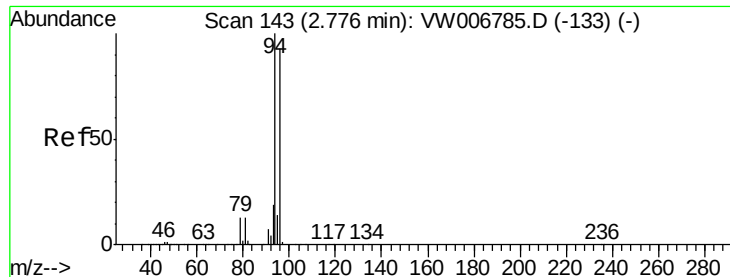
Tgt Ion: 62 Resp: 71379

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.6





#5

Bromomethane

Concen: 20.310 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion: 94 Resp: 47906

Ion Ratio Lower Upper

94 100

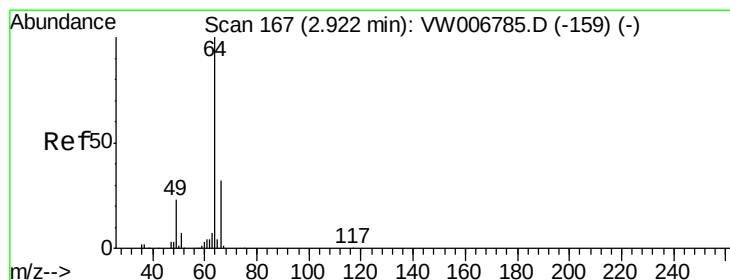
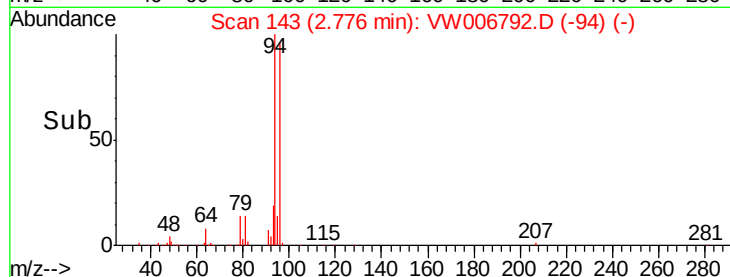
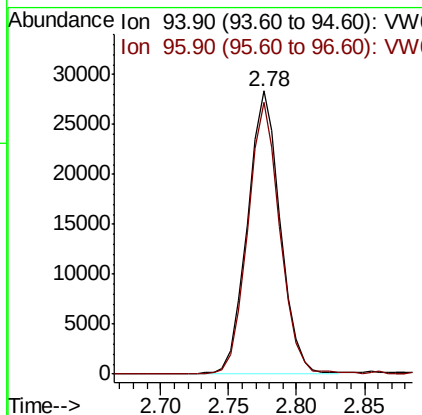
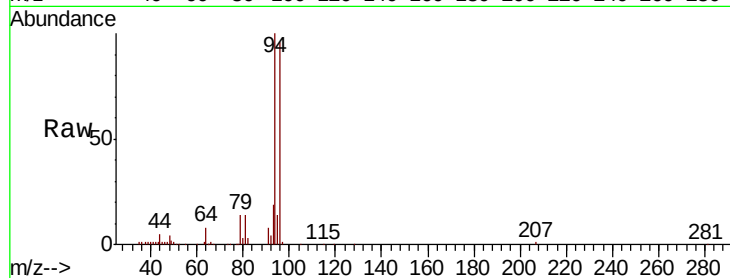
96 95.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 21.274 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006792.D

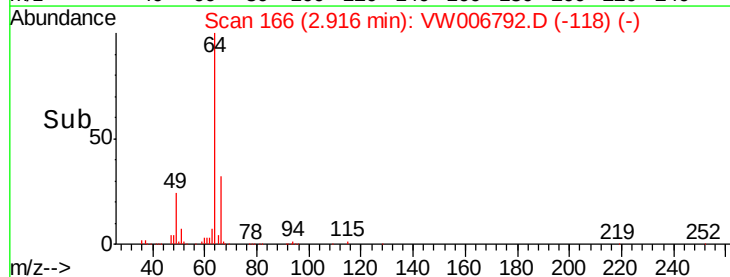
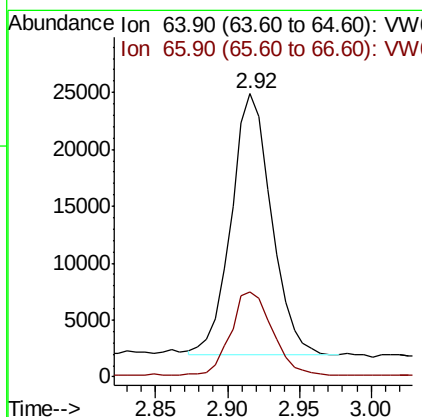
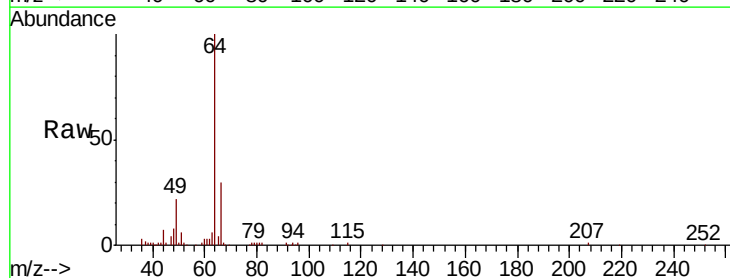
Acq: 09 Nov 2018 18:07

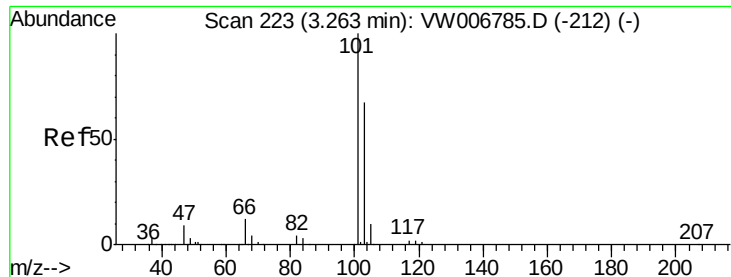
Tgt Ion: 64 Resp: 44752

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2





#7

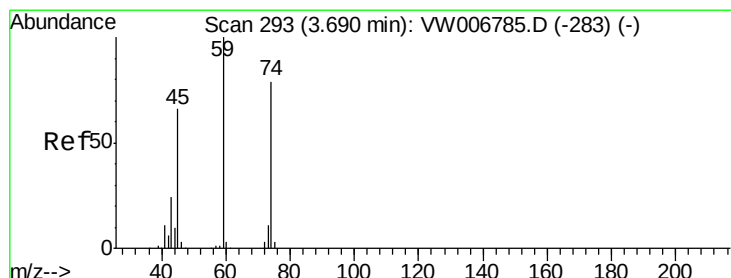
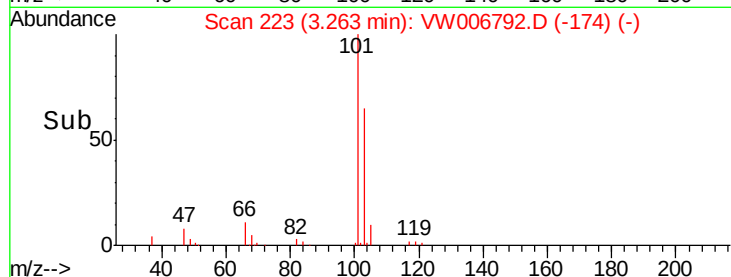
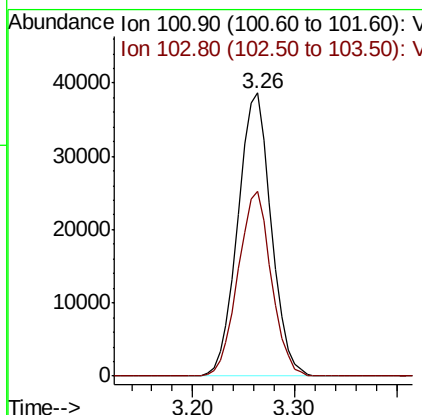
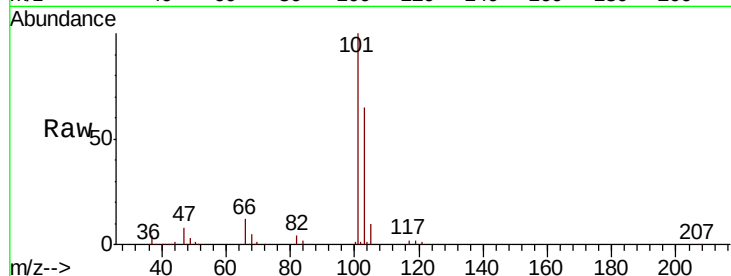
Trichlorofluoromethane
 Concen: 21.736 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
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 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.4	80.0

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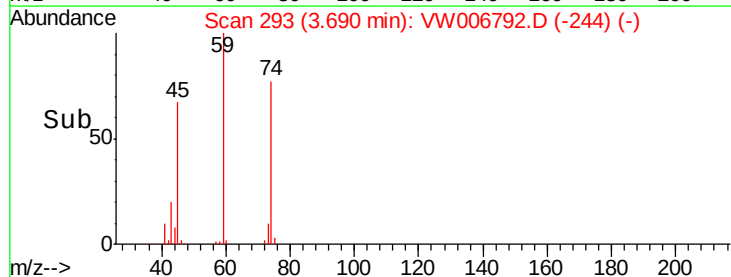
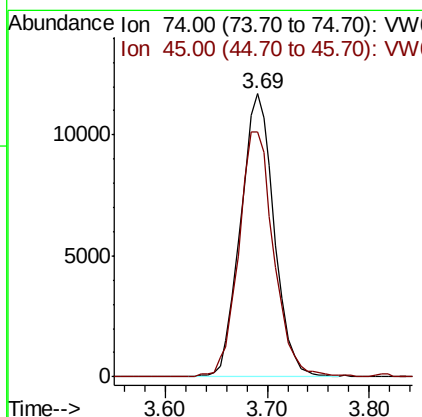
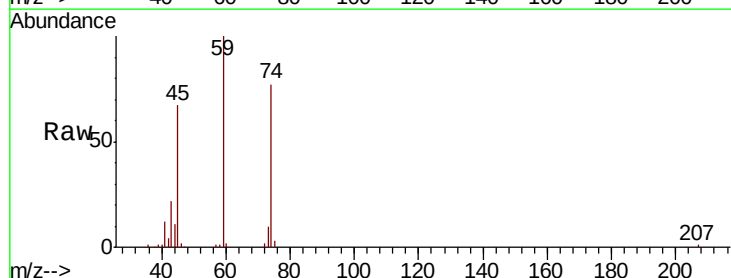
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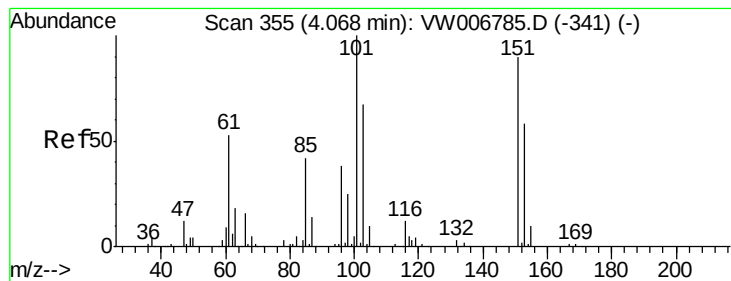


#8

Diethyl Ether
 Concen: 22.717 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	44.0	132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.816 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

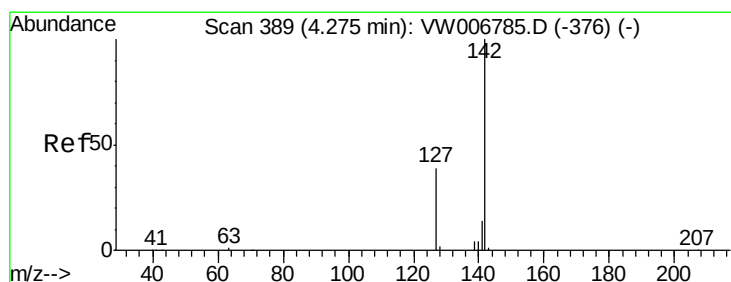
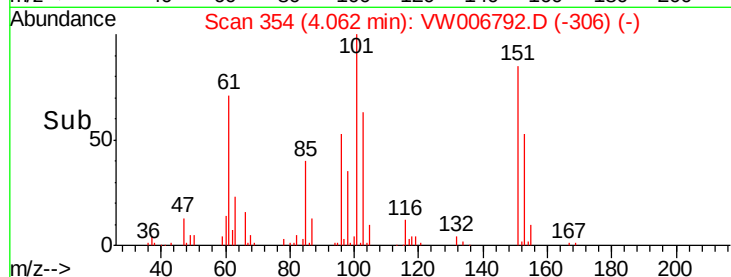
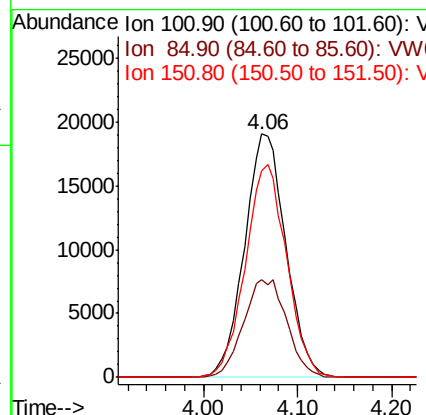
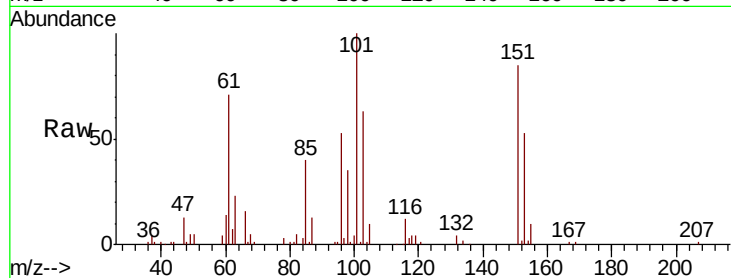
ClientSampleId :

VW1109SBS01

Tot Ion:	101	Resp:	58546
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.0	51.0
151	87.3	70.7	106.1

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#10

Methyl Iodide

Concen: 23.069 ug/l

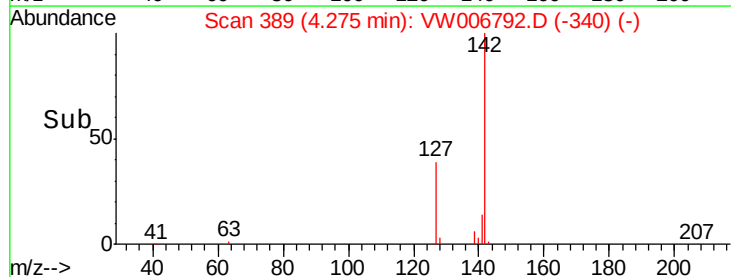
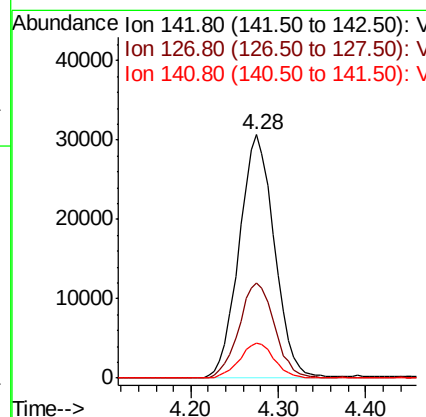
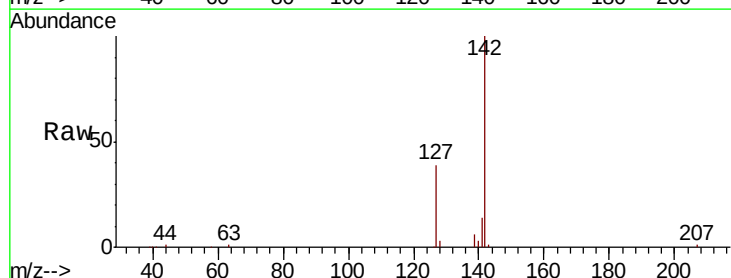
RT: 4.28 min Scan# 389

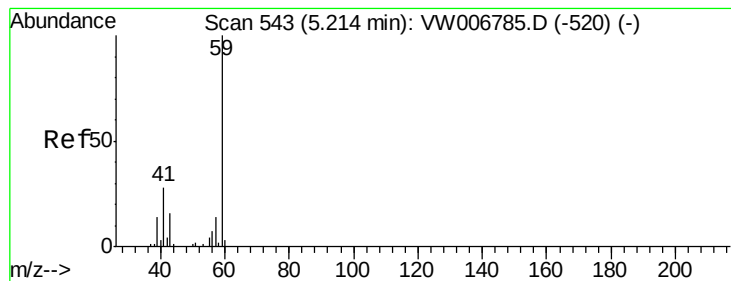
Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion:	142	Resp:	86007
Ion Ratio	Lower	Upper	
142	100		
127	39.3	32.3	48.5
141	14.2	11.4	17.0





#11

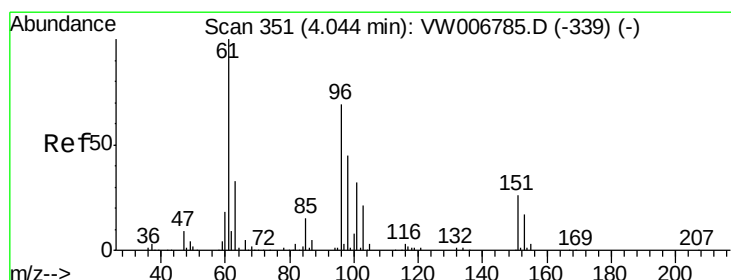
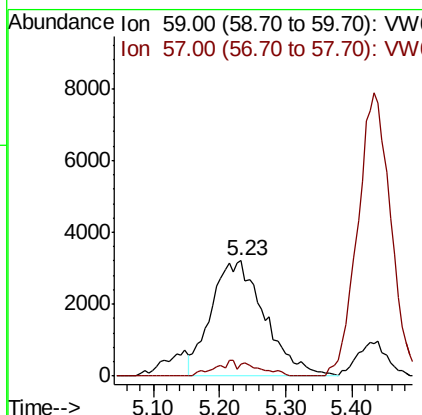
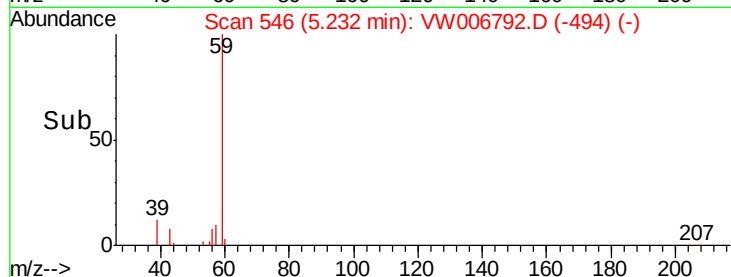
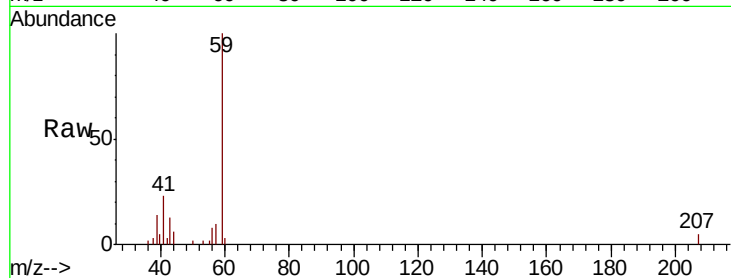
Tert butyl alcohol
Concen: 118.722 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	59	57	Ratio	100	5.2	Resp	17939	Lower	8.7	Upper	13.1#
Ion	59	57	Ratio	100	5.2	Resp	17939	Lower	8.7	Upper	13.1#

Manual Integrations
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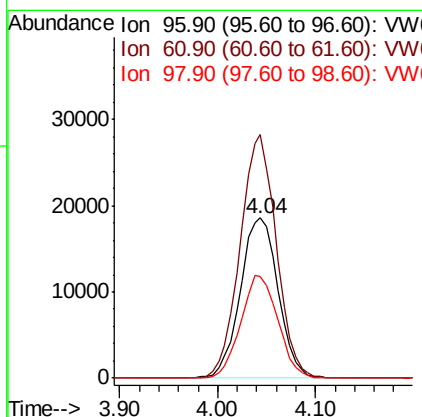
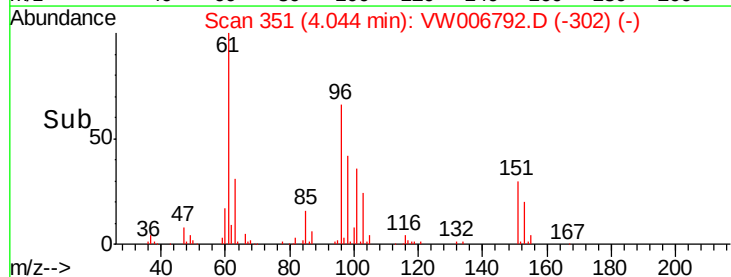
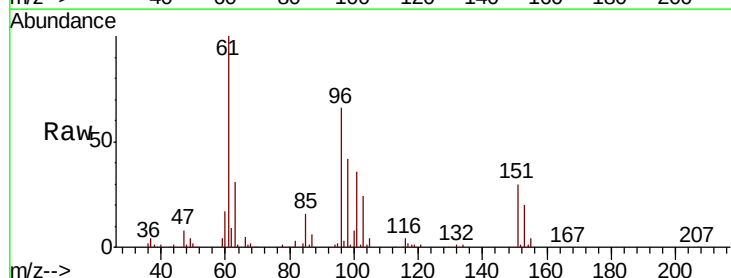
apatel
11/12/2018 3:41:18 PM

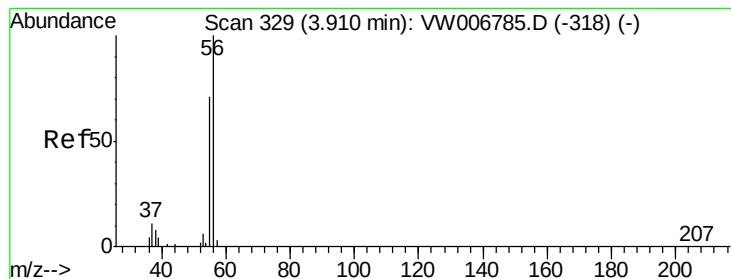


#12

1,1-Dichloroethene
Concen: 22.294 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	96	61	98	Ratio	100	152.3	63.6	Resp	49888	Lower	116.0	52.0	Upper	174.0	78.0
Ion	96	61	98	Ratio	100	152.3	63.6	Resp	49888	Lower	116.0	52.0	Upper	174.0	78.0





#13

Acrolein

Concen: 119.376 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBSD01

Tot Ion: 56 Resp: 18786

Ion Ratio Lower Upper

56 100

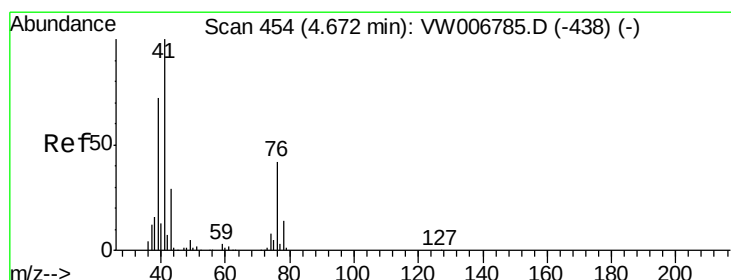
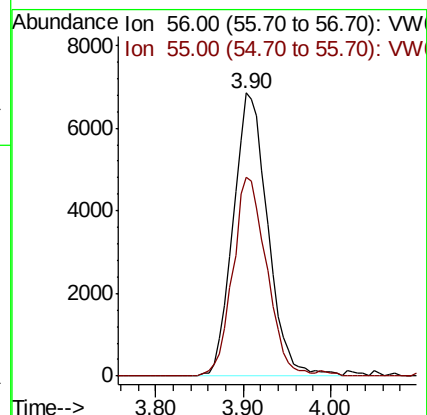
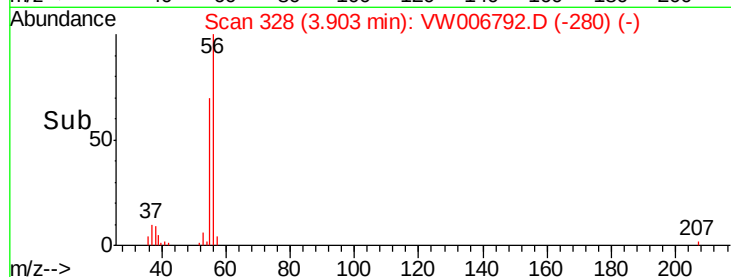
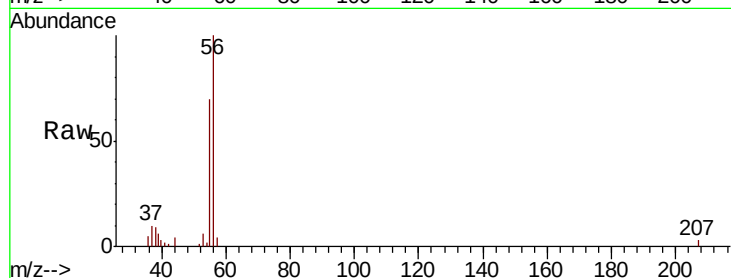
55 68.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 21.694 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

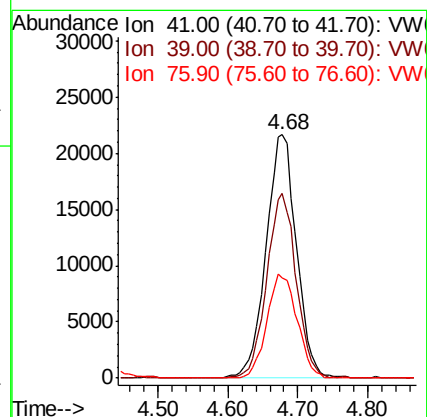
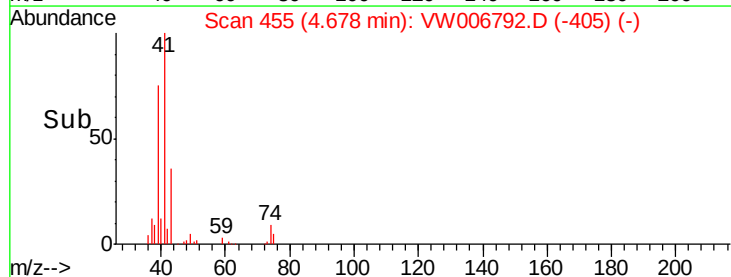
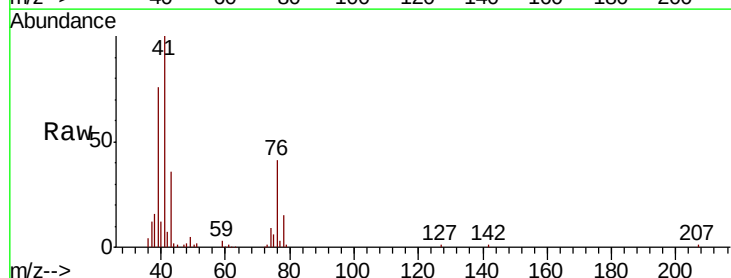
Tgt Ion: 41 Resp: 65440

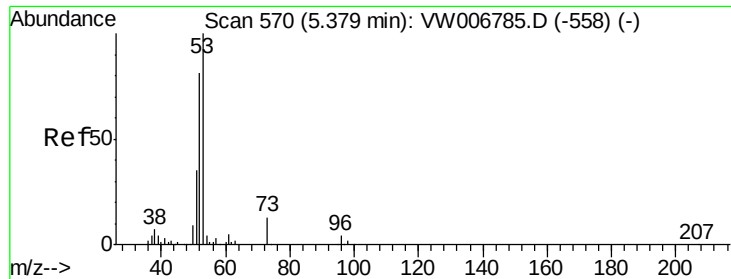
Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

76 42.4 34.2 51.4





#15

Acrylonitrile

Concen: 112.747 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

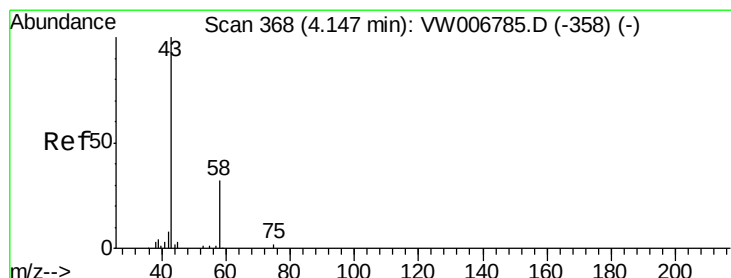
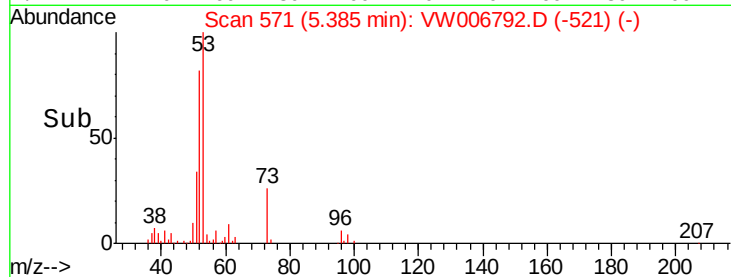
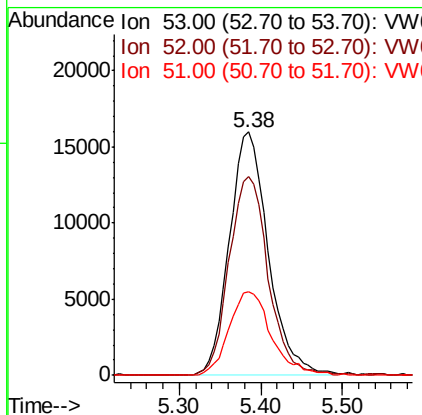
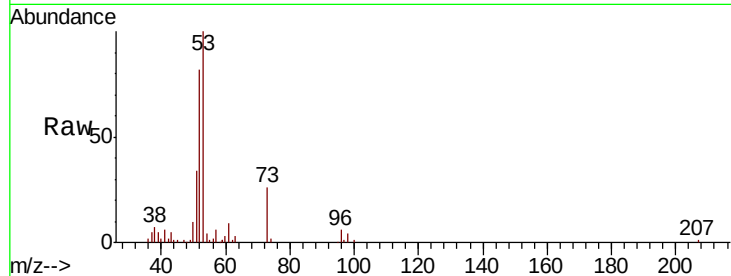
ClientSampleId :

VW1109SBS01

Tot Ion:	53	Resp:	53025
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.2	97.8
51	37.0	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 113.416 ug/l

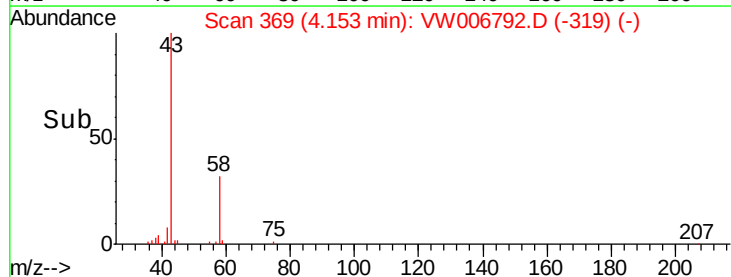
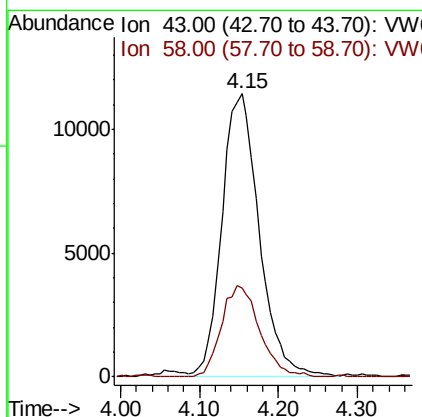
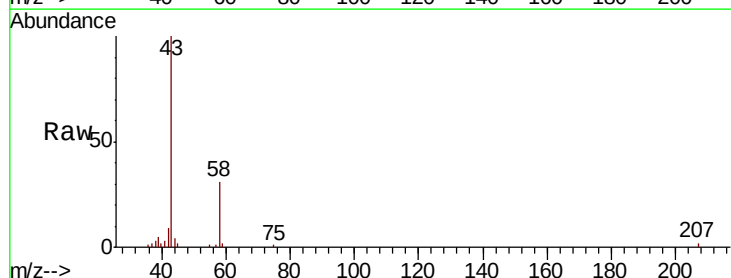
RT: 4.15 min Scan# 369

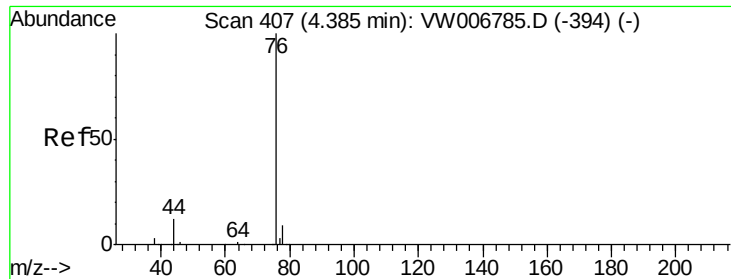
Delta R.T. 0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion:	43	Resp:	37690
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.4	38.0





#17

Carbon Disulfide

Concen: 21.313 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBSD01

Tot Ion: 76 Resp: 157327

Ion Ratio Lower Upper

76 100

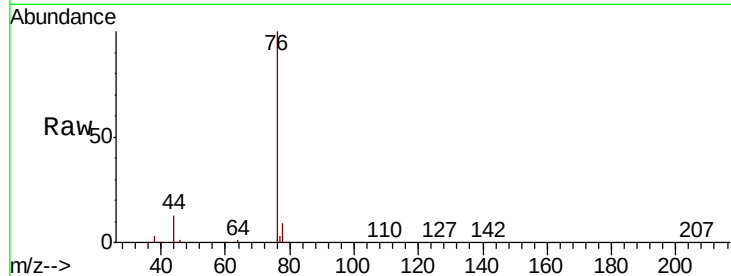
78 9.3 7.4 11.0

Manual Integrations

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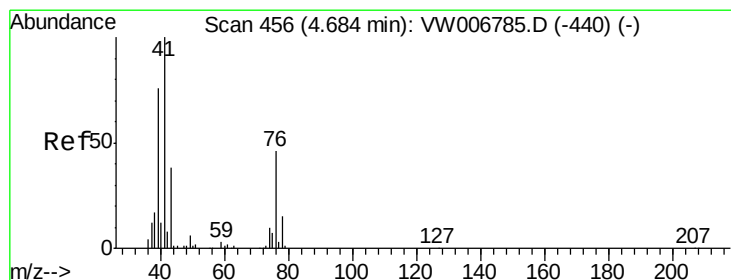
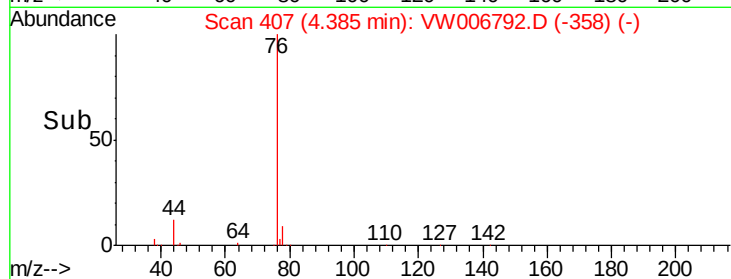
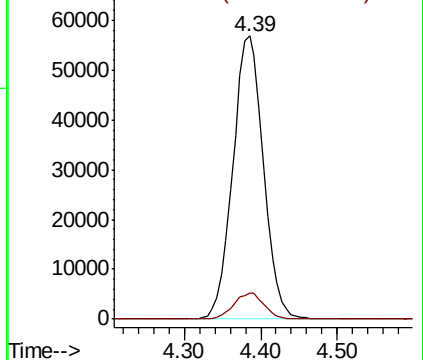
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.798 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW006792.D

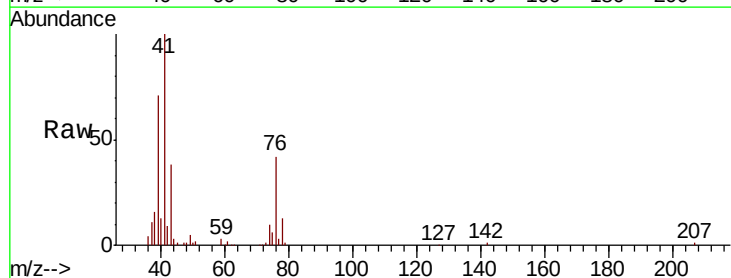
Acq: 09 Nov 2018 18:07

Tgt Ion: 43 Resp: 25420

Ion Ratio Lower Upper

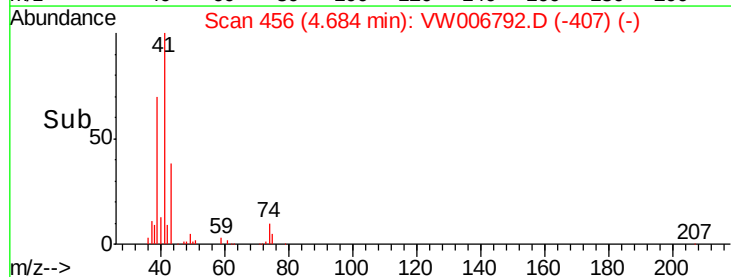
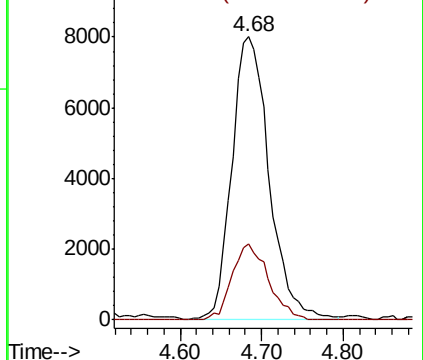
43 100

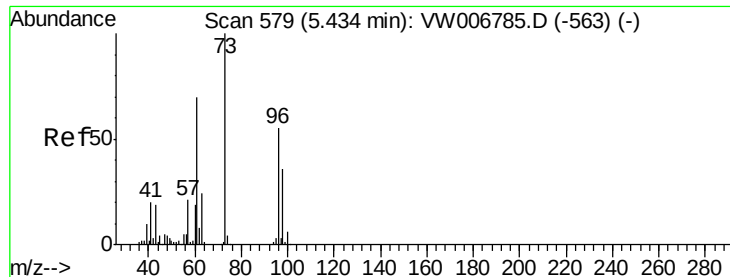
74 26.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





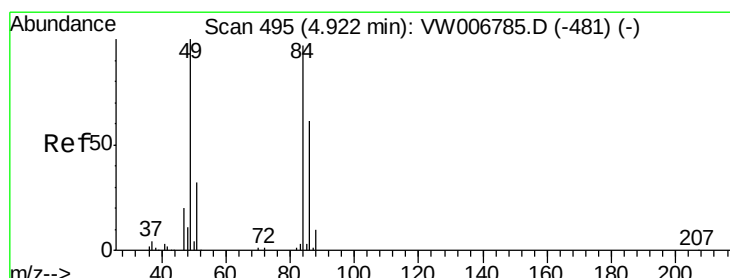
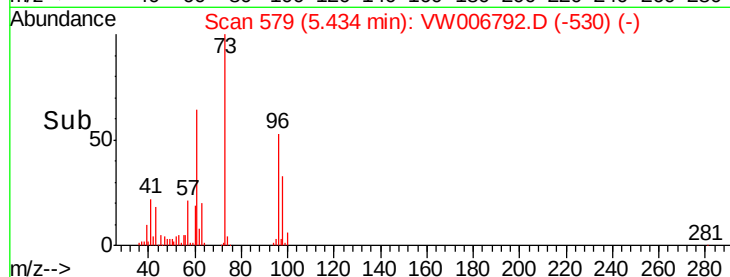
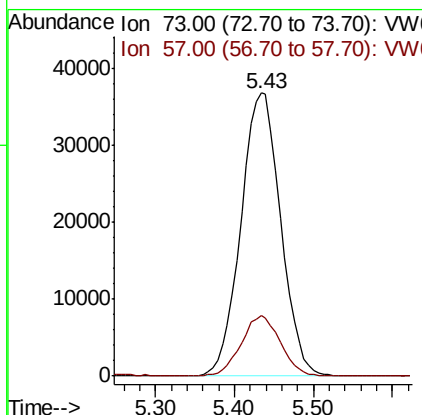
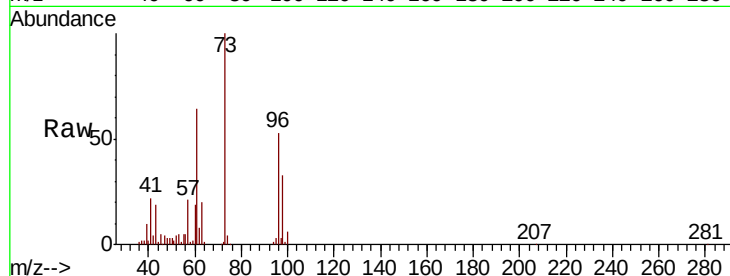
#19
Methyl tert-butyl Ether
Concen: 23.557 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.0	25.6

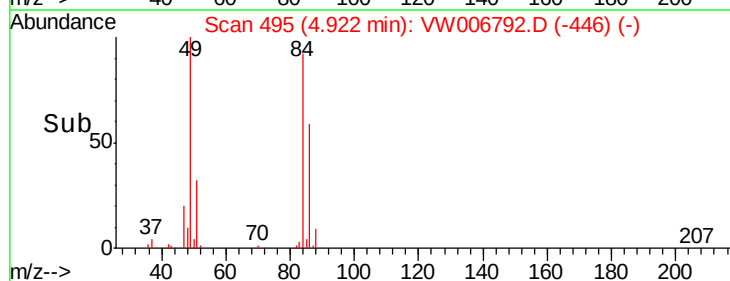
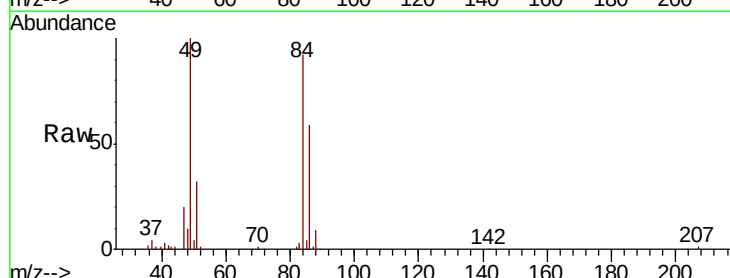
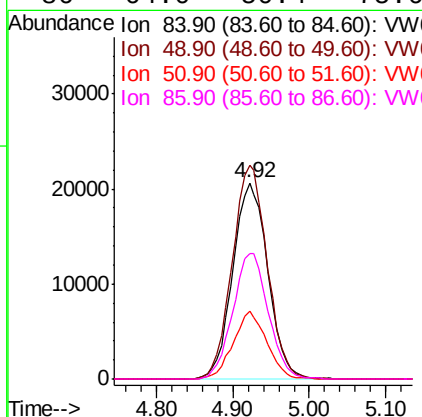
Manual Integrations
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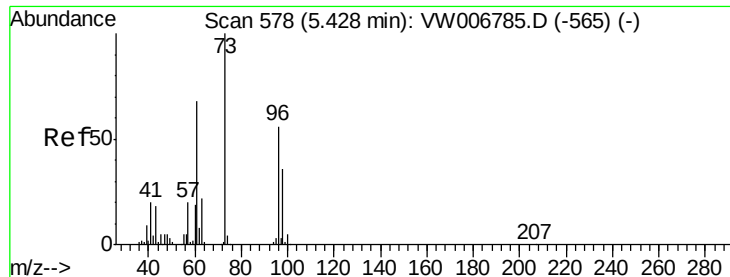
apatel
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#20
Methylene Chloride
Concen: 20.974 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	82.4	123.6
51	34.4	26.7	40.1
86	64.0	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 21.578 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

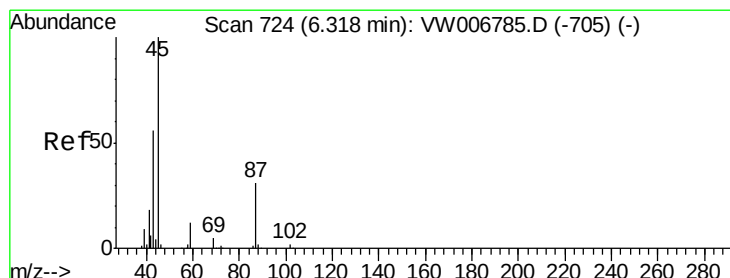
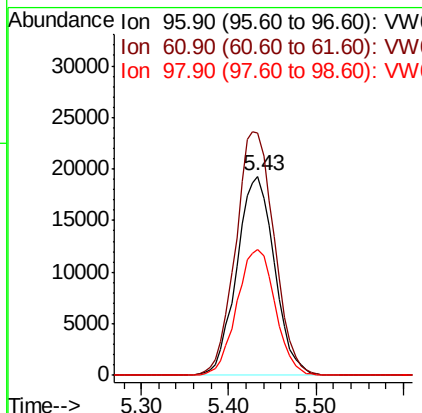
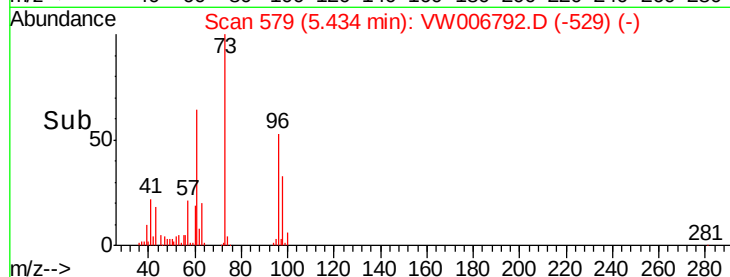
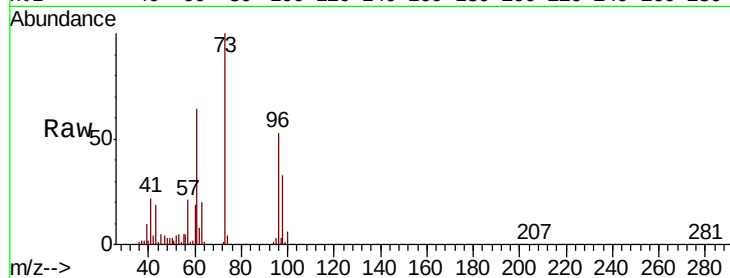
ClientSampleId :

VW1109SBS01

Tot Ion:	96	Resp:	57756
Ion	Ratio	Lower	Upper
96	100		
61	121.7	97.6	146.4
98	63.2	51.6	77.4

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#22

Diisopropyl ether

Concen: 22.533 ug/l

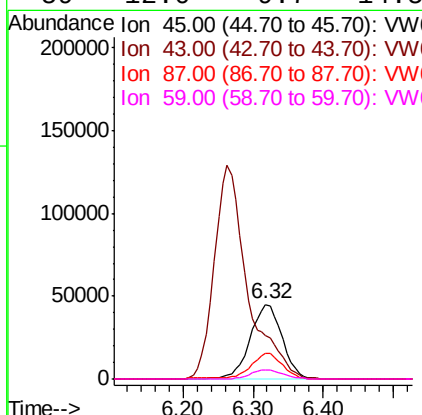
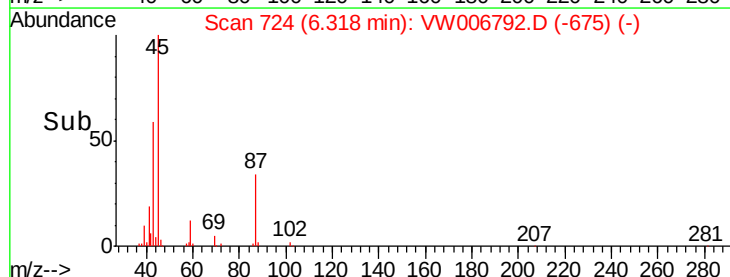
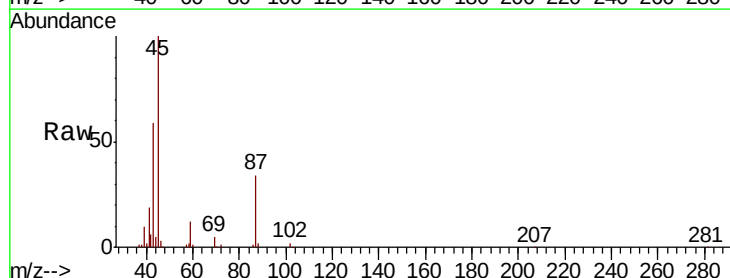
RT: 6.32 min Scan# 724

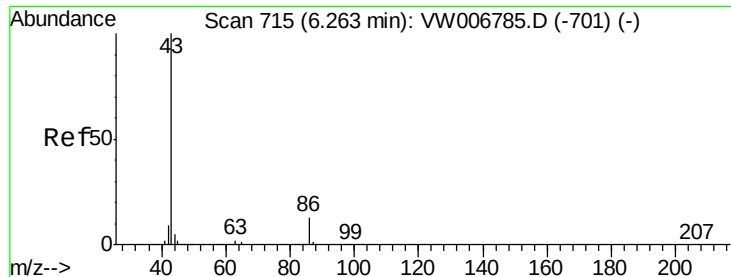
Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion:	45	Resp:	143248
Ion	Ratio	Lower	Upper
45	100		
43	58.4	44.6	66.8
87	33.8	25.5	38.3
59	12.0	9.7	14.5





#23

Vinyl Acetate

Concen: 117.563 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion: 43 Resp: 426247

Ion Ratio Lower Upper

43 100

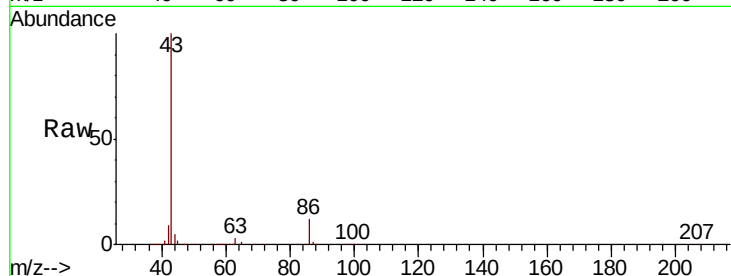
86 12.4 10.0 15.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

150000

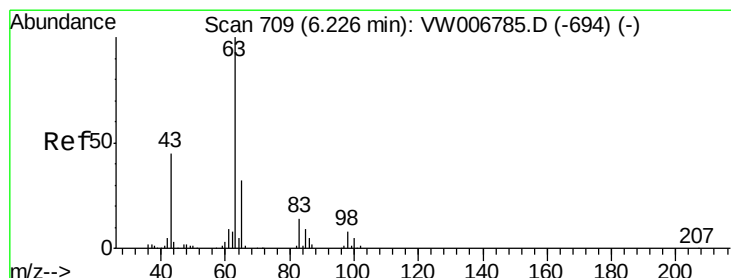
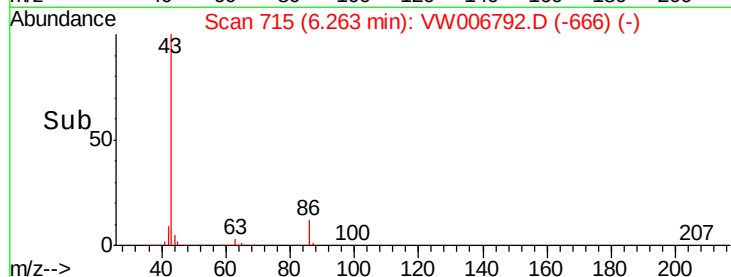
6.26

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.522 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

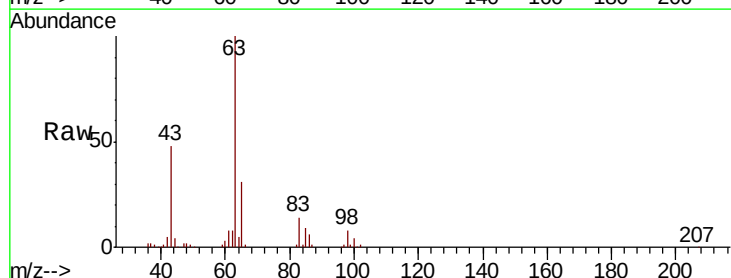
Tgt Ion: 63 Resp: 89503

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

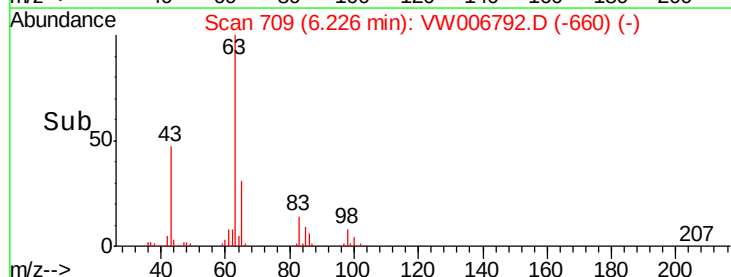
30000

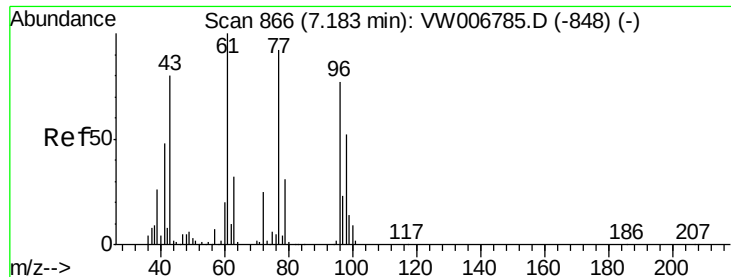
20000

10000

0

Time-->





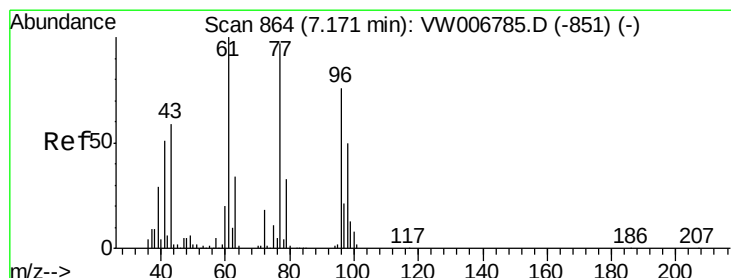
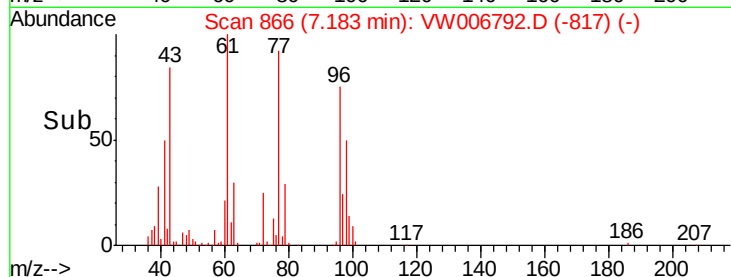
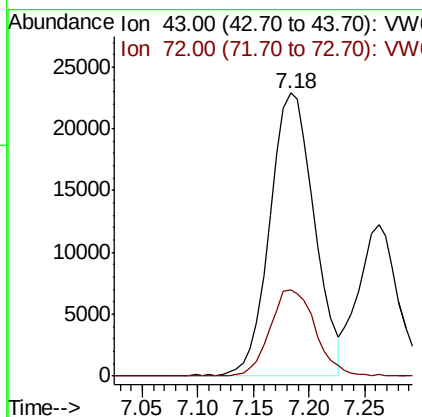
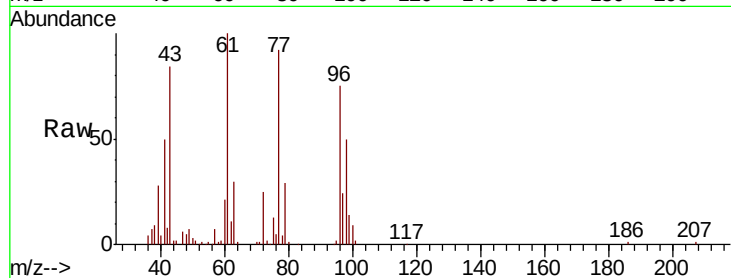
#25
2-Butanone
Concen: 116.388 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	43	Resp	63861
Ion Ratio	100	Lower	Upper
72	30.4	24.5	36.7

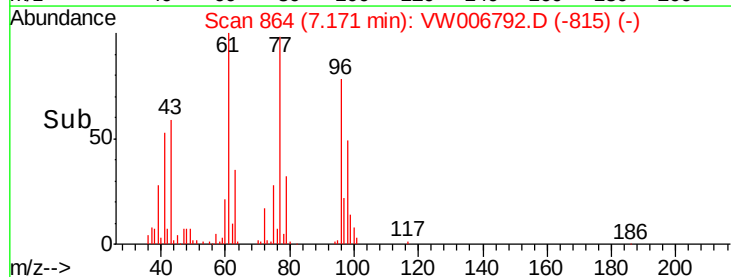
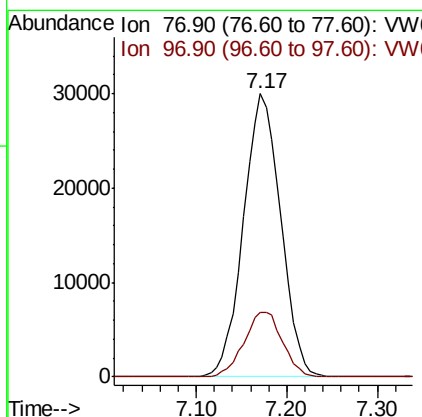
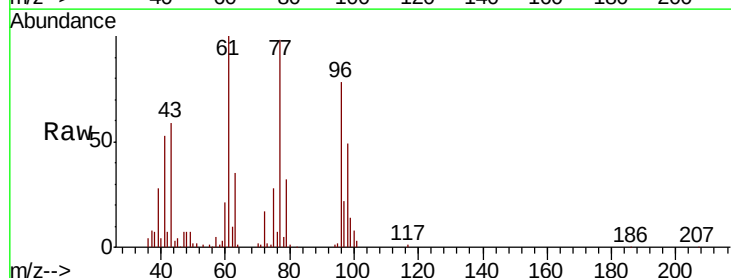
Manual Integrations
APPROVED

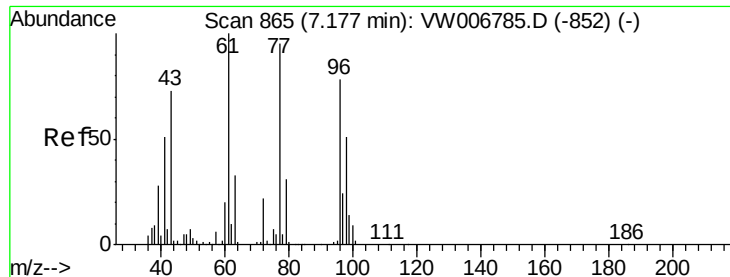
apatel
11/12/2018 3:41:18 PM



#26
2,2-Dichloropropane
Concen: 21.549 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	77	Resp	85380
Ion Ratio	100	Lower	Upper
97	23.5	11.9	35.5





#27

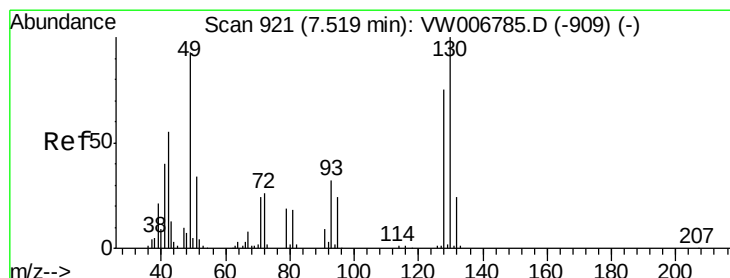
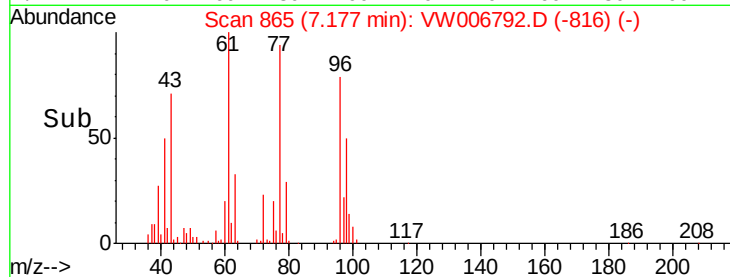
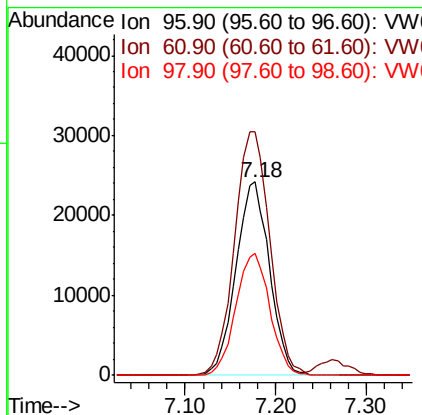
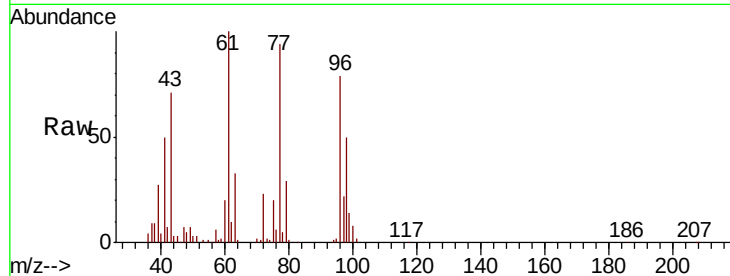
cis-1,2-Dichloroethene
Concen: 21.833 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	264.4
98	63.8	0.0	130.0

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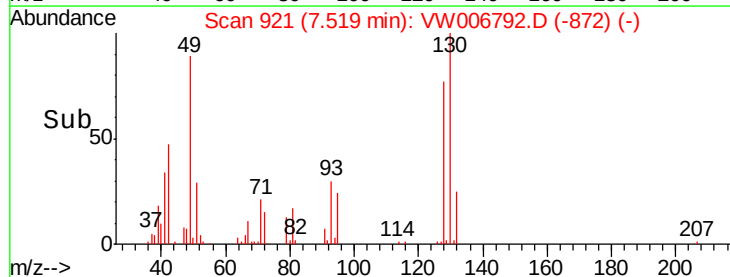
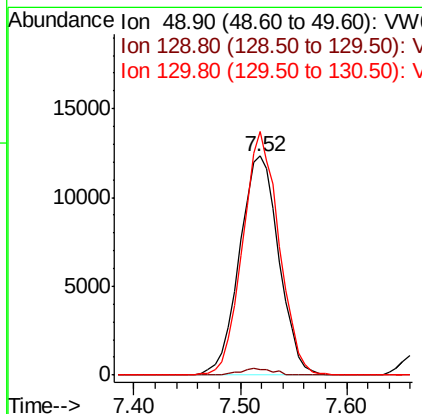
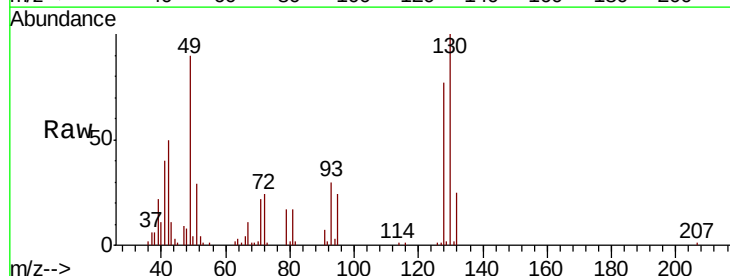
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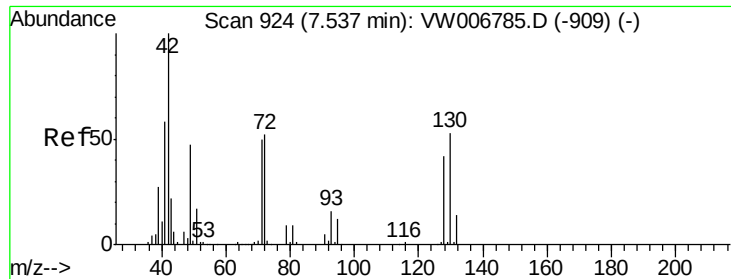


#28

Bromochloromethane
Concen: 20.516 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	102.8	81.5	122.3





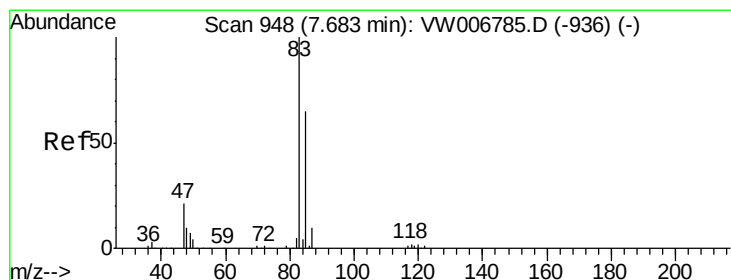
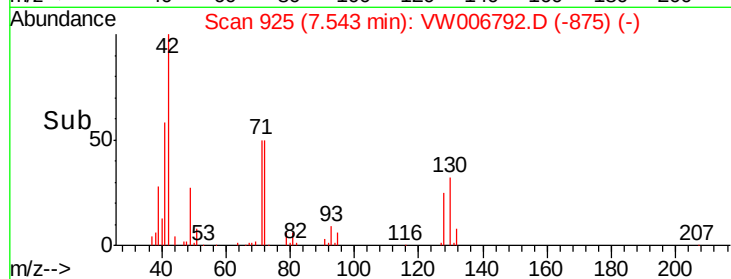
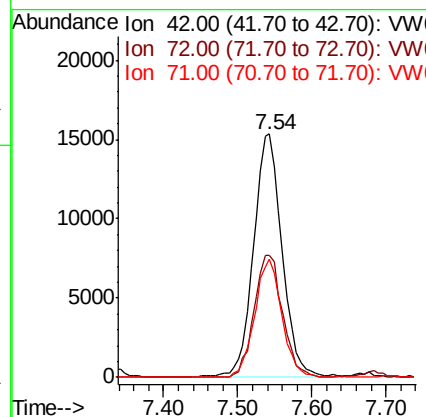
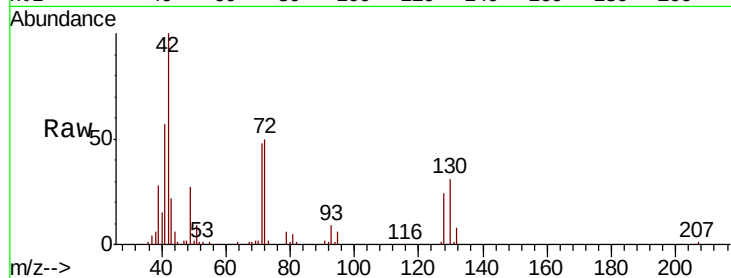
#29
Tetrahydrofuran
Concen: 115.117 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.8	59.8
71	45.8	37.8	56.6

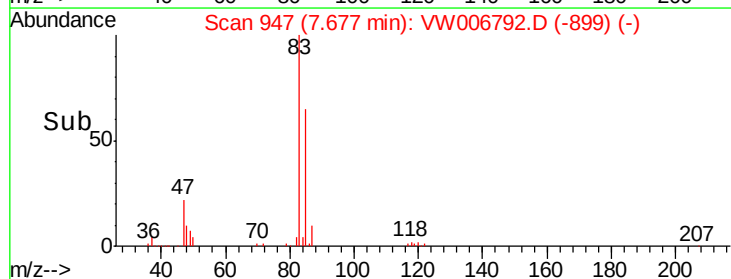
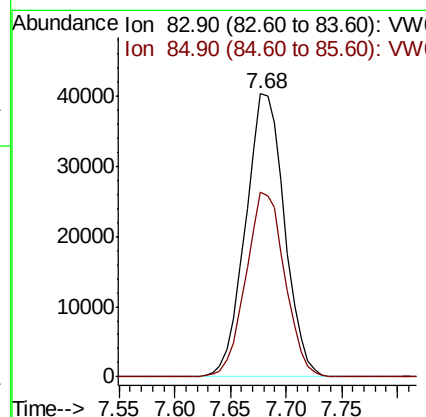
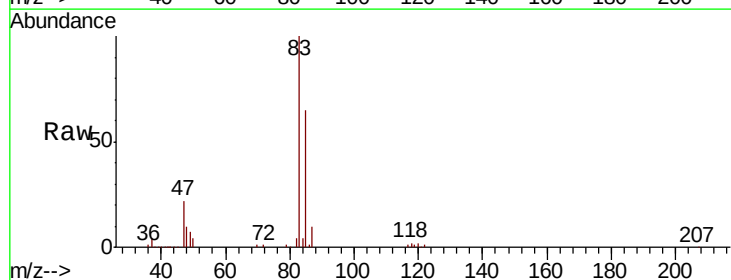
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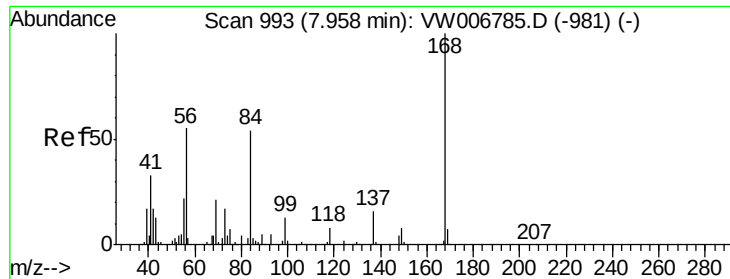
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#30
Chloroform
Concen: 21.308 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.1	78.1





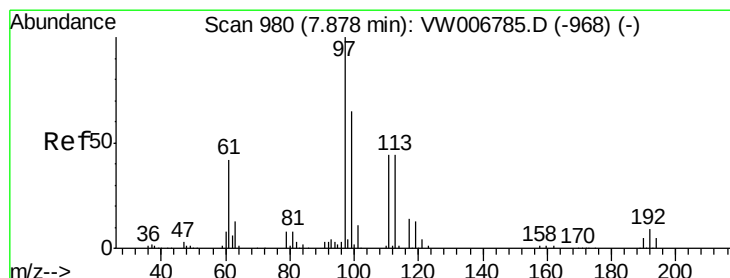
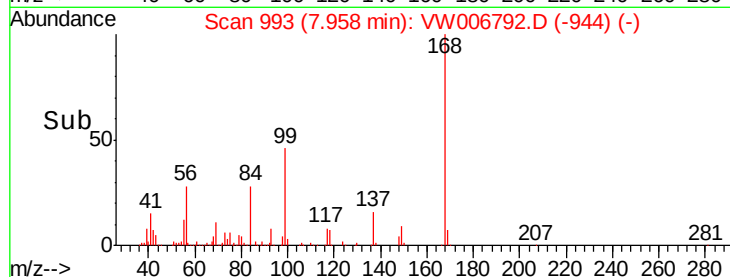
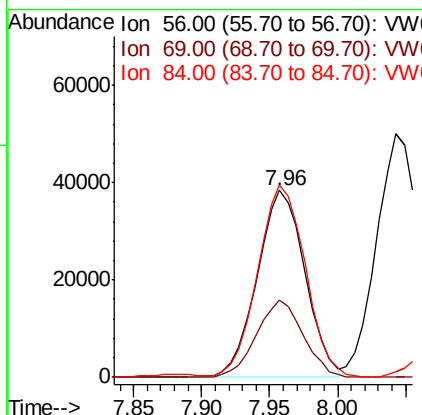
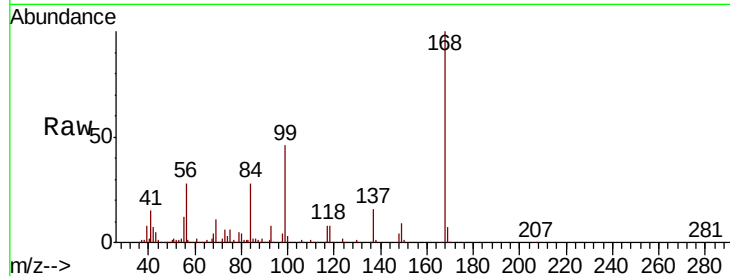
#31
Cyclohexane
Concen: 22.014 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	56	Resp	94287
Ion Ratio	Lower	Upper	
56	100		
69	41.0	30.3	45.5
84	101.8	78.2	117.2

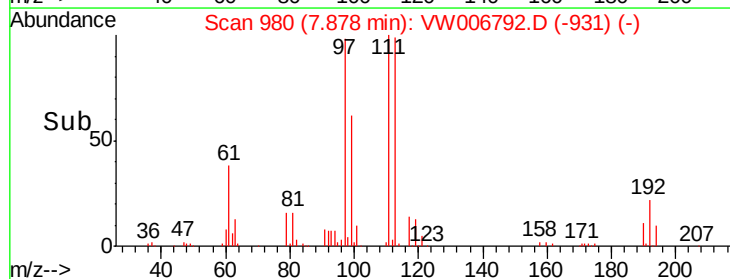
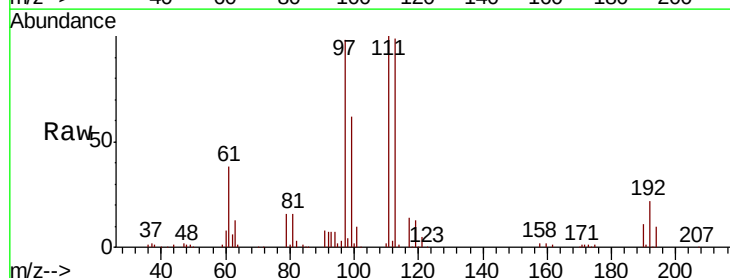
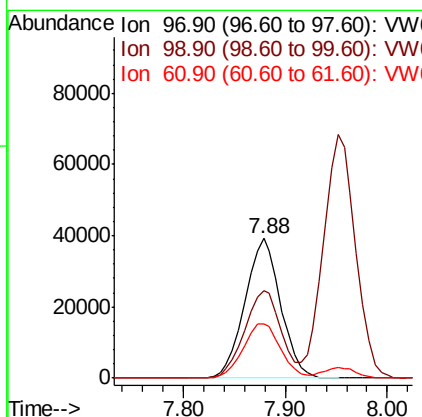
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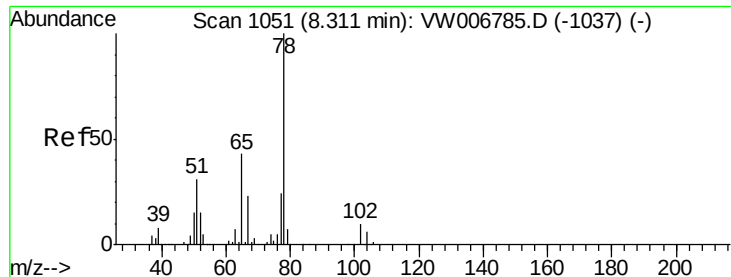
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#32
1,1,1-Trichloroethane
Concen: 21.768 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	97	Resp	95198
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.4	77.2
61	41.3	32.7	49.1





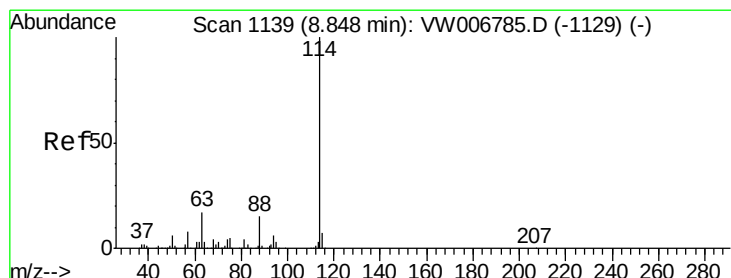
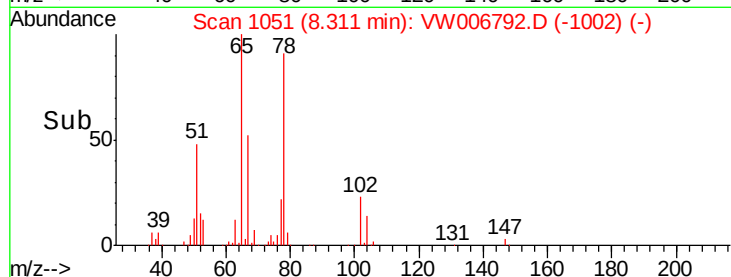
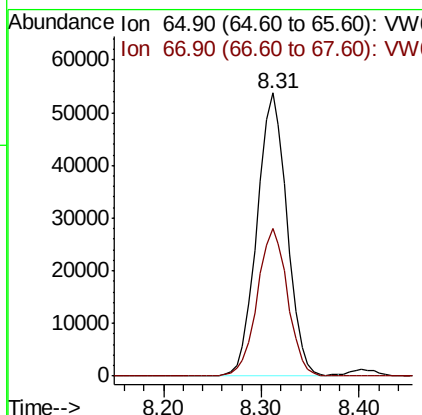
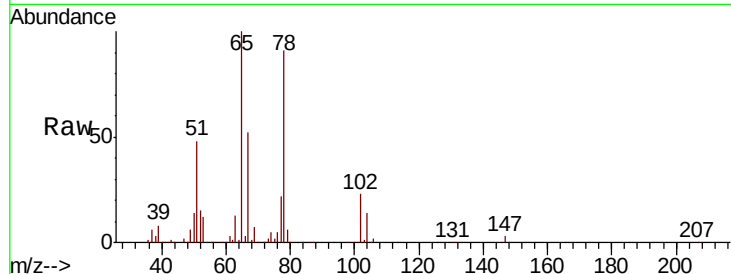
#33
 1,2-Dichloroethane-d4
 Concen: 50.194 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	107.2	

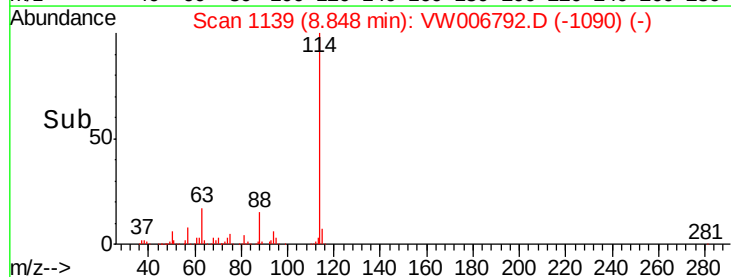
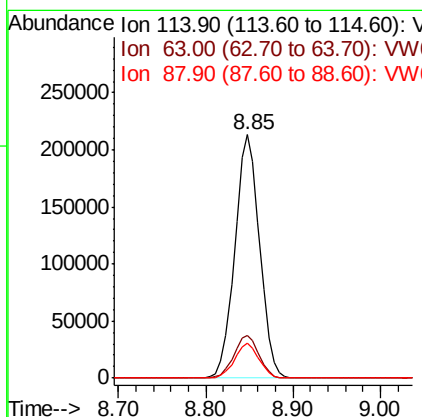
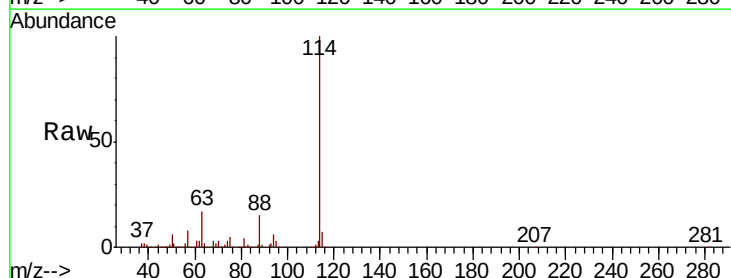
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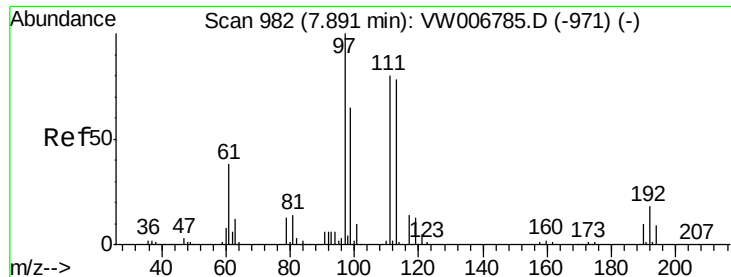
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	34.0	
88	14.5	0.0	29.2	





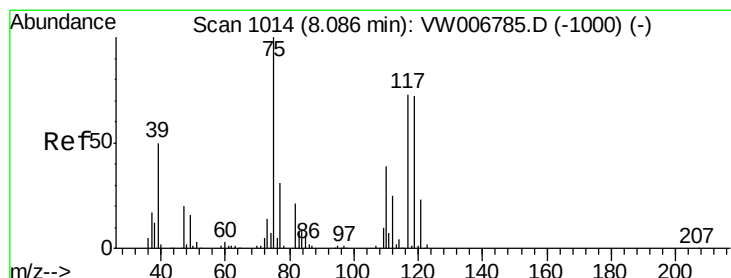
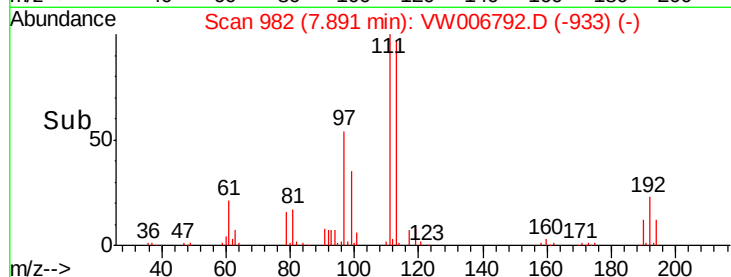
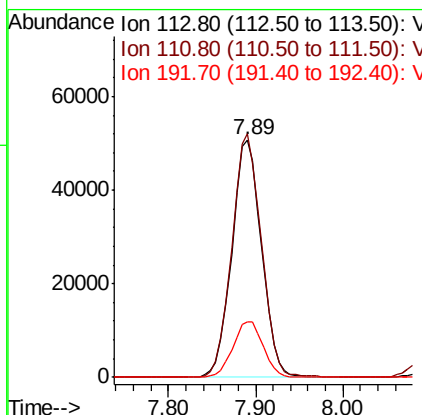
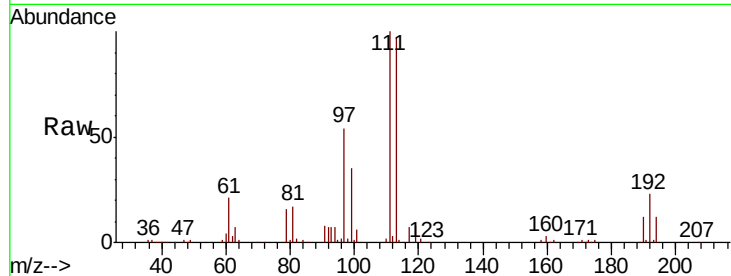
#35
 Dibromofluoromethane
 Concen: 50.265 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119862		
111	101.6	81.4	122.2	
192	23.9	19.1	28.7	

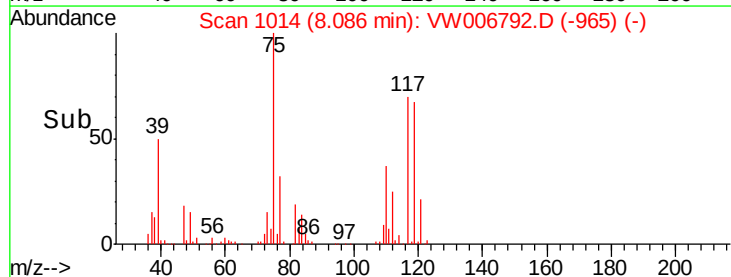
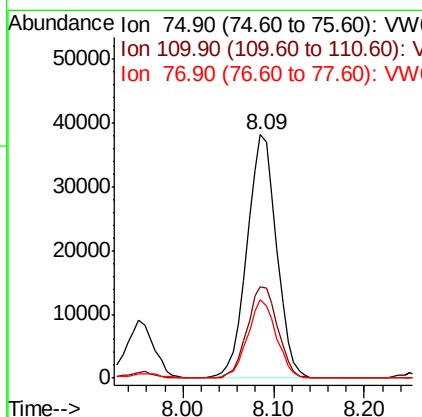
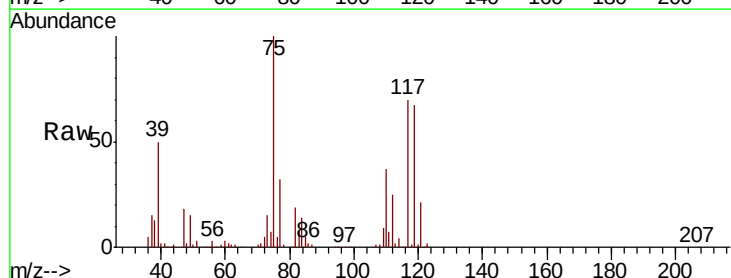
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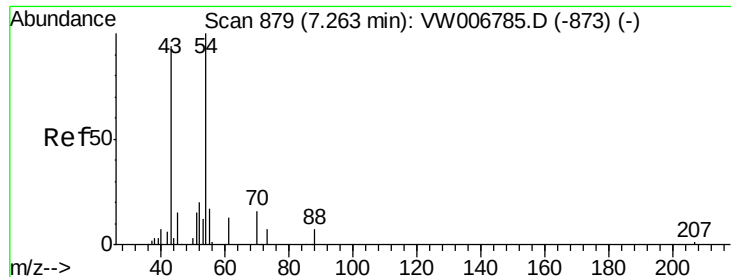
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#36
 1,1-Dichloropropene
 Concen: 22.690 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86260		
110	38.5	19.6	58.7	
77	31.4	24.9	37.3	





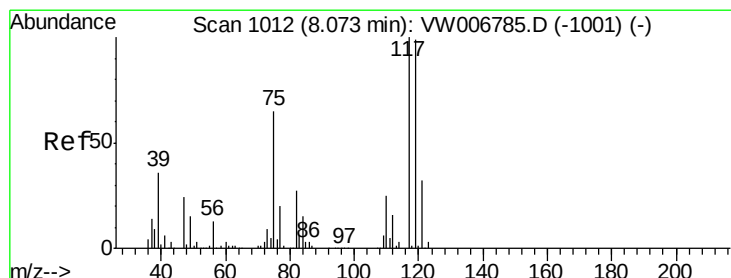
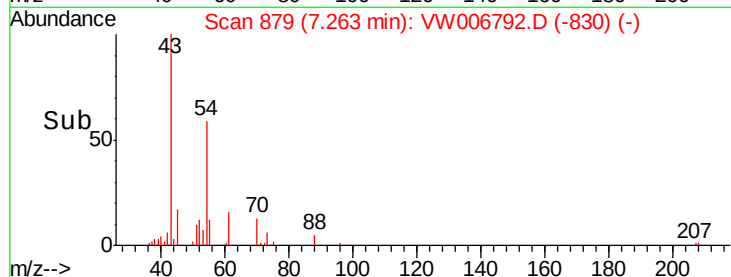
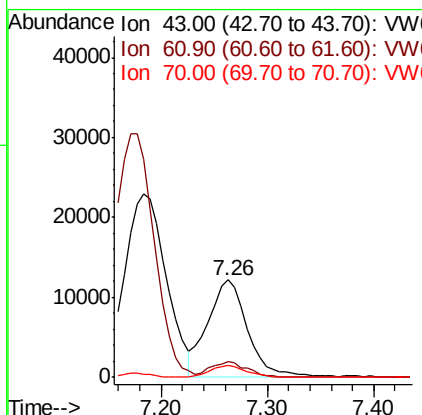
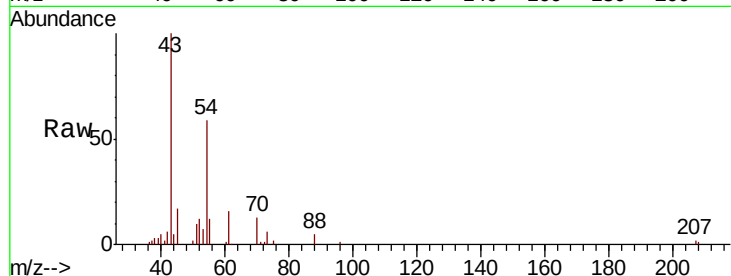
#37
Ethyl Acetate
Concen: 23.048 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	11.4	9.8	14.8

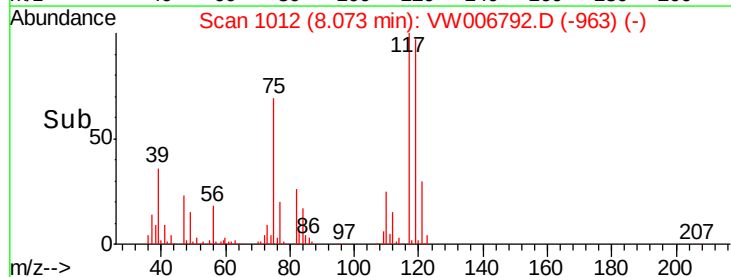
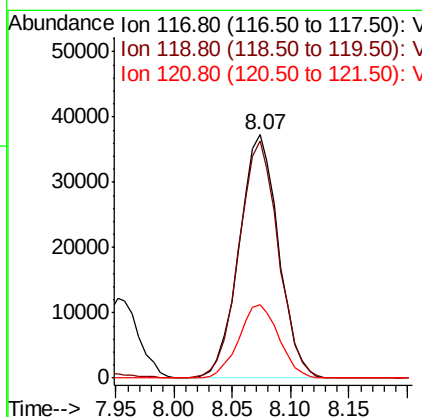
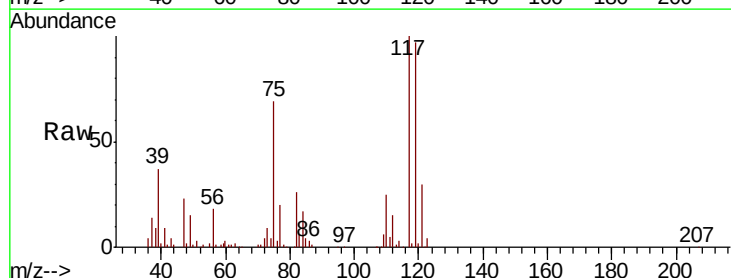
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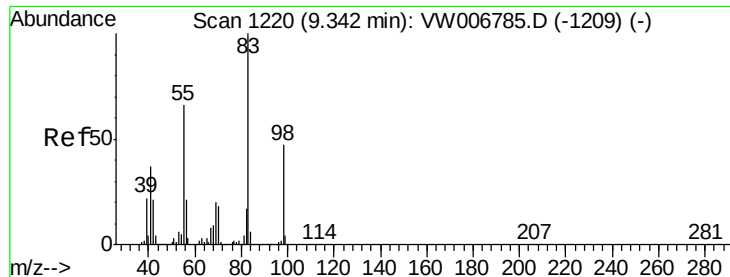
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#38
Carbon Tetrachloride
Concen: 21.647 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.9	118.3
121	30.2	25.3	37.9





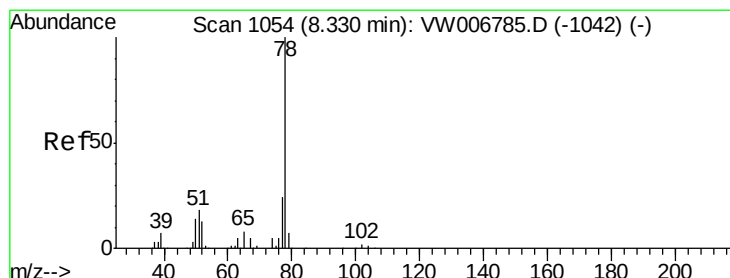
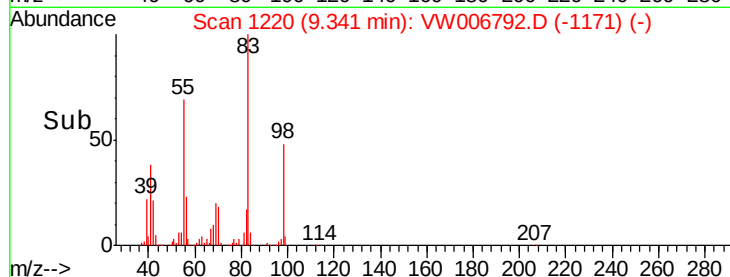
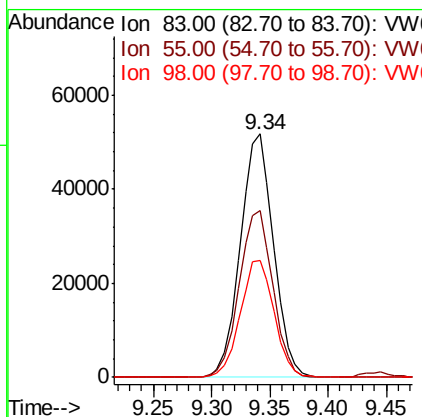
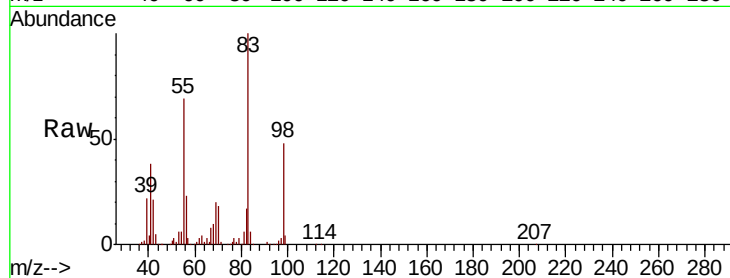
#39
Methylvlcyclohexane
Concen: 21.273 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	53.0	79.4
98	47.9	37.9	56.9

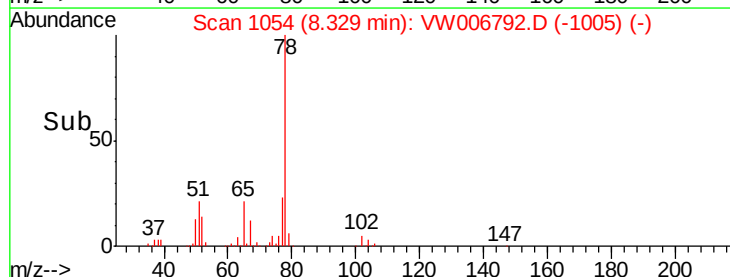
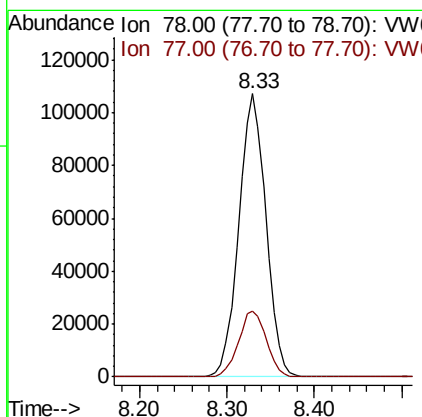
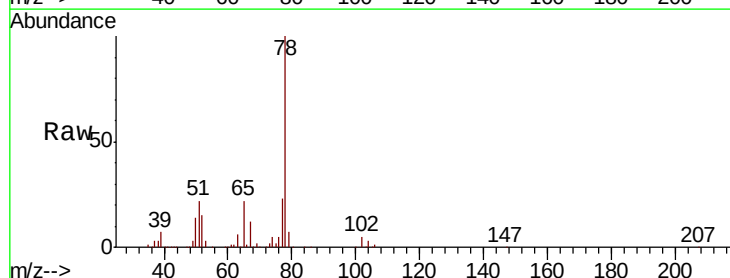
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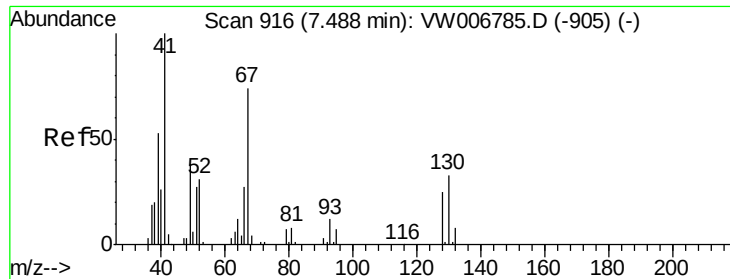
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#40
Benzene
Concen: 21.490 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2





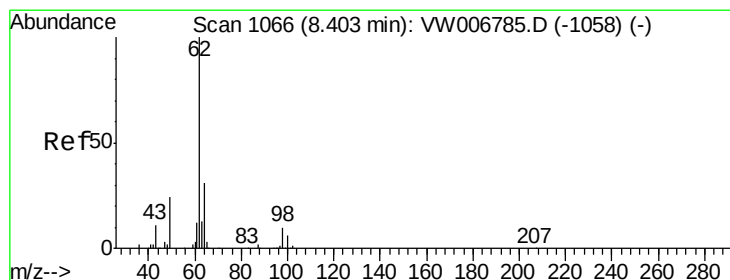
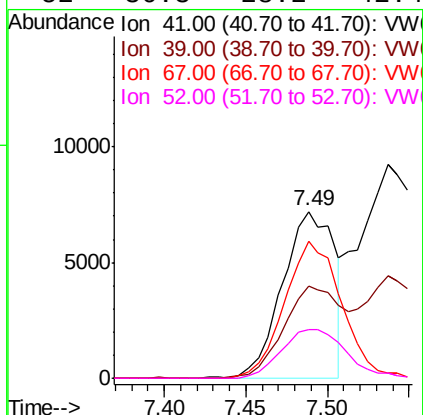
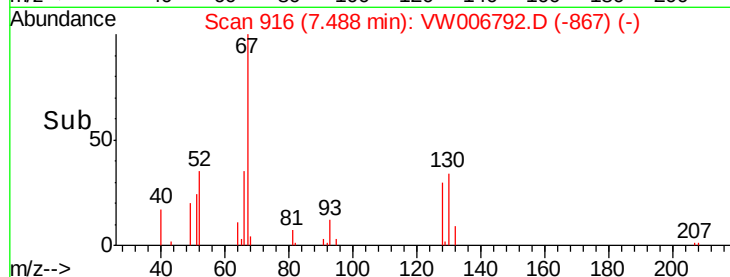
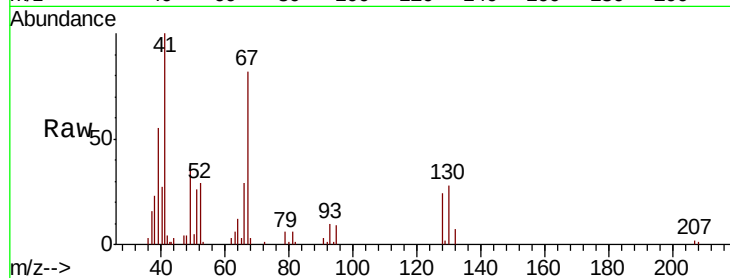
#41
Methacrylonitrile
Concen: 20.429 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.2	49.3	73.9
67	90.2	69.3	103.9
52	36.3	28.2	42.4

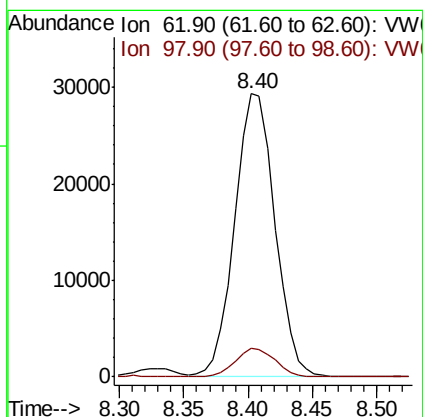
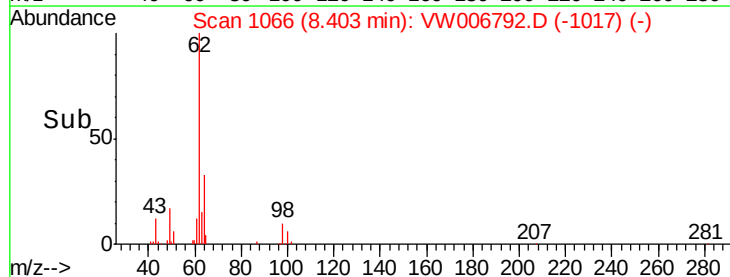
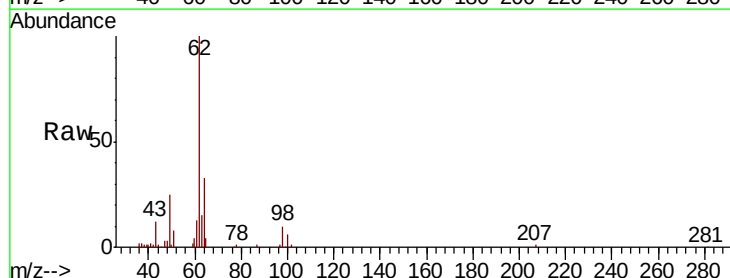
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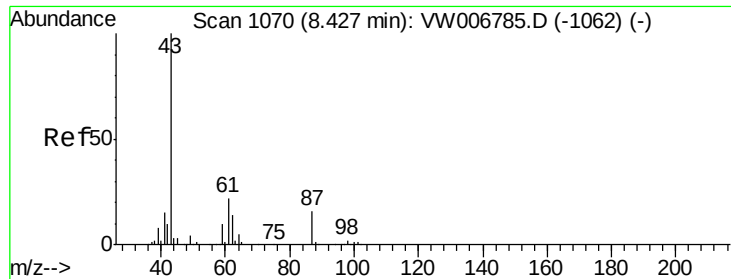
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#42
1,2-Dichloroethane
Concen: 21.710 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 22.782 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

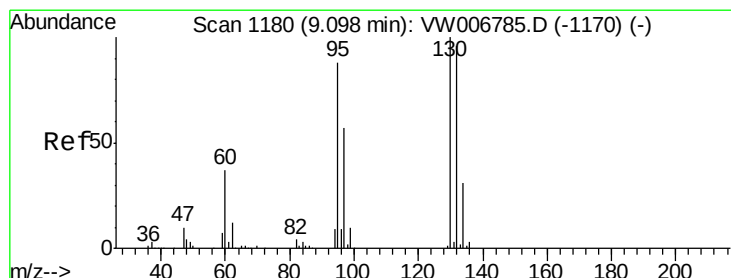
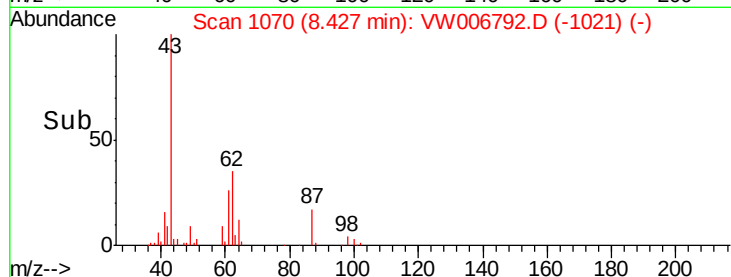
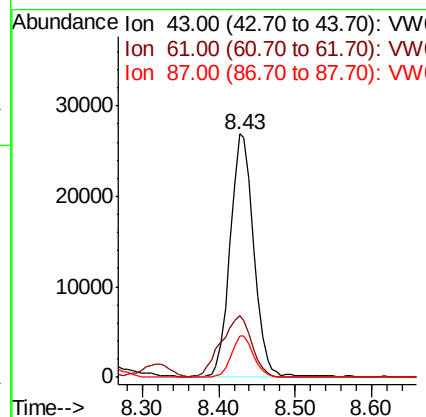
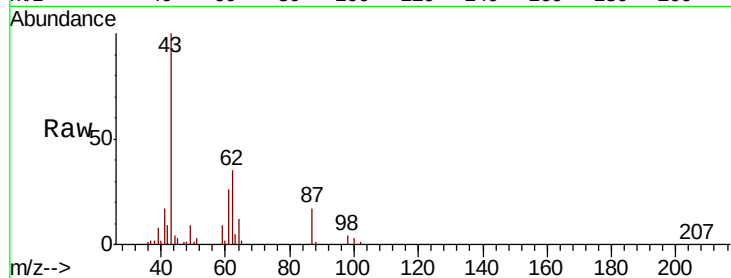
ClientSampleId :

VW1109SBS01

Tot Ion:	43	Resp:	57660
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.5	39.7
87	15.9	12.8	19.2

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#44

Trichloroethene

Concen: 22.119 ug/l

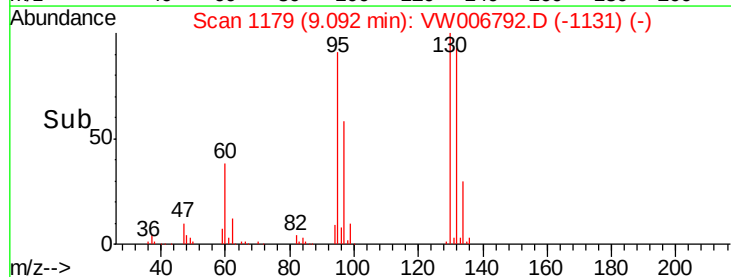
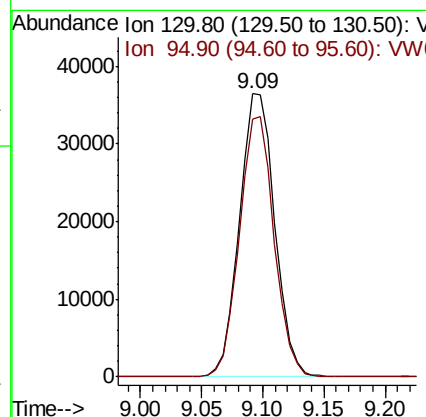
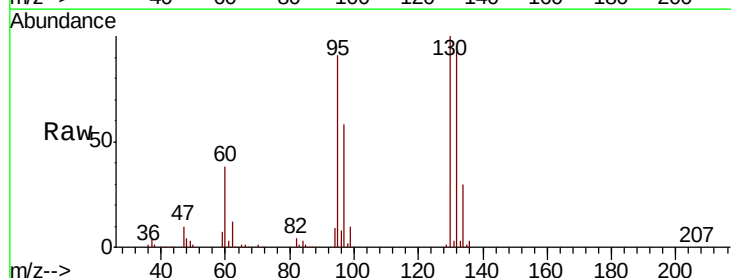
RT: 9.09 min Scan# 1179

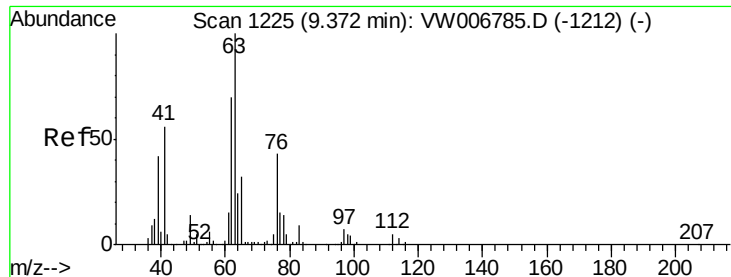
Delta R.T. -0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion:	130	Resp:	73006
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	175.0





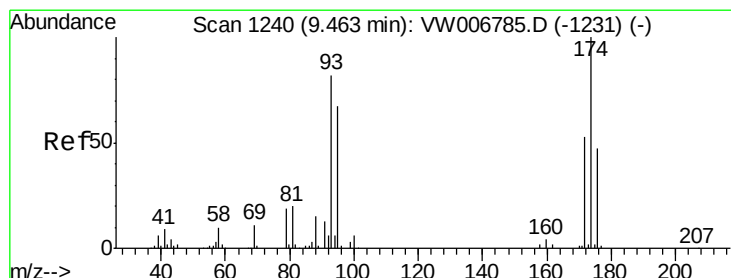
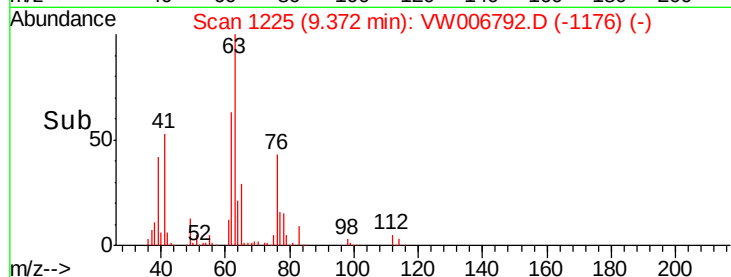
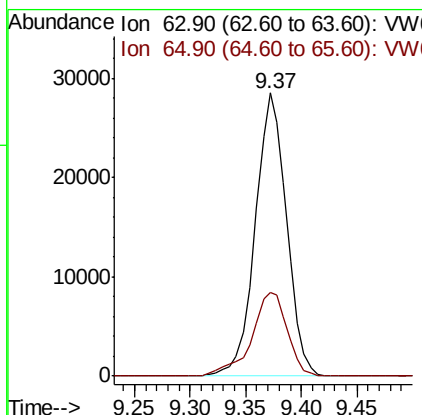
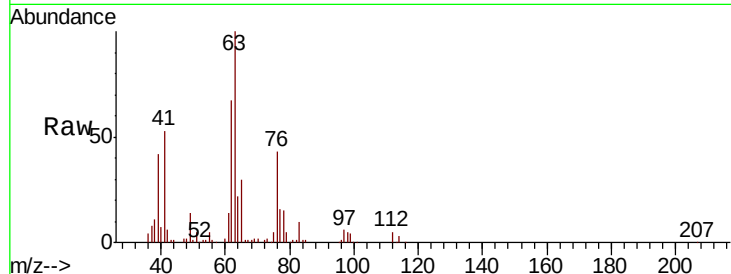
#45
 1,2-Dichloropropane
 Concen: 22.127 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion: 63 Resp: 55788
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.5 38.3

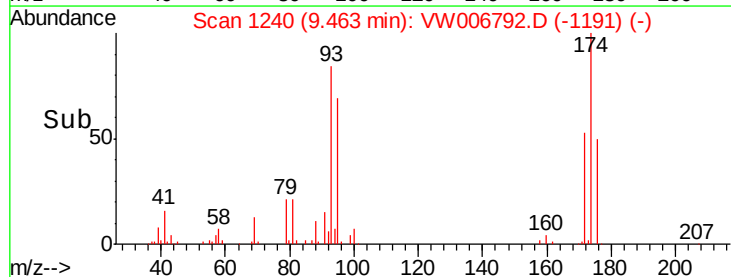
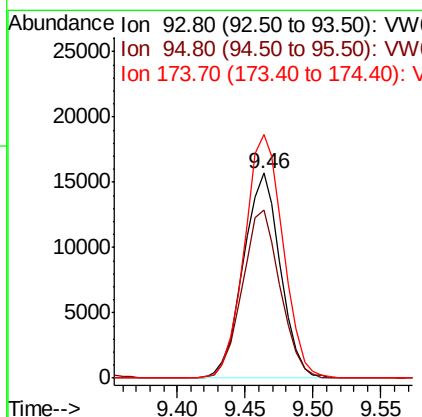
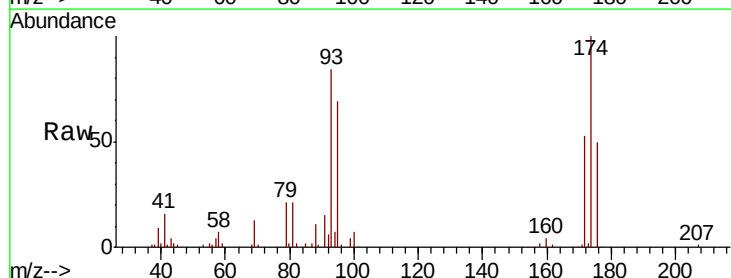
Manual Integrations
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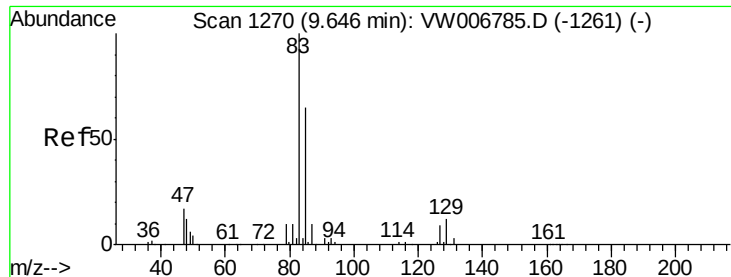
apatel
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#46
 Dibromomethane
 Concen: 21.161 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion: 93 Resp: 29954
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.4 98.0
 174 123.8 96.4 144.6





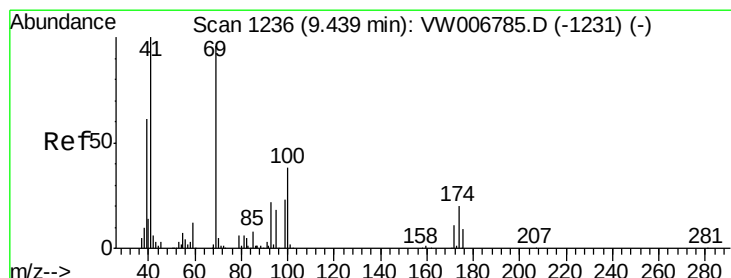
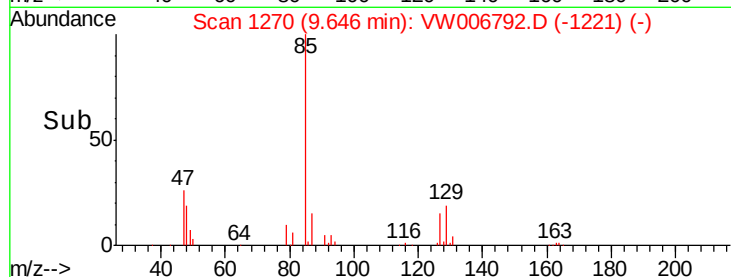
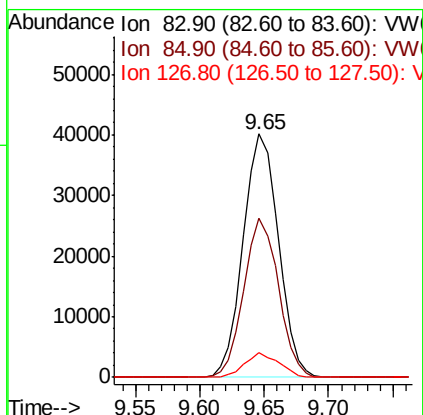
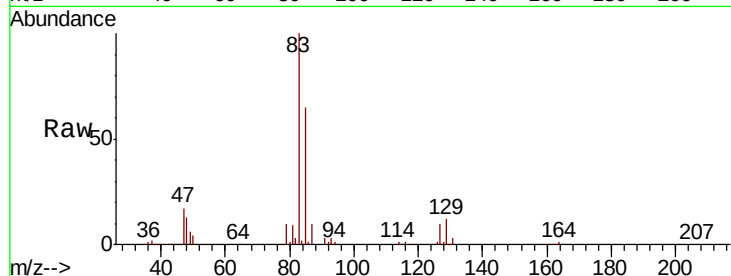
#47
Bromodichloromethane
Concen: 22.205 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4
127	10.0	7.4	11.2

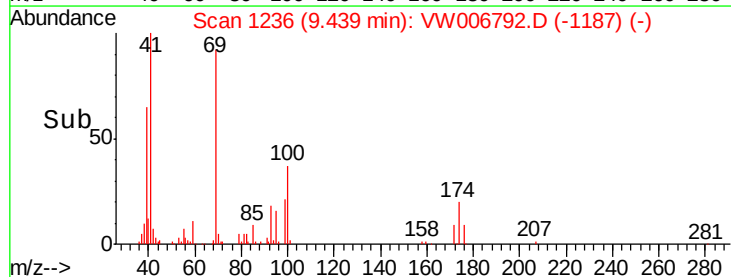
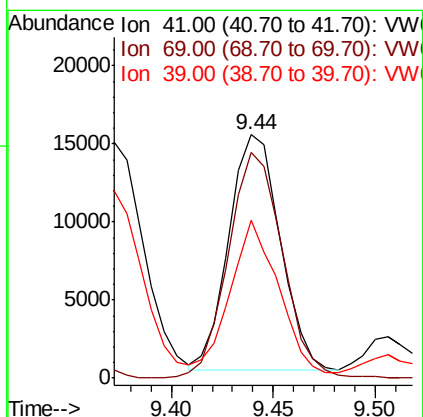
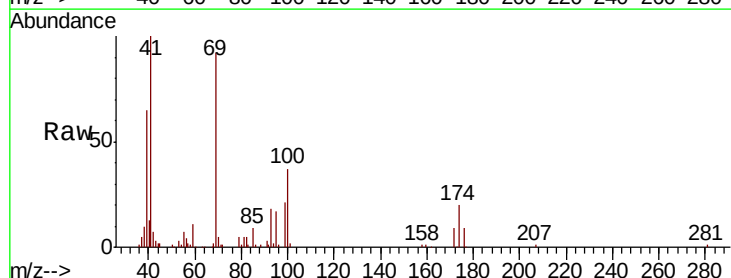
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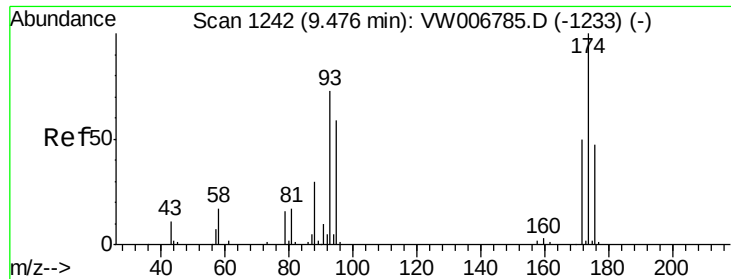
apatel
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#48
Methyl methacrylate
Concen: 22.159 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.2	81.5	122.3
39	59.6	48.0	72.0





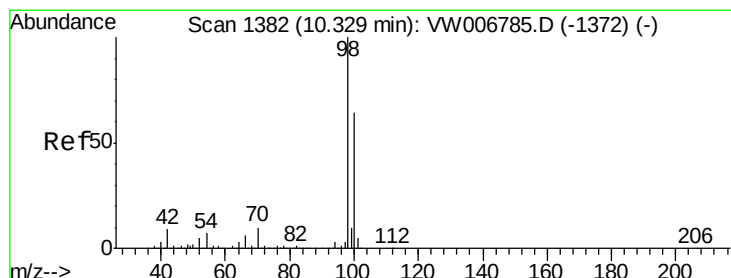
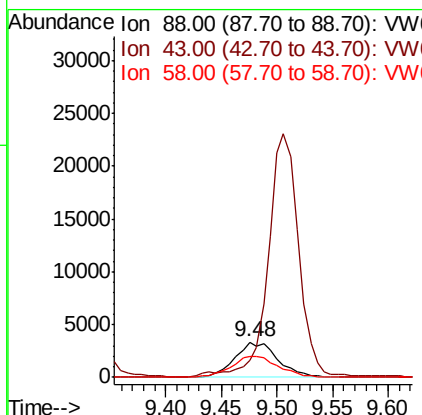
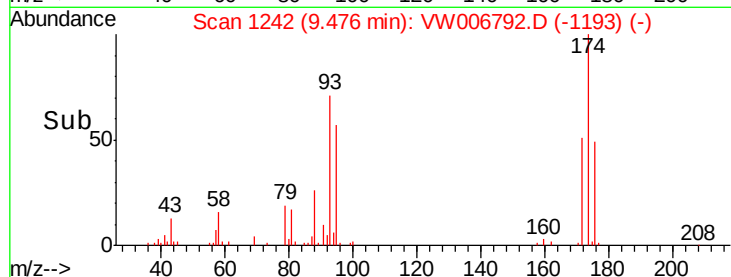
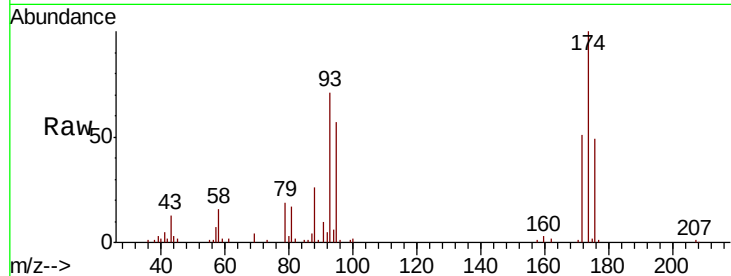
#49
1,4-Dioxane
Concen: 421.485 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBSD01

Tot Ion	88	Resp	8932
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.1	53.7	80.5

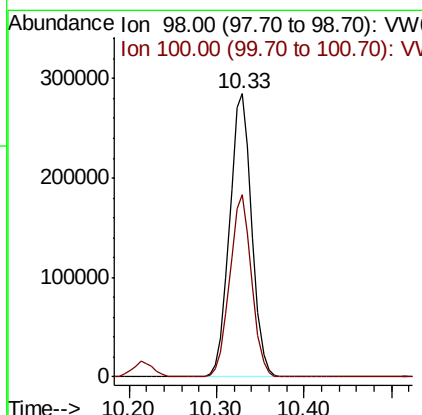
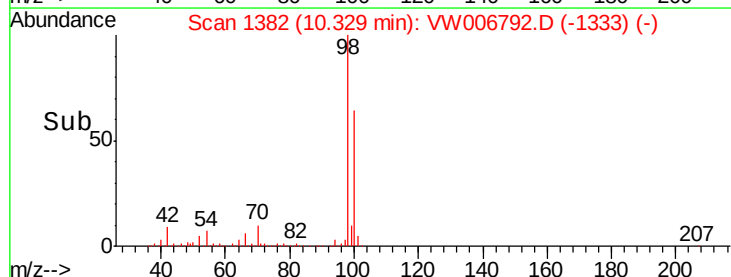
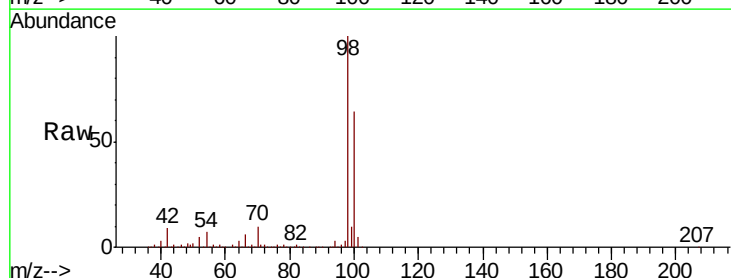
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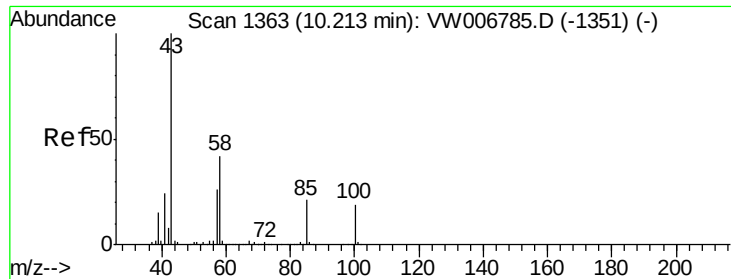
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#50
Toluene-d8
Concen: 49.781 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	98	Resp	499597
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 113.223 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion: 43 Resp: 147227

Ion Ratio Lower Upper

43 100

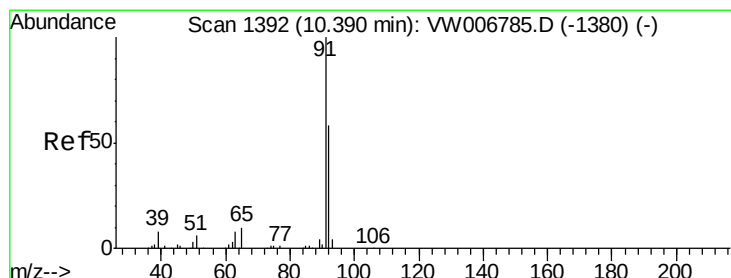
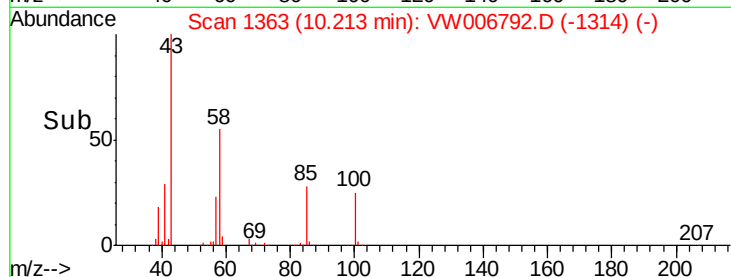
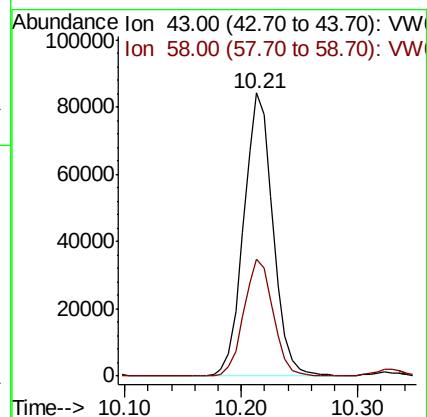
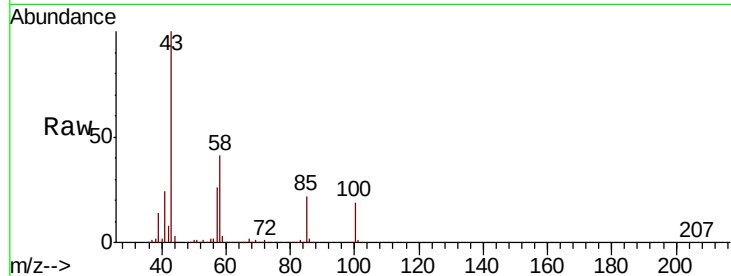
58 41.5 33.2 49.8

Manual Integrations

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#52

Toluene

Concen: 21.401 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006792.D

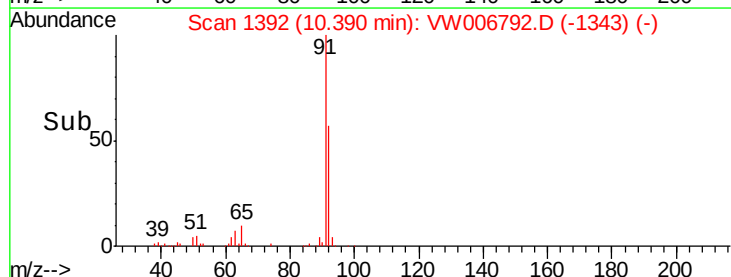
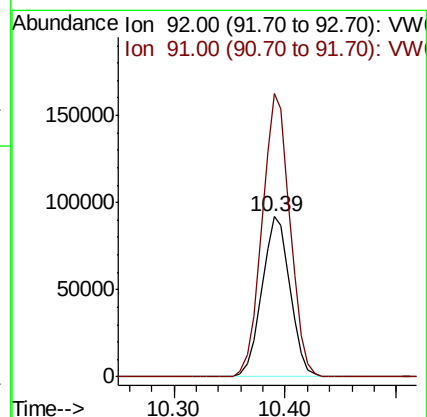
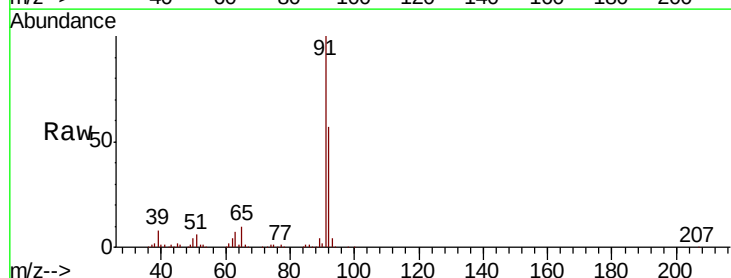
Acq: 09 Nov 2018 18:07

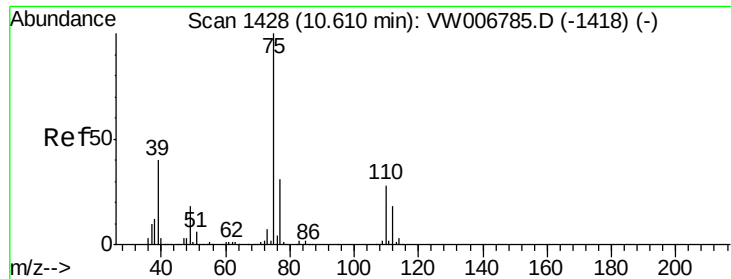
Tgt Ion: 92 Resp: 161521

Ion Ratio Lower Upper

92 100

91 175.4 138.6 207.8





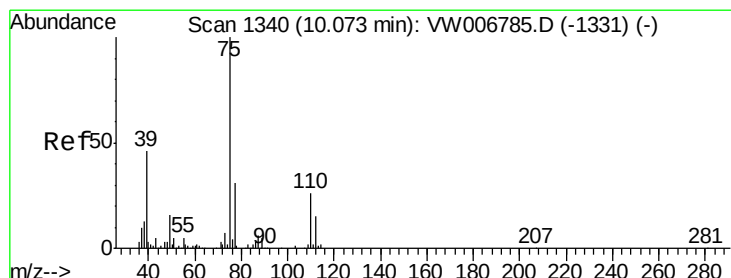
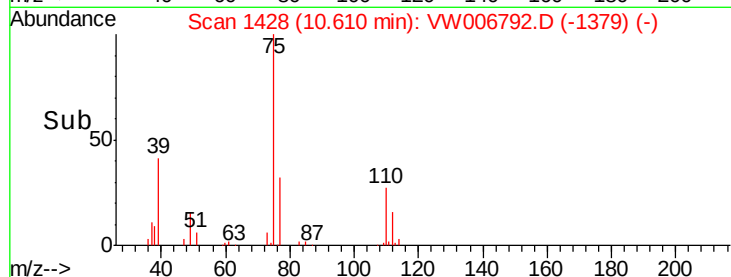
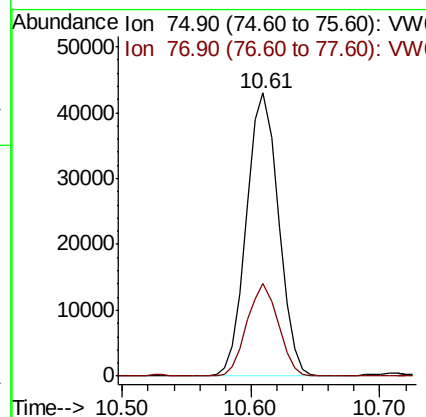
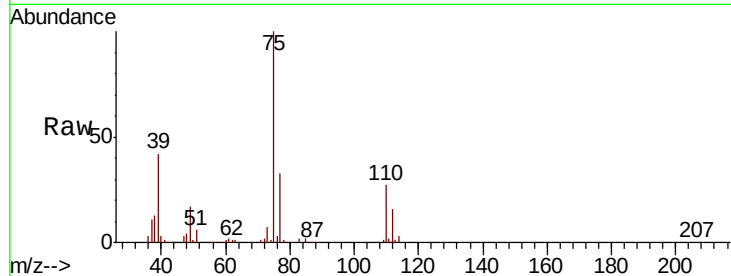
#53
t-1,3-Dichloropropene
Concen: 22.213 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion: 75 Resp: 73983
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

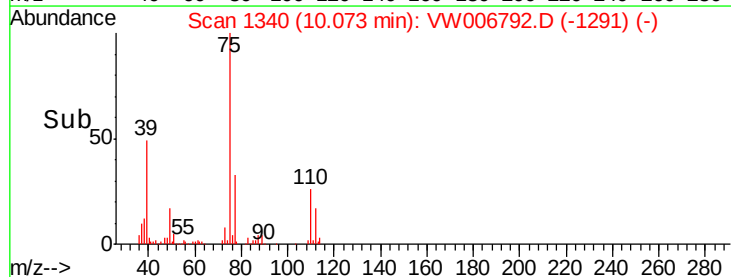
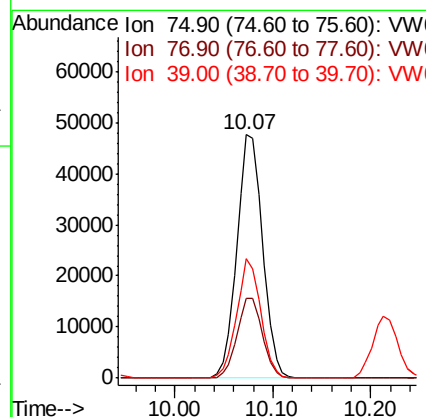
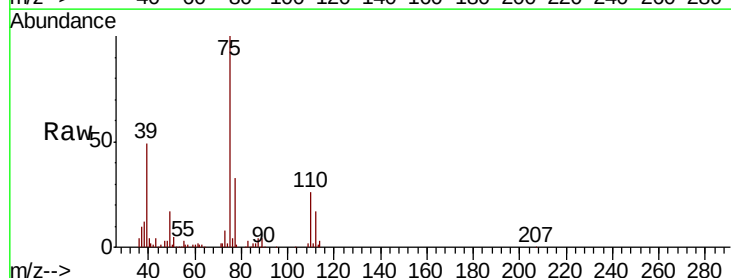
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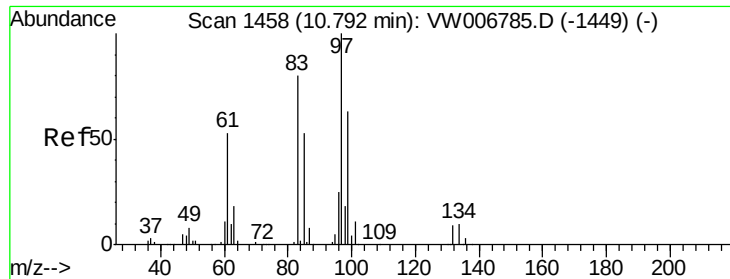
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#54
cis-1,3-Dichloropropene
Concen: 22.000 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion: 75 Resp: 86875
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0
39 48.9 37.1 55.7





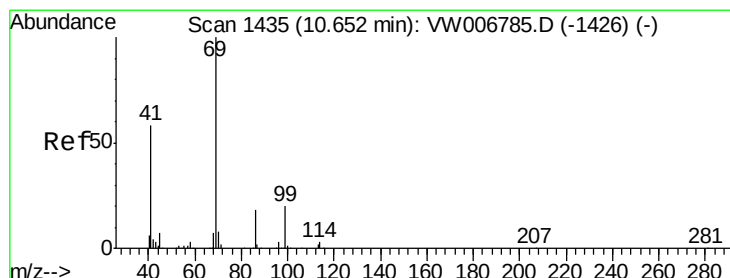
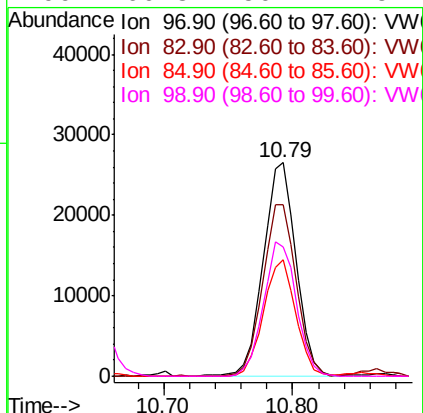
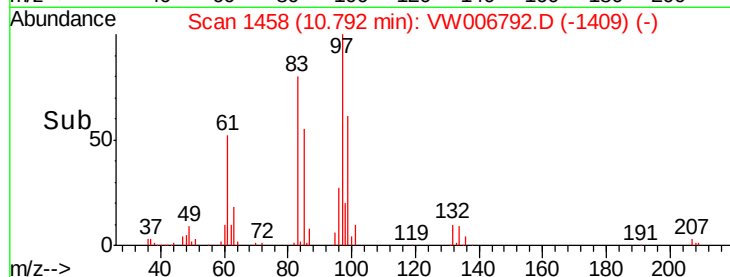
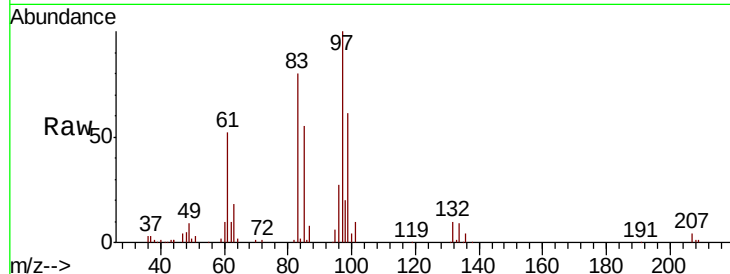
#55
 1,1,2-Trichloroethane
 Concen: 22.515 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.4	64.4	96.6
85	54.8	42.6	63.8
99	60.8	50.2	75.2

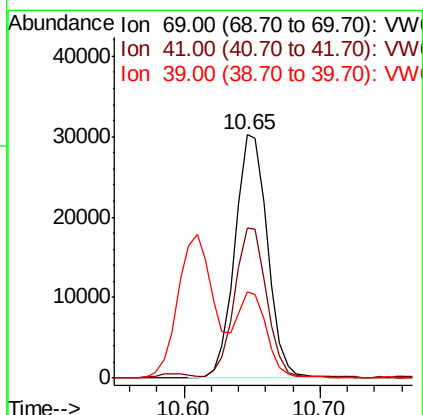
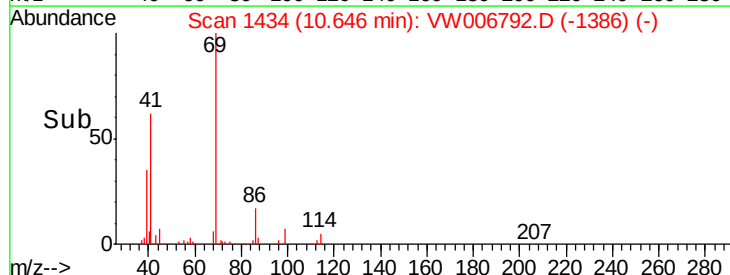
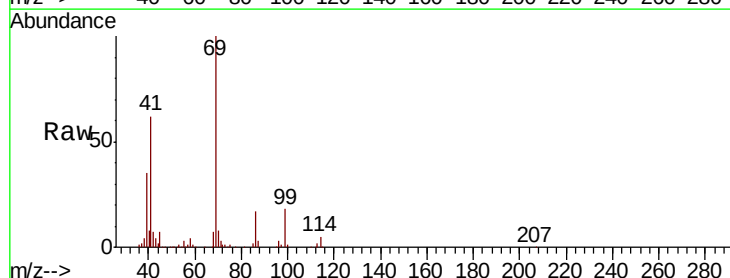
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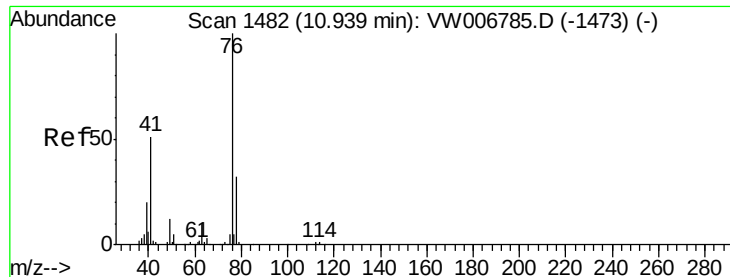
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#56
 Ethyl methacrylate
 Concen: 21.967 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.2	70.8
39	30.7	23.4	35.0





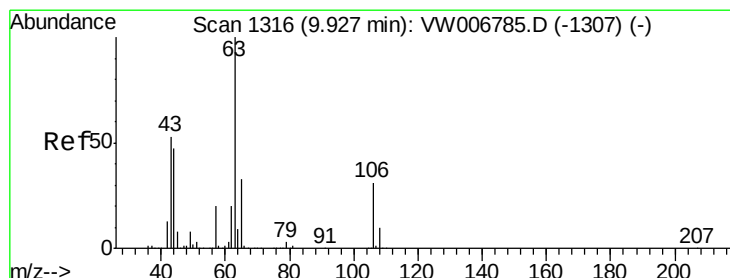
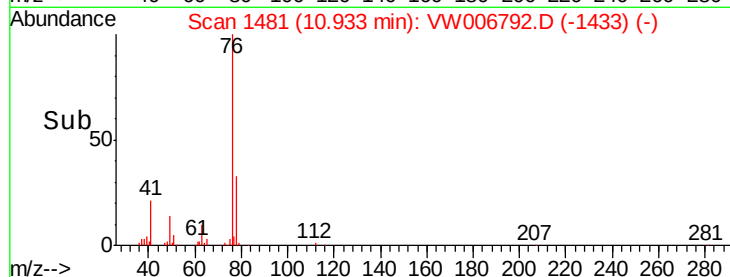
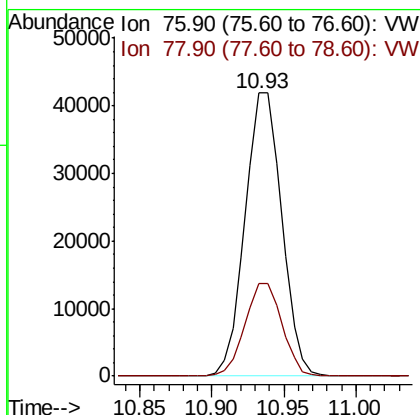
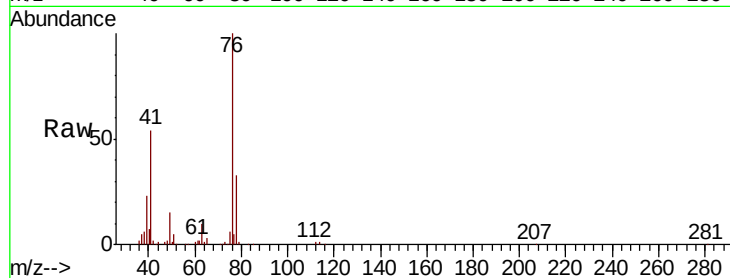
#57
 1,3-Dichloropropane
 Concen: 22.195 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.5	38.3

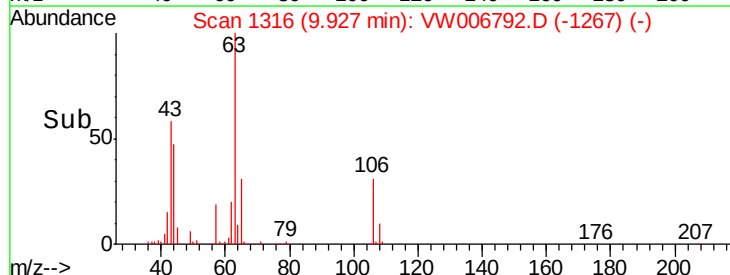
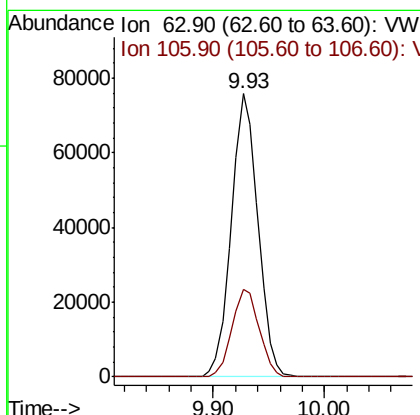
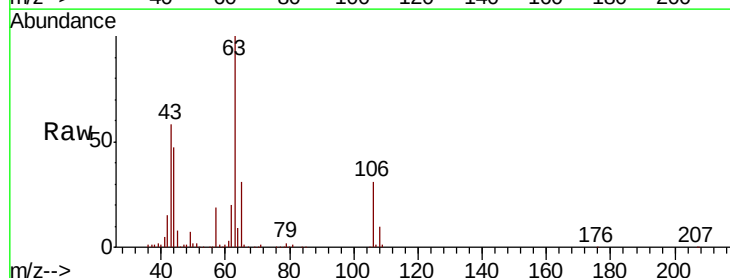
Manual Integrations
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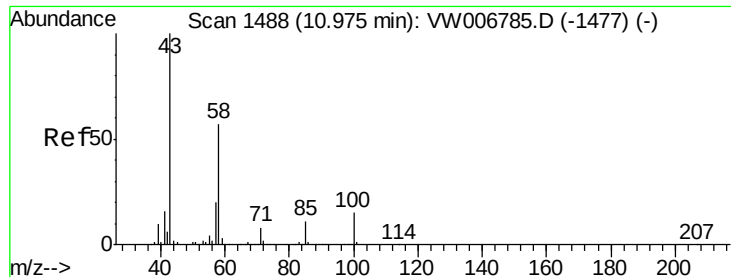
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.285 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.3	37.9





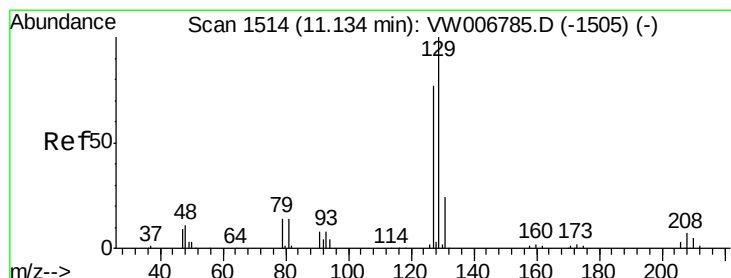
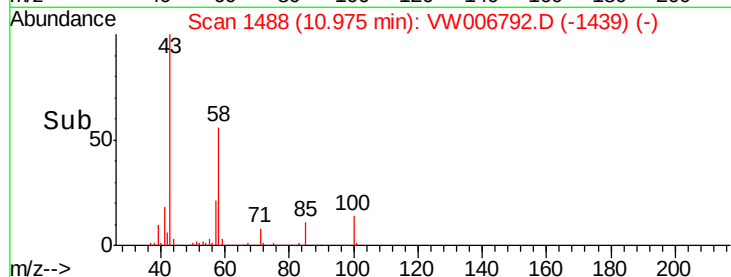
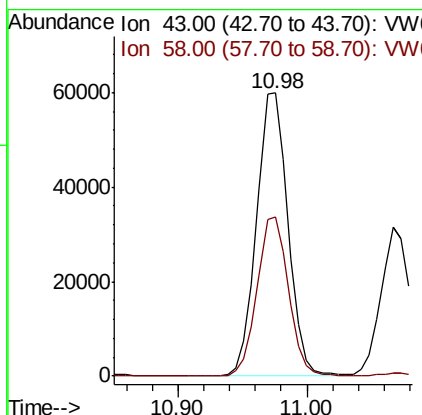
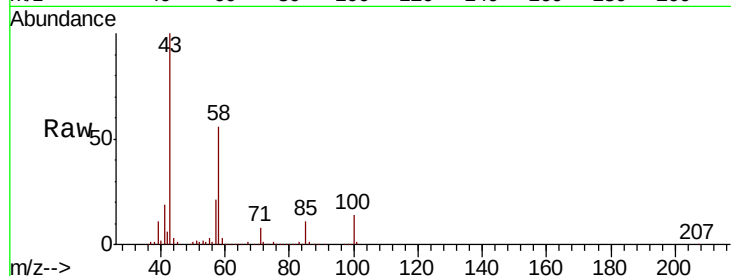
#59
2-Hexanone
Concen: 114.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBSD01

Tot Ion	43	Resp	101104
Ion Ratio	100	Lower	Upper
43	100		
58	56.3	28.5	85.5

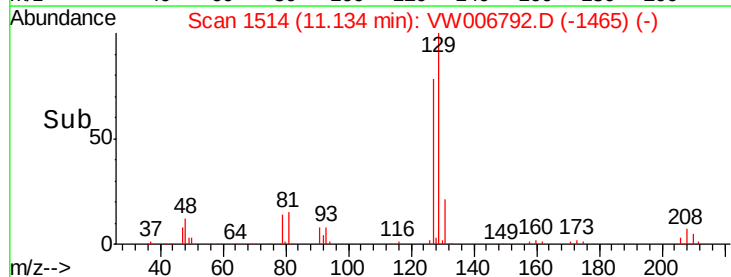
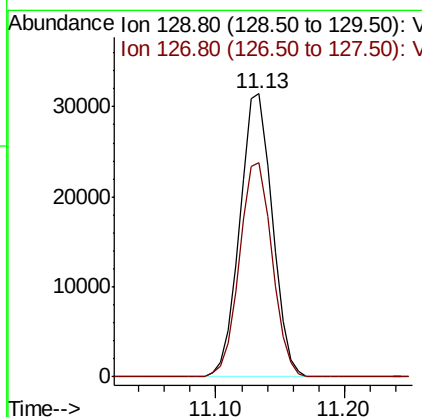
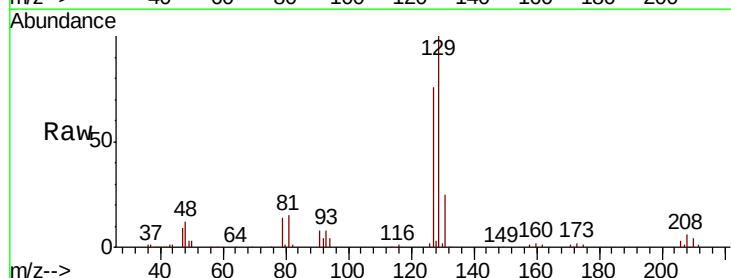
Manual Integrations
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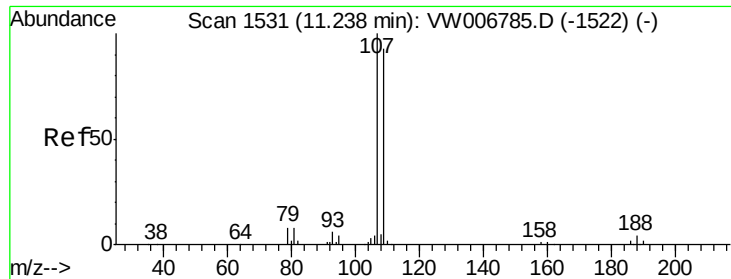
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11/12/2018 3:41:18 PM



#60
Dibromochloromethane
Concen: 21.936 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	129	Resp	54985	
Ion Ratio	129	100	Lower	Upper
129	100			
127	75.9	38.5	115.3	





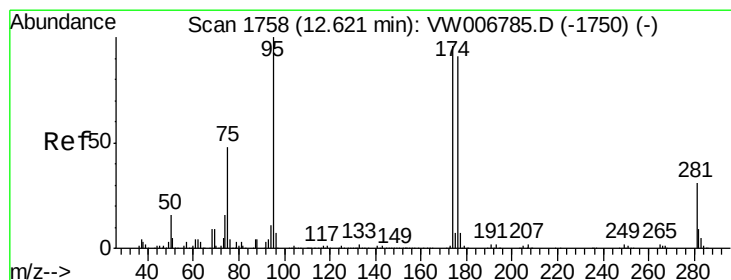
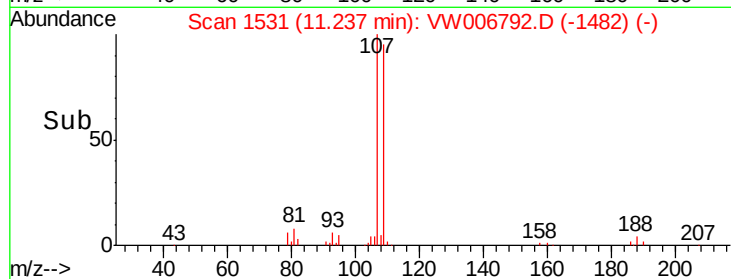
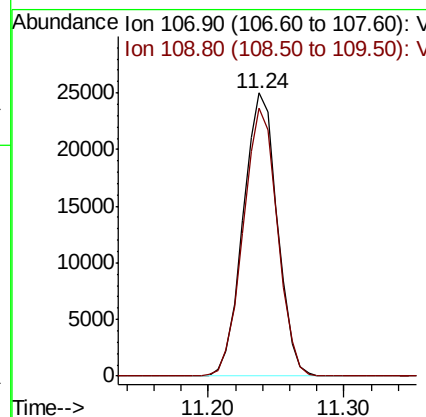
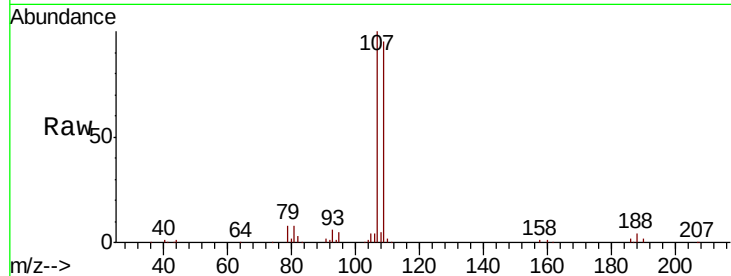
#61
 1,2-Dibromoethane
 Concen: 21.842 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.5	113.3

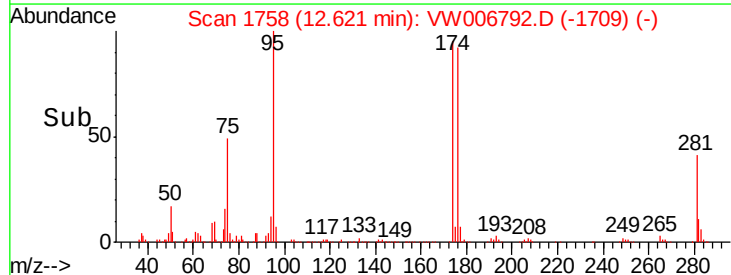
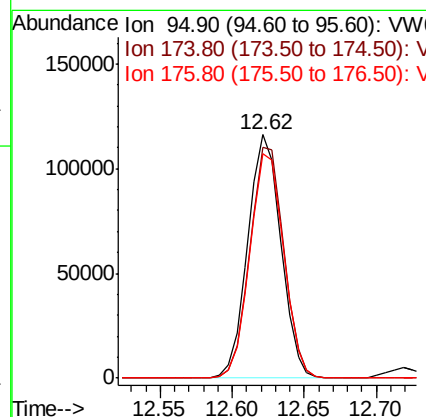
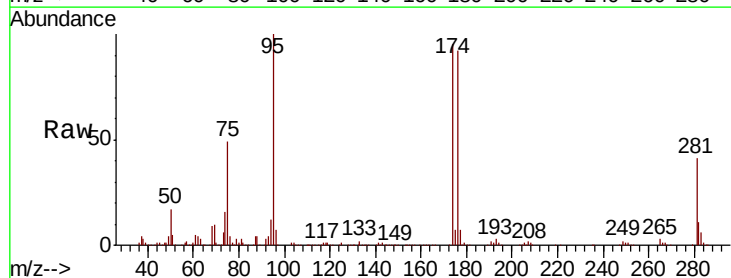
Manual Integrations
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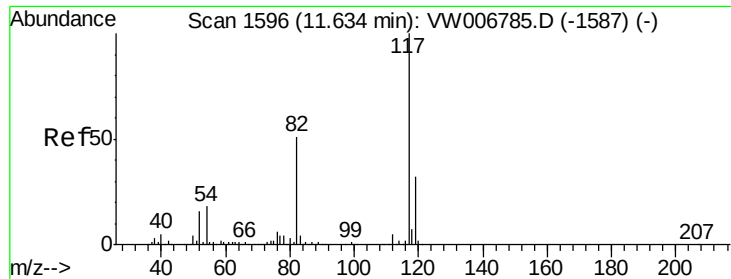
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.556 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	196.2
176	94.3	0.0	190.8





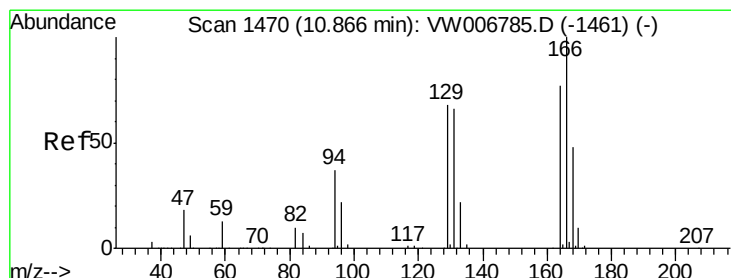
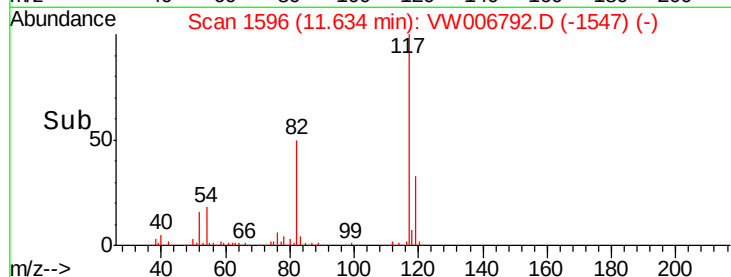
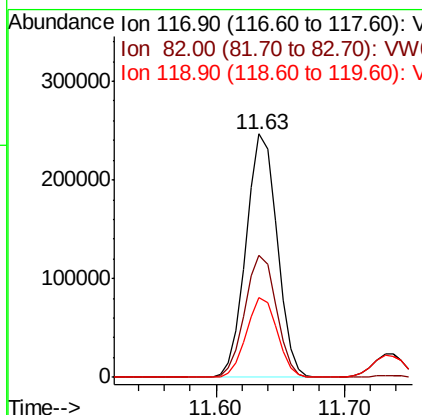
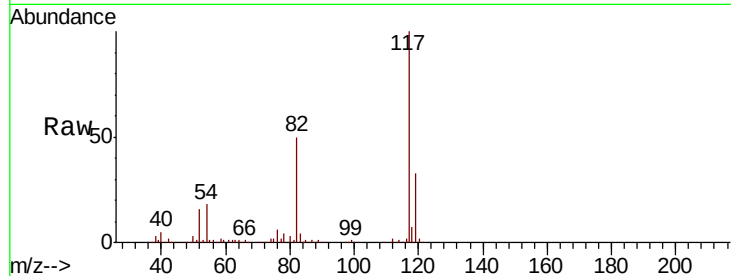
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.9	61.3
119	32.6	25.8	38.8

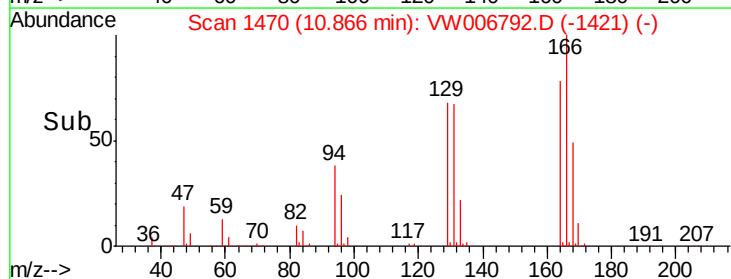
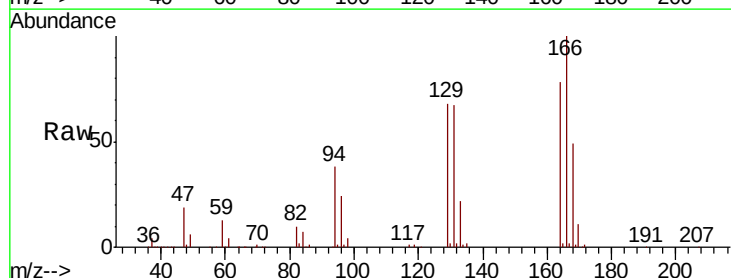
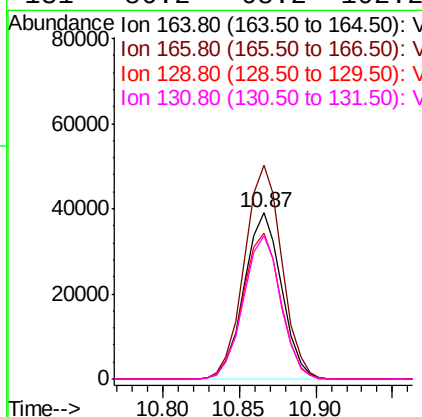
Manual Integrations
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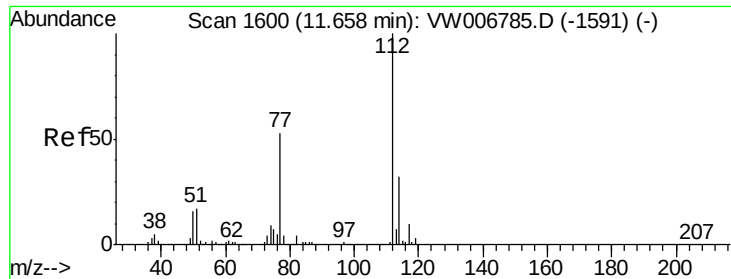
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#64
Tetrachloroethene
Concen: 21.185 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.7	155.5
129	87.9	70.4	105.6
131	86.2	68.2	102.2





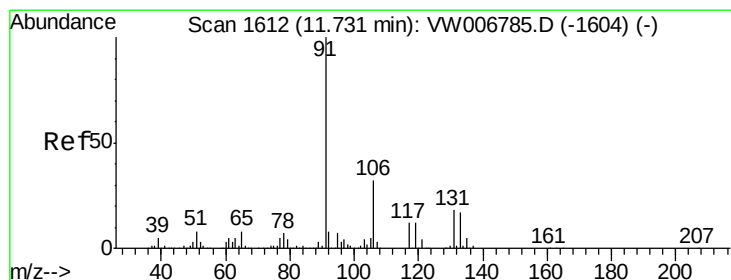
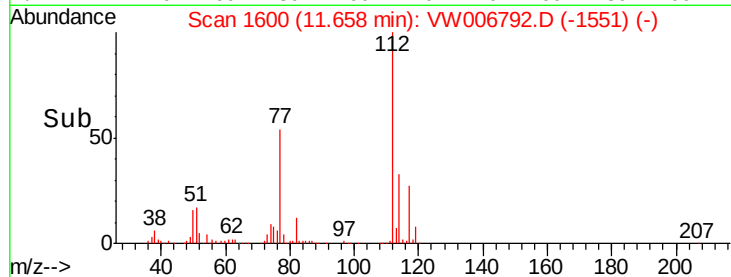
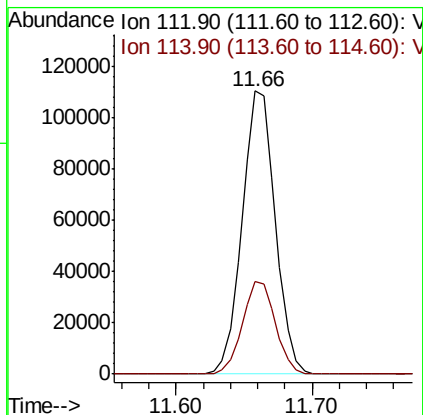
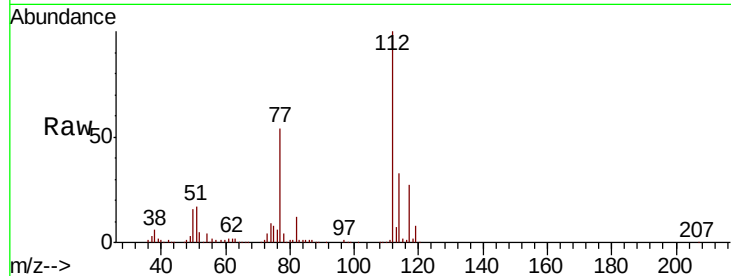
#65
Chlorobenzene
Concen: 21.422 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.9	38.9

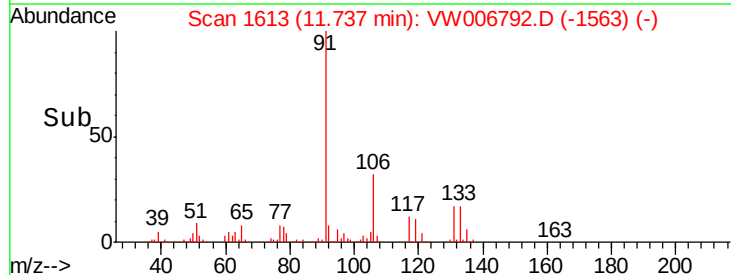
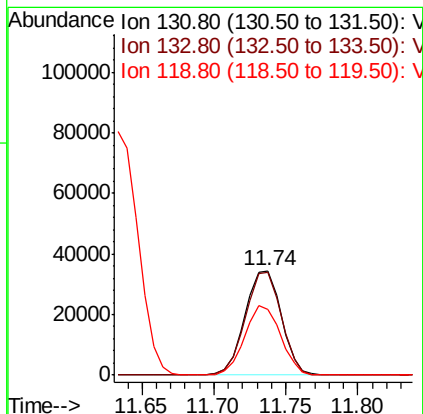
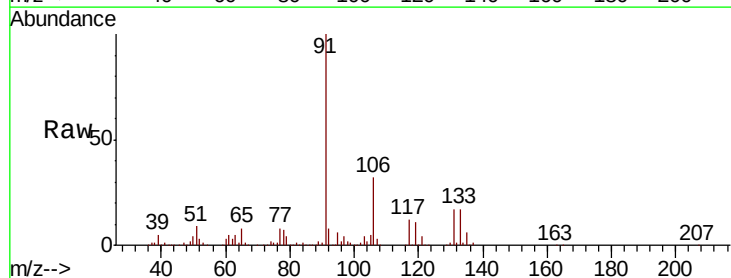
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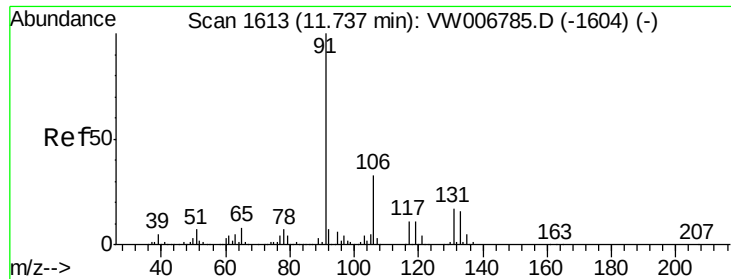
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.9	143.6
119	65.5	32.3	96.8





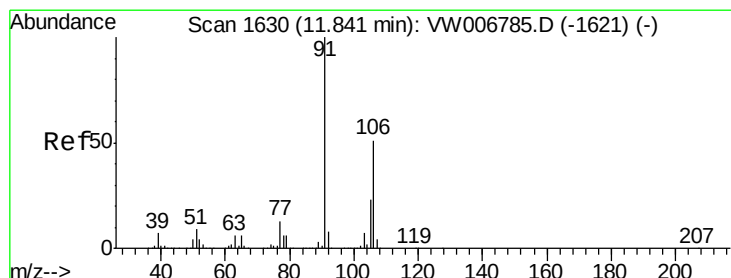
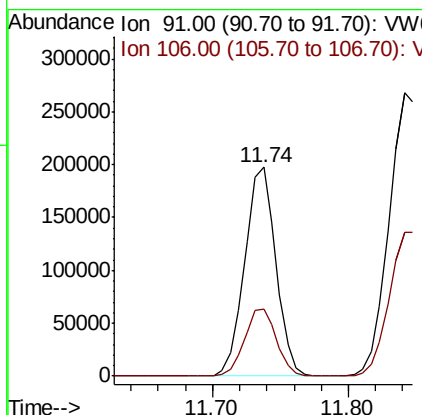
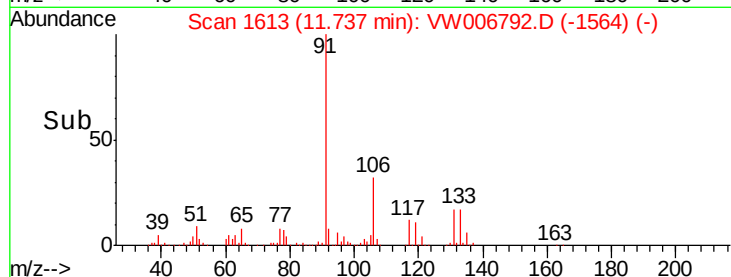
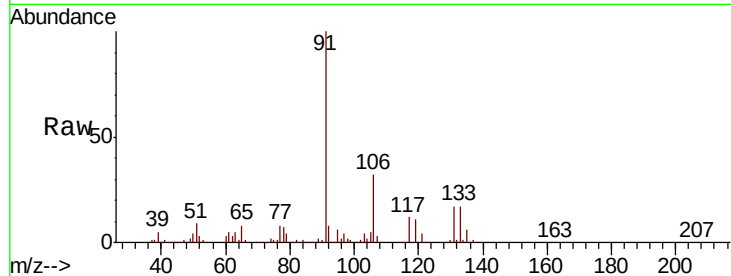
#67
Ethyl Benzene
Concen: 21.537 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion: 91 Resp: 316788
Ion Ratio Lower Upper
91 100
106 32.2 26.3 39.5

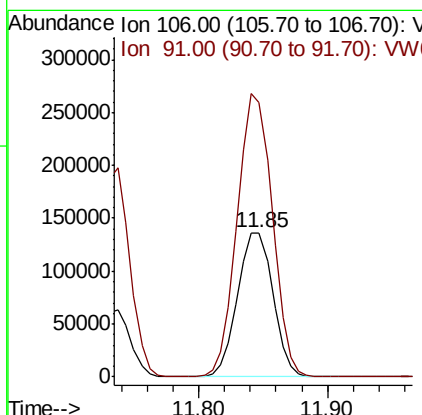
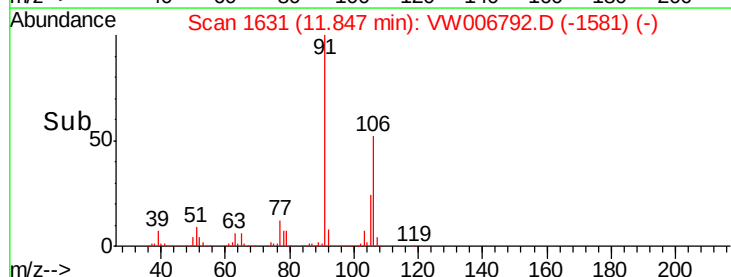
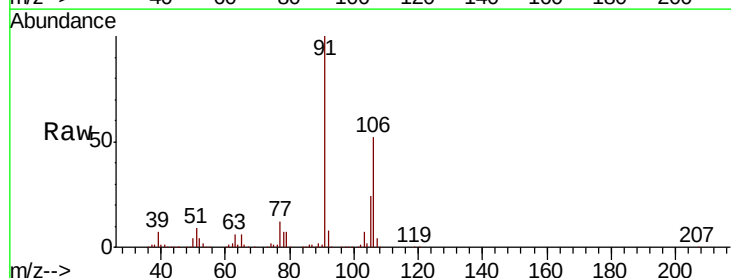
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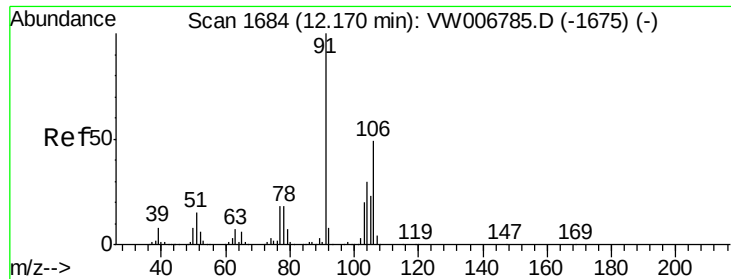
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#68
m/p-Xylenes
Concen: 43.487 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion: 106 Resp: 260902
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9





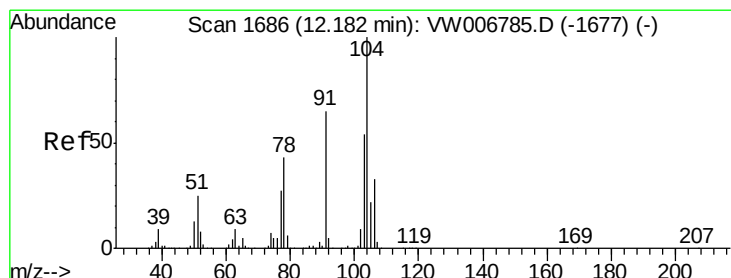
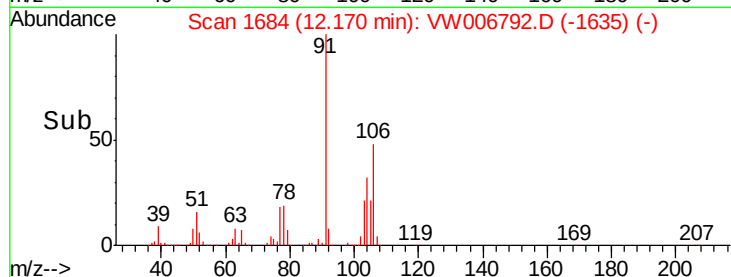
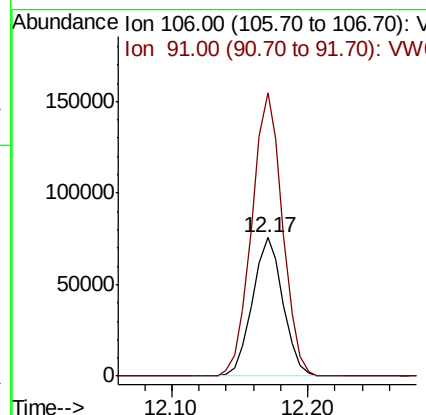
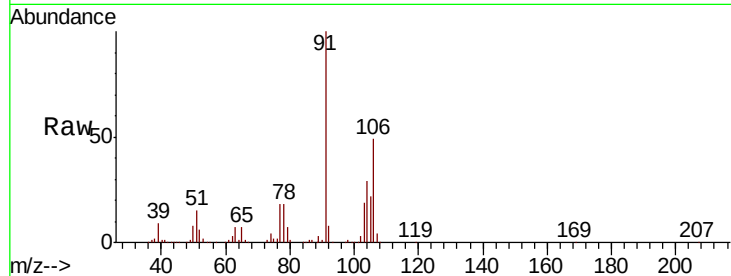
#69
o-Xylene
Concen: 21.651 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :
VW1109SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.2	103.0	308.9

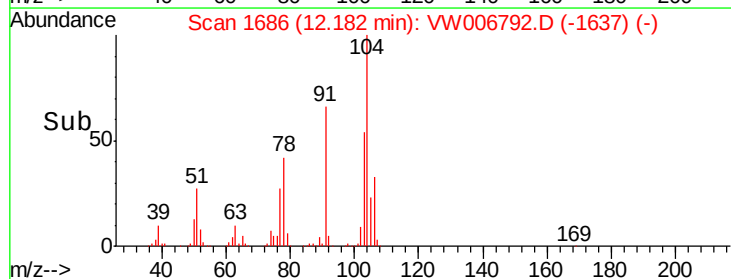
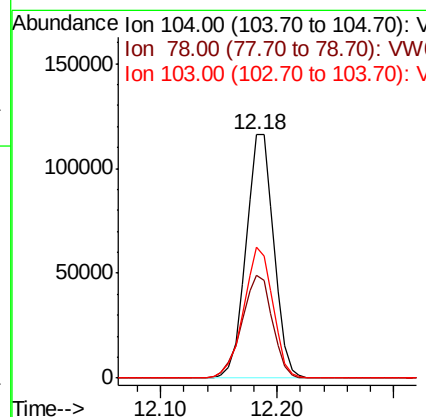
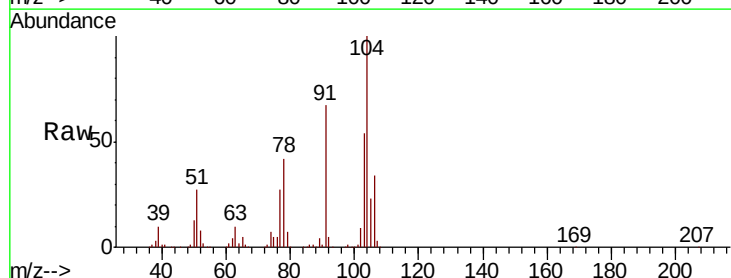
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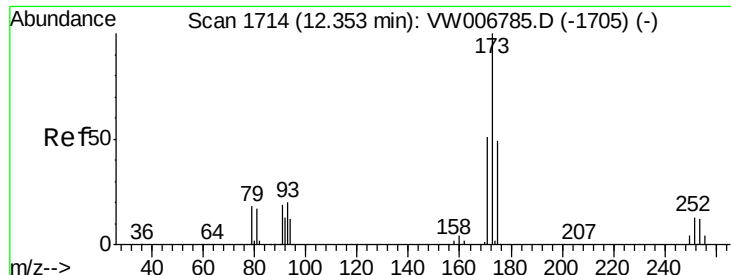
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#70
Styrene
Concen: 21.667 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006792.D
Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.1	55.7
103	56.4	44.4	66.6





#71

Bromoform

Concen: 21.437 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

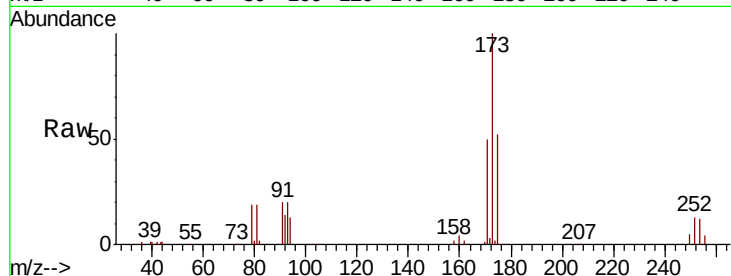
ClientSampleId :

VW1109SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
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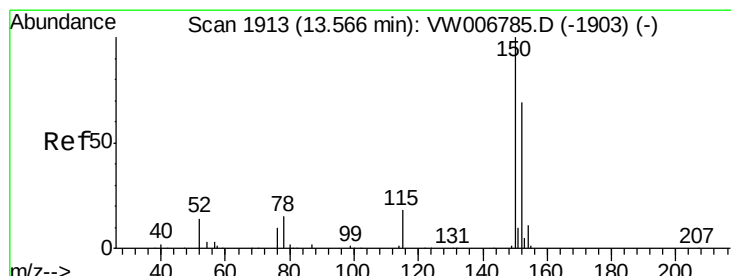
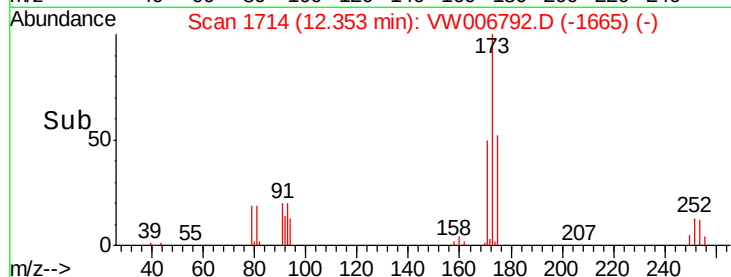
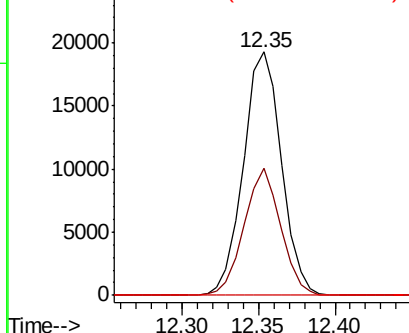


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

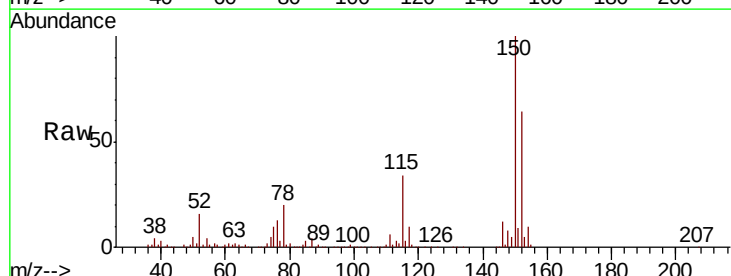
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.7	80.0
150	163.5	0.0	348.0

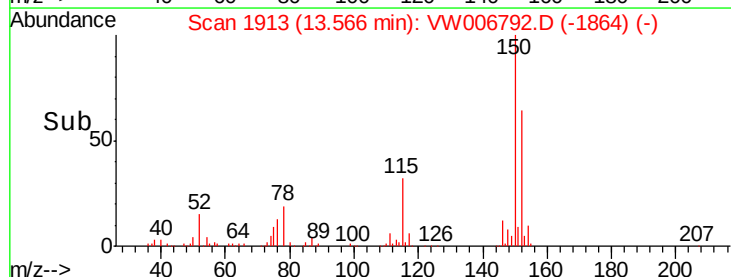
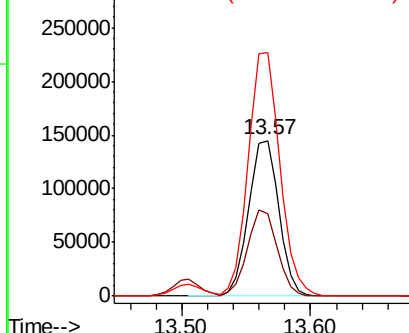


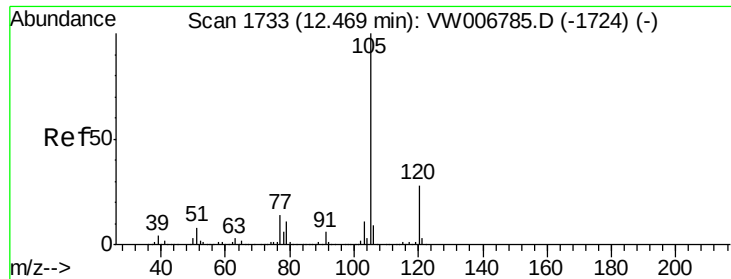
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.646 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion:105 Resp: 327011

Ion Ratio Lower Upper

105 100

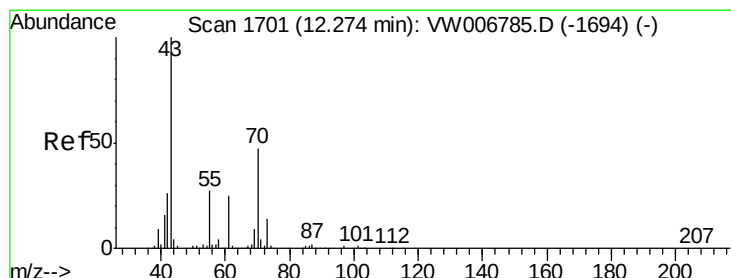
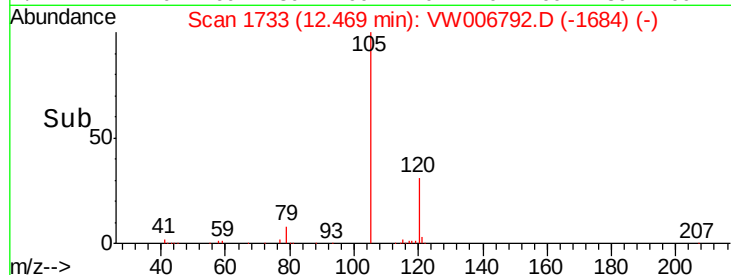
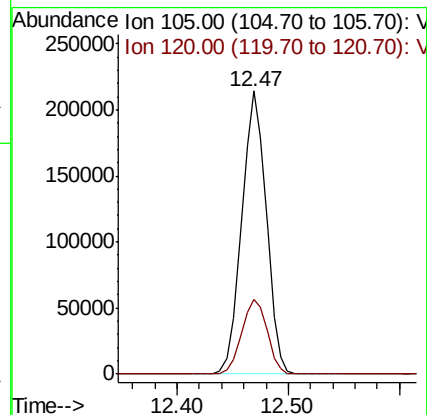
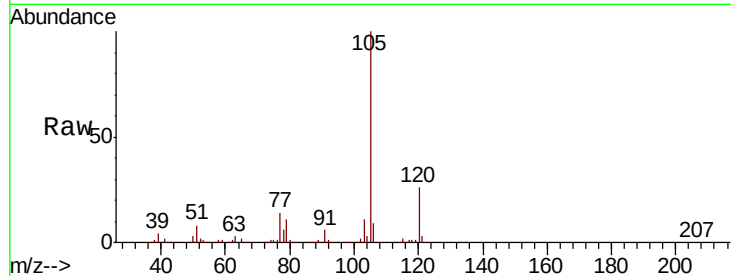
120 27.3 13.9 41.6

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#74

N-ethyl acetate

Concen: 22.248 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion: 43 Resp: 54784

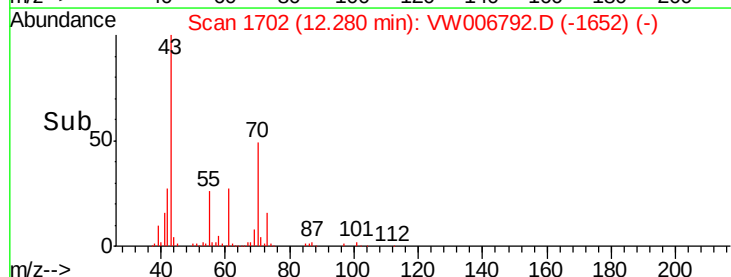
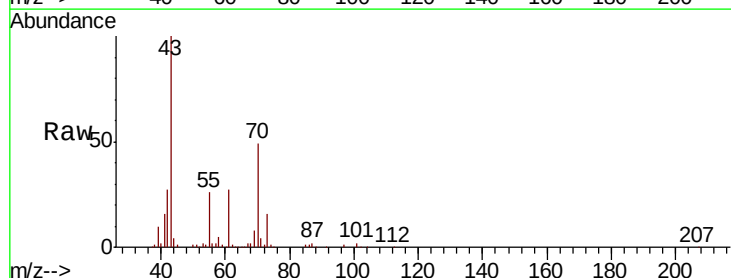
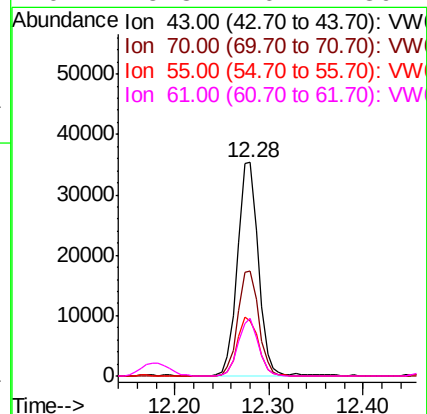
Ion Ratio Lower Upper

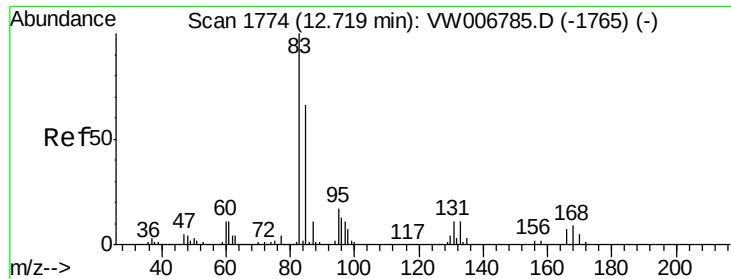
43 100

70 49.1 38.3 57.5

55 28.0 22.3 33.5

61 25.8 20.1 30.1





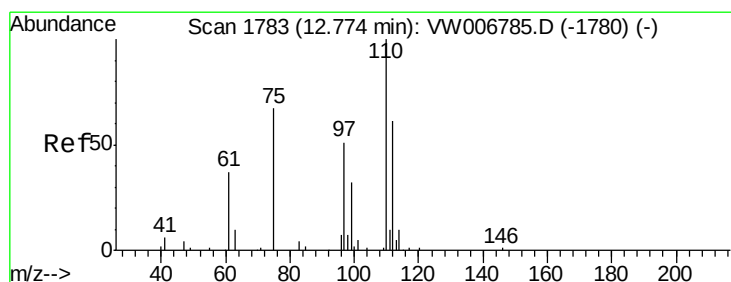
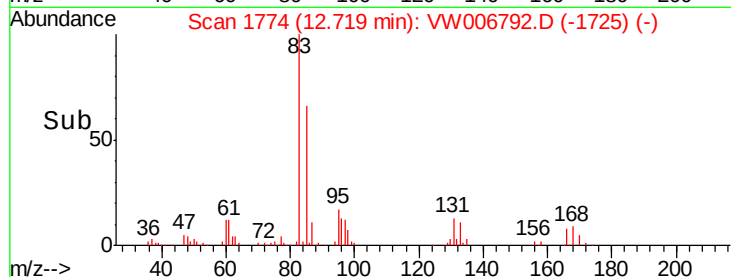
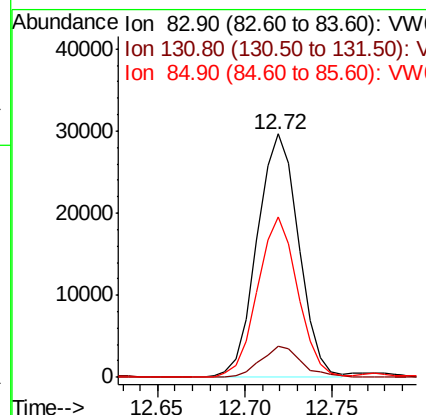
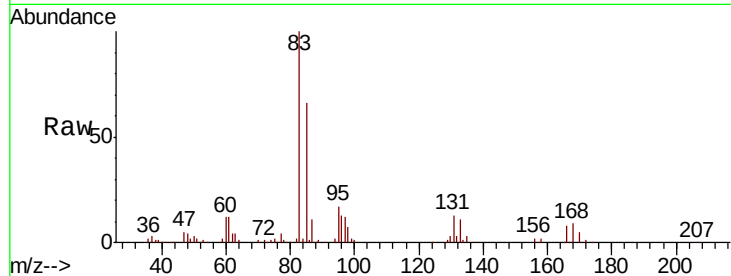
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.790 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	12.6	6.0	18.0
85	63.5	32.3	96.8

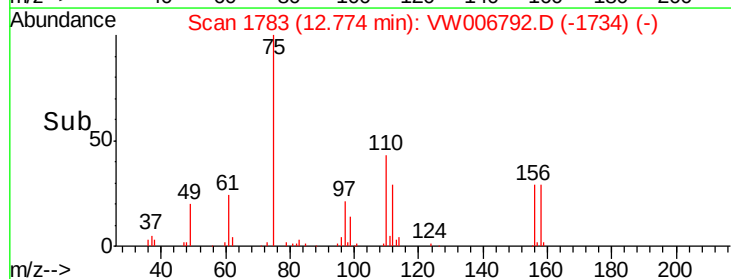
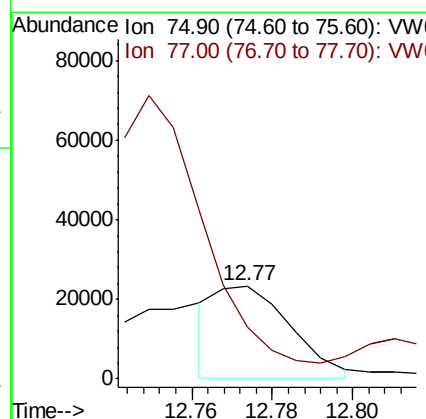
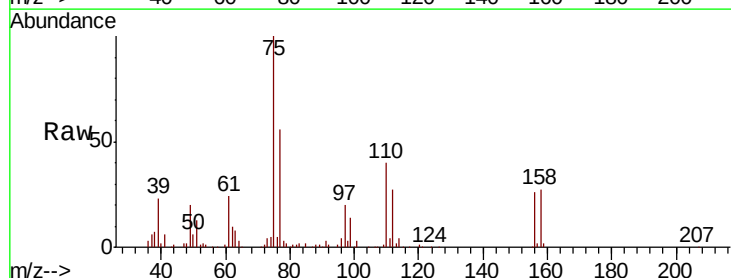
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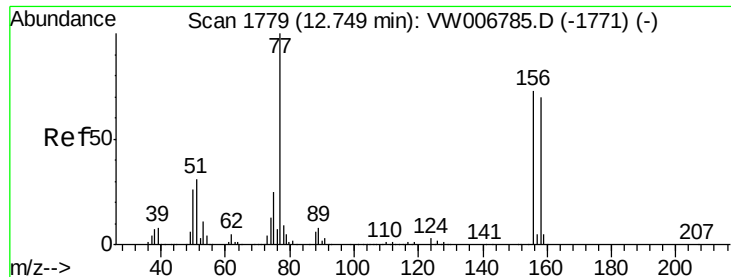
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#76
 1,2,3-Trichloropropane
 Concen: 17.932 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.921 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion:156 Resp: 85628

Ion Ratio Lower Upper

156 100

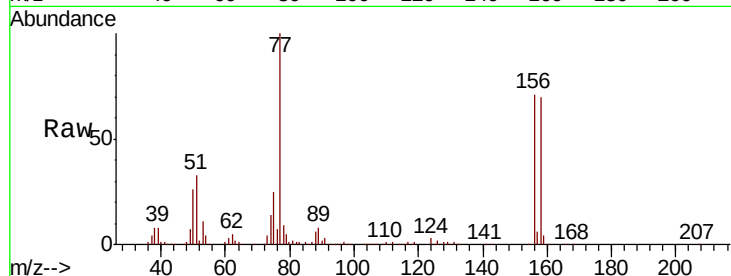
77 149.7 75.4 226.3

158 97.5 48.7 146.1

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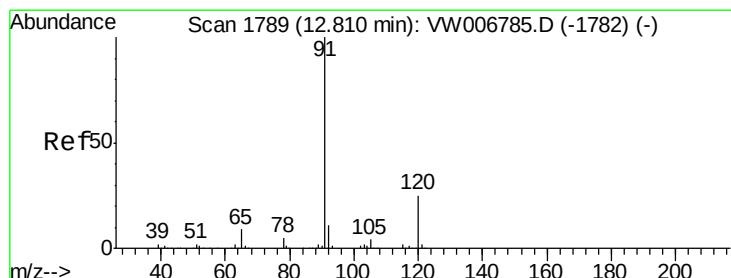
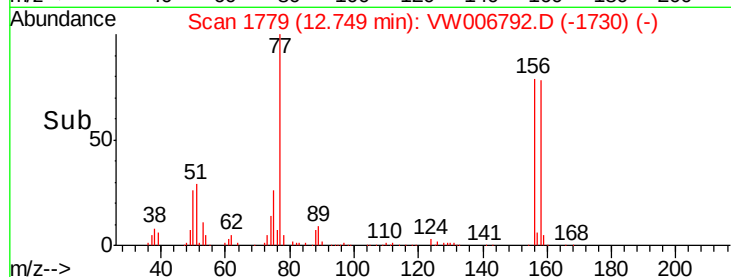
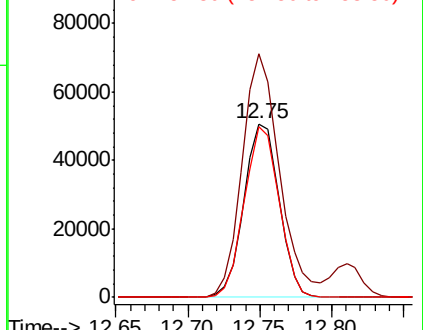
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.828 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006792.D

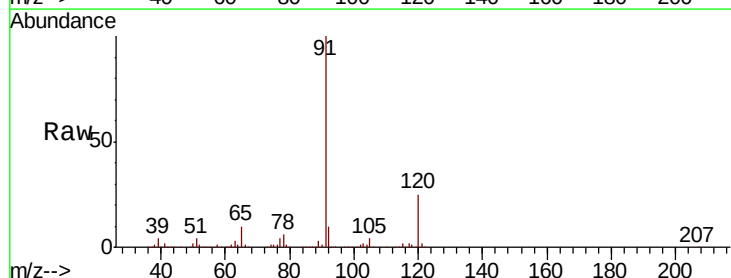
Acq: 09 Nov 2018 18:07

Tgt Ion: 91 Resp: 391818

Ion Ratio Lower Upper

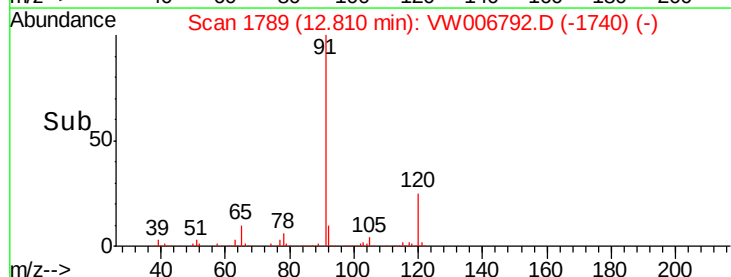
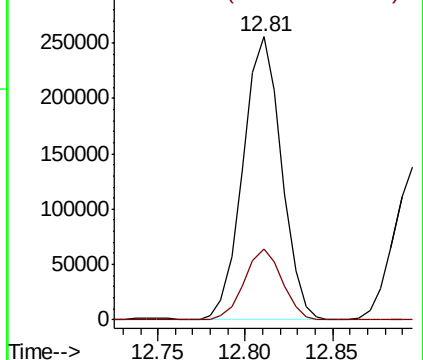
91 100

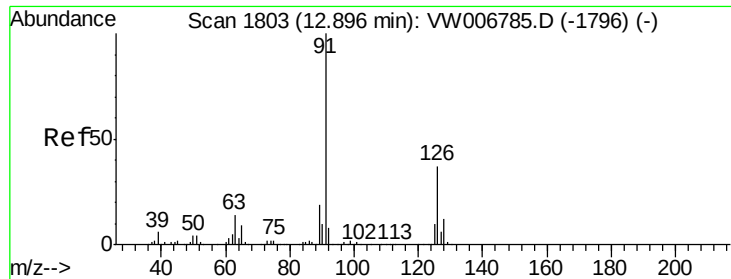
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





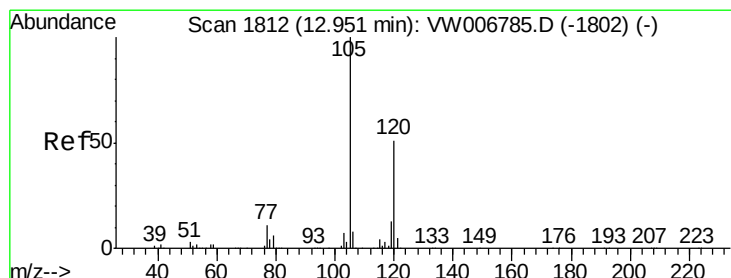
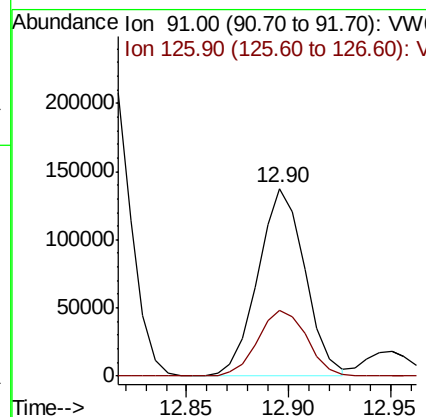
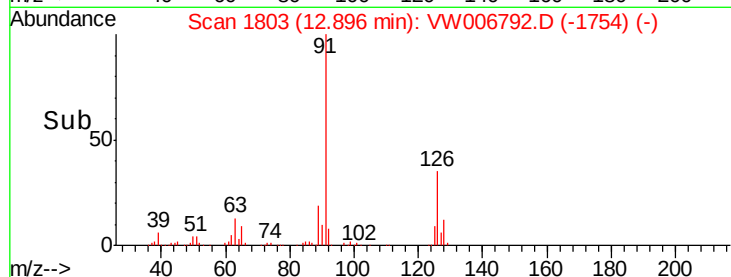
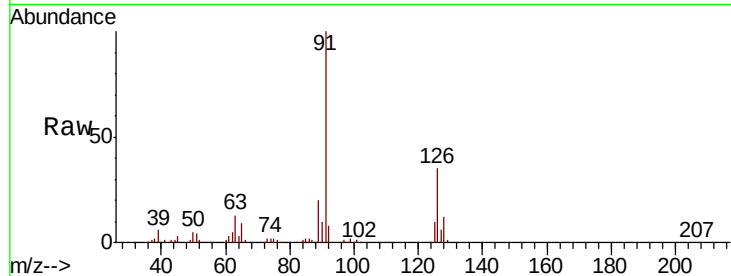
#79
 2-Chlorotoluene
 Concen: 21.815 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion: 91 Resp: 220595
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2

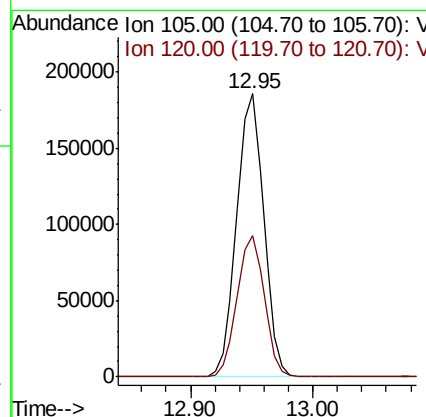
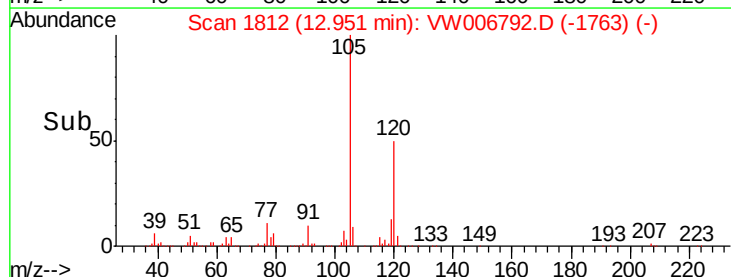
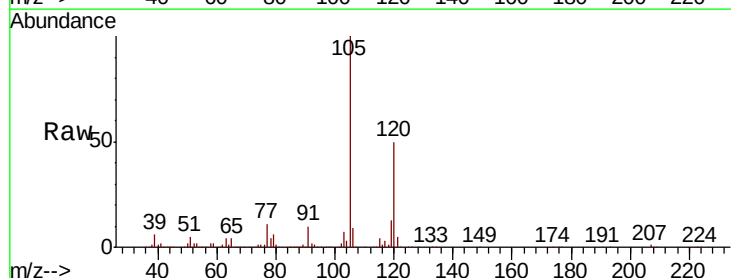
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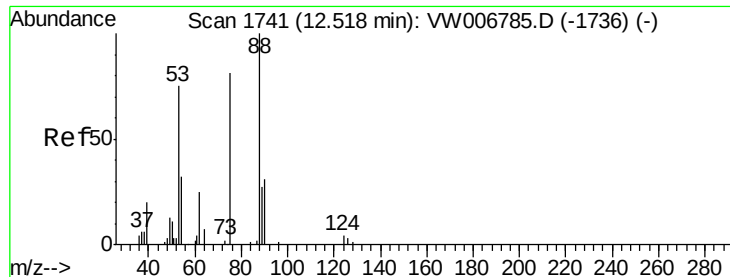
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.748 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion: 105 Resp: 284666
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.537 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion: 75 Resp: 13870

Ion Ratio Lower Upper

75 100

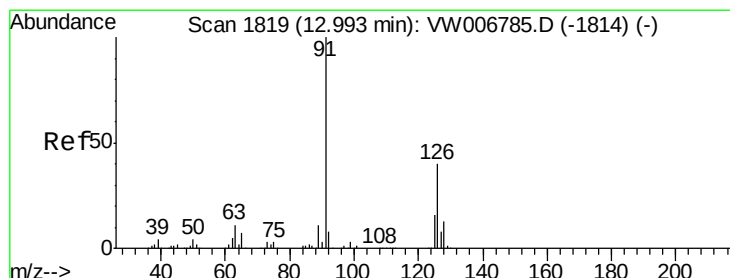
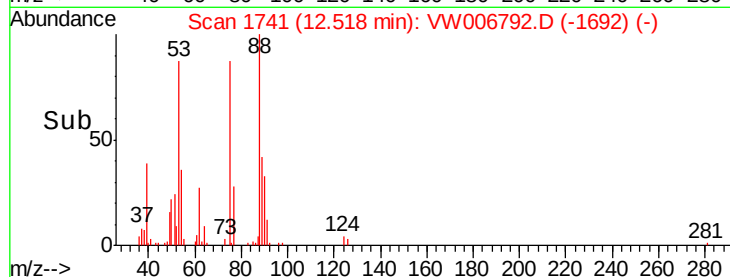
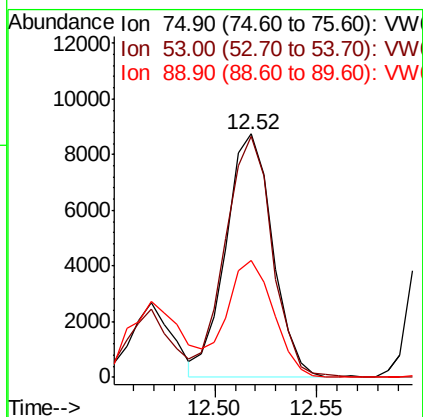
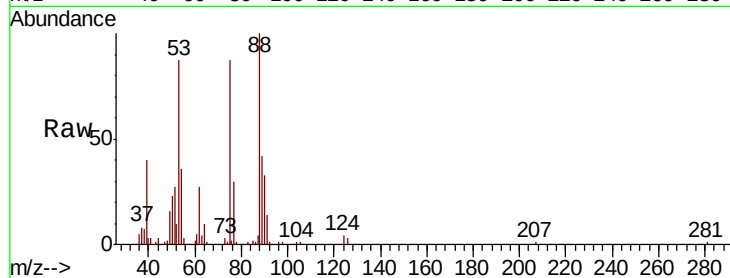
53 99.4 74.0 111.0

89 48.2 38.1 57.1

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#82

4-Chlorotoluene

Concen: 21.725 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006792.D

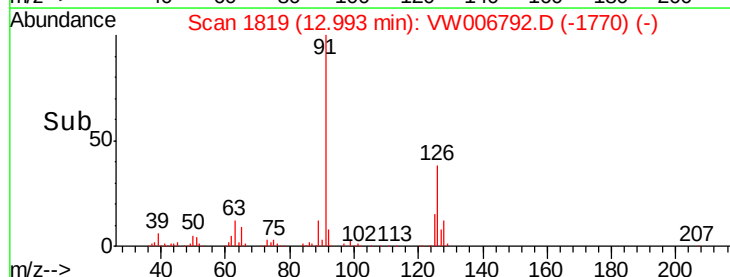
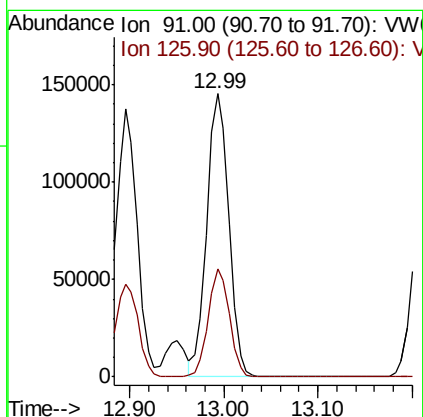
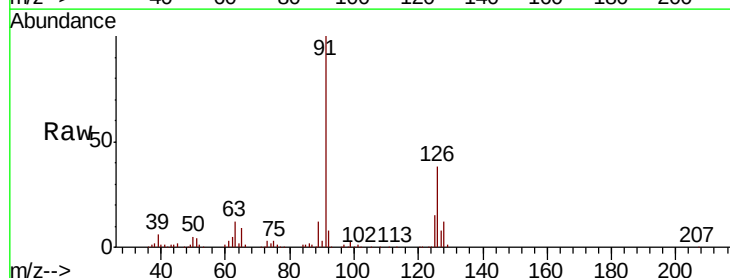
Acq: 09 Nov 2018 18:07

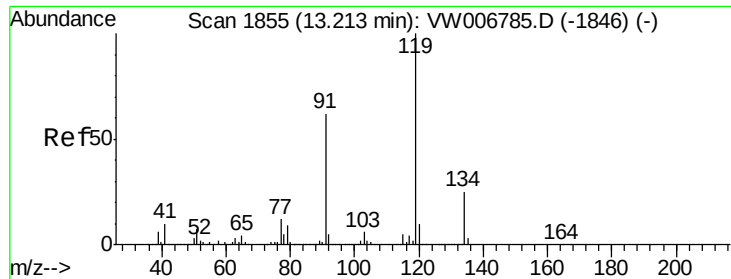
Tgt Ion: 91 Resp: 234793

Ion Ratio Lower Upper

91 100

126 36.8 18.6 55.6





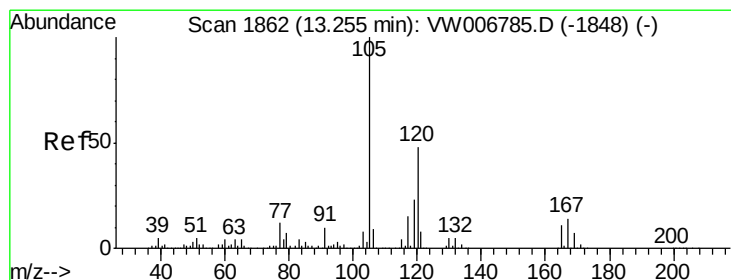
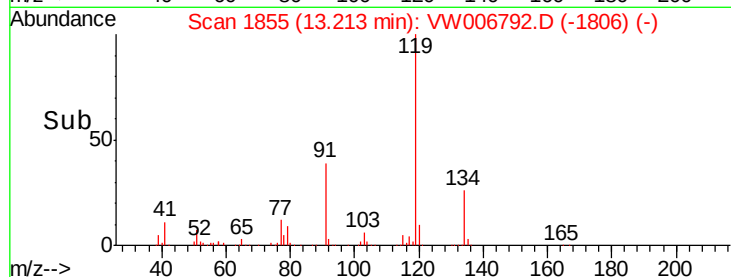
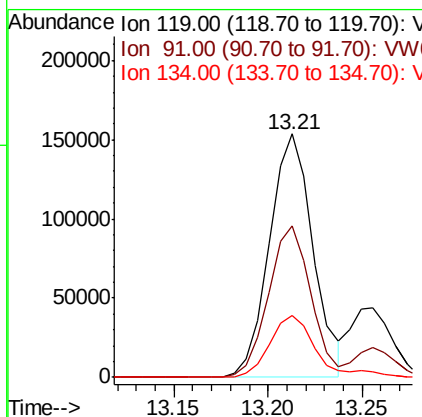
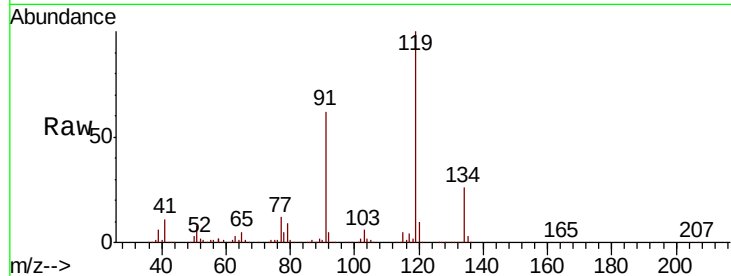
#83
 tert-Butylbenzene
 Concen: 21.811 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	246687		
91	60.3		30.4	91.2
134	27.1		13.6	40.7

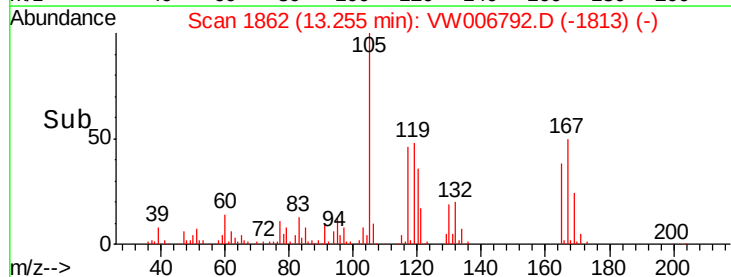
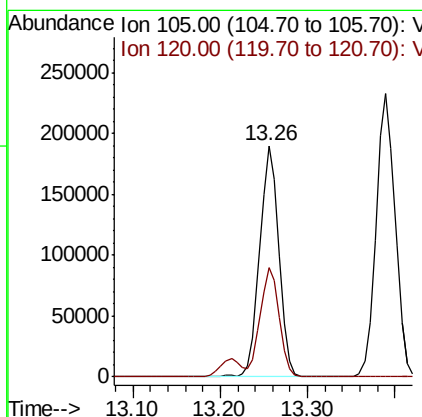
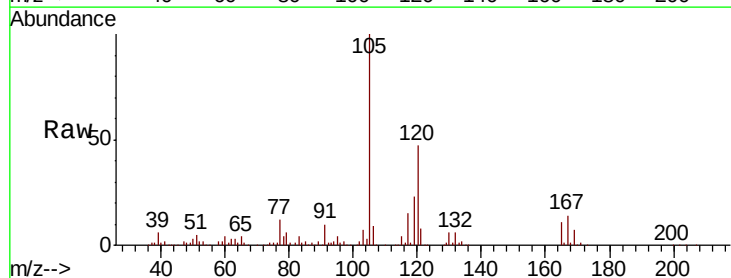
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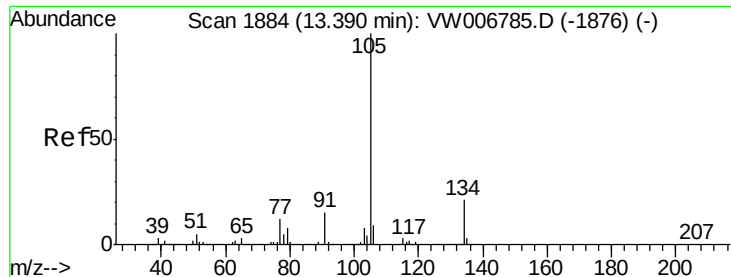
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.625 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	290005		
120	46.8		23.4	70.0





#85

sec-Butylbenzene

Concen: 21.656 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

VW1109SBS01

Tot Ion:105 Resp: 350558

Ion Ratio Lower Upper

105 100

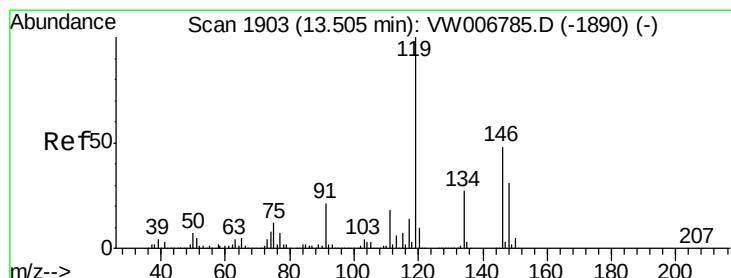
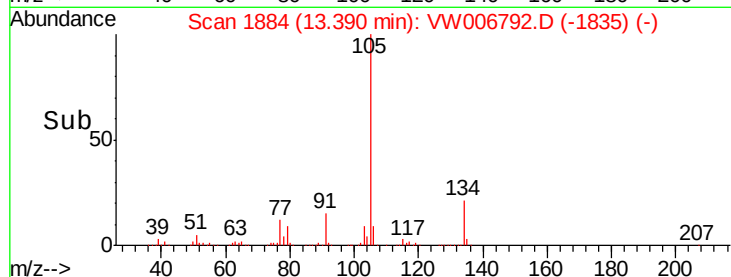
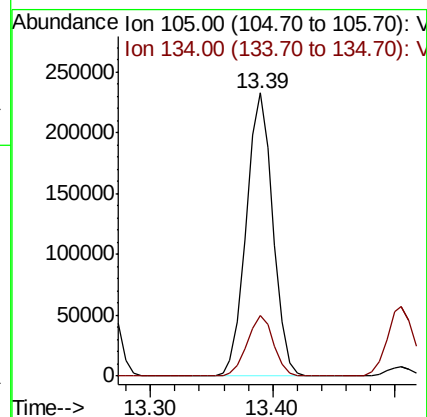
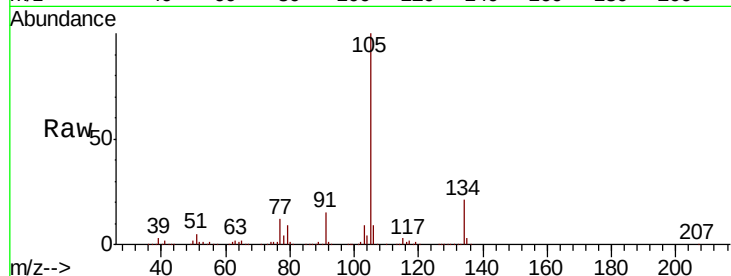
134 21.3 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 21.658 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

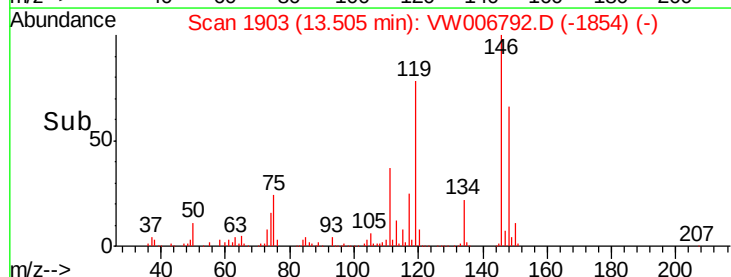
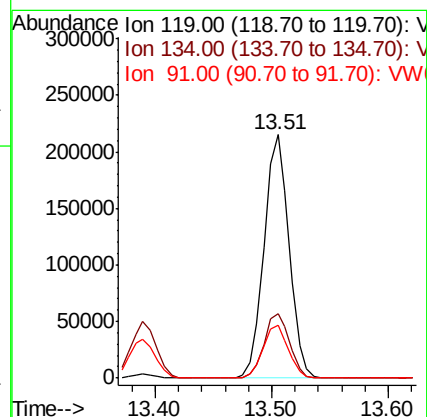
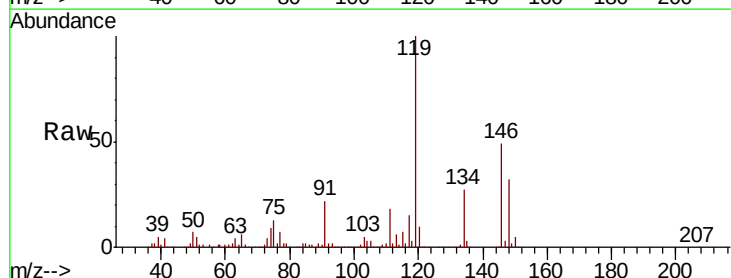
Tgt Ion:119 Resp: 319791

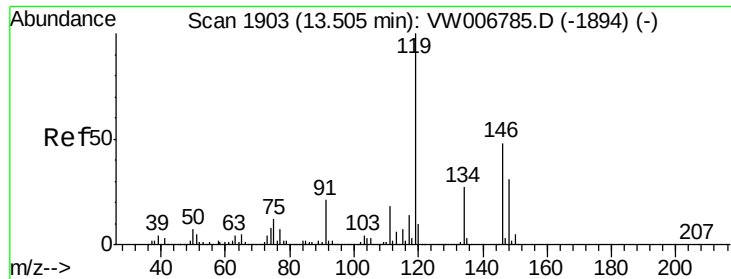
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 22.1 10.8 32.4





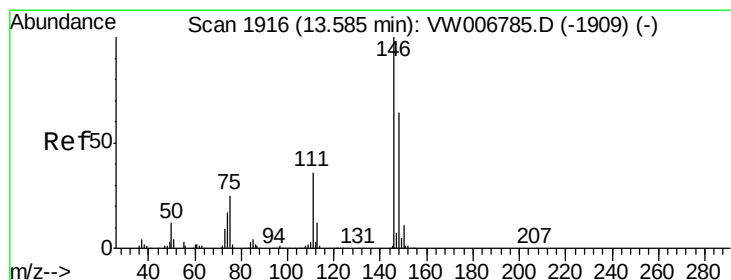
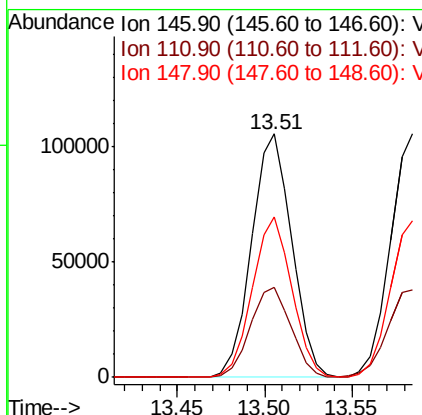
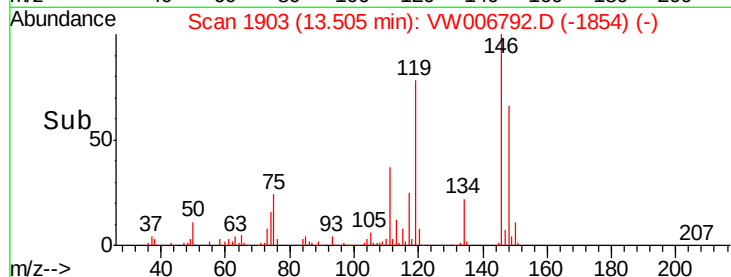
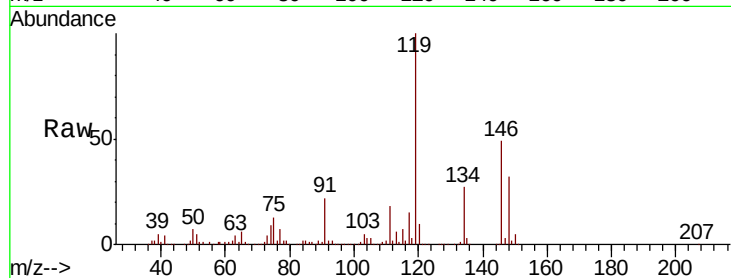
#87
 1,3-Dichlorobenzene
 Concen: 21.224 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	168432		
111	37.7	18.4	55.0	
148	64.8	31.9	95.9	

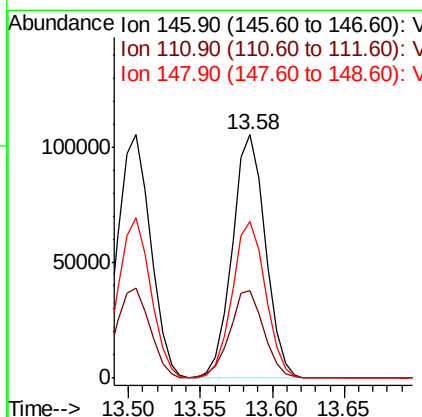
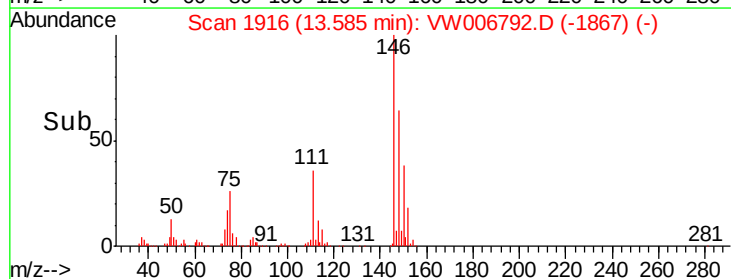
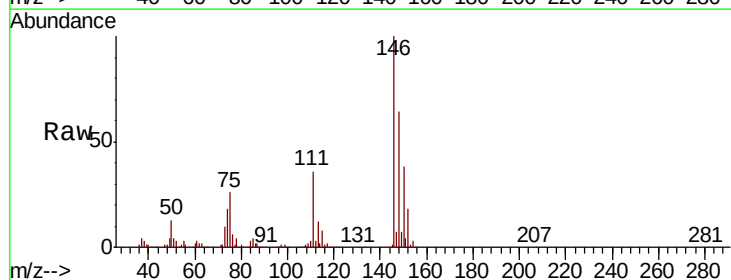
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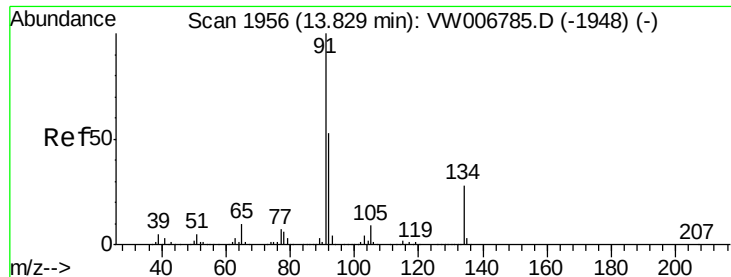
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#88
 1,4-Dichlorobenzene
 Concen: 21.484 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169812		
111	37.3	18.1	54.1	
148	64.7	32.2	96.6	





#89

n-Butylbenzene

Concen: 21.494 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

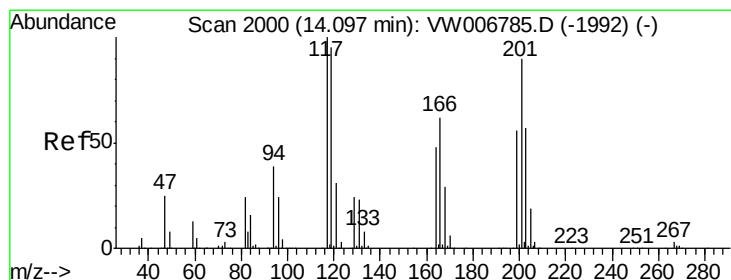
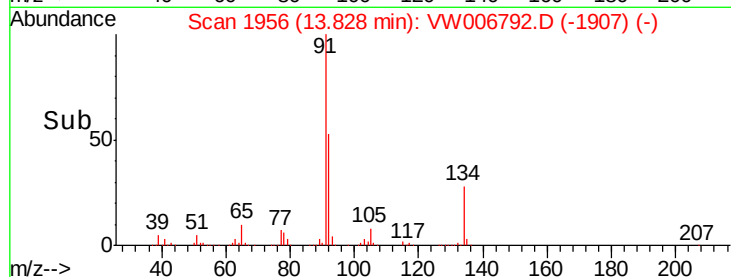
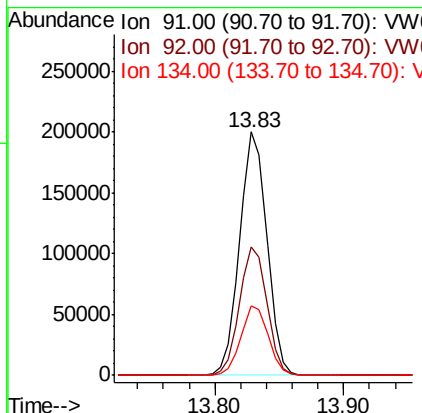
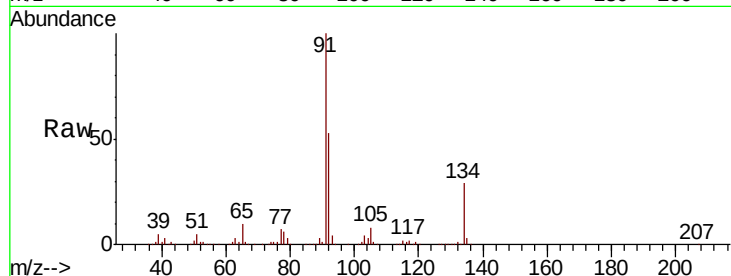
ClientSampleId :

VW1109SBS01

Tot Ion	91	Resp	292915
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.1	78.2
134	28.5	14.2	42.8

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#90

Hexachloroethane

Concen: 21.448 ug/l

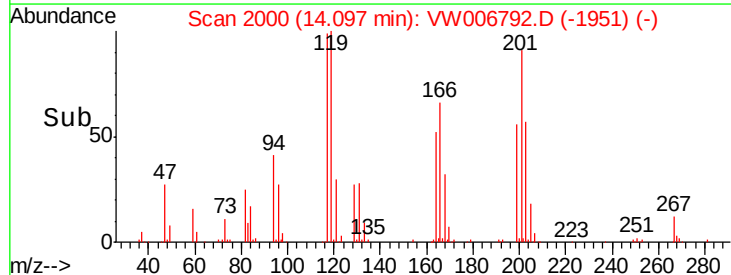
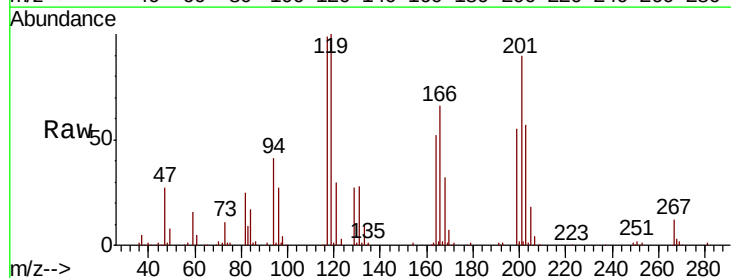
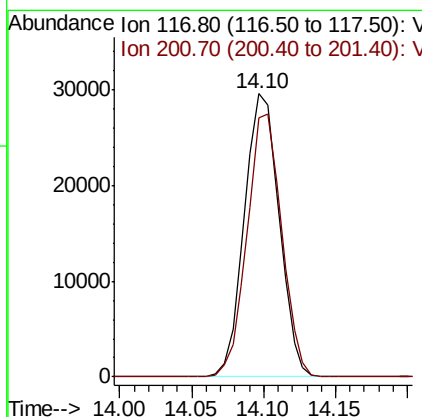
RT: 14.10 min Scan# 2000

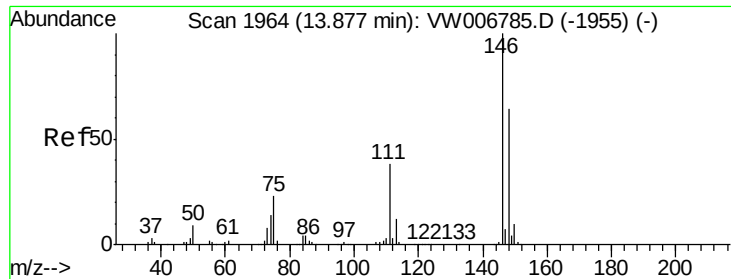
Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion	117	Resp	49682
Ion	Ratio	Lower	Upper
117	100		
201	92.1	47.0	141.2





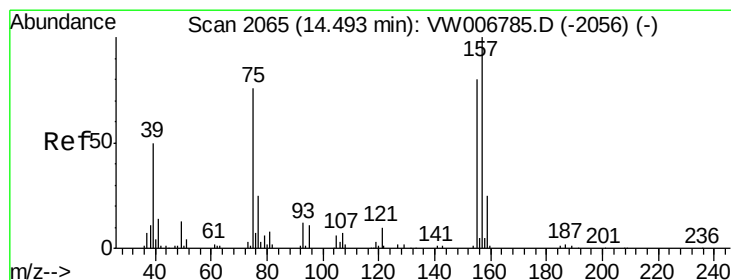
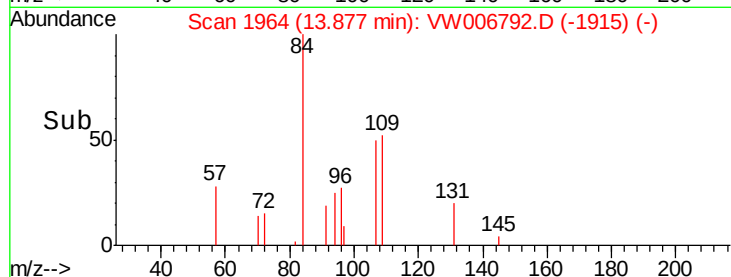
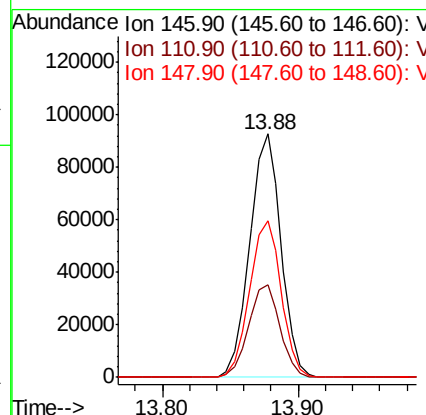
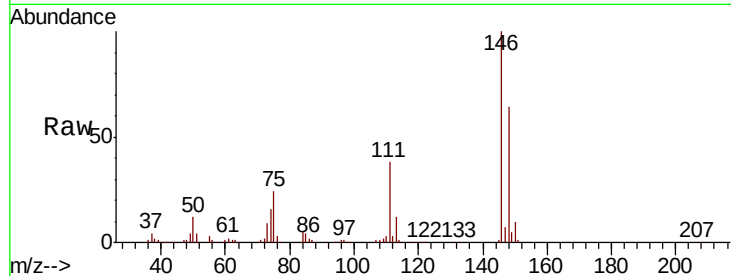
#91
 1,2-Dichlorobenzene
 Concen: 21.501 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	65.0	32.0	96.2

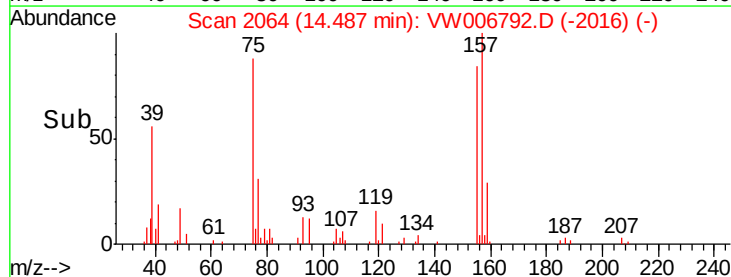
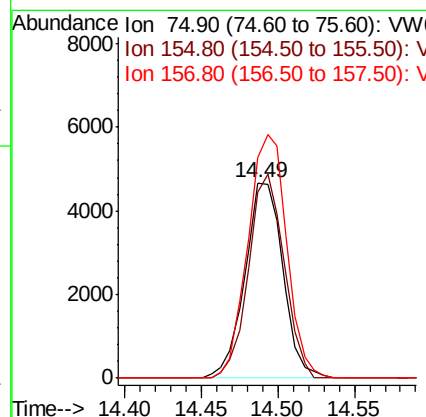
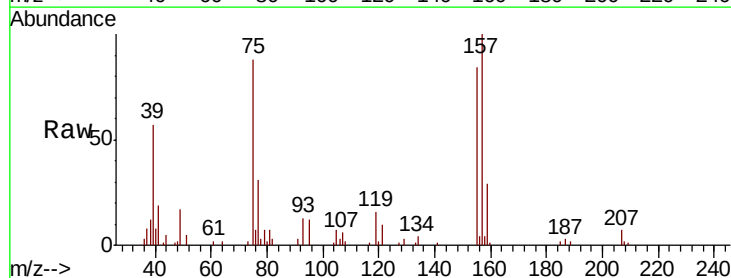
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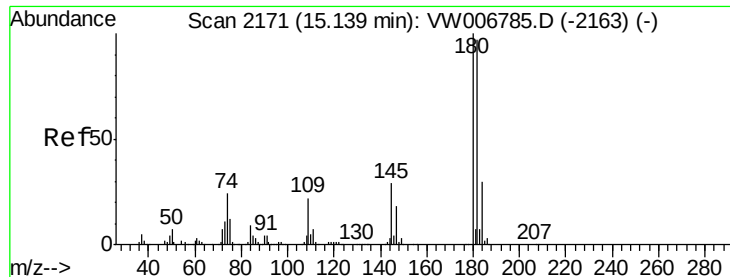
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.247 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	51.0	153.1
157	127.0	65.5	196.5





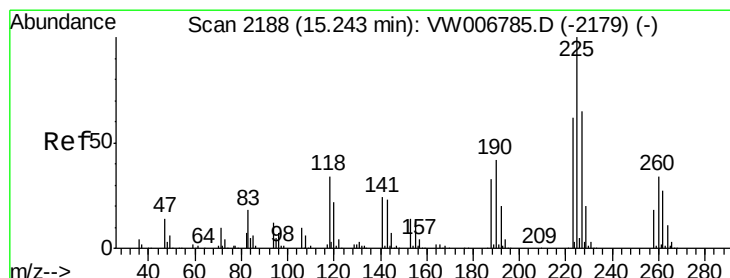
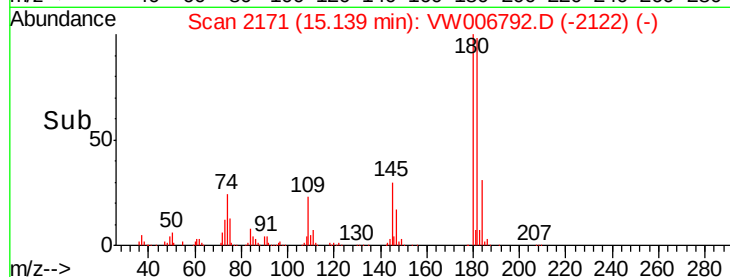
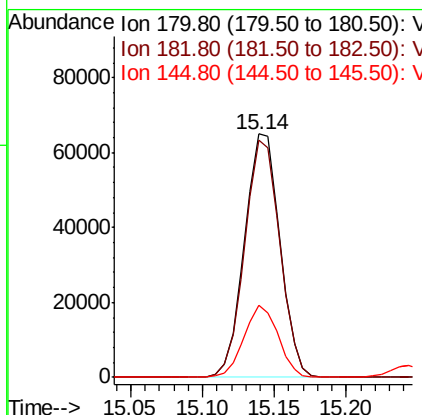
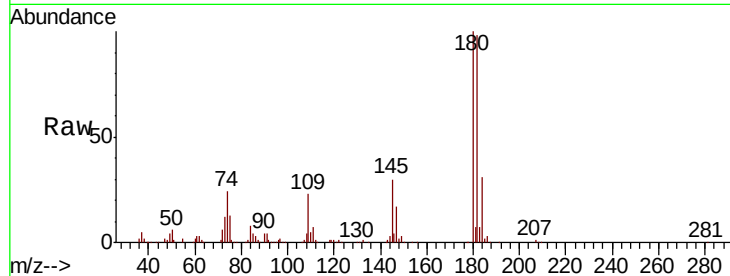
#93
 1,2,4-Trichlorobenzene
 Concen: 21.522 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.9	143.8
145	28.6	14.1	42.3

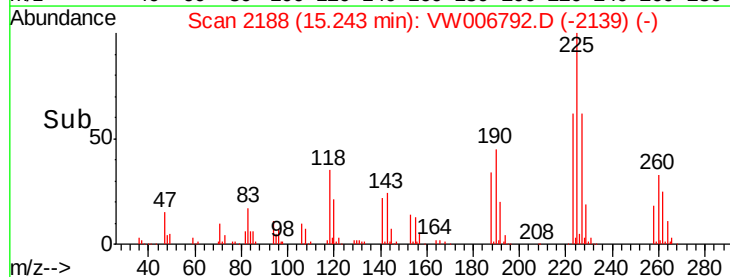
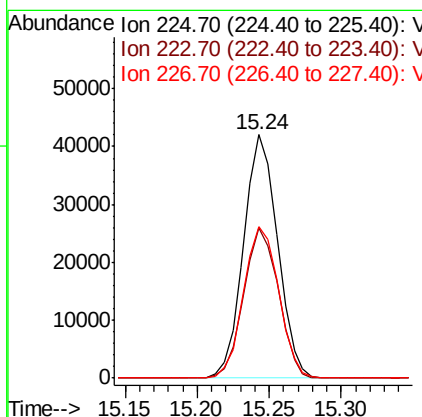
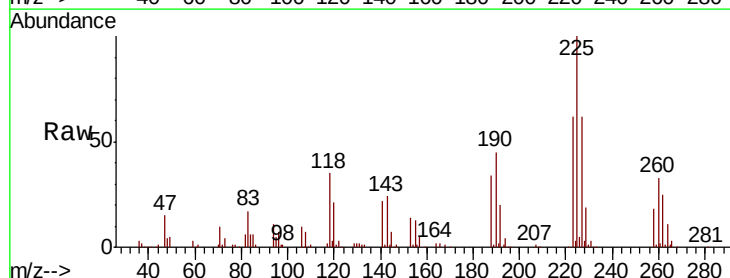
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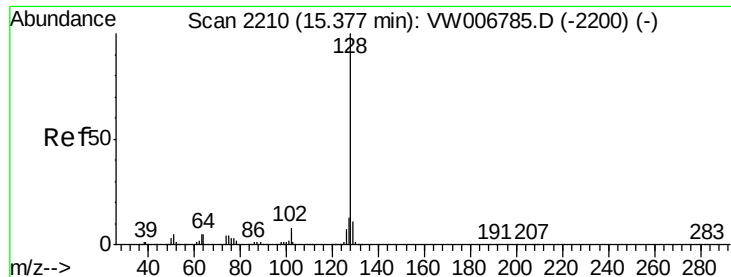
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.223 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006792.D
 Acq: 09 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.5
227	64.3	31.9	95.7





#95

Naphthalene

Concen: 21.923 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Instrument :

MSVOA_W

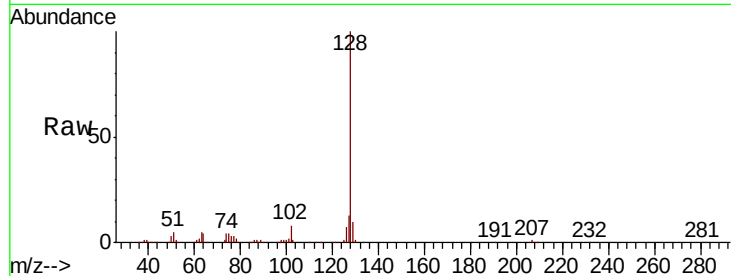
ClientSampleId :

VW1109SBSD01

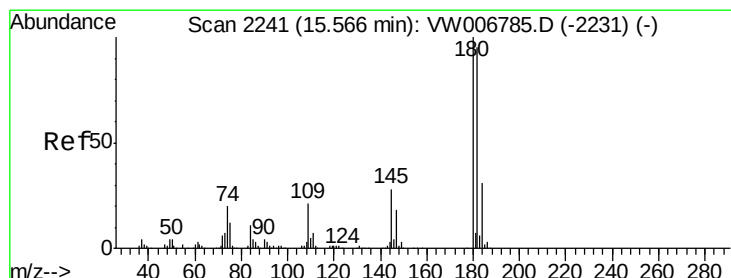
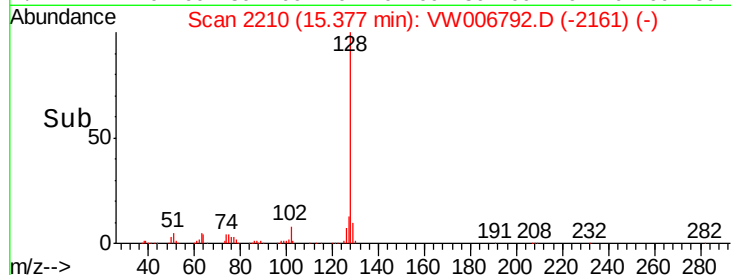
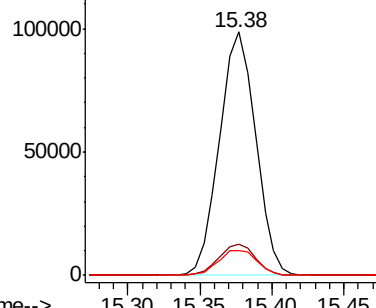
Tot Ion:	128	Resp:	172394
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:18 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.621 ug/l

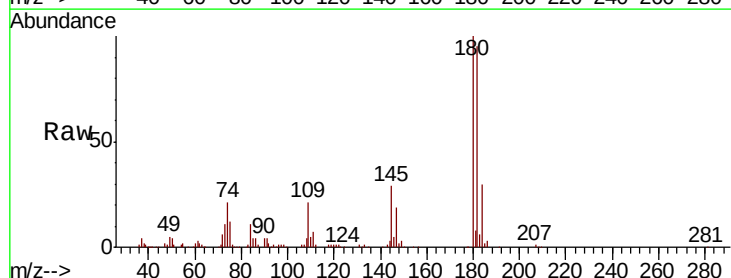
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006792.D

Acq: 09 Nov 2018 18:07

Tgt Ion:	180	Resp:	96121
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.8	143.4
145	29.4	14.5	43.6



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

