

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005553.D
 Acq On : 21 Sep 2018 12:14
 Operator : VA/AP
 Sample : VW0922SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Manual Integrations
 APPROVED

apatel
 9/24/2018 11:32:12 AM

Quant Time: Sep 21 15:09:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	323312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129401	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
35) Dibromofluoromethane	7.89	113	108451	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.33	98	460313	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.62	95	167511	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	36230	23.533	ug/l	99
3) Chloromethane	2.21	50	38481	20.072	ug/l	97
4) Vinyl Chloride	2.37	62	48622	21.218	ug/l	100
5) Bromomethane	2.79	94	30519	19.707	ug/l	90
6) Chloroethane	2.93	64	29733	20.220	ug/l	96
7) Trichlorofluoromethane	3.26	101	39103	21.817	ug/l	100
8) Diethyl Ether	3.68	74	21325	18.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	45983	20.268	ug/l	98
10) Methyl Iodide	4.27	142	68636	19.671	ug/l	100
11) Tert butyl alcohol	5.21	59	14066	95.498	ug/l	99
12) 1,1-Dichloroethene	4.04	96	43778	20.155	ug/l	97
13) Acrolein	3.90	56	11437	106.611	ug/l	98
14) Allyl chloride	4.67	41	73964	19.512	ug/l	99
15) Acrylonitrile	5.38	53	44327	85.274	ug/l	97
16) Acetone	4.14	43	48872	105.181	ug/l	96
17) Carbon Disulfide	4.38	76	137917	20.322	ug/l	98
18) Methyl Acetate	4.67	43	21443	16.103	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63137	18.832	ug/l	100
20) Methylene Chloride	4.91	84	53067	19.968	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	46153	19.400	ug/l	98
22) Diisopropyl ether	6.31	45	142204	19.325	ug/l	98
23) Vinyl Acetate	6.26	43	392574	93.338	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87155	19.170	ug/l	99
25) 2-Butanone	7.18	43	59631	87.386	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63511	20.010	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	49670	18.929	ug/l	99
28) Bromochloromethane	7.52	49	32603	18.104	ug/l #	98
29) Tetrahydrofuran	7.54	42	37161	87.169	ug/l	99
30) Chloroform	7.68	83	90024	19.180	ug/l	99
31) Cyclohexane	7.96	56	84828	19.475	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	81291	19.605	ug/l	99
36) 1,1-Dichloropropene	8.09	75	70941	19.461	ug/l	99
37) Ethyl Acetate	7.26	43	27266	17.774	ug/l	99
38) Carbon Tetrachloride	8.07	117	77789	19.914	ug/l	99

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apatel
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Quant Time: Sep 21 15:09:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86303	20.067	ug/l	99
40) Benzene	8.33	78	199521	19.318	ug/l	98
41) Methacrylonitrile	7.49	41	16666	19.092	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62239	18.822	ug/l	98
43) Isopropyl Acetate	8.43	43	51623	17.116	ug/l	98
44) Trichloroethene	9.10	130	51664	19.542	ug/l	93
45) 1,2-Dichloropropane	9.37	63	47717	18.779	ug/l	99
46) Dibromomethane	9.46	93	23694	18.662	ug/l	98
47) Bromodichloromethane	9.65	83	63087	18.498	ug/l	96
48) Methyl methacrylate	9.44	41	24724	17.259	ug/l	94
49) 1,4-Dioxane	9.48	88	7080	350.753	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	133446	87.847	ug/l	99
52) Toluene	10.39	92	127079	19.719	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63700	18.631	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	72551	18.939	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	33039	18.333	ug/l	96
56) Ethyl methacrylate	10.65	69	40007	17.983	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58852	18.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94403	93.610	ug/l	98
59) 2-Hexanone	10.98	43	92368	89.509	ug/l	99
60) Dibromochloromethane	11.13	129	40078	18.405	ug/l	96
61) 1,2-Dibromoethane	11.24	107	31608	18.811	ug/l	98
64) Tetrachloroethene	10.87	164	43789	19.083	ug/l	95
65) Chlorobenzene	11.66	112	135549	19.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	47928	19.402	ug/l	98
67) Ethyl Benzene	11.74	91	244000	20.028	ug/l	100
68) m/p-Xylenes	11.85	106	187570	40.752	ug/l	99
69) o-Xylene	12.17	106	86530	20.074	ug/l	100
70) Styrene	12.19	104	144792	19.960	ug/l	100
71) Bromoform	12.35	173	24403	18.611	ug/l #	99
73) Isopropylbenzene	12.47	105	252315	20.674	ug/l	100
74) N-amyl acetate	12.28	43	49712	17.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37871	18.682	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28757m	19.169	ug/l	
77) Bromobenzene	12.76	156	56360	19.703	ug/l	99
78) n-propylbenzene	12.81	91	304377	20.600	ug/l	99
79) 2-Chlorotoluene	12.90	91	175081	20.481	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	215177	20.276	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12144	18.232	ug/l	98
82) 4-Chlorotoluene	12.99	91	183635	20.331	ug/l	99
83) tert-Butylbenzene	13.21	119	179799	20.167	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	223641	20.883	ug/l	99
85) sec-Butylbenzene	13.39	105	266053	20.576	ug/l	98
86) p-Isopropyltoluene	13.51	119	241263	20.817	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	117136	20.027	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	116084	19.955	ug/l	99
89) n-Butylbenzene	13.83	91	225988	20.672	ug/l	99
90) Hexachloroethane	14.10	117	42748	20.350	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	102025	19.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7428	19.232	ug/l	91

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MSVOA_W
ClientSampleId :
VW0922SBSD01

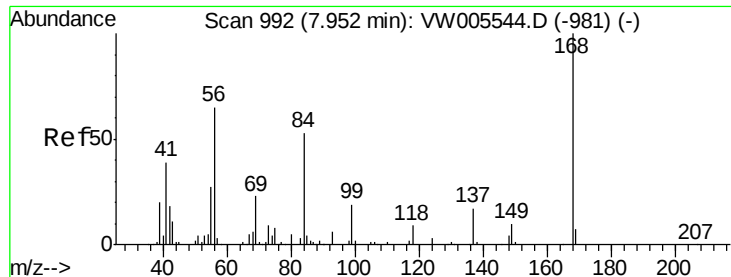
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75661	20.542	ug/l	99
94) Hexachlorobutadiene	15.24	225	48674	20.398	ug/l	98
95) Naphthalene	15.38	128	120734	19.487	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	65618	20.215	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion:168 Resp: 238490

Ion Ratio Lower Upper

168 100

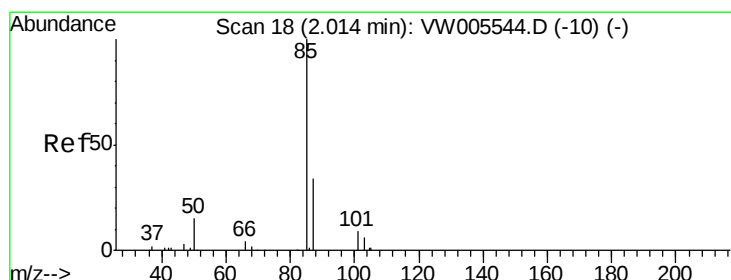
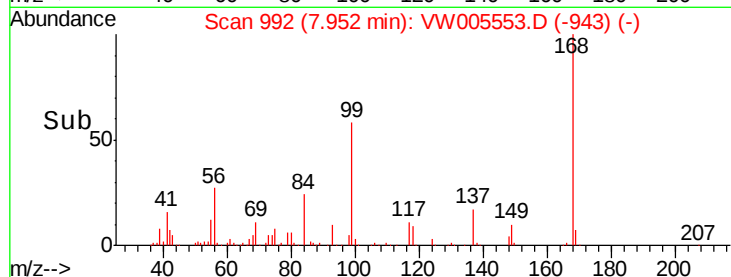
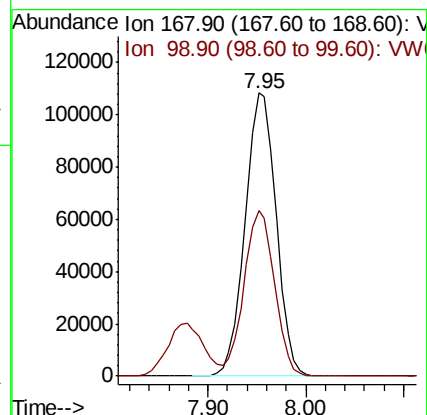
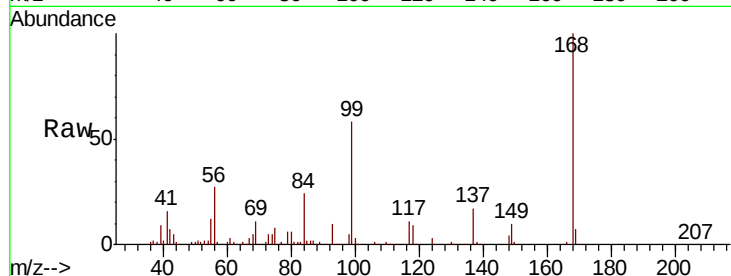
99 58.4 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 23.533 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005553.D

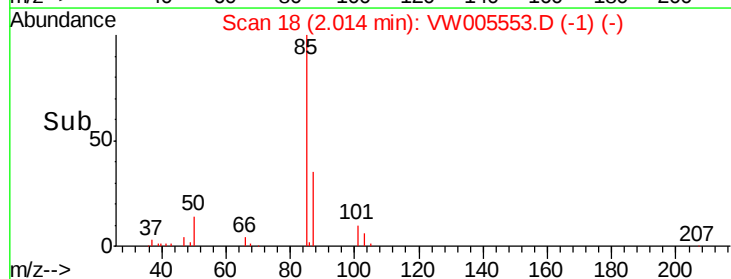
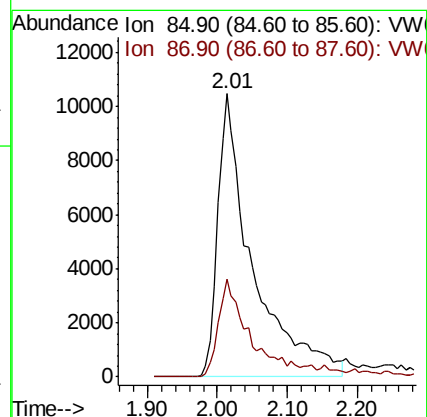
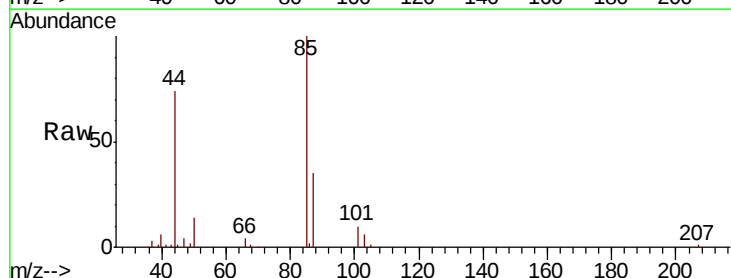
Acq: 21 Sep 2018 12:14

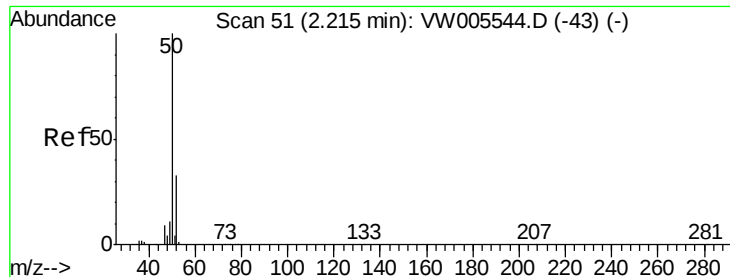
Tgt Ion: 85 Resp: 36230

Ion Ratio Lower Upper

85 100

87 34.6 17.0 50.9





#3

Chloromethane

Concen: 20.072 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion: 50 Resp: 38481

Ion Ratio Lower Upper

50 100

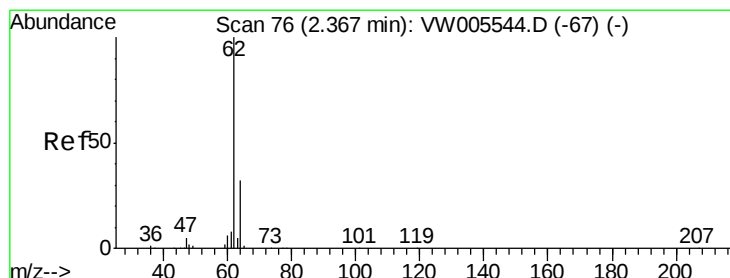
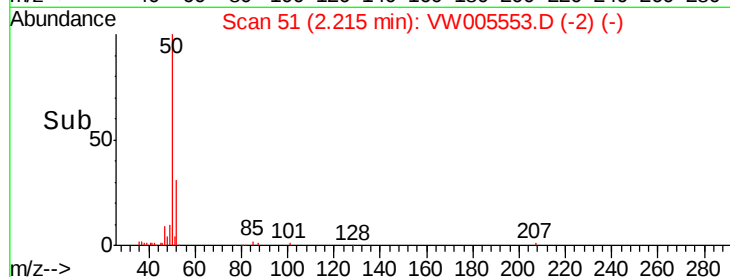
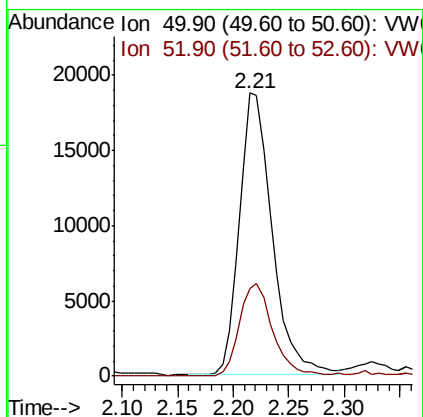
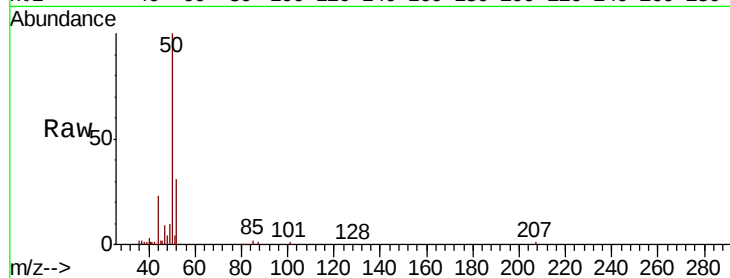
52 31.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.218 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005553.D

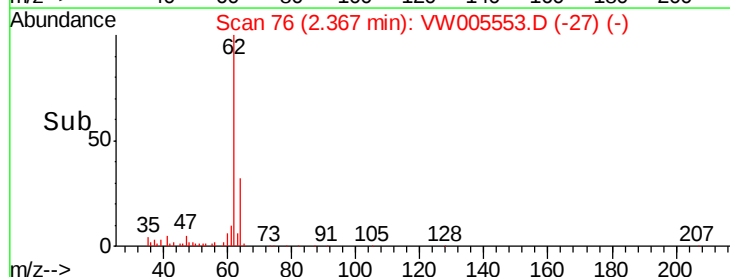
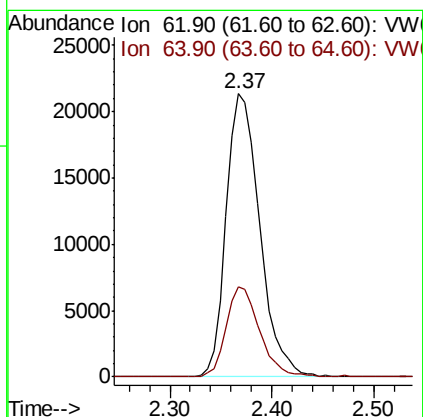
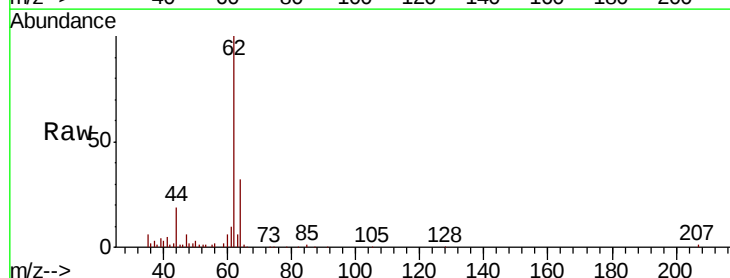
Acq: 21 Sep 2018 12:14

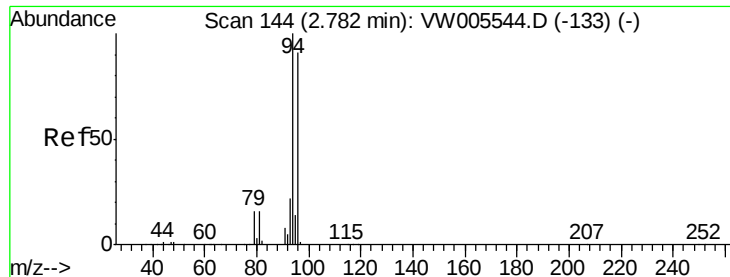
Tgt Ion: 62 Resp: 48622

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 19.707 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion: 94 Resp: 30519

Ion Ratio Lower Upper

94 100

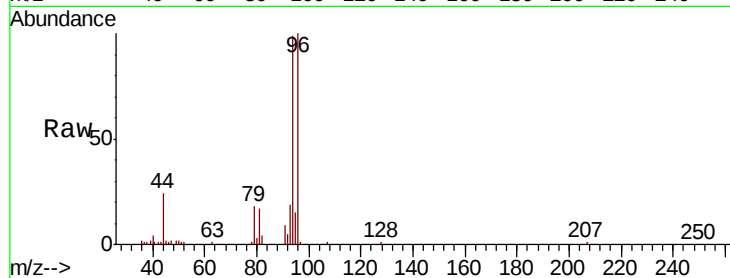
96 100.8 73.1 109.7

Manual Integrations

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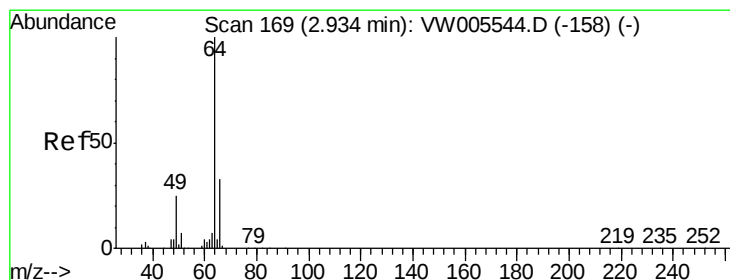
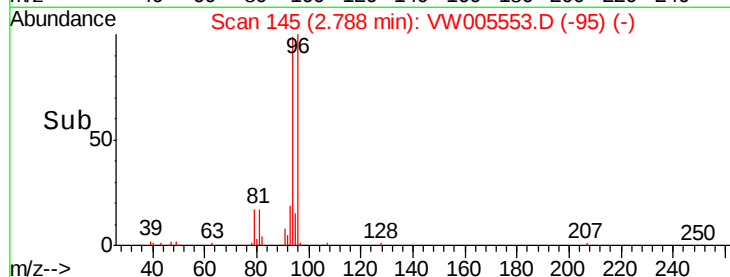
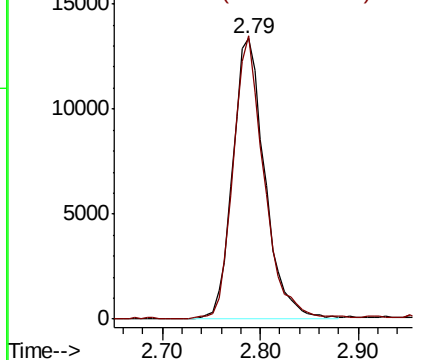
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.220 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005553.D

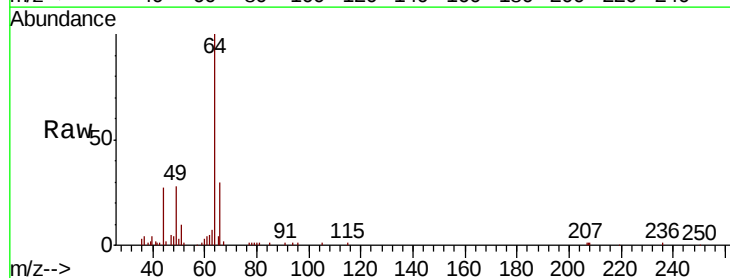
Acq: 21 Sep 2018 12:14

Tgt Ion: 64 Resp: 29733

Ion Ratio Lower Upper

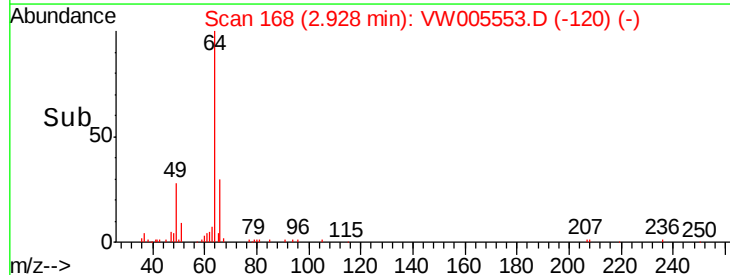
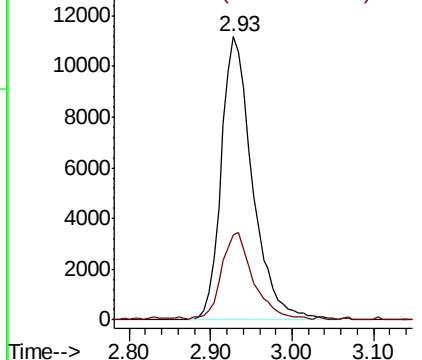
64 100

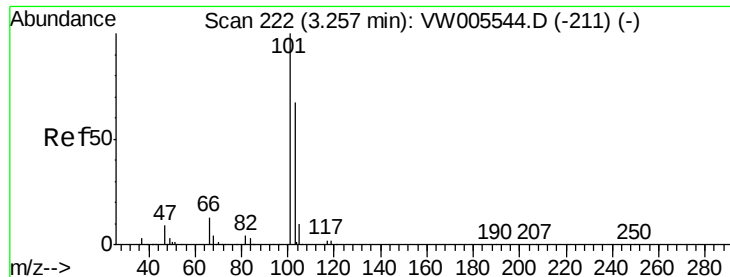
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

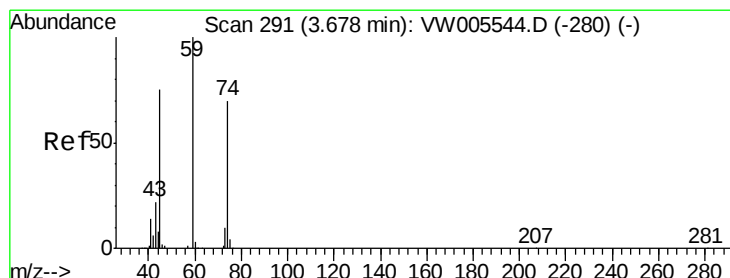
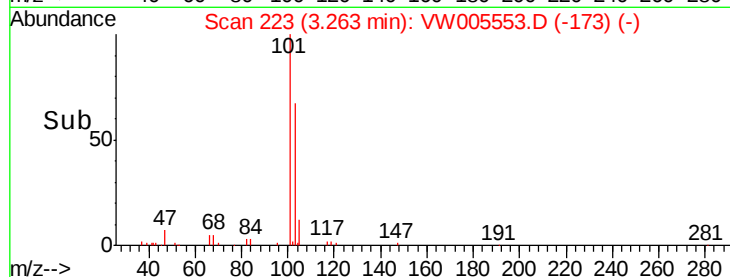
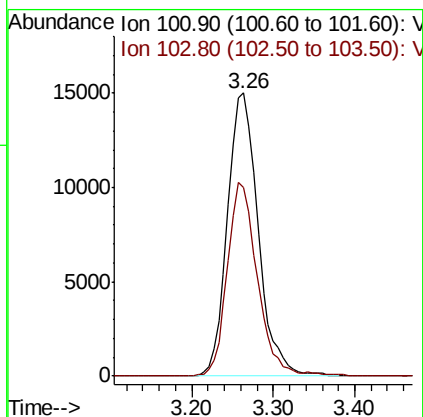
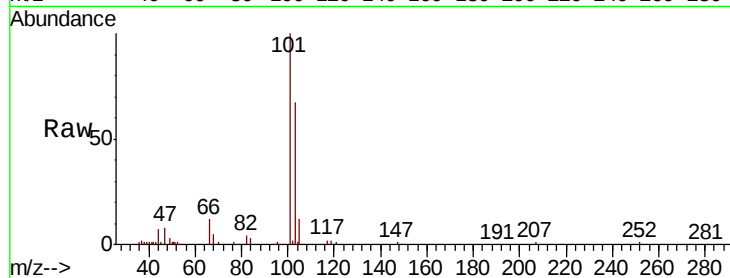
Trichlorofluoromethane
Concen: 21.817 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
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VW0922SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		39103		
103	66.5	53.2	79.8		

Manual Integrations
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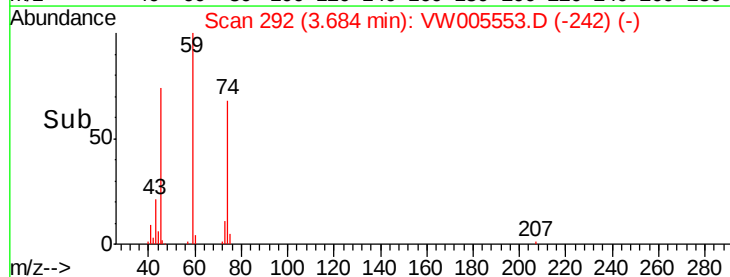
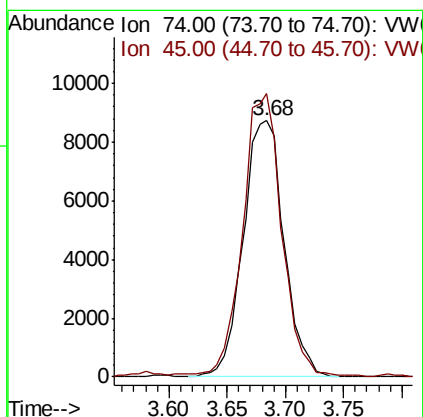
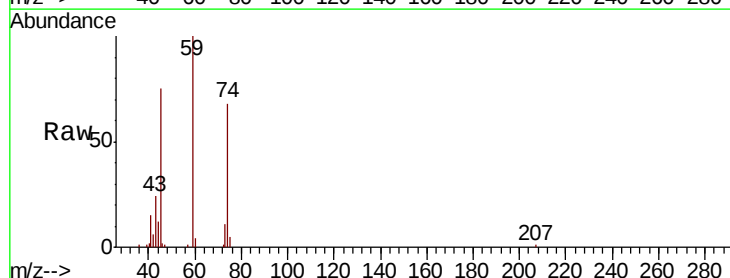
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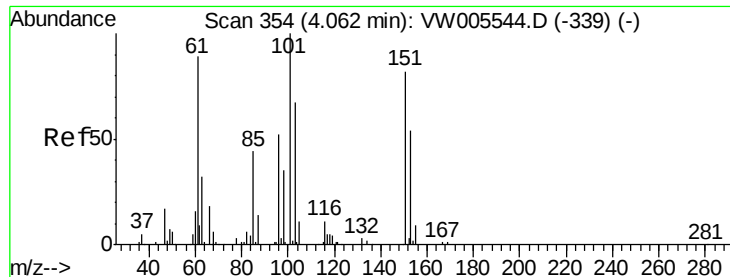


#8

Diethyl Ether
Concen: 18.214 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		21325		
45	106.8	51.7	155.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.268 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

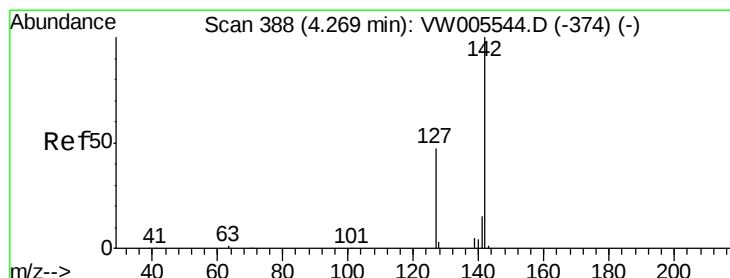
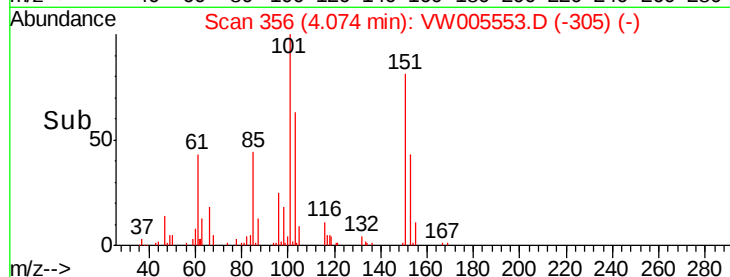
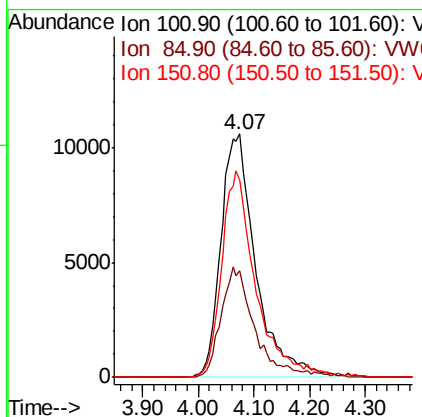
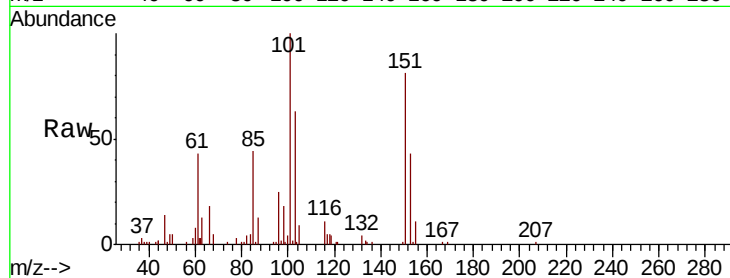
ClientSampleId :

VW0922SBSD01

Tot Ion:	101	Resp:	45983
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.4	54.6
151	82.6	65.8	98.6

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#10

Methyl Iodide

Concen: 19.671 ug/l

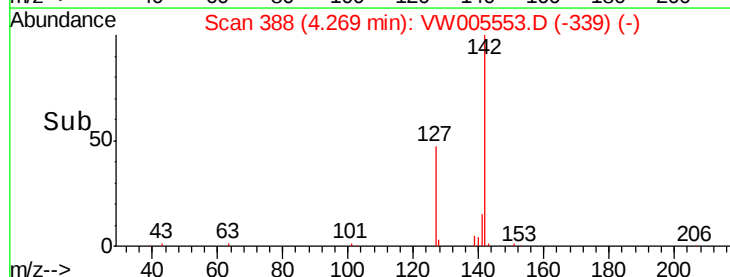
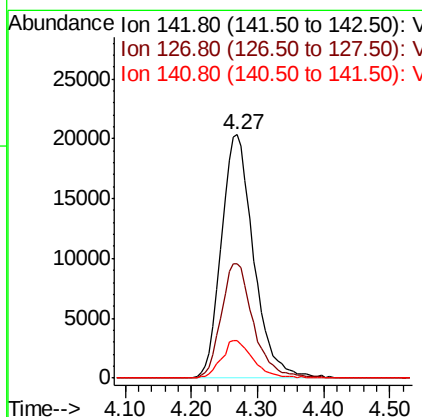
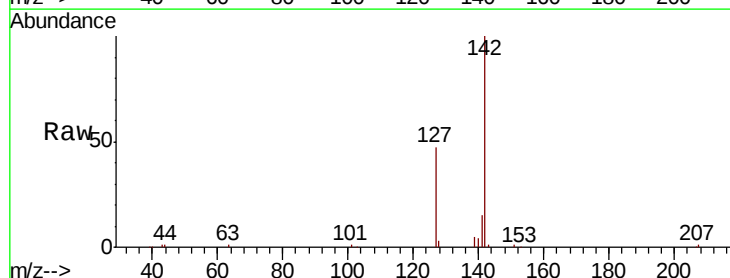
RT: 4.27 min Scan# 388

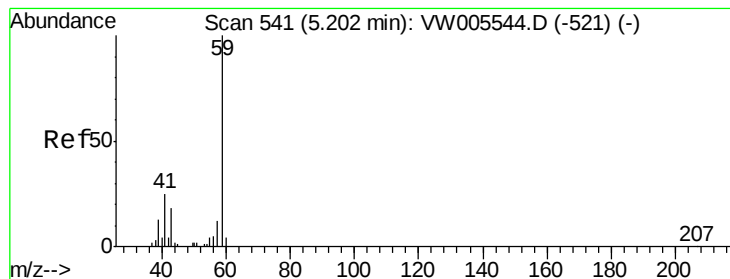
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	142	Resp:	68636
Ion Ratio	Lower	Upper	
142	100		
127	46.8	37.4	56.0
141	15.3	11.9	17.9





#11

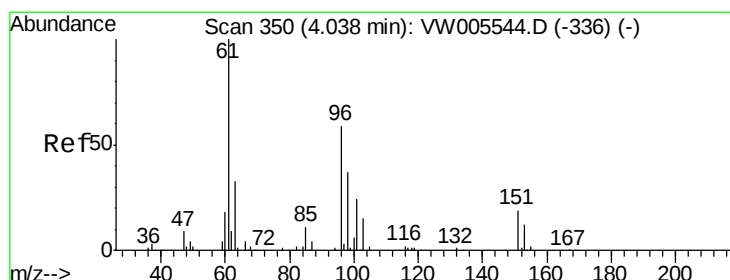
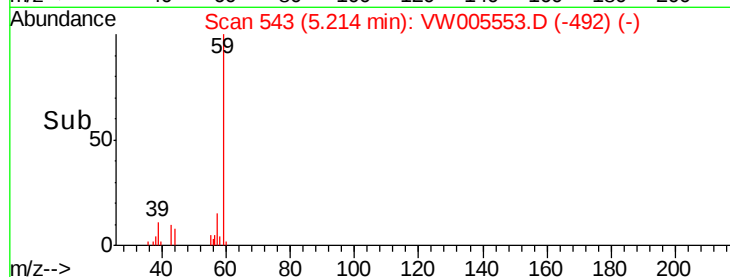
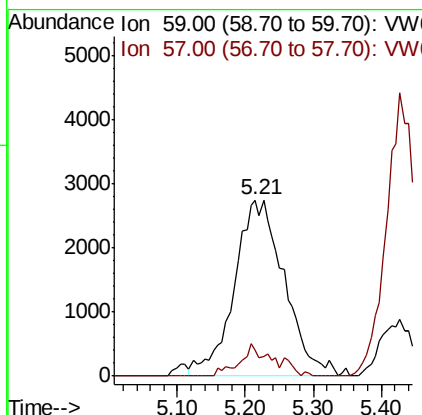
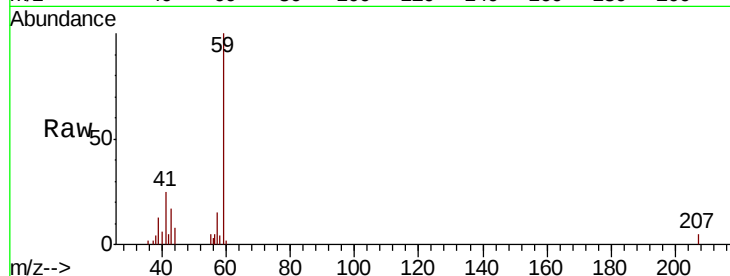
Tert butvl alcohol
Concen: 95.498 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	59	57	Ratio	100	10.1	Resp	Lower	Upper
14066							8.3	12.5

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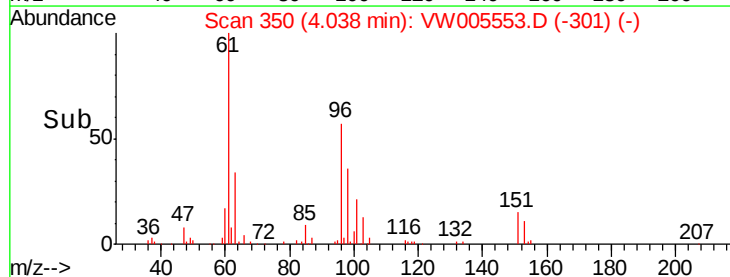
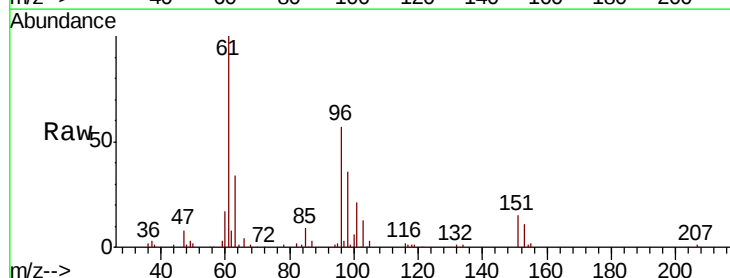
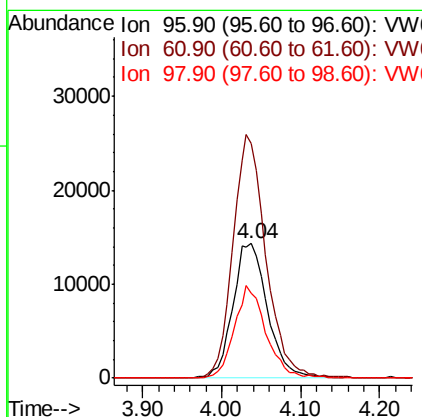
apatel
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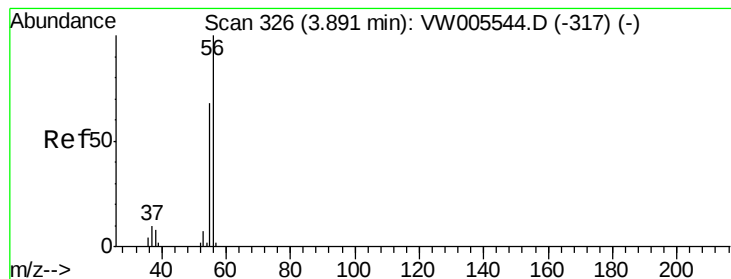


#12

1,1-Dichloroethene
Concen: 20.155 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	96	61	98	Ratio	100	174.6	63.1	Resp	Lower	Upper
43778									135.0	202.6





#13

Acrolein

Concen: 106.611 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion: 56 Resp: 11437

Ion Ratio Lower Upper

56 100

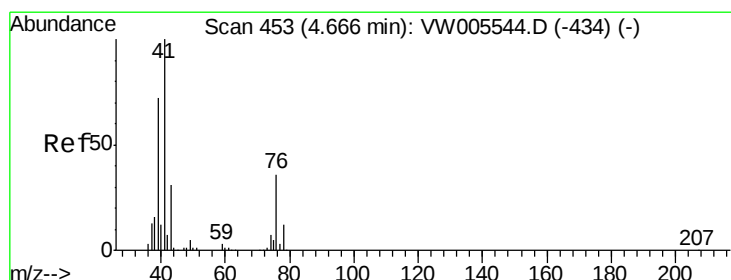
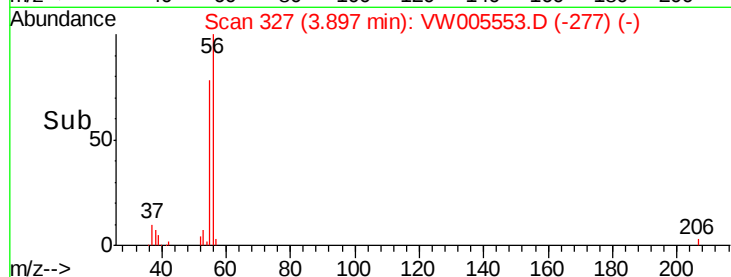
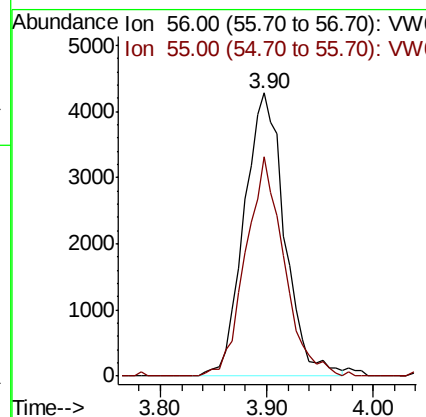
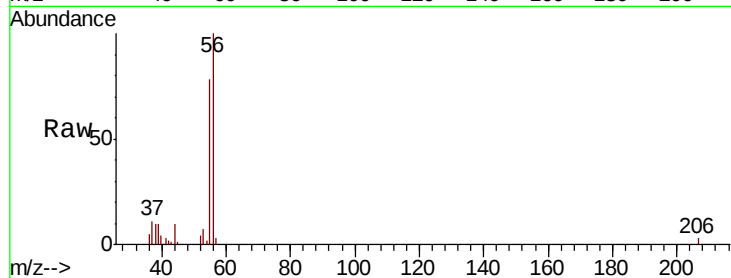
55 73.6 57.8 86.8

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#14

Allyl chloride

Concen: 19.512 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

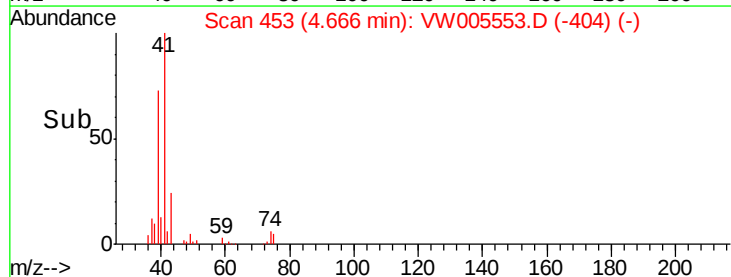
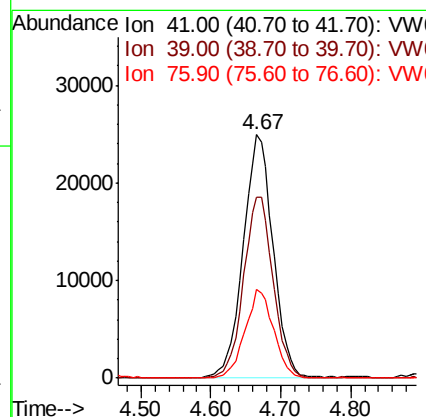
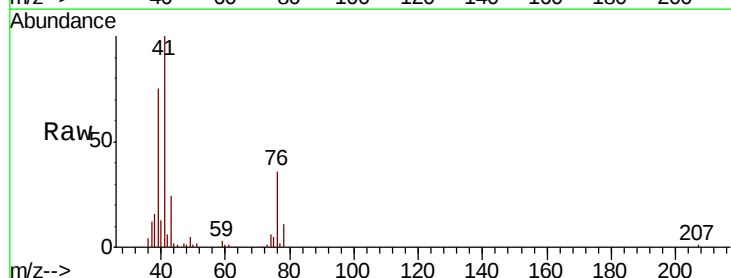
Tgt Ion: 41 Resp: 73964

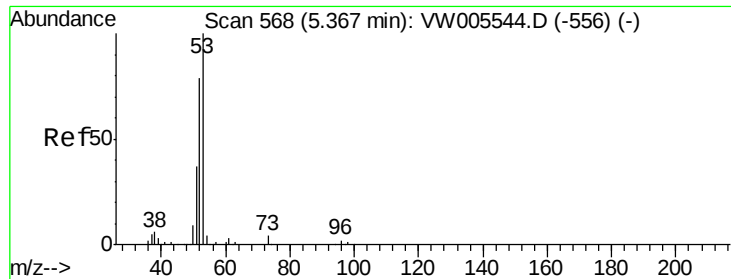
Ion Ratio Lower Upper

41 100

39 73.6 59.6 89.4

76 34.7 27.7 41.5





#15

Acrylonitrile

Concen: 85.274 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

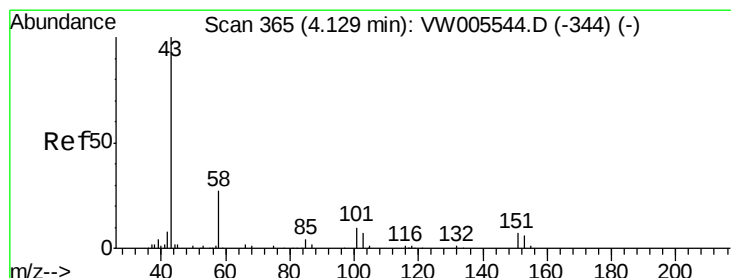
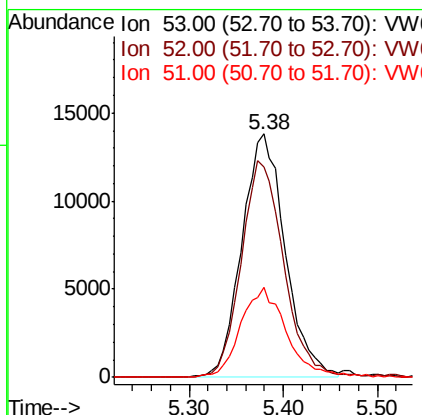
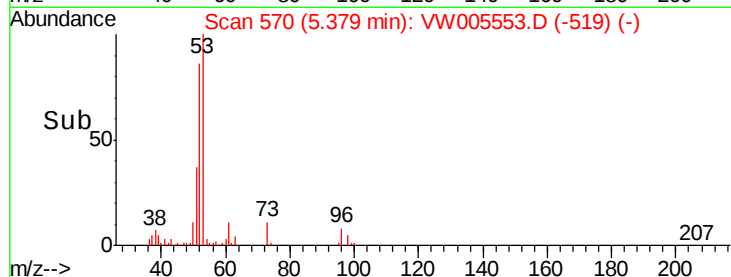
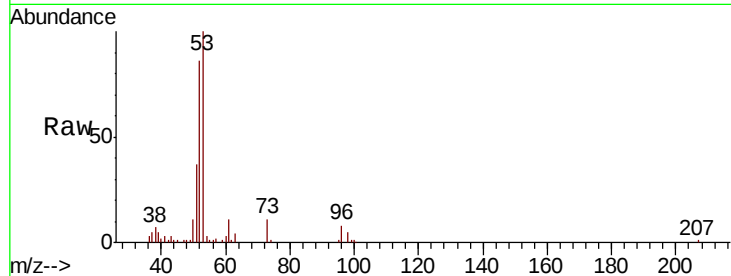
ClientSampleId :

VW0922SBS01

Tot Ion:	53	Resp:	44327
Ion Ratio	Lower	Upper	
53	100		
52	86.7	66.5	99.7
51	39.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 105.181 ug/l

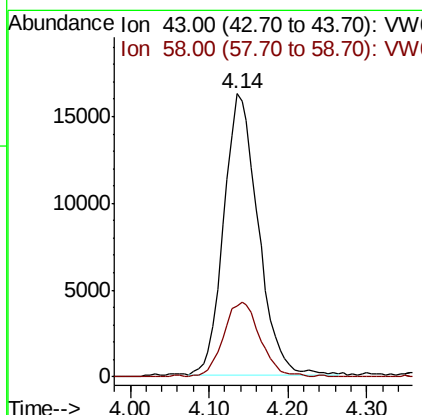
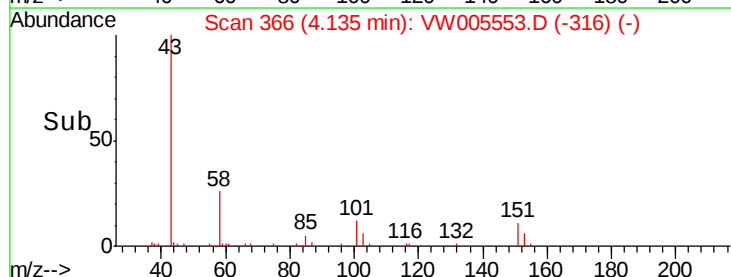
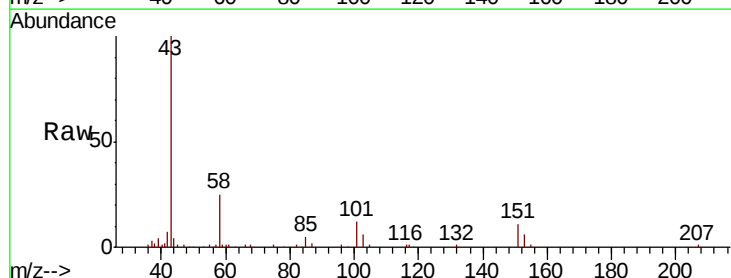
RT: 4.14 min Scan# 366

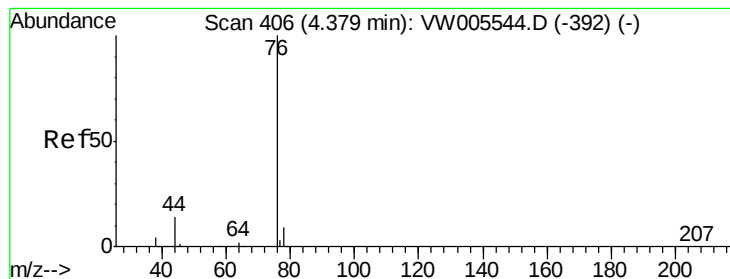
Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	43	Resp:	48872
Ion Ratio	Lower	Upper	
43	100		
58	25.4	21.8	32.8





#17

Carbon Disulfide

Concen: 20.322 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion: 76 Resp: 137917

Ion Ratio Lower Upper

76 100

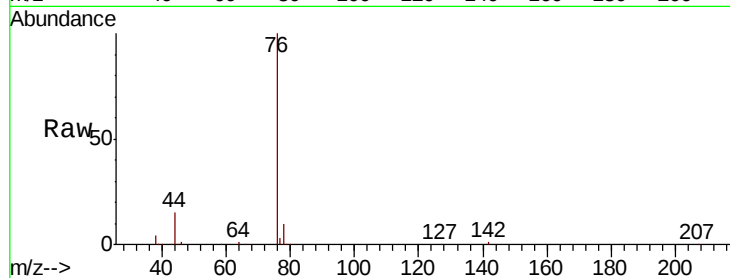
78 10.0 7.4 11.0

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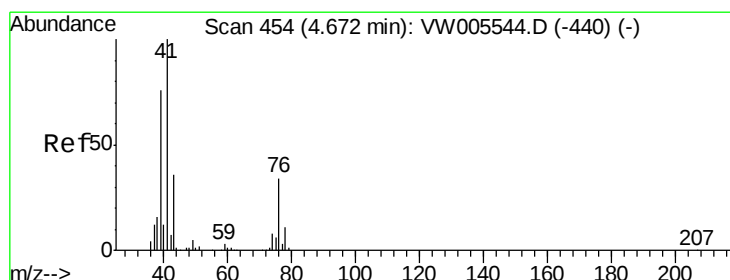
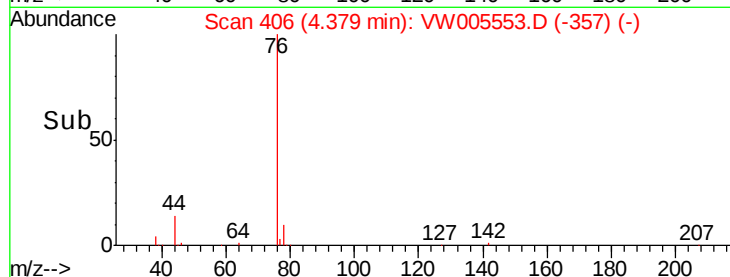
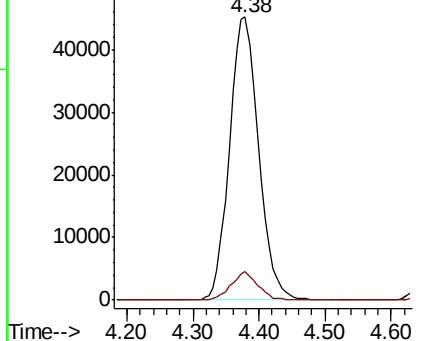
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.103 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005553.D

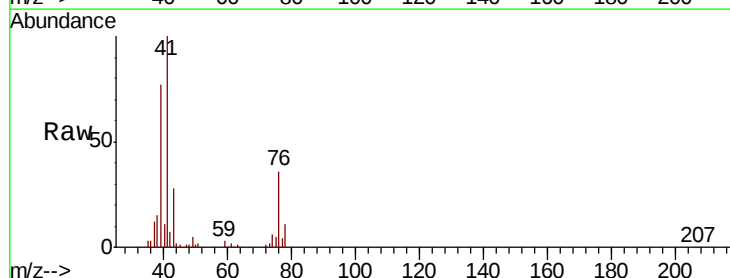
Acq: 21 Sep 2018 12:14

Tgt Ion: 43 Resp: 21443

Ion Ratio Lower Upper

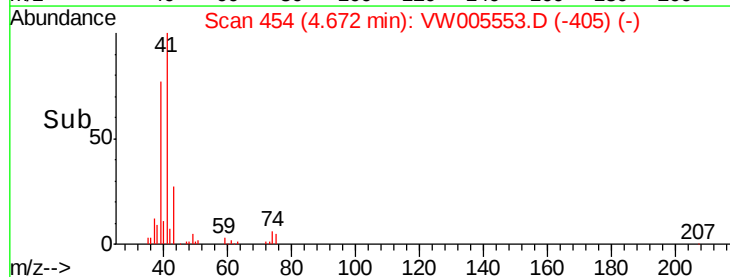
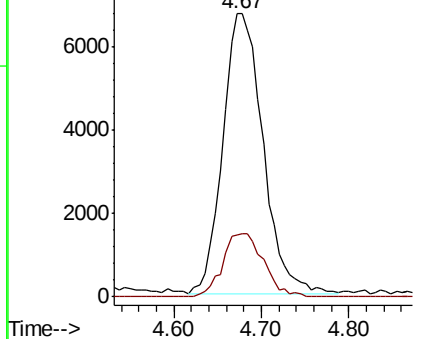
43 100

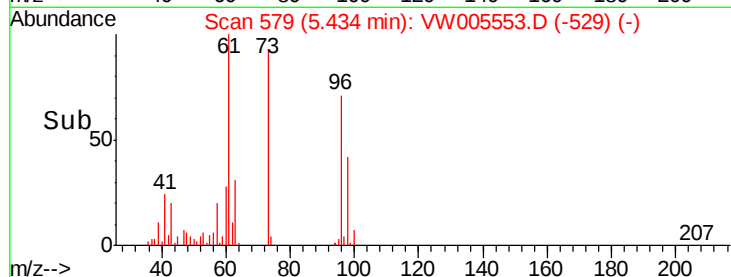
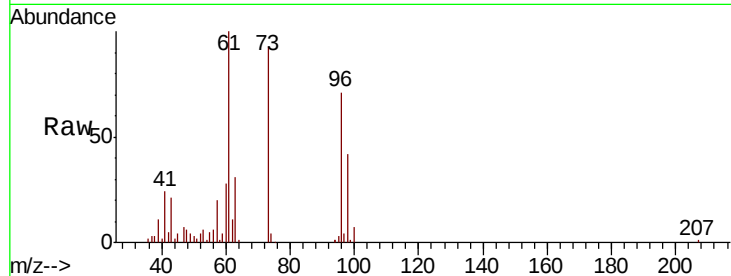
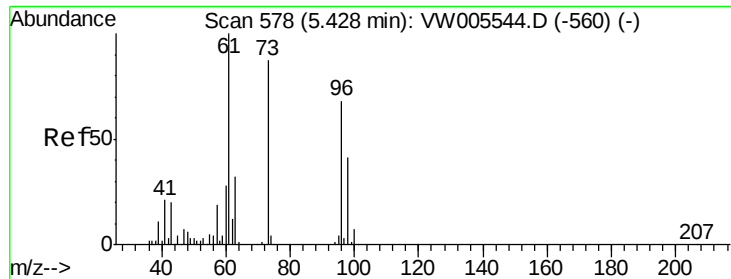
74 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





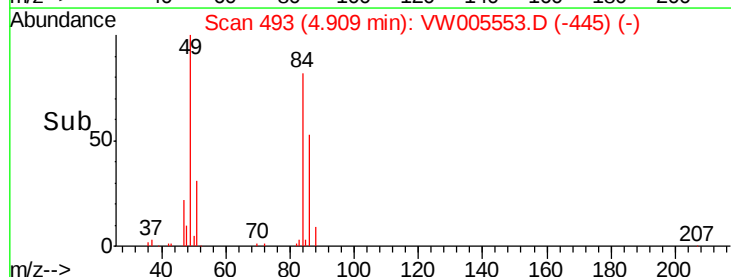
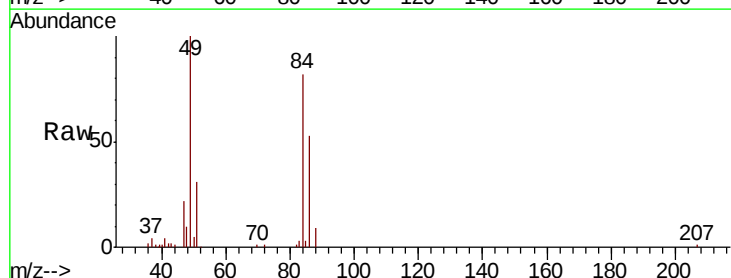
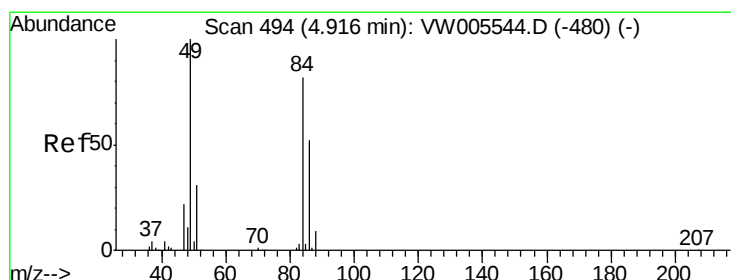
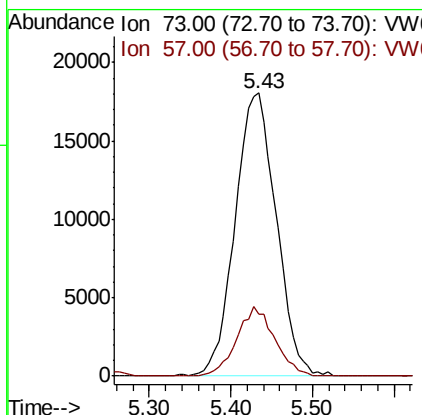
#19
Methvl tert-butvl Ether
Concen: 18.832 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tot Ion	73	Resp	63137
Ion Ratio	Lower	Upper	
73	100		
57	21.8	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

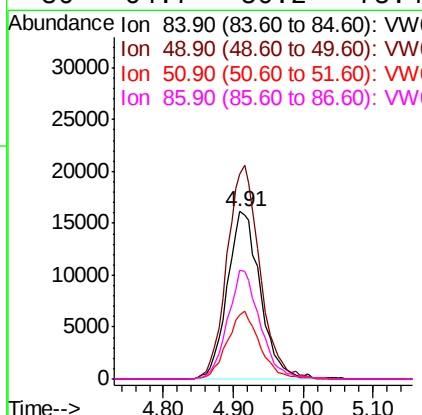
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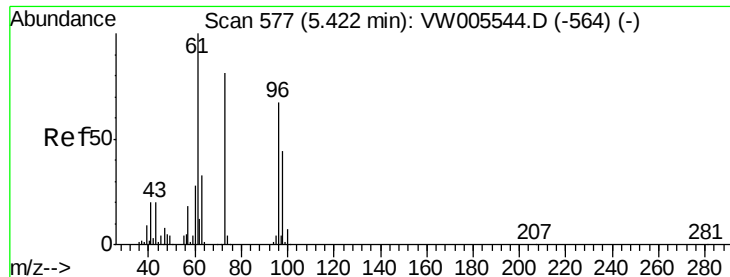
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#20
Methylene Chloride
Concen: 19.968 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	84	Resp	53067
Ion Ratio	Lower	Upper	
84	100		
49	121.9	97.0	145.6
51	37.9	30.2	45.2
86	64.7	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 19.400 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

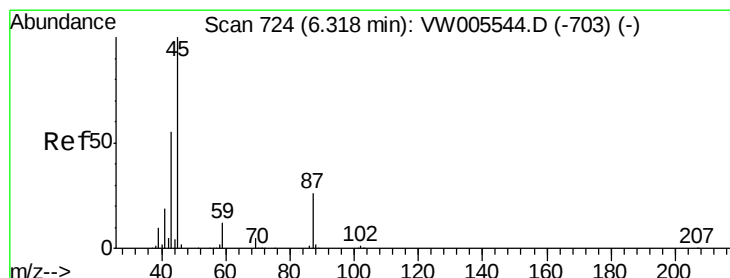
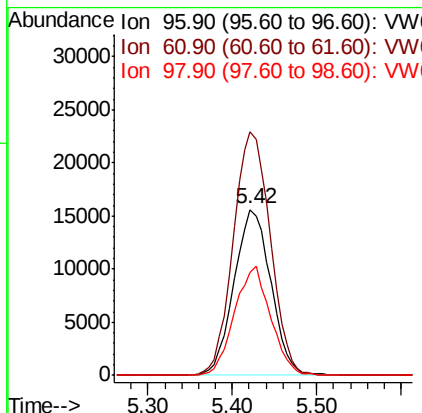
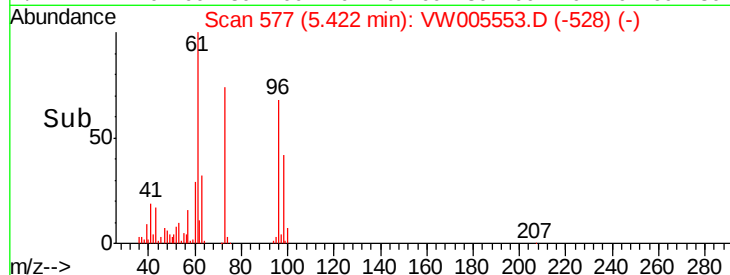
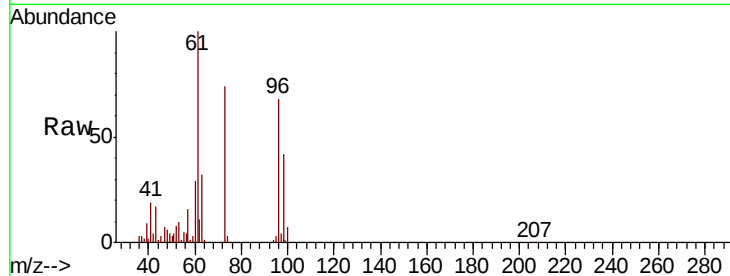
ClientSampleId :

VW0922SBS01

Tot Ion:	96	Resp:	46153
Ion Ratio	Lower	Upper	
96	100		
61	147.1	118.9	178.3
98	62.3	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.325 ug/l

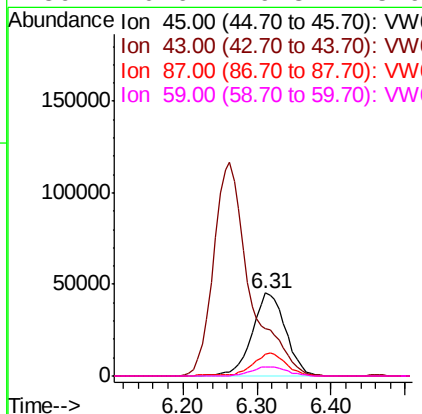
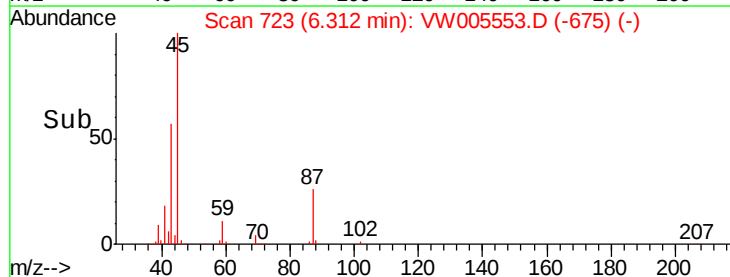
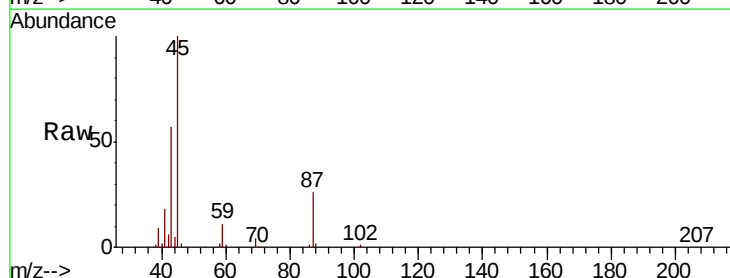
RT: 6.31 min Scan# 723

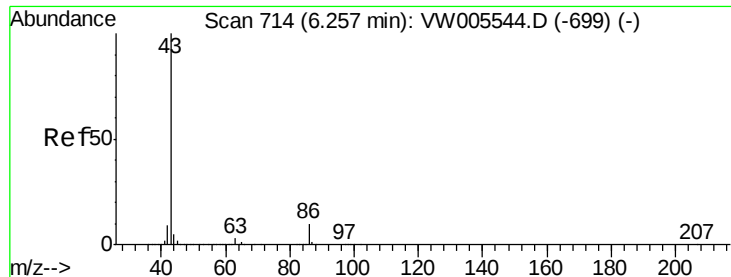
Delta R.T. -0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	45	Resp:	142204
Ion Ratio	Lower	Upper	
45	100		
43	56.4	44.2	66.4
87	26.1	21.4	32.2
59	10.6	9.3	13.9





#23

Vinyl Acetate

Concen: 93.338 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleID :

VW0922SBSD01

Tot Ion: 43 Resp: 392574

Ion Ratio Lower Upper

43 100

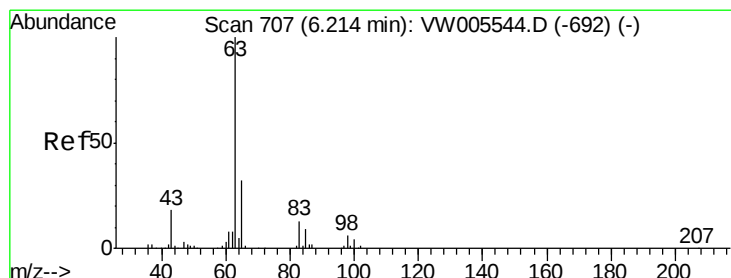
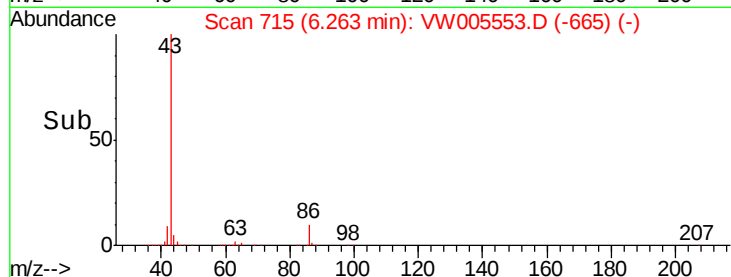
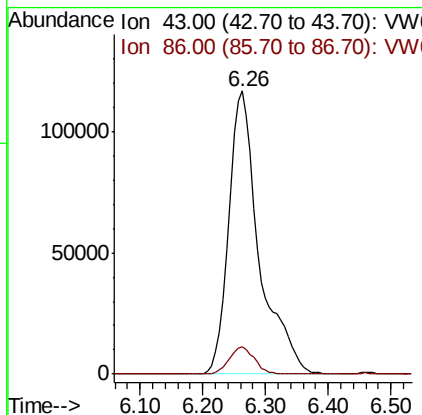
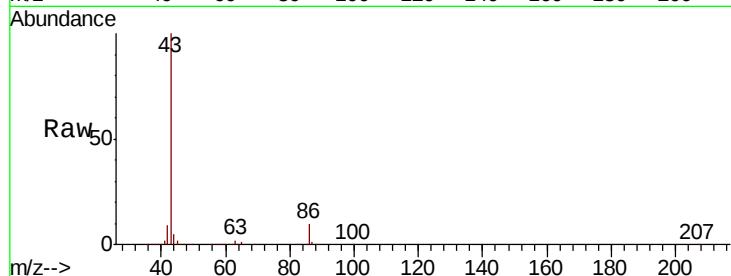
86 9.6 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 19.170 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

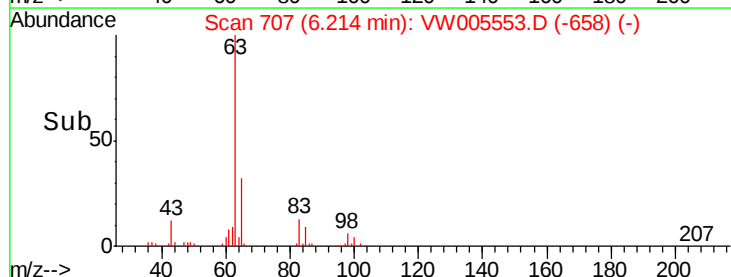
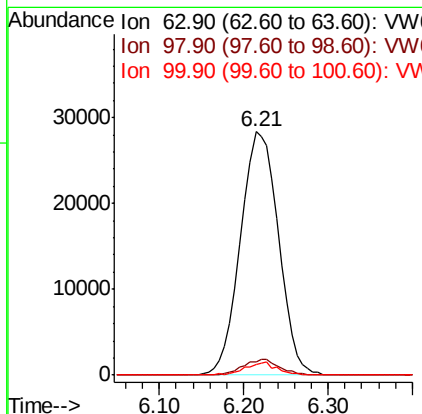
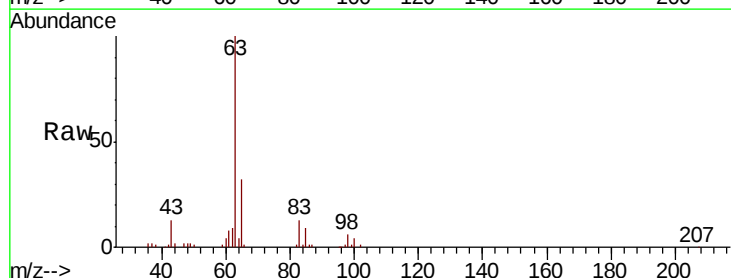
Tgt Ion: 63 Resp: 87155

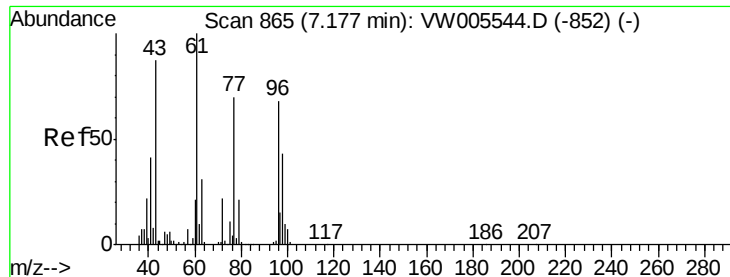
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 87.386 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion: 43 Resp: 59631

Ion Ratio Lower Upper

43 100

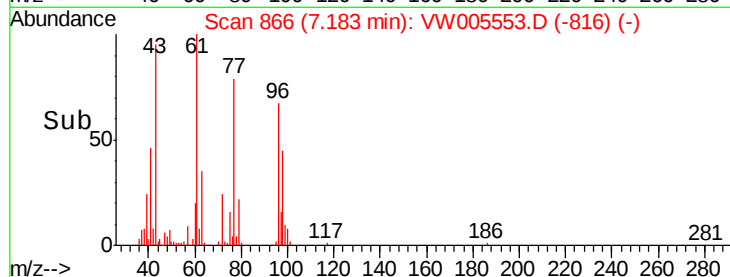
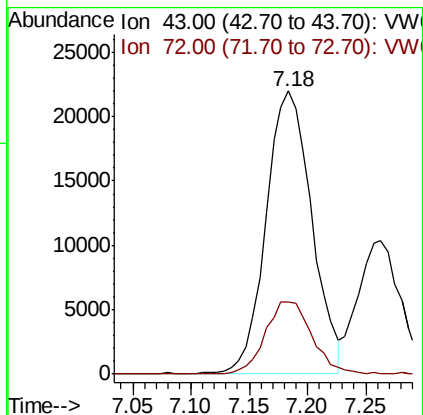
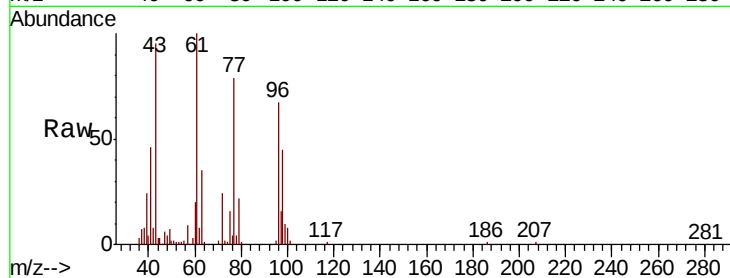
72 25.4 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.010 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005553.D

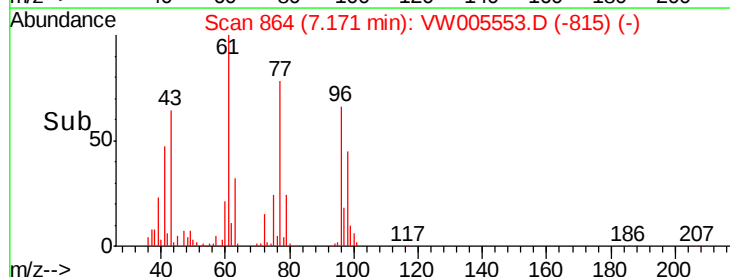
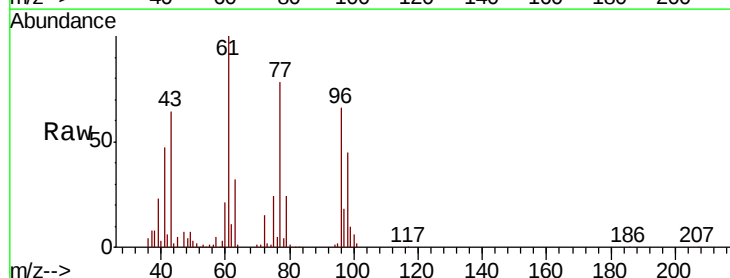
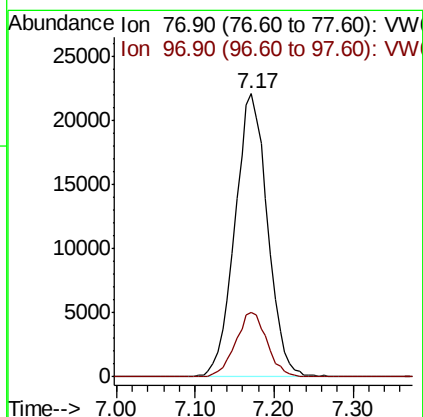
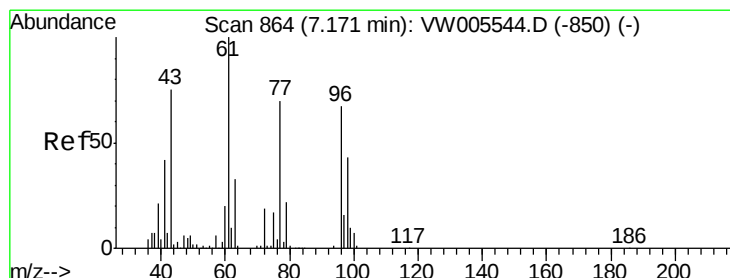
Acq: 21 Sep 2018 12:14

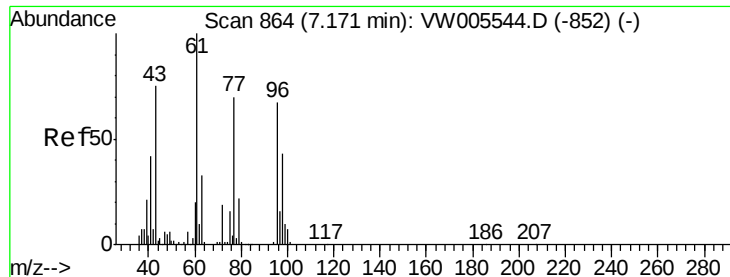
Tgt Ion: 77 Resp: 63511

Ion Ratio Lower Upper

77 100

97 21.9 11.0 33.0





#27

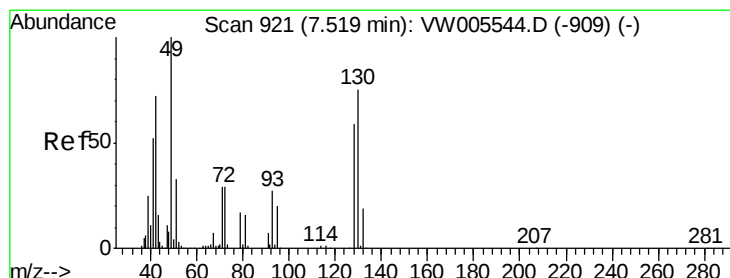
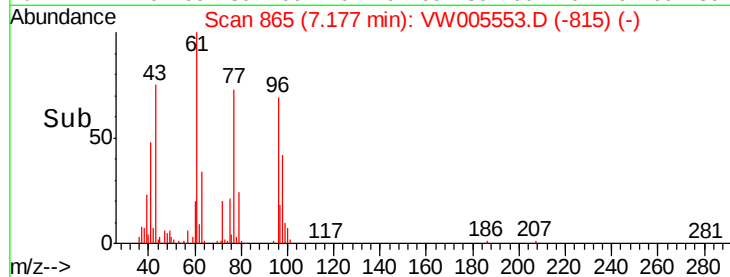
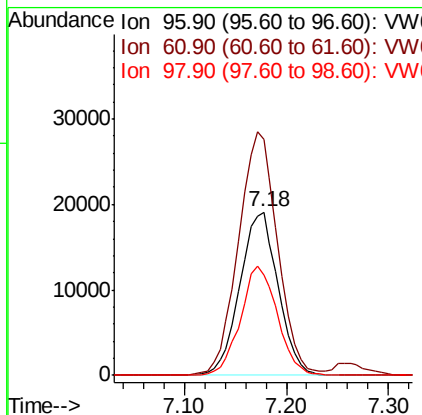
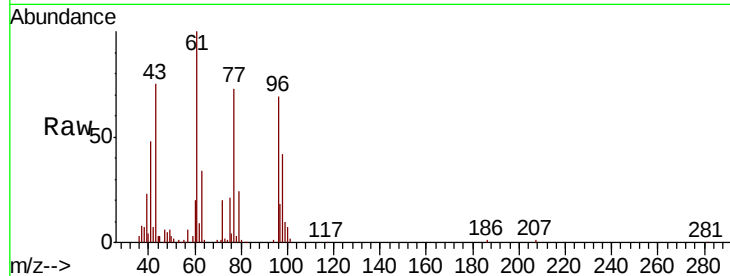
cis-1,2-Dichloroethene
Concen: 18.929 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	303.4
98	64.6	0.0	127.2

Manual Integrations
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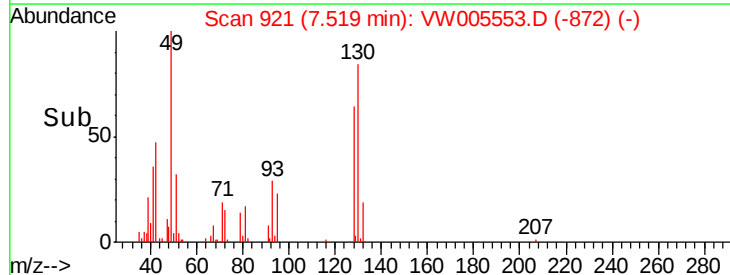
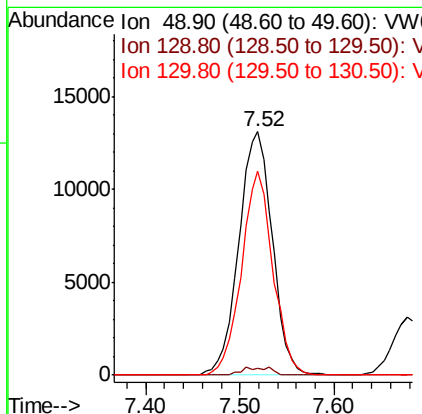
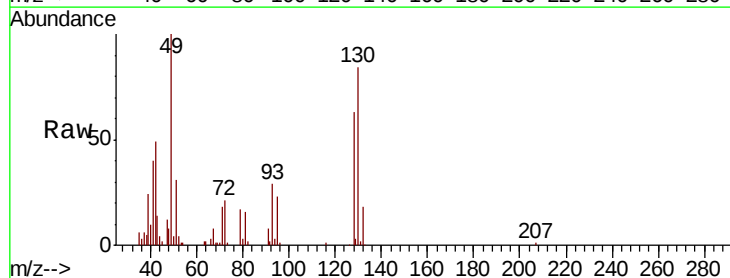
apatel
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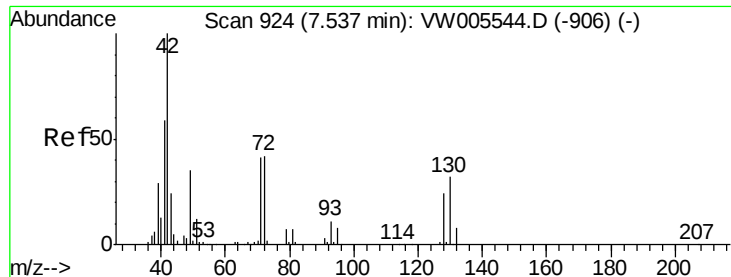


#28

Bromochloromethane
Concen: 18.104 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	1.4#
130	78.5	61.3	91.9





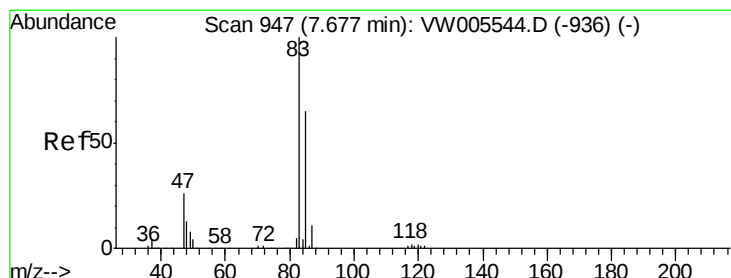
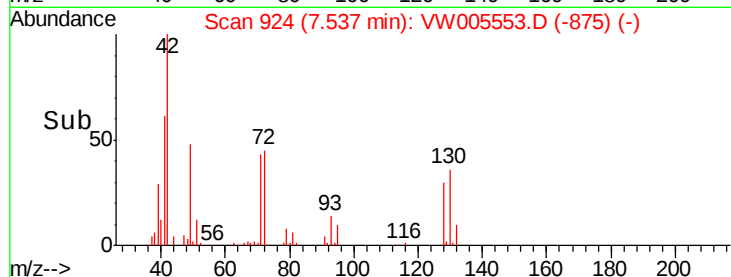
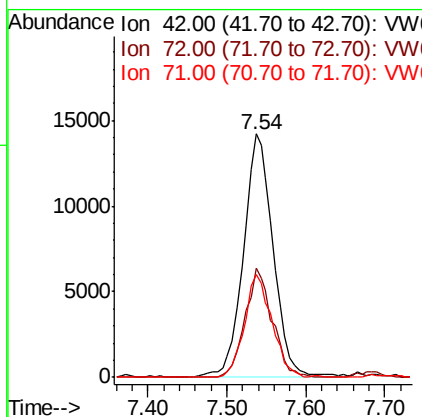
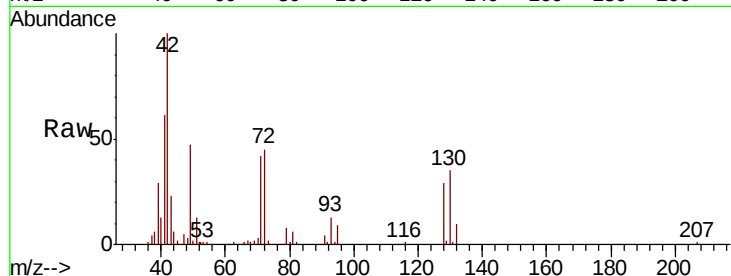
#29
Tetrahydrofuran
Concen: 87.169 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.6	50.4
71	39.0	31.8	47.6

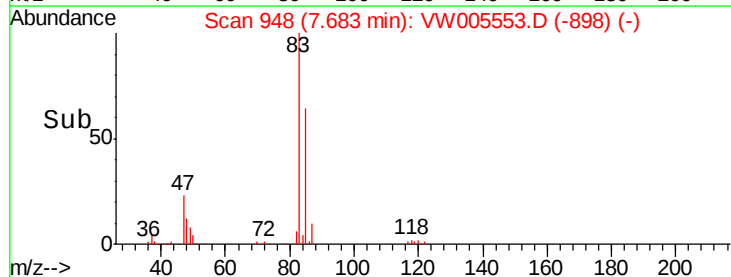
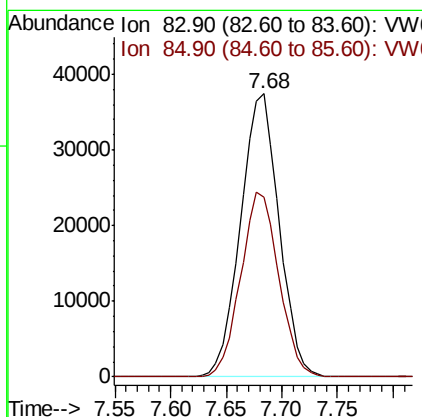
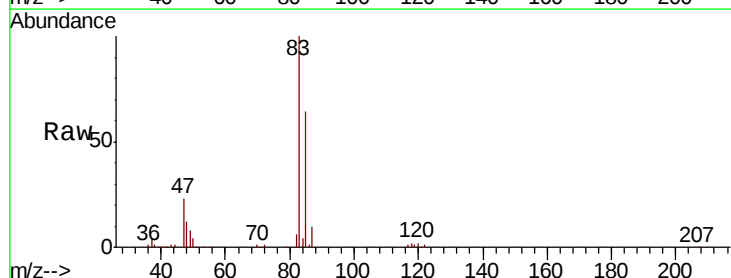
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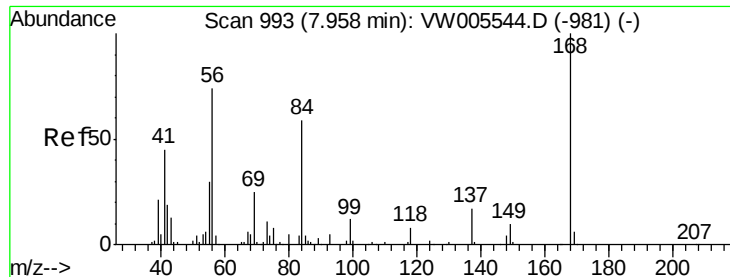
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#30
Chloroform
Concen: 19.180 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6





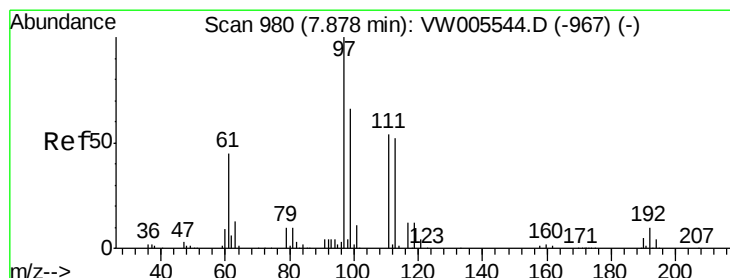
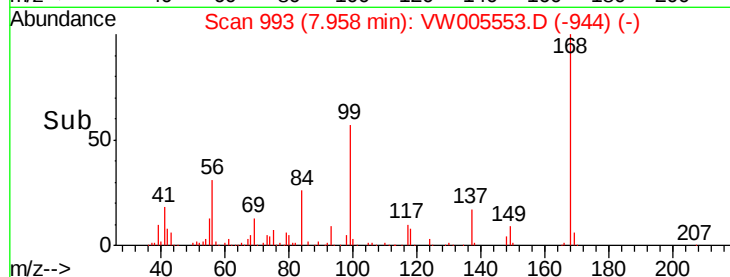
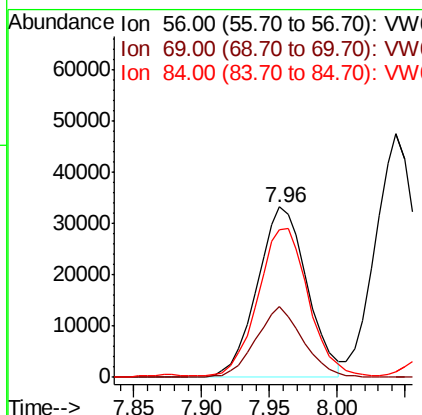
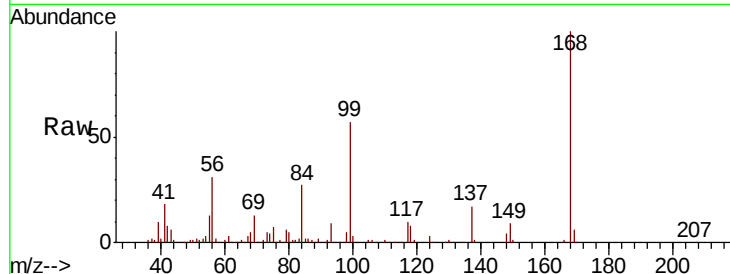
#31
Cyclohexane
Concen: 19.475 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.0	40.4#
84	85.5	64.2	96.4

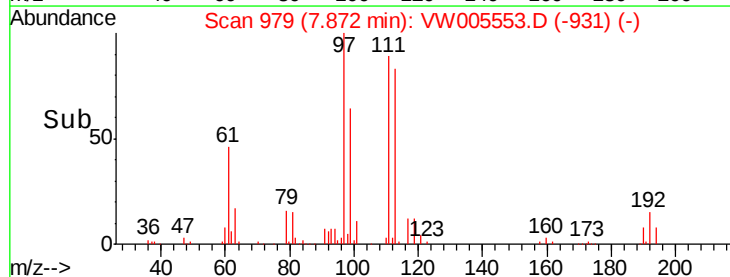
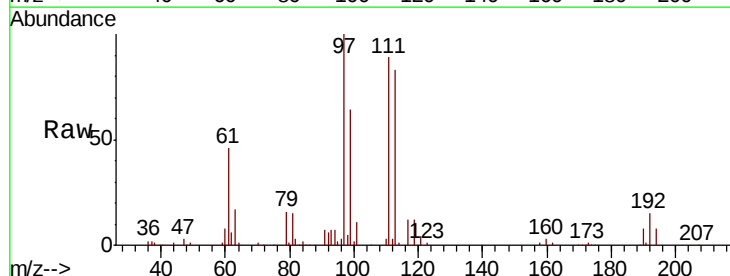
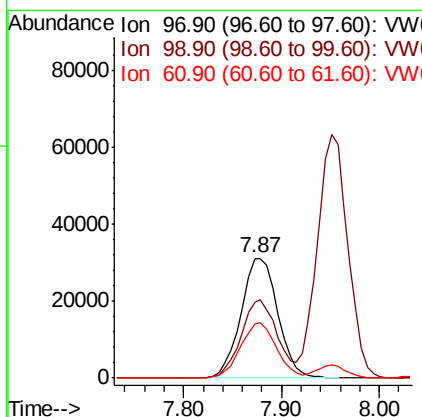
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#32
1,1,1-Trichloroethane
Concen: 19.605 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	45.0	36.2	54.2





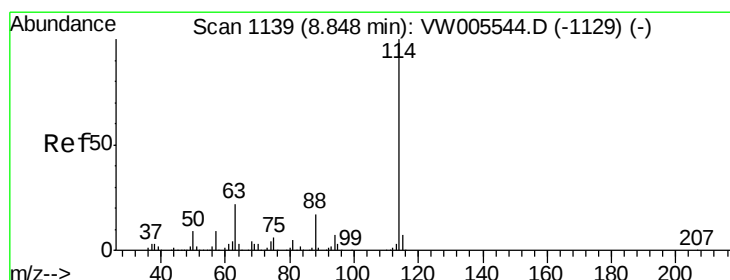
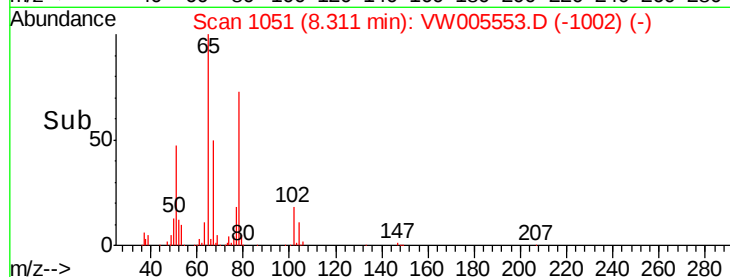
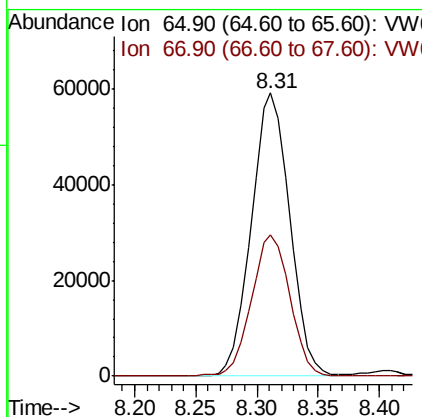
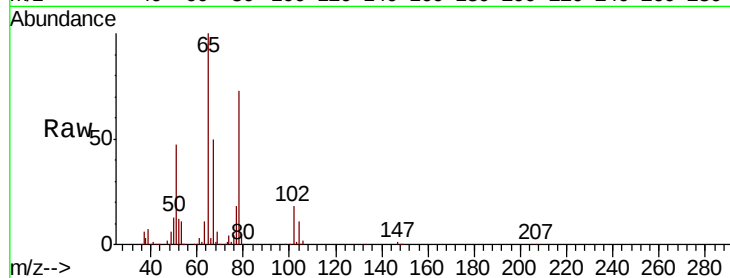
#33
 1,2-Dichloroethane-d4
 Concen: 46.057 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129401		
67	50.2	0.0	100.6	

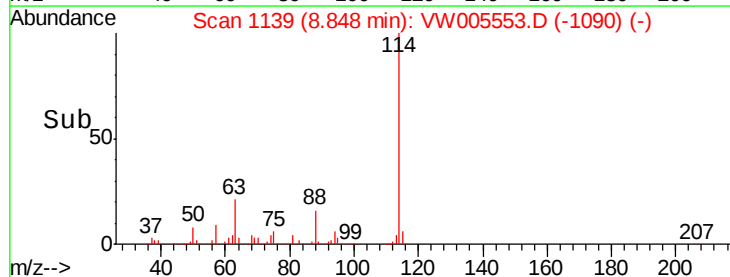
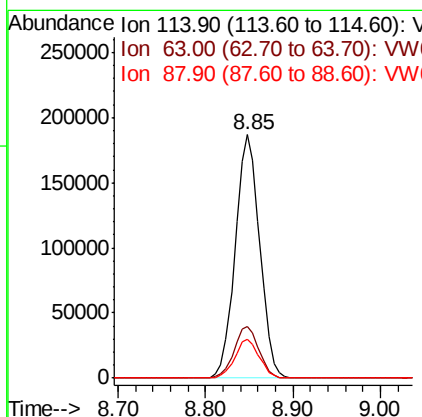
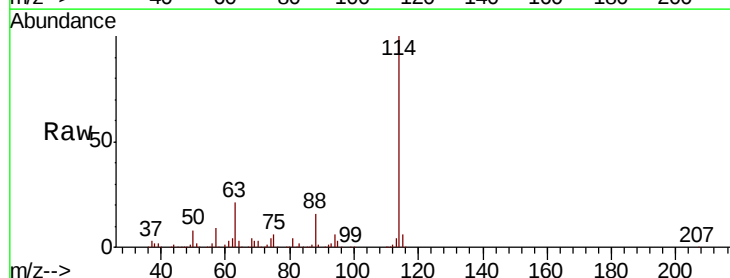
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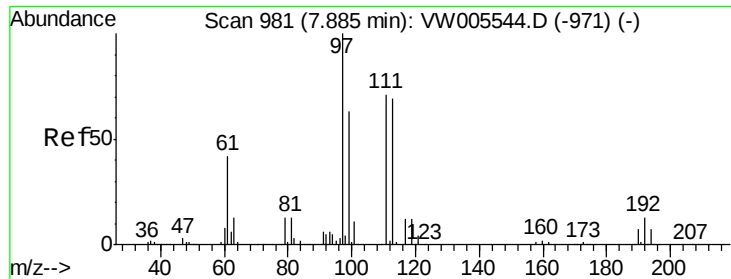
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	362117		
63	21.5	0.0	43.0	
88	15.9	0.0	33.0	





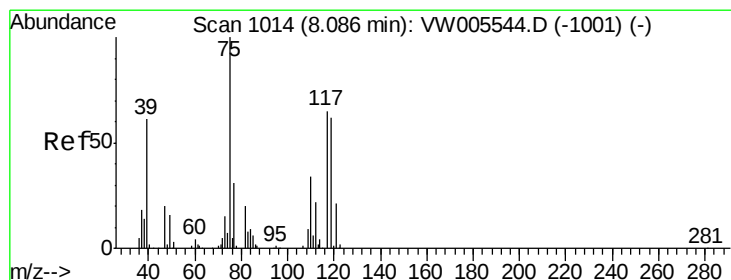
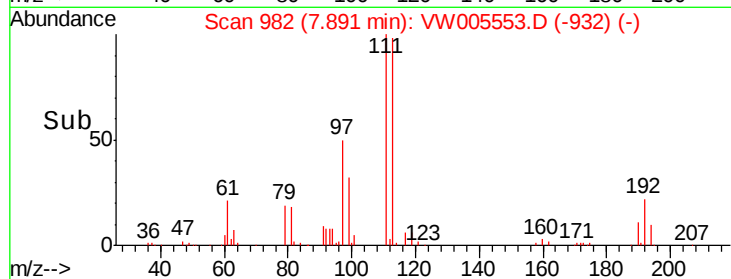
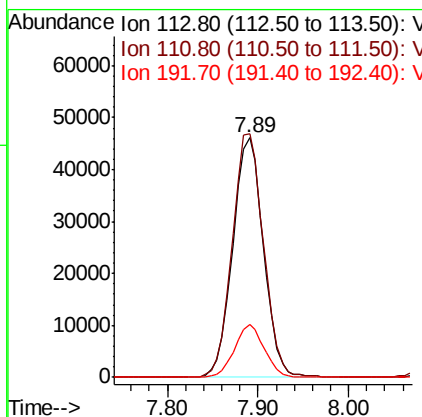
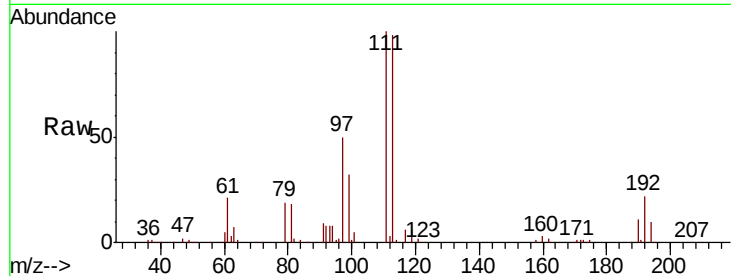
#35
 Dibromofluoromethane
 Concen: 47.624 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108451		
111	103.4	82.6	123.8	
192	21.2	17.0	25.4	

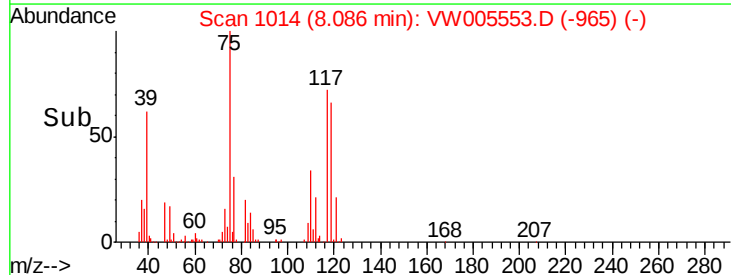
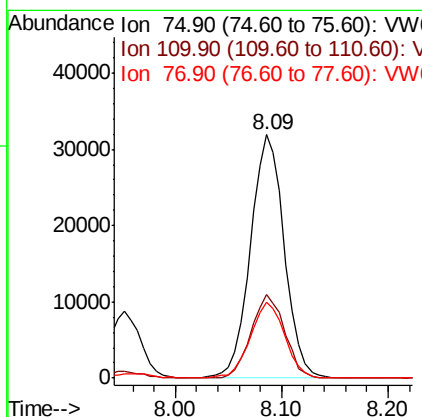
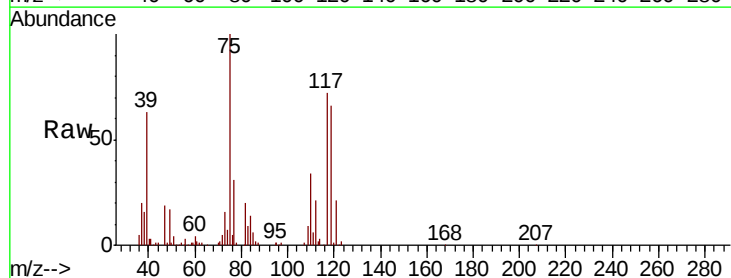
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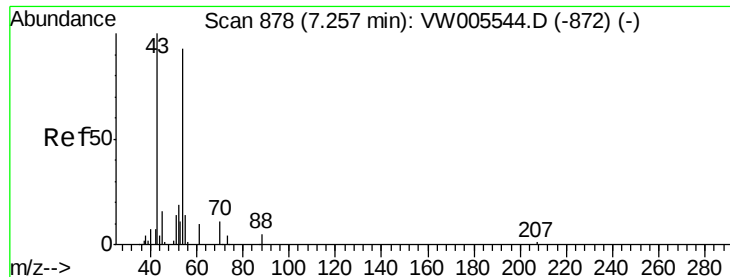
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#36
 1,1-Dichloropropene
 Concen: 19.461 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70941		
110	34.3	17.0	50.9	
77	31.8	24.8	37.2	





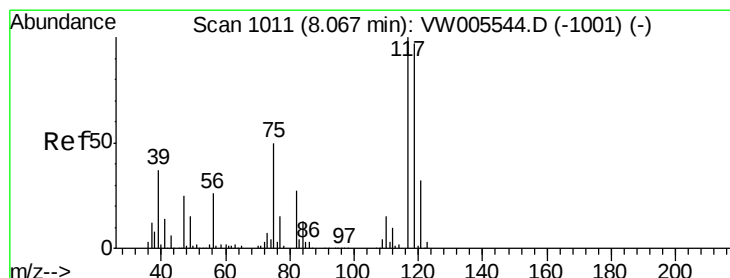
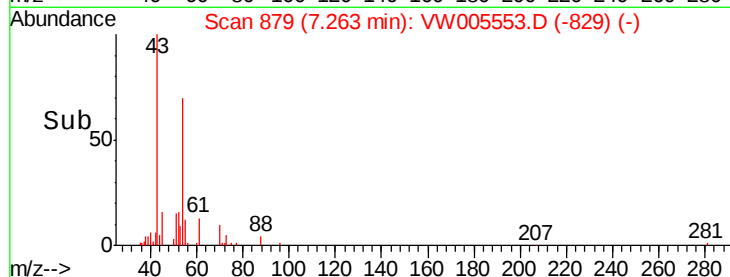
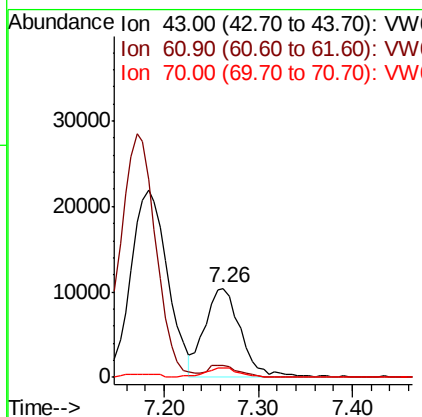
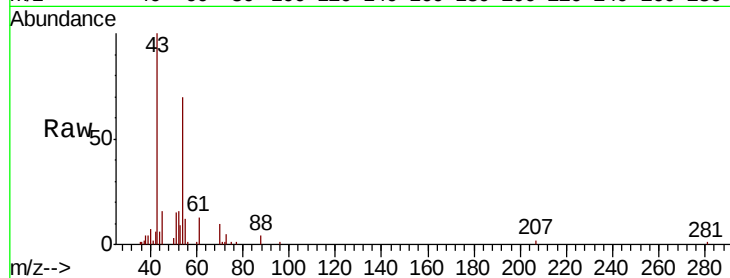
#37
Ethyl Acetate
Concen: 17.774 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion:	43	Resp:	27266
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	10.0	8.2	12.2

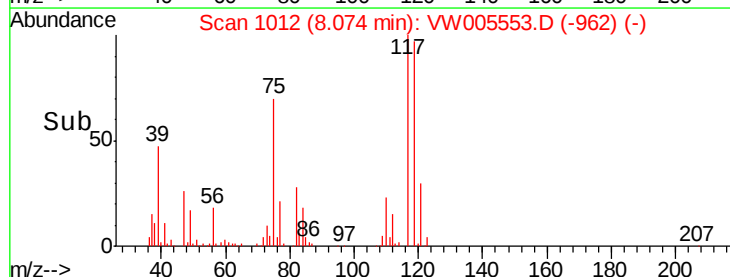
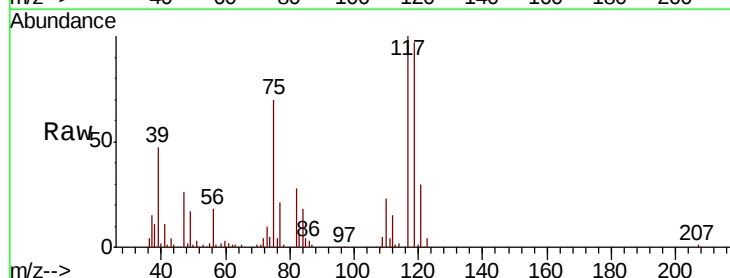
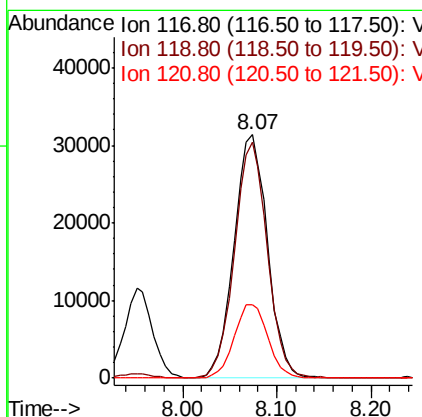
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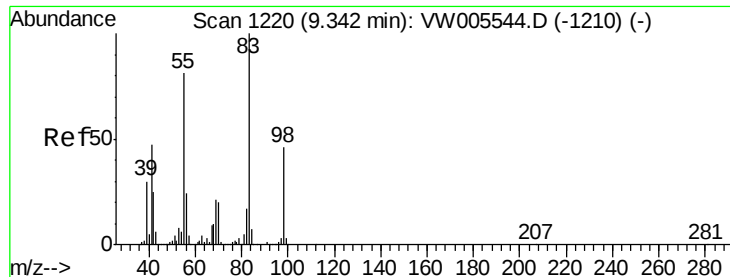
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#38
Carbon Tetrachloride
Concen: 19.914 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion:	117	Resp:	77789
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.6	116.4
121	30.4	25.7	38.5





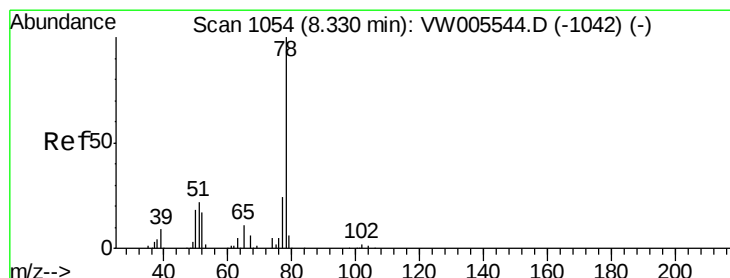
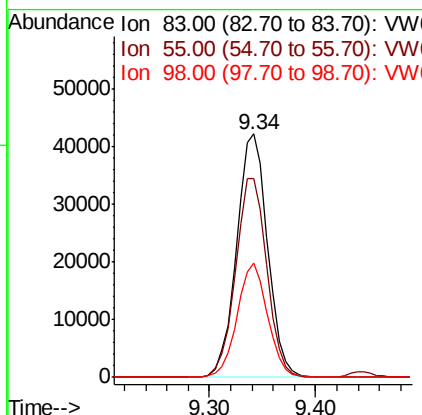
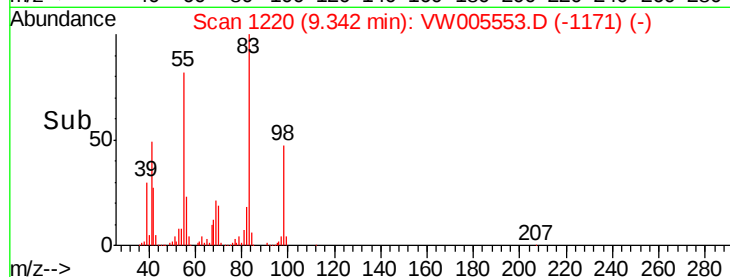
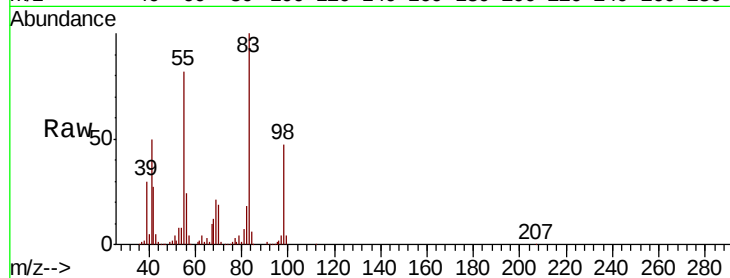
#39
Methvlcvclohexane
Concen: 20.067 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	64.6	97.0
98	47.2	37.0	55.6

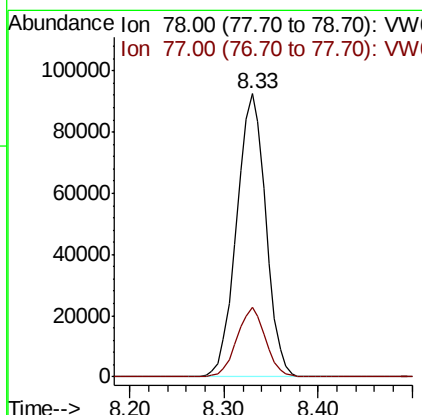
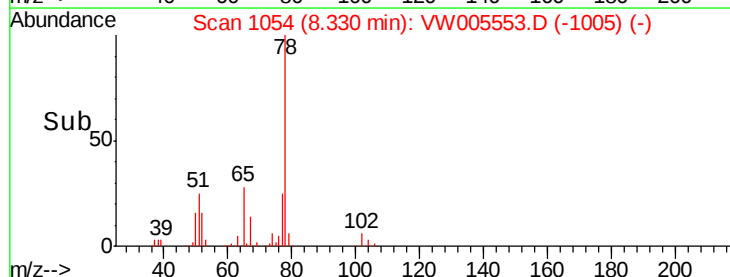
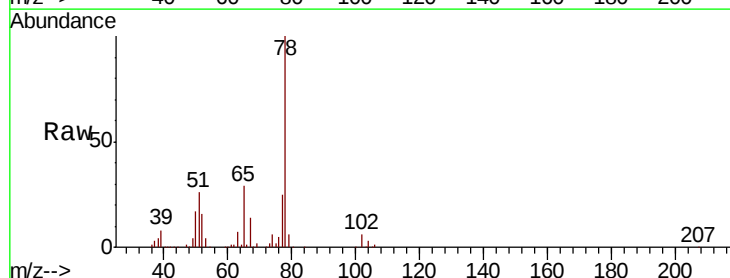
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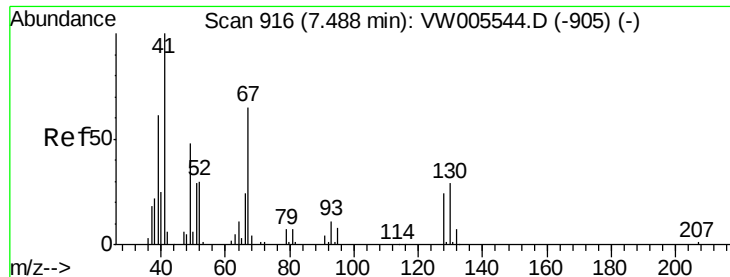
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#40
Benzene
Concen: 19.318 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





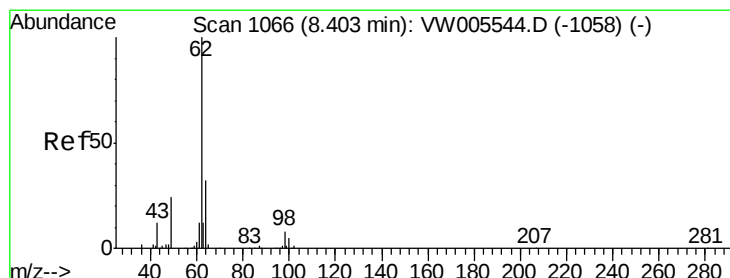
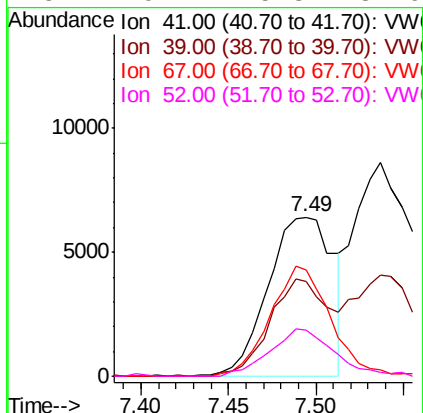
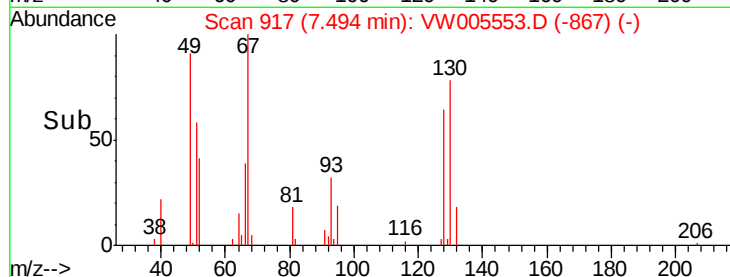
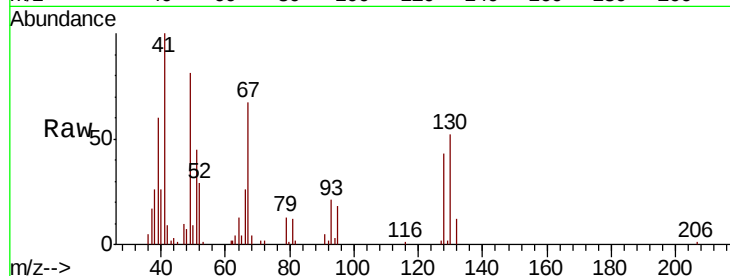
#41
Methacrylonitrile
Concen: 19.092 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.4	68.2
67	64.0	55.2	82.8
52	29.4	25.3	37.9

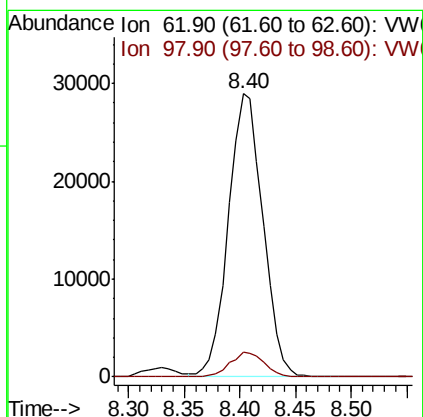
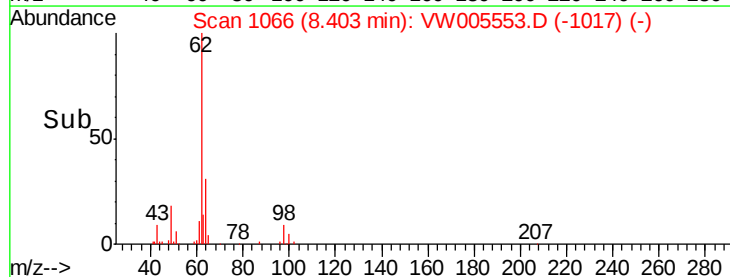
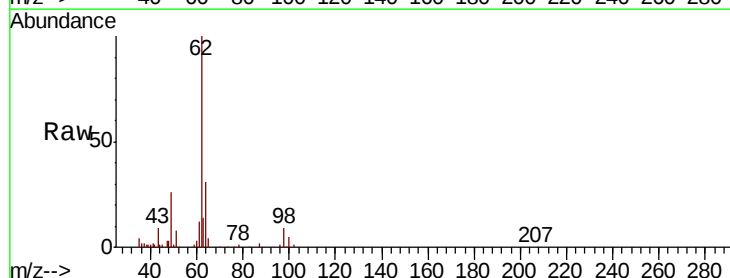
Manual Integrations
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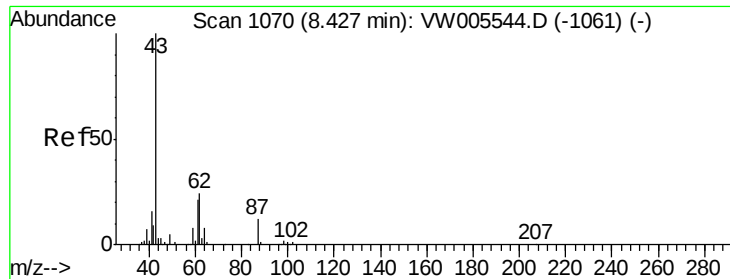
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#42
1,2-Dichloroethane
Concen: 18.822 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6





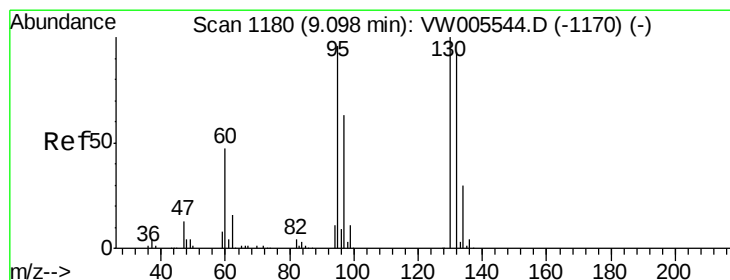
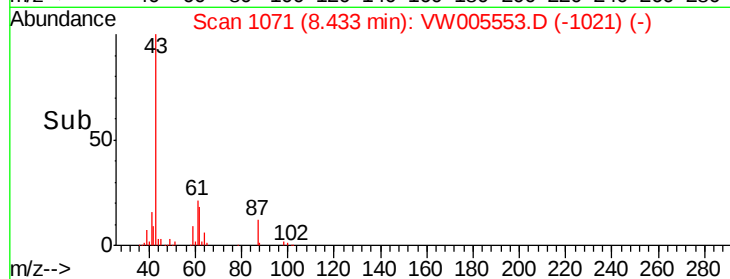
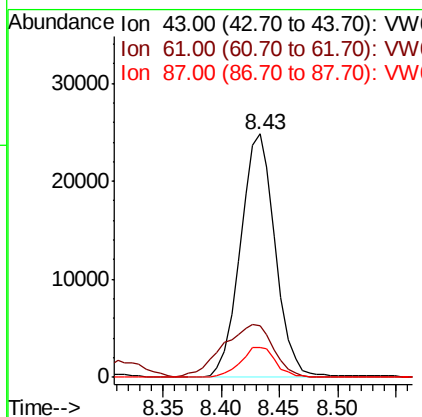
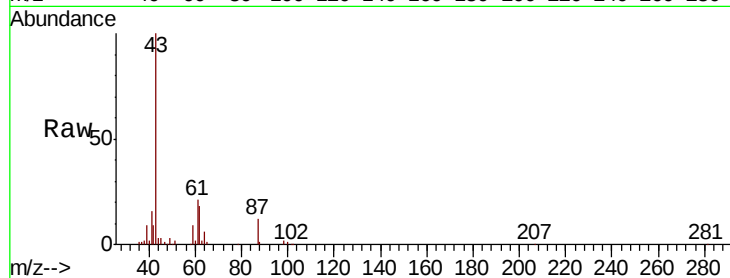
#43
Isopropyl Acetate
Concen: 17.116 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	24.1	36.1
87	12.6	9.8	14.8

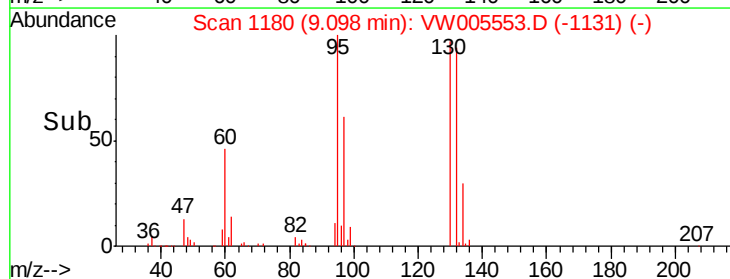
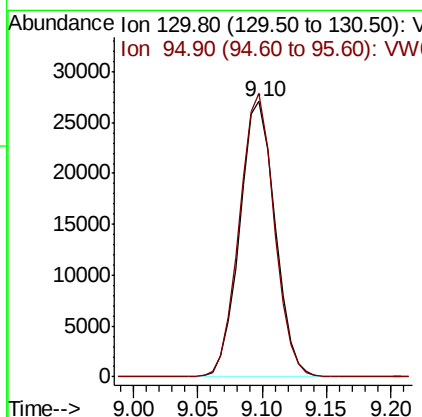
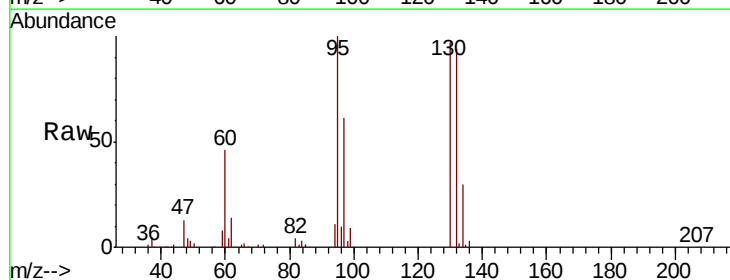
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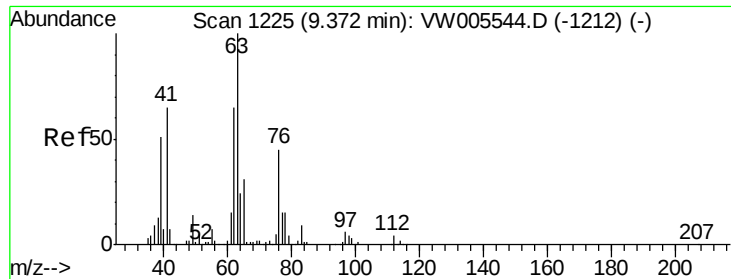
apatel
9/24/2018 11:32:12 AM



#44
Trichloroethene
Concen: 19.542 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.779 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VW0922SBSD01

Tot Ion: 63 Resp: 47717

Ion Ratio Lower Upper

63 100

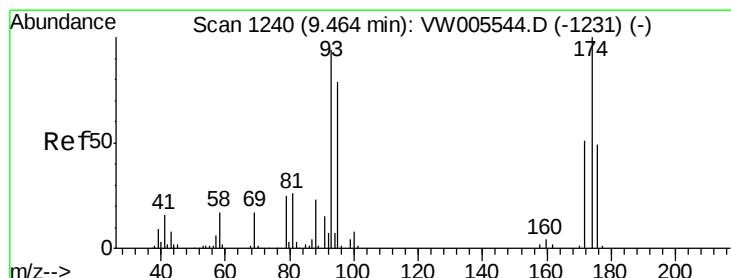
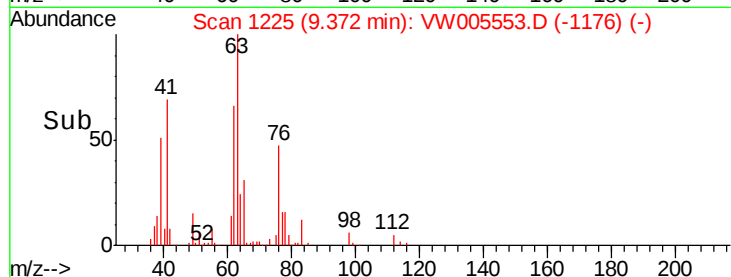
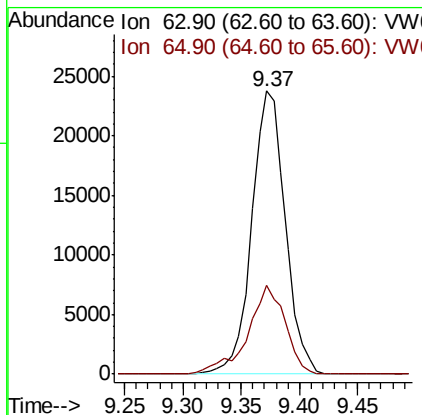
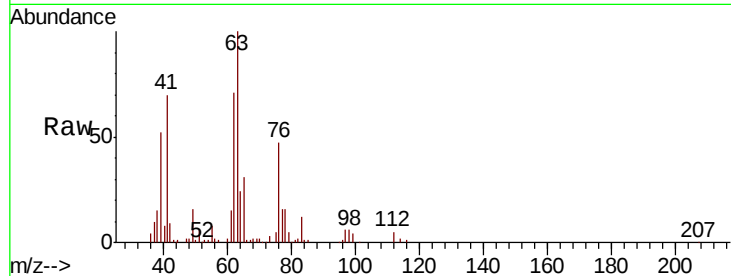
65 31.2 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 18.662 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

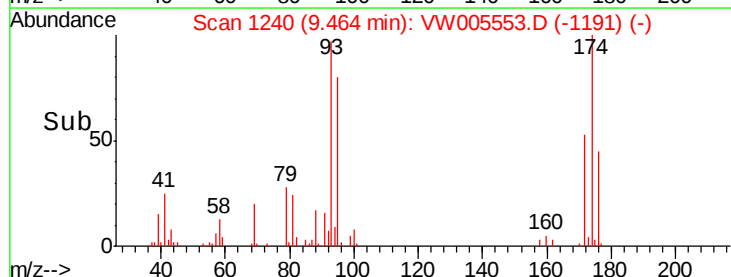
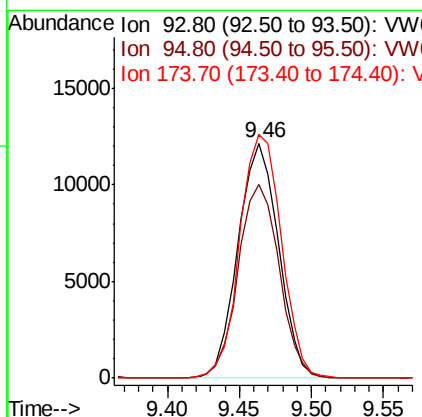
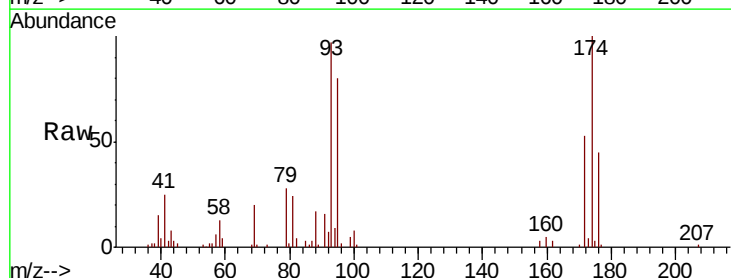
Tgt Ion: 93 Resp: 23694

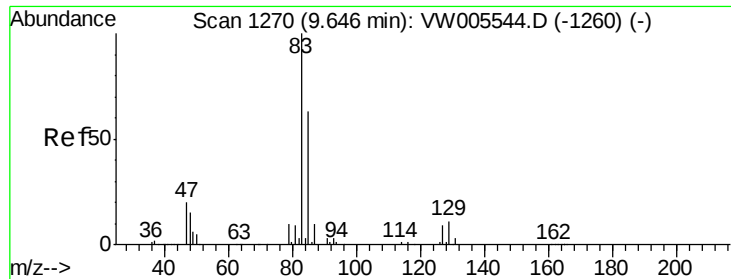
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 106.9 84.0 126.0





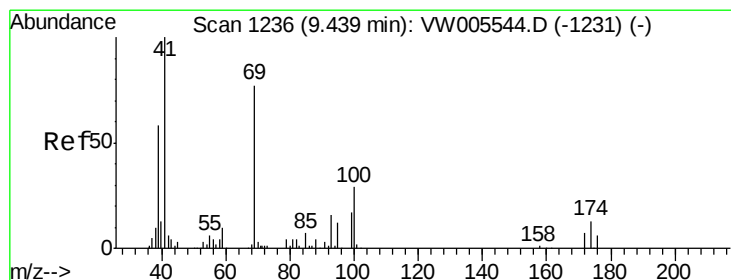
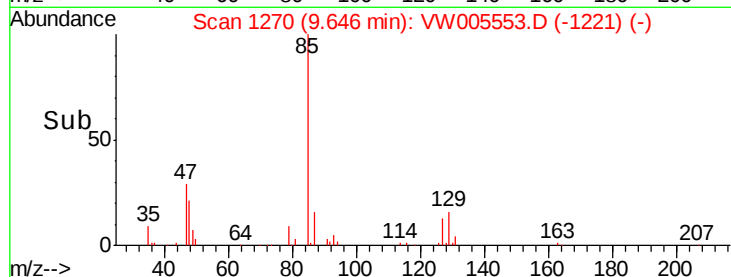
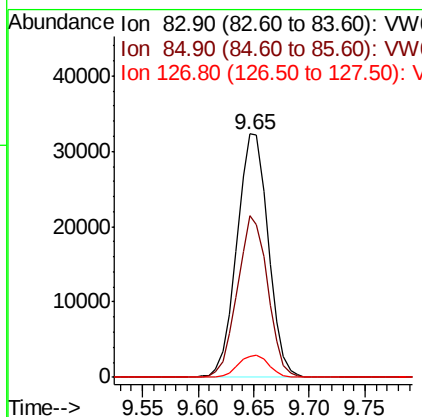
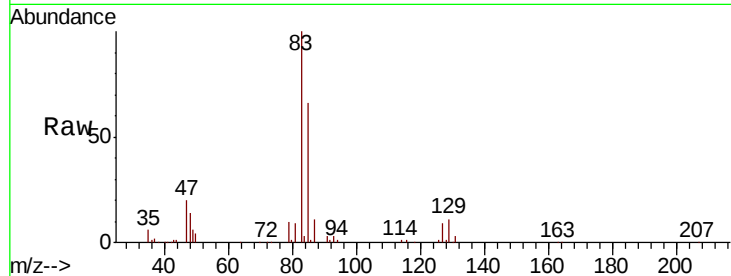
#47
Bromodichloromethane
Concen: 18.498 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	83	Resp	63087
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	50.5	75.7
127	8.6	7.0	10.6

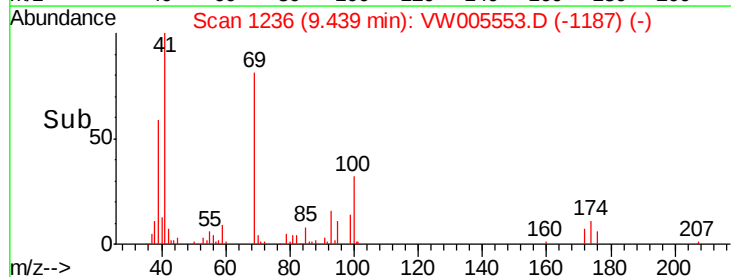
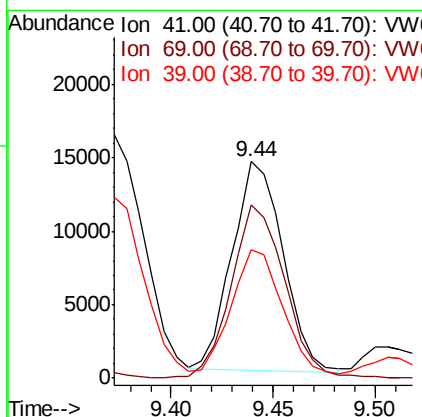
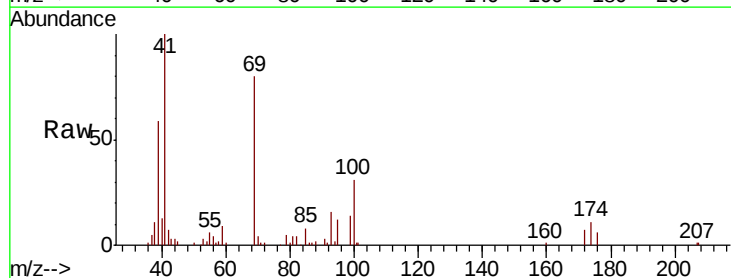
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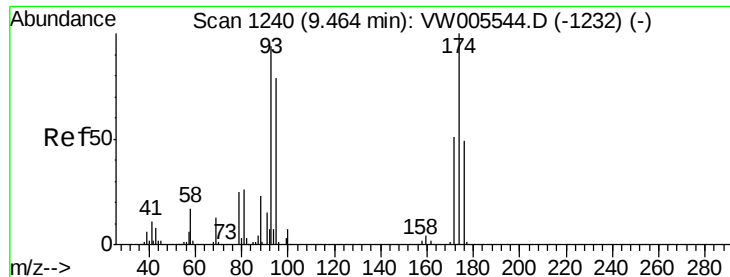
apatel
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#48
Methyl methacrylate
Concen: 17.259 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	41	Resp	24724
Ion Ratio	100	Lower	Upper
41	100		
69	87.0	64.7	97.1
39	59.4	50.5	75.7





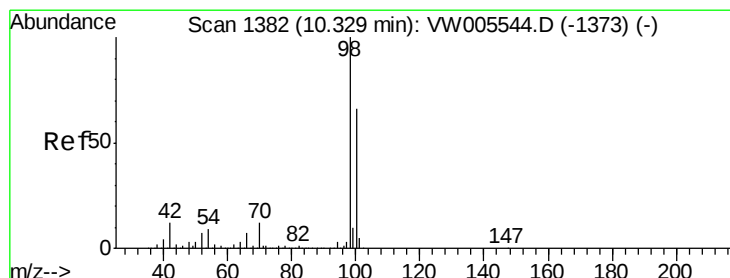
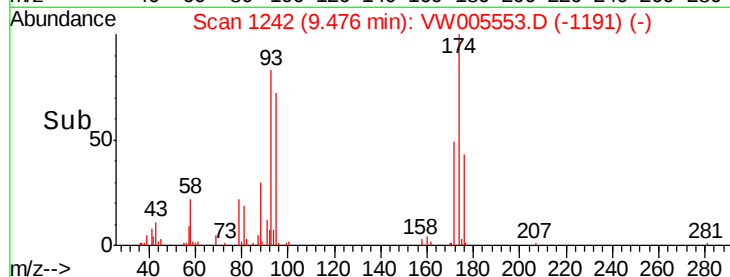
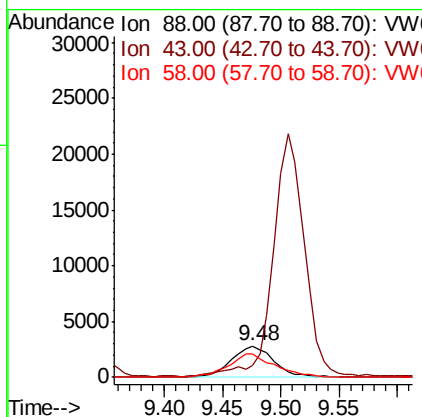
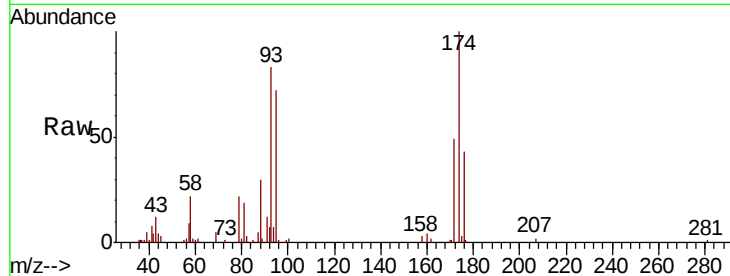
#49
1,4-Dioxane
Concen: 350.753 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.4	61.2	91.8

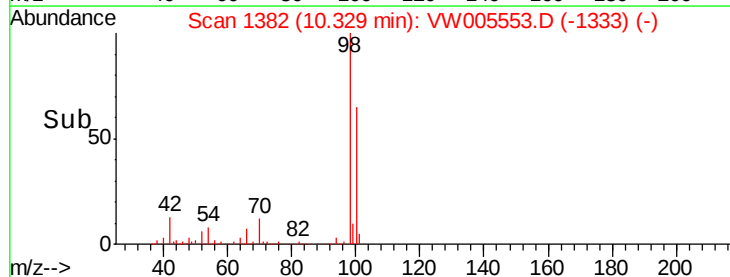
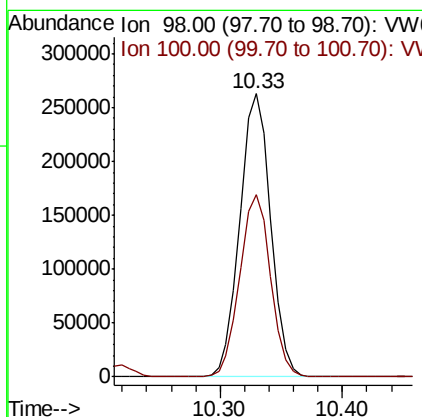
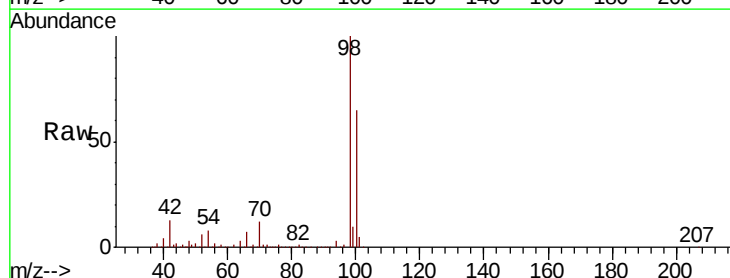
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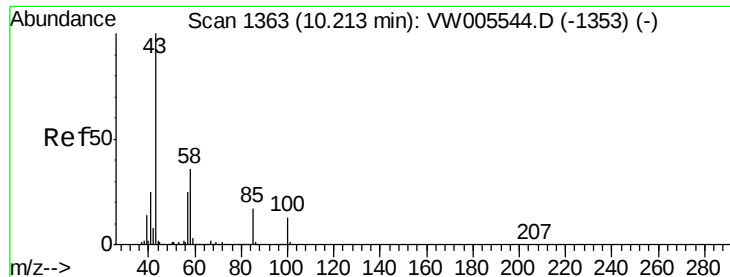
apatel
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#50
Toluene-d8
Concen: 49.644 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 87.847 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 43 Resp: 133446

Ion Ratio Lower Upper

43 100

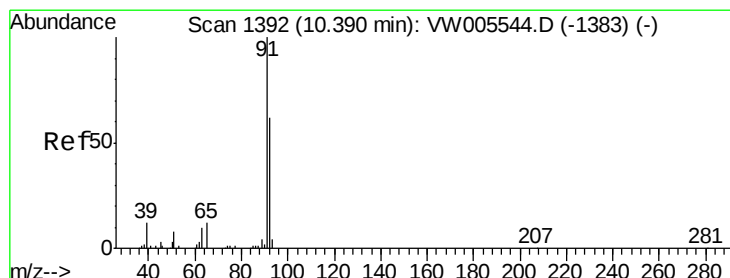
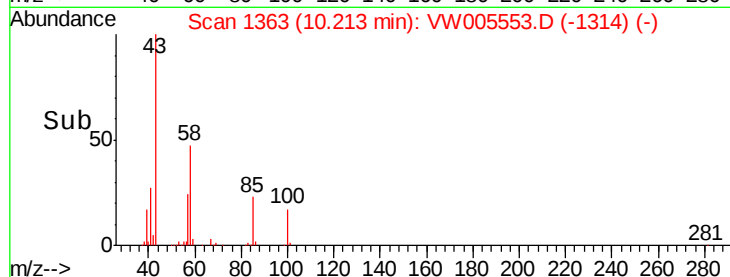
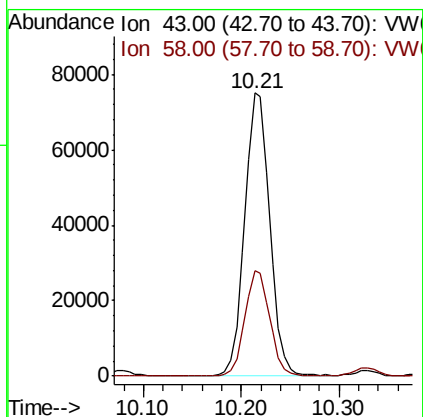
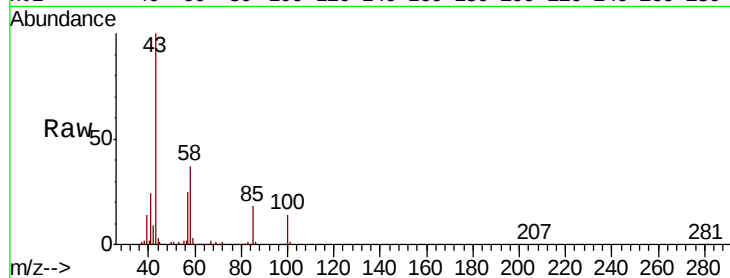
58 37.0 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 19.719 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005553.D

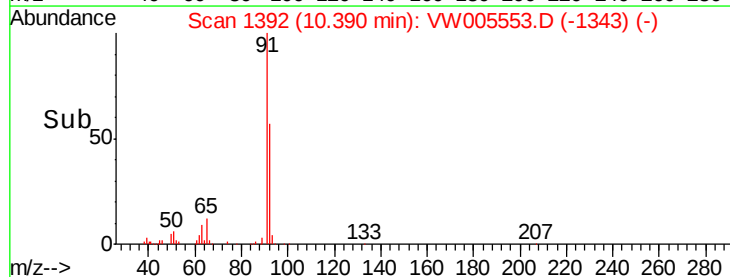
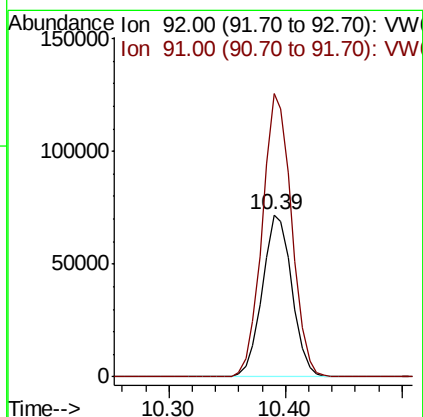
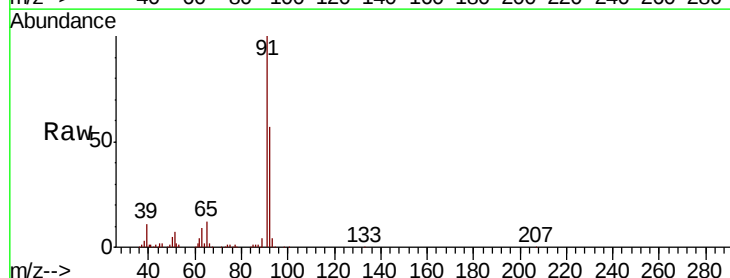
Acq: 21 Sep 2018 12:14

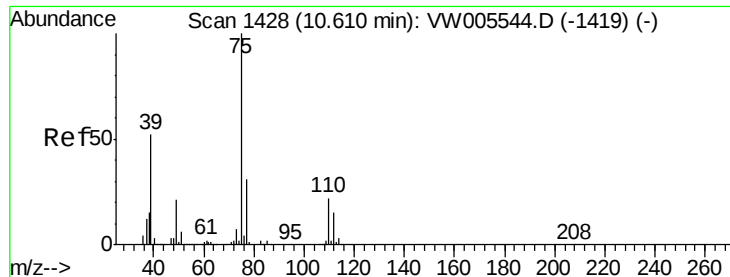
Tgt Ion: 92 Resp: 127079

Ion Ratio Lower Upper

92 100

91 172.9 137.1 205.7





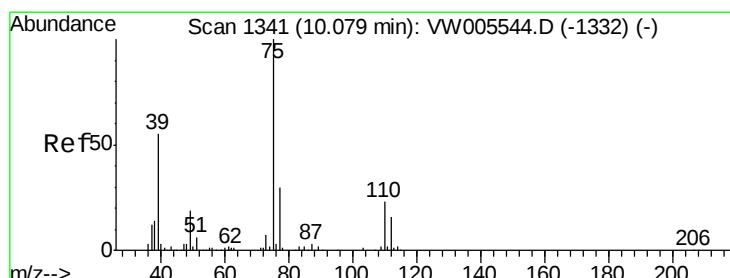
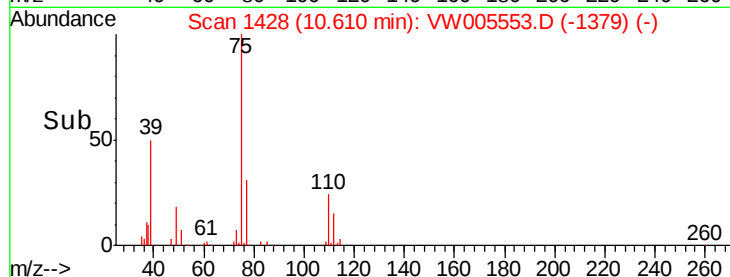
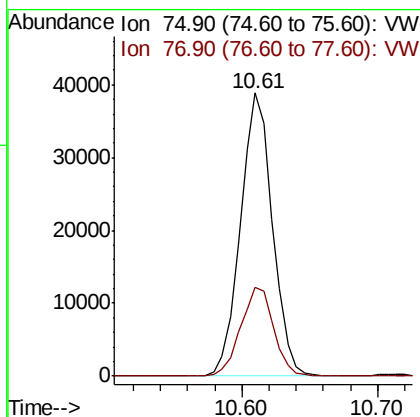
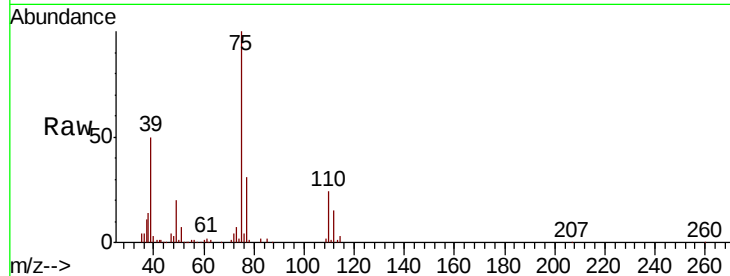
#53
 t-1,3-Dichloropropene
 Concen: 18.631 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion: 75 Resp: 63700
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0

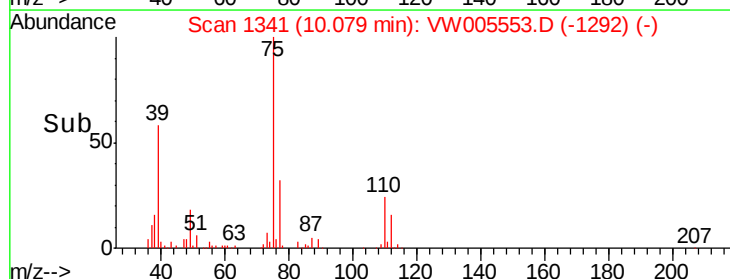
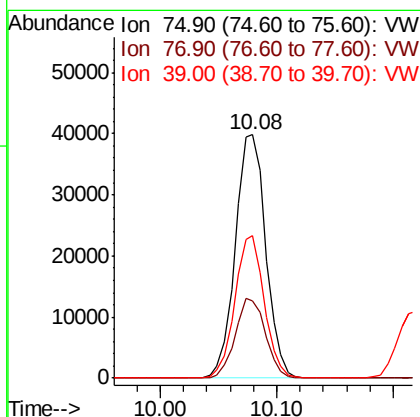
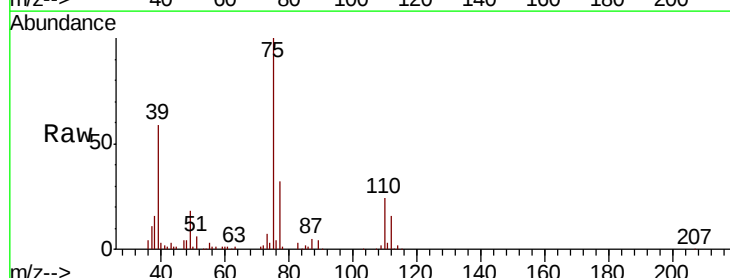
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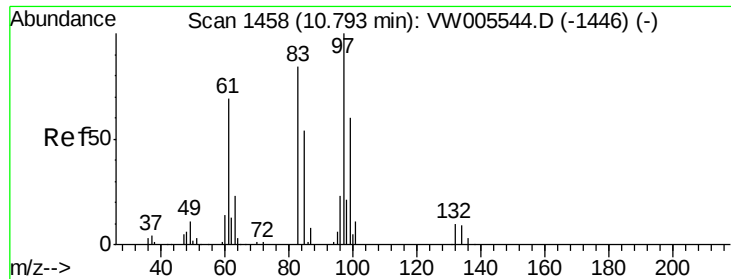
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 18.939 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion: 75 Resp: 72551
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5
 39 58.7 43.7 65.5





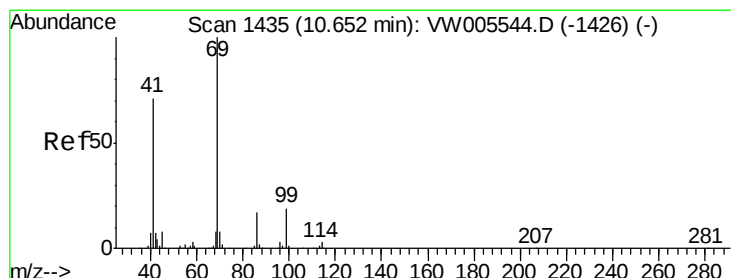
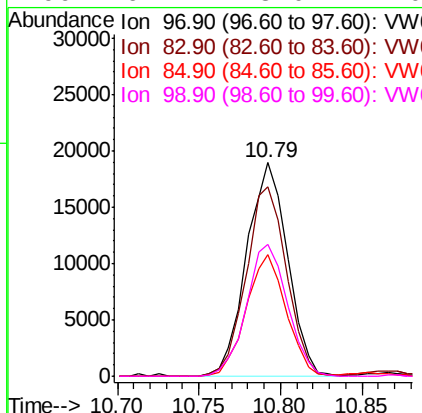
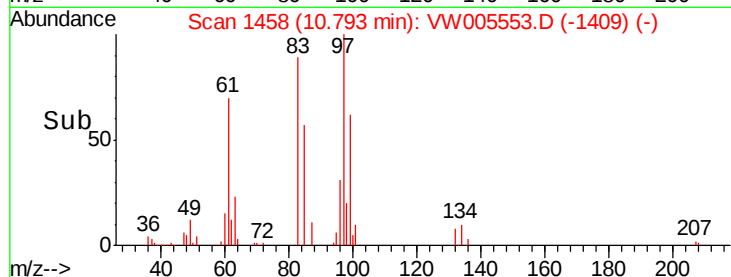
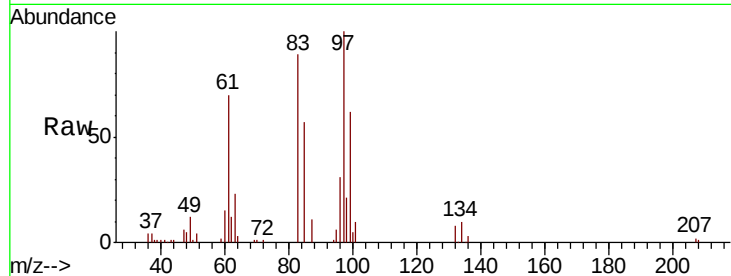
#55
 1,1,2-Trichloroethane
 Concen: 18.333 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion:	97	Resp:	33039
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.4	101.2
85	57.2	43.3	64.9
99	61.7	48.0	72.0

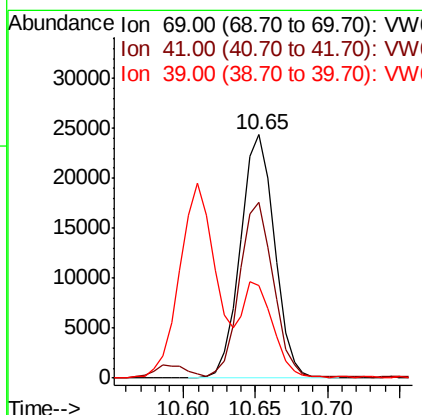
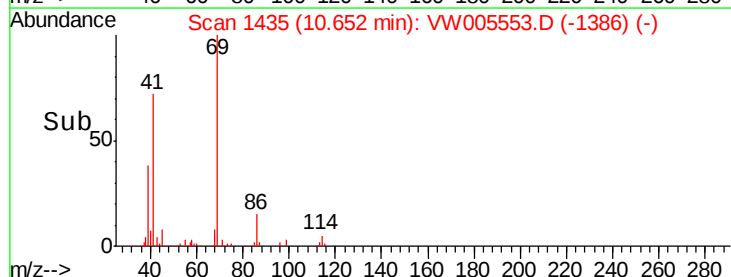
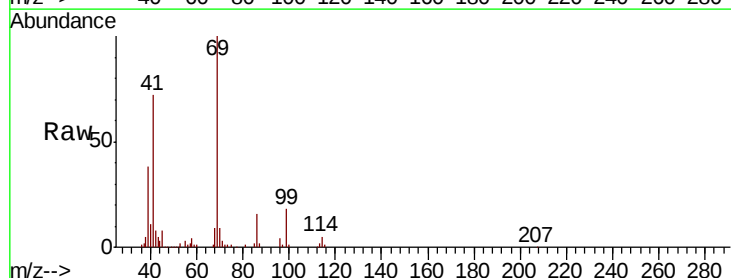
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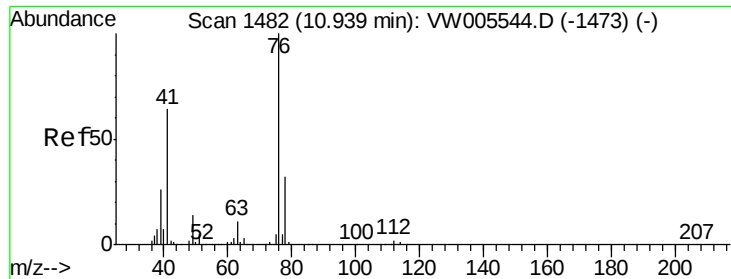
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#56
 Ethyl methacrylate
 Concen: 17.983 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion:	69	Resp:	40007
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.3	85.9
39	35.6	29.2	43.8





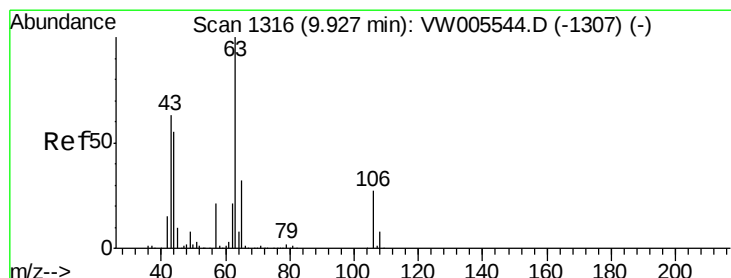
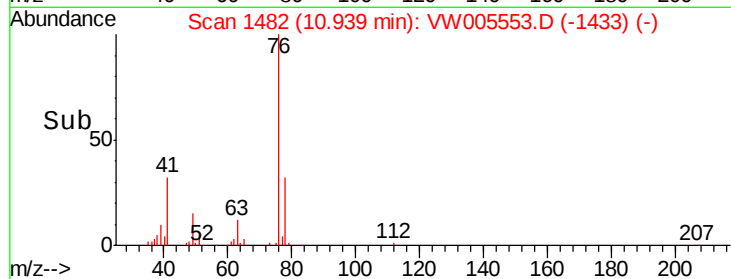
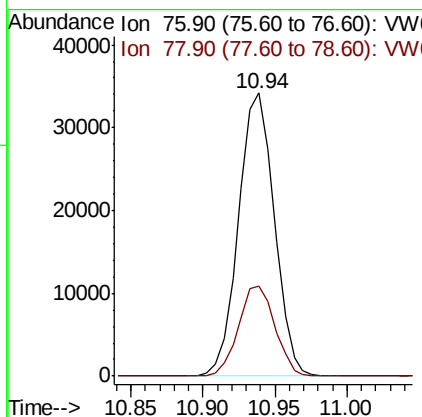
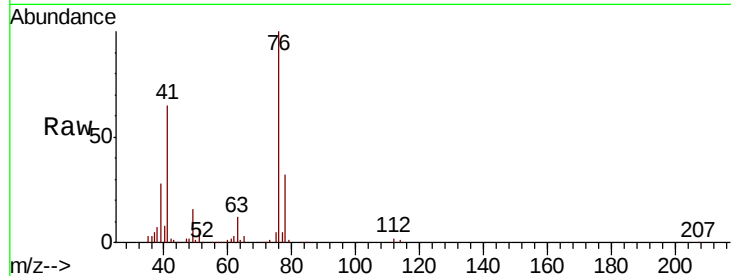
#57
 1,3-Dichloropropane
 Concen: 18.426 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

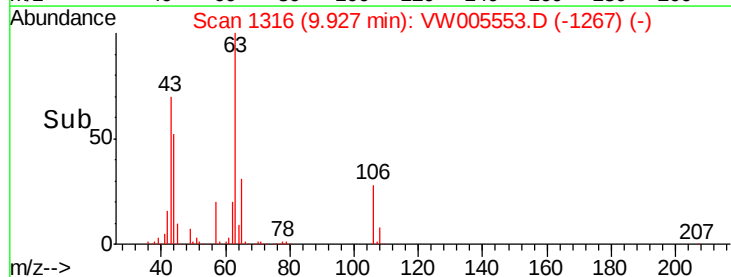
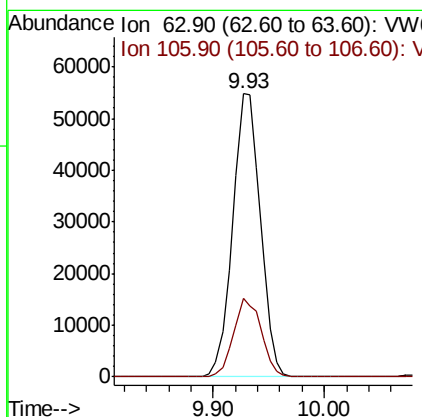
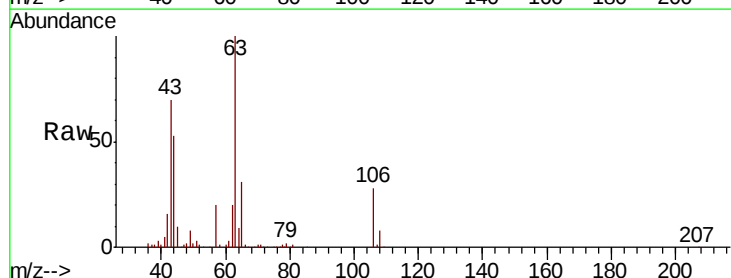
Manual Integrations
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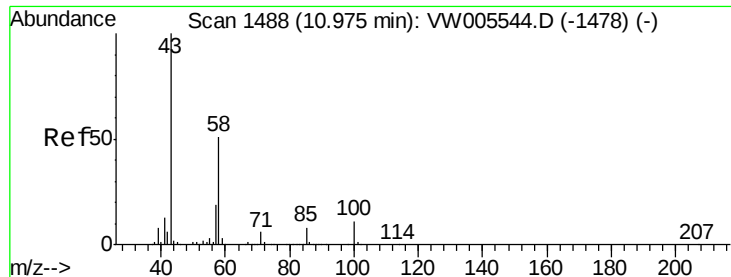
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.610 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.6	32.4





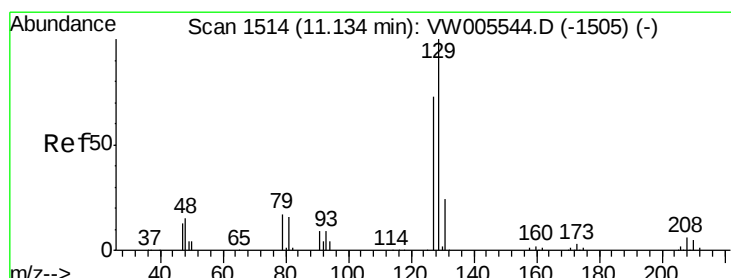
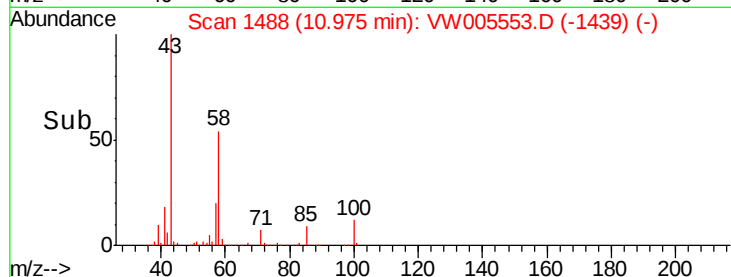
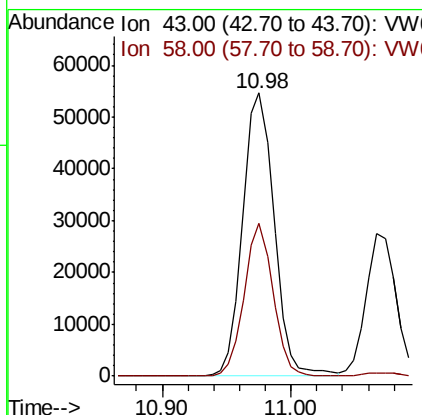
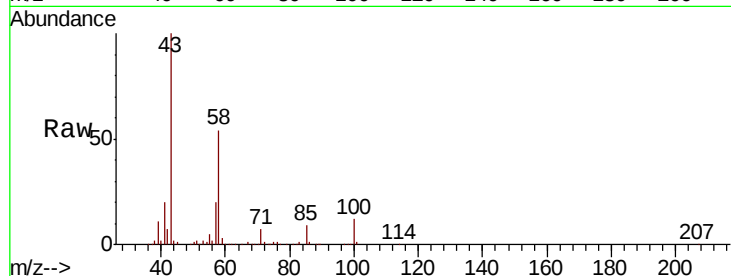
#59
2-Hexanone
Concen: 89.509 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion: 43 Resp: 92368
Ion Ratio Lower Upper
43 100
58 49.6 25.3 75.9

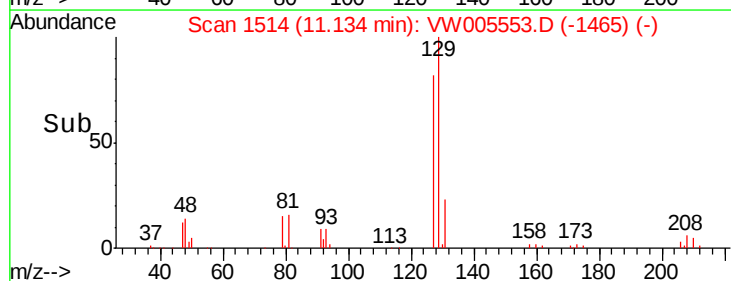
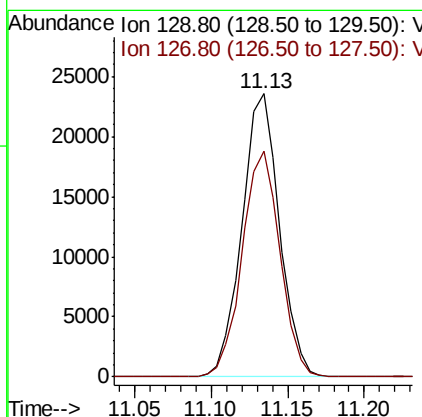
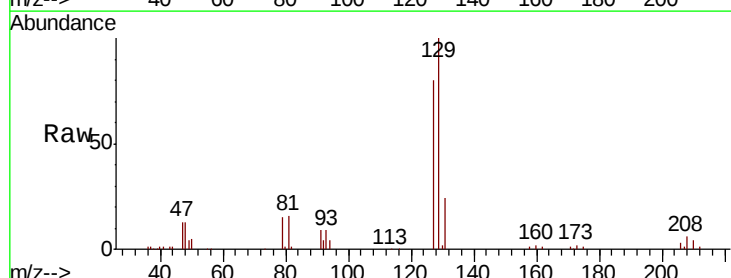
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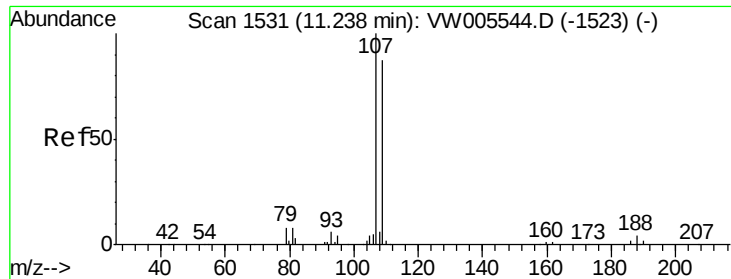
apatel
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#60
Dibromochloromethane
Concen: 18.405 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion: 129 Resp: 40078
Ion Ratio Lower Upper
129 100
127 80.7 38.5 115.5





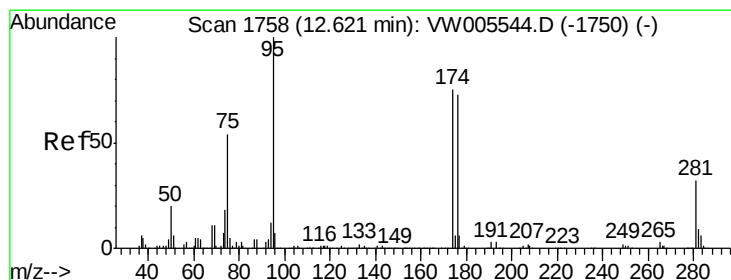
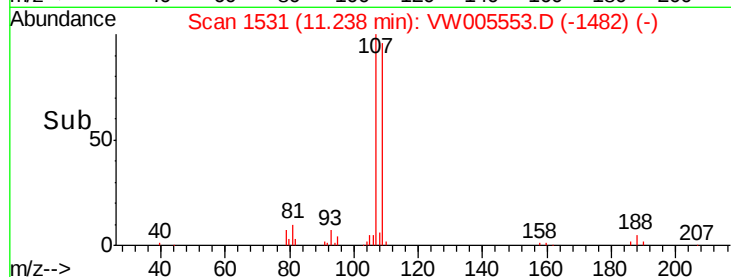
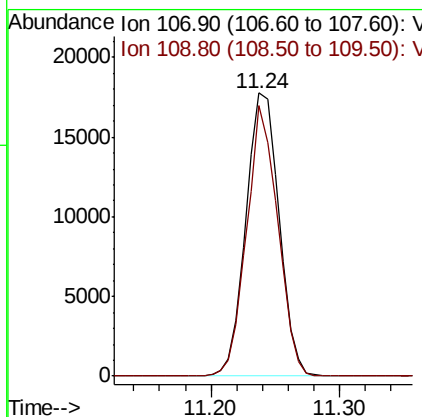
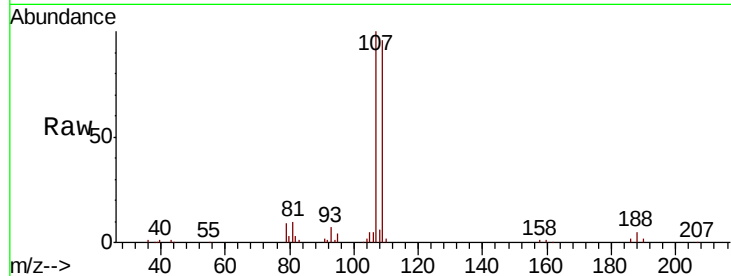
#61
 1,2-Dibromoethane
 Concen: 18.811 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion: 107 Resp: 31608
 Ion Ratio Lower Upper
 107 100
 109 89.5 73.4 110.0

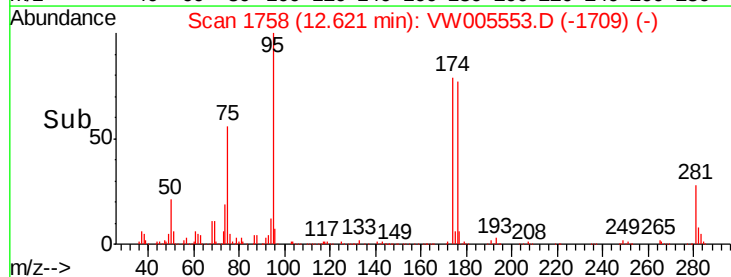
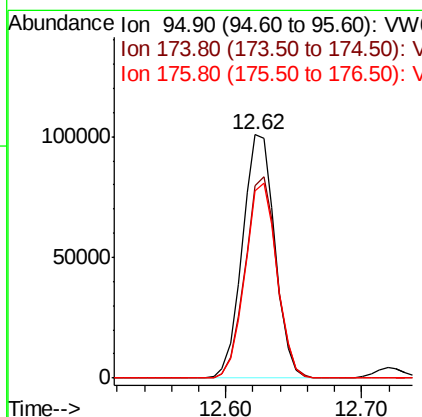
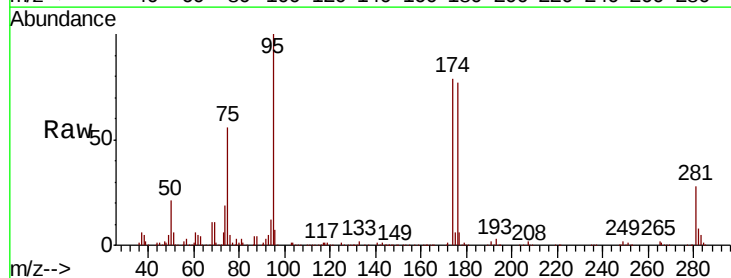
Manual Integrations
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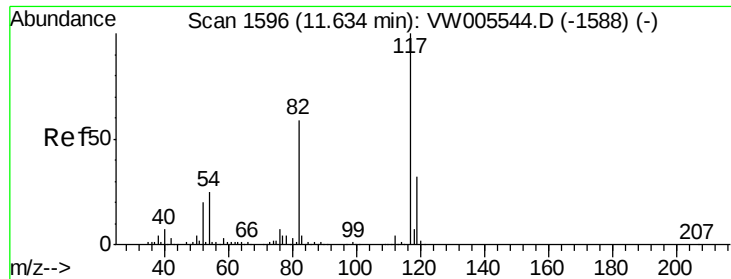
apatel
 9/24/2018 11:32:12 AM



#62
 4-Bromofluorobenzene
 Concen: 48.823 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion: 95 Resp: 167511
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 163.8
 176 79.1 0.0 158.0





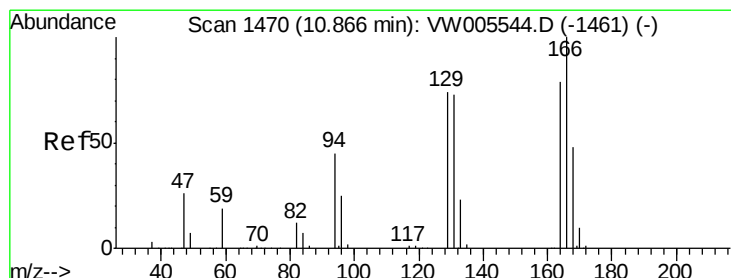
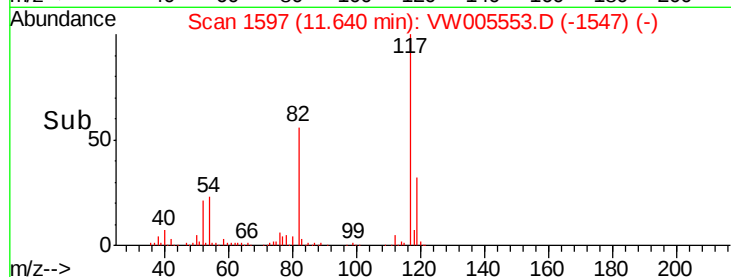
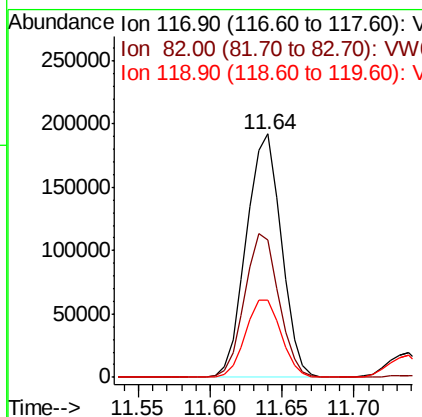
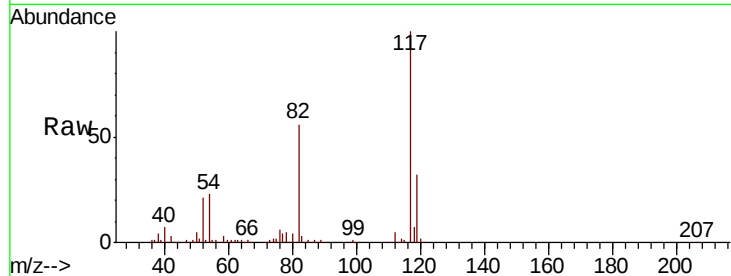
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	323312		
82	56.2	46.9	70.3	
119	31.8	25.7	38.5	

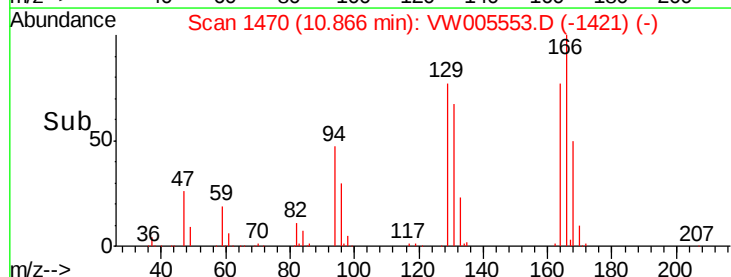
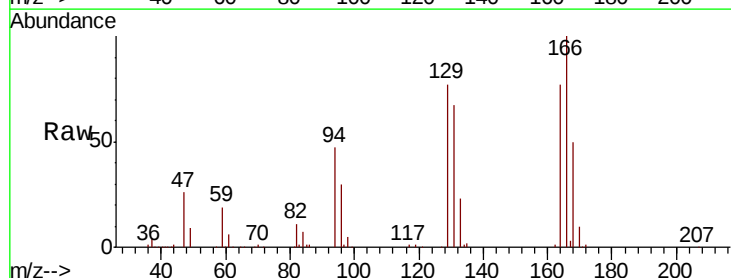
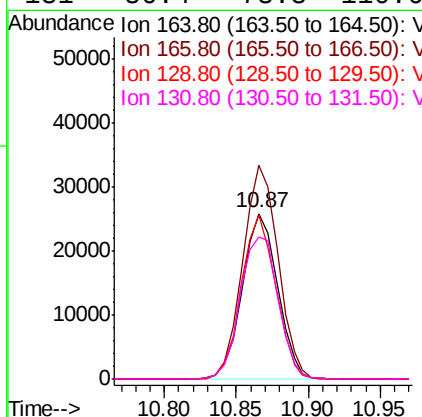
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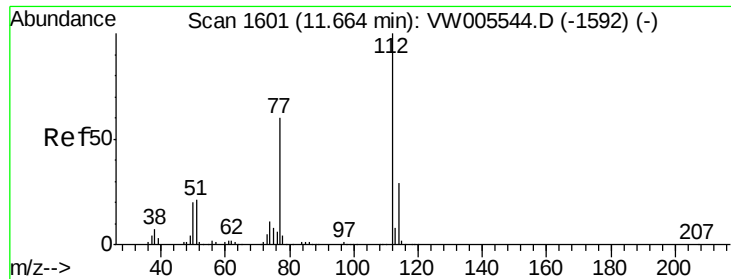
apatel
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#64
Tetrachloroethene
Concen: 19.083 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43789		
166	129.3	101.1	151.7	
129	99.4	74.4	111.6	
131	86.4	73.8	110.6	





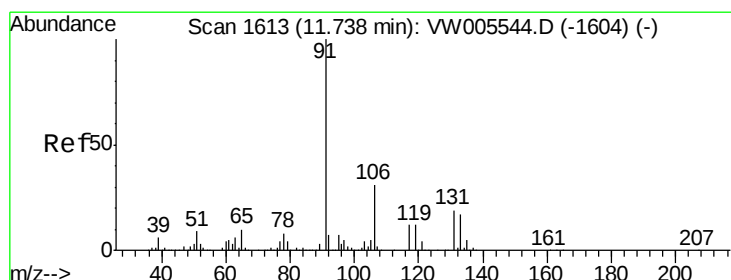
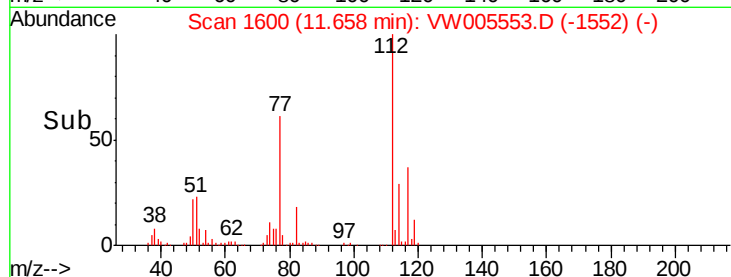
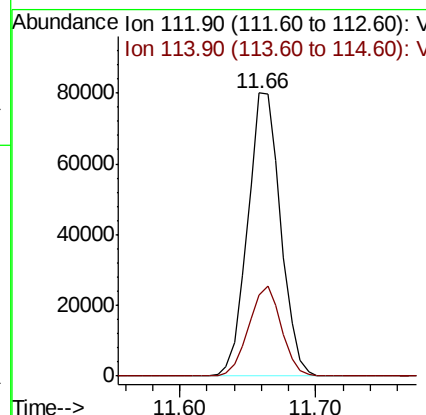
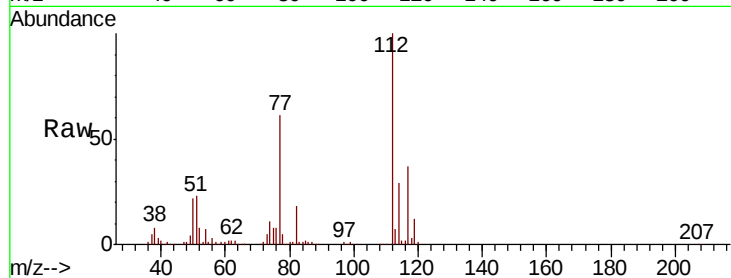
#65
Chlorobenzene
Concen: 19.749 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	28.8	22.9	34.3

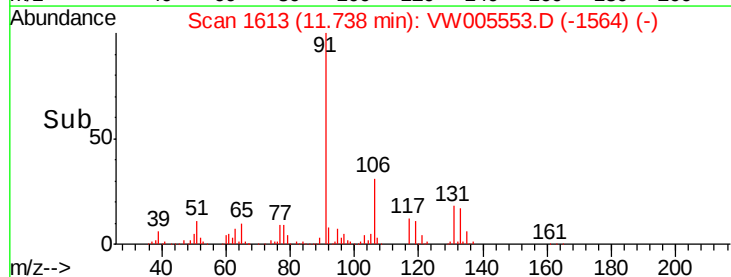
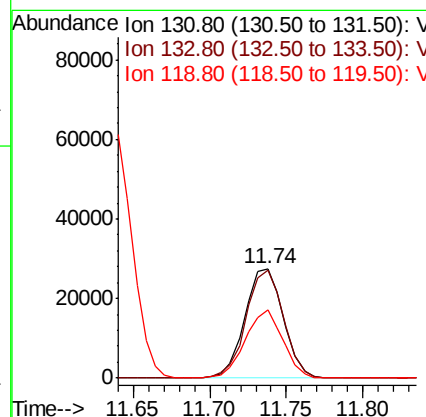
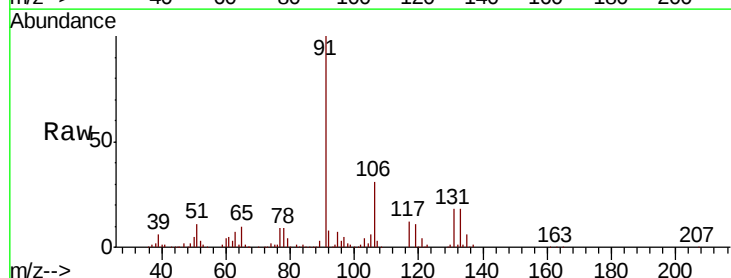
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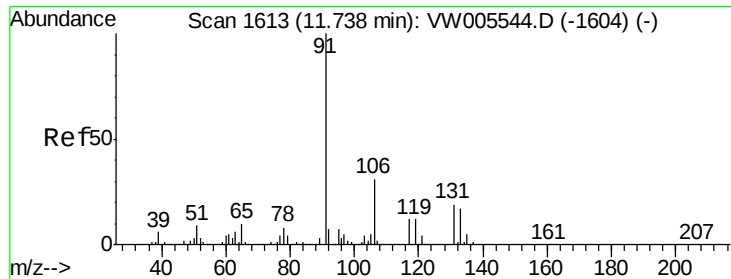
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.402 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.2	141.6
119	60.7	31.1	93.2





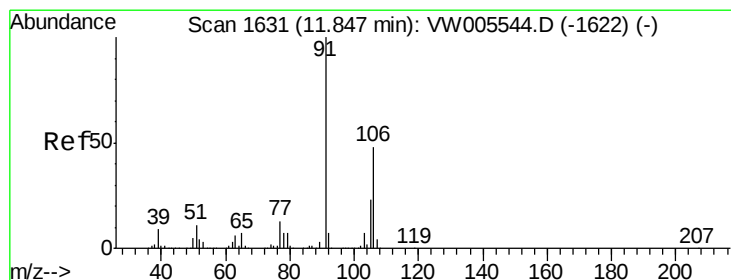
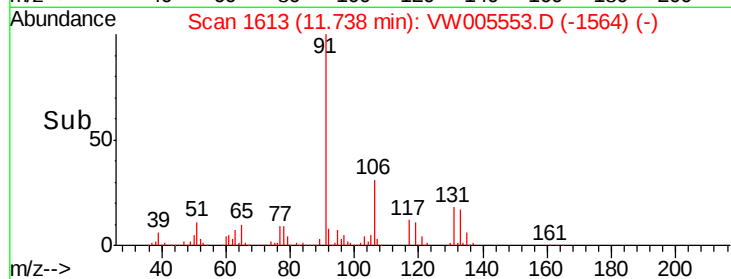
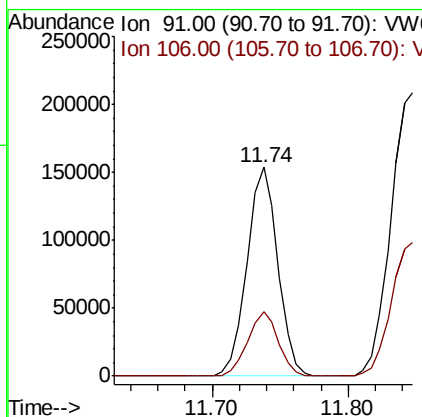
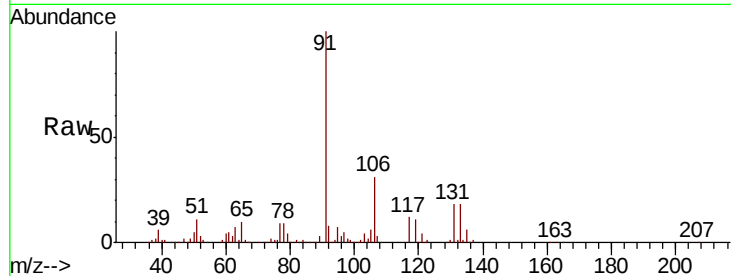
#67
Ethyl Benzene
Concen: 20.028 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion: 91 Resp: 244000
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

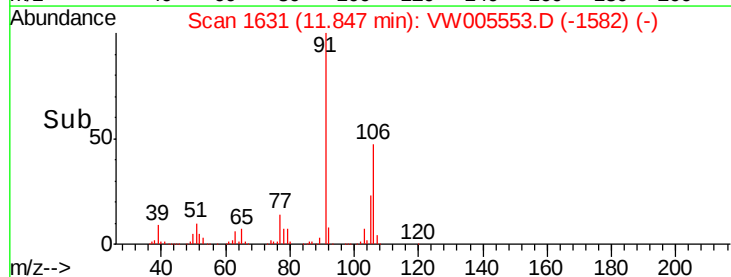
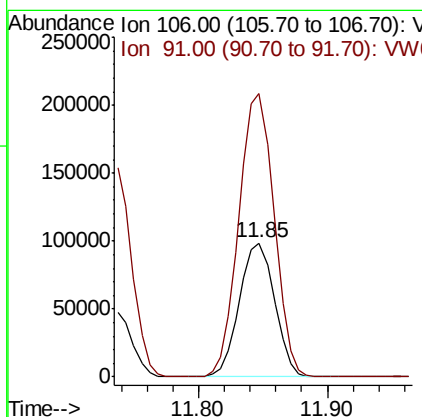
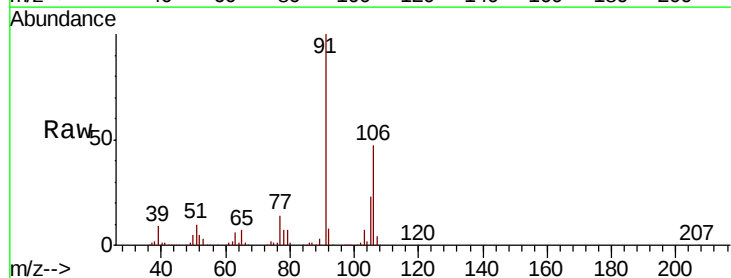
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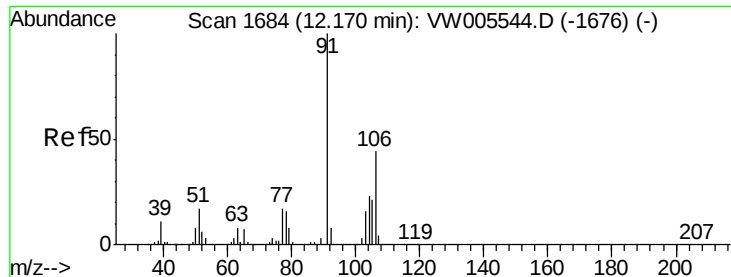
apatel
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#68
m/p-Xylenes
Concen: 40.752 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion: 106 Resp: 187570
Ion Ratio Lower Upper
106 100
91 211.1 167.8 251.8





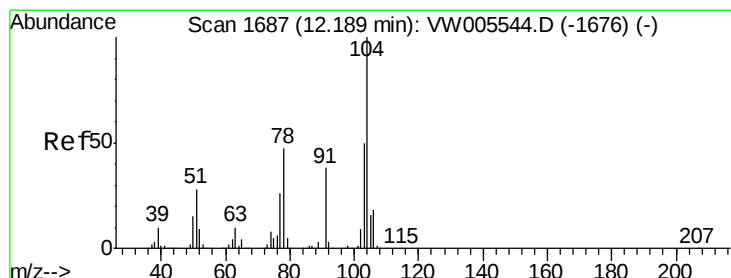
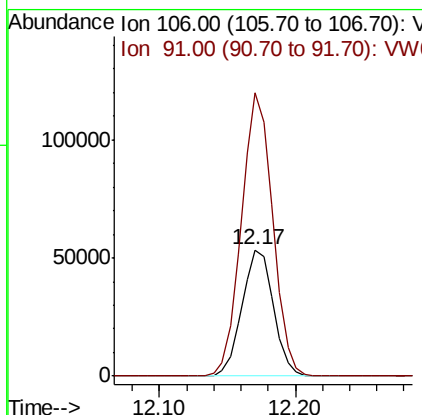
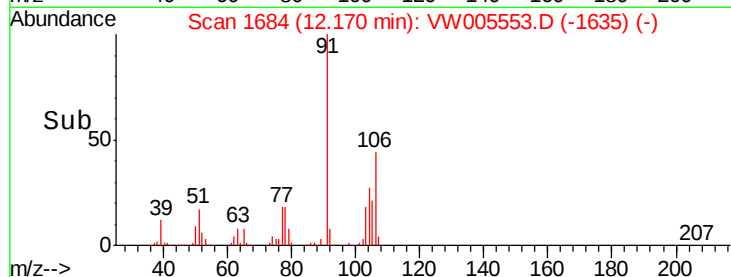
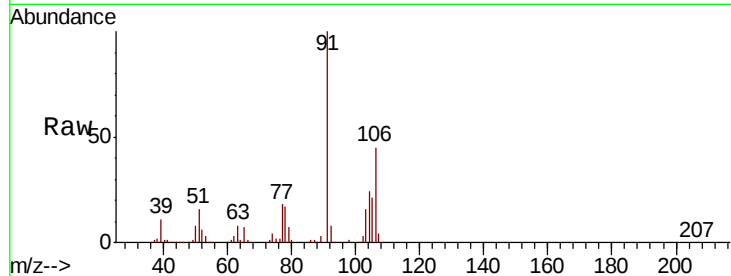
#69
o-Xylene
Concen: 20.074 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleID :
VW0922SBSD01

Tot Ion:106 Resp: 86530
Ion Ratio Lower Upper
106 100
91 222.6 111.0 333.0

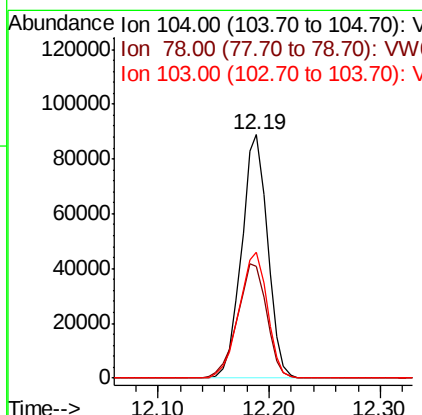
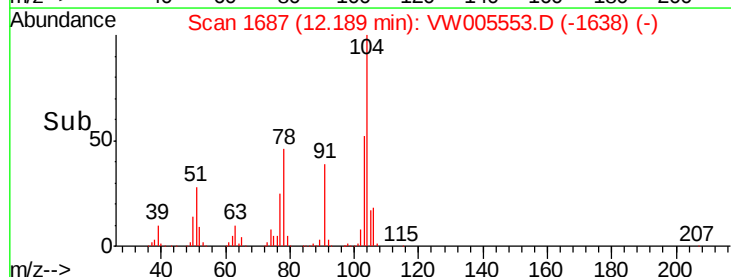
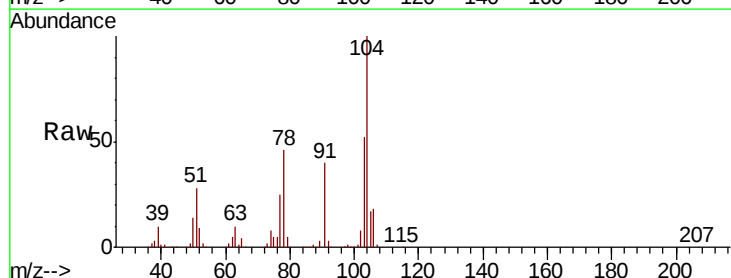
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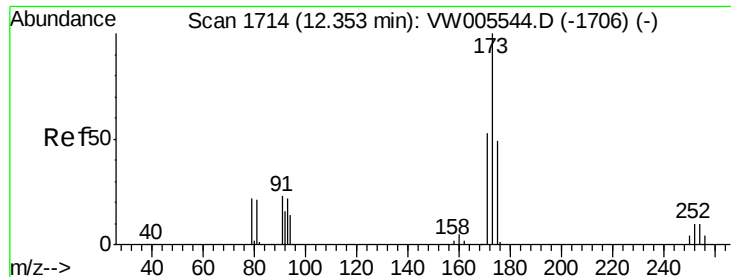
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#70
Styrene
Concen: 19.960 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion:104 Resp: 144792
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 55.8 44.6 66.8





#71

Bromoform

Concen: 18.611 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005553.D

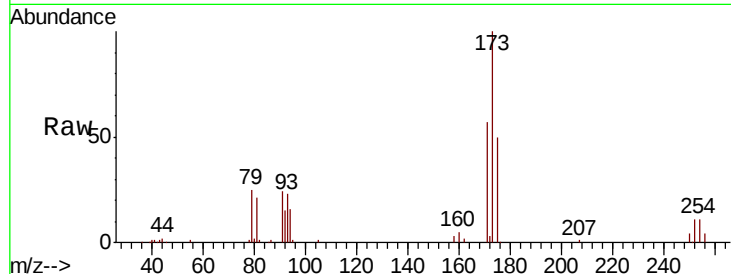
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

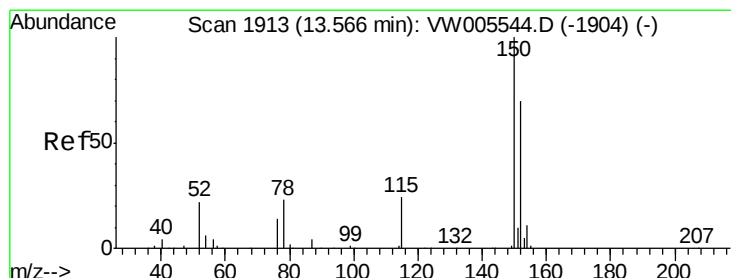
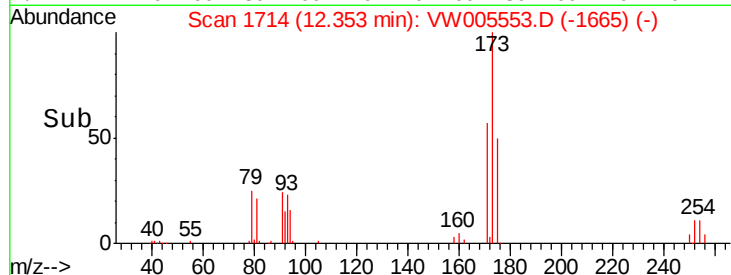
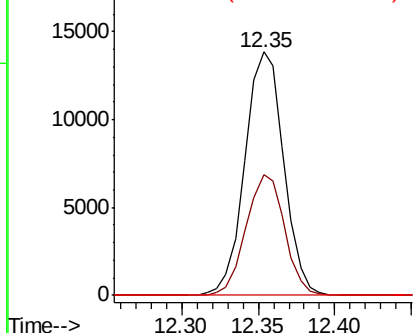
Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	49.4	24.3	72.9	
254	0.0	0.1	0.1	

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

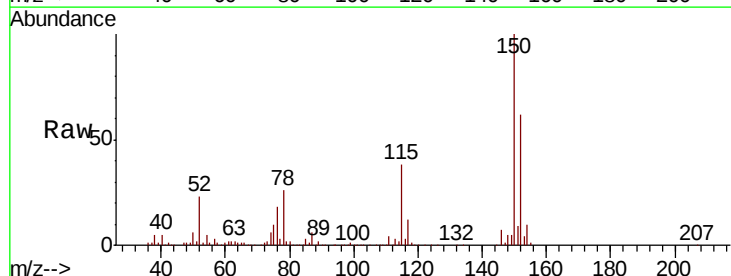
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

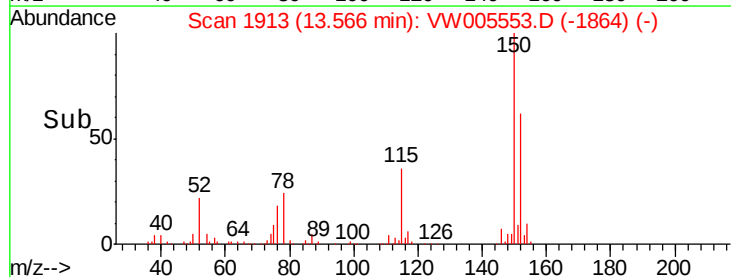
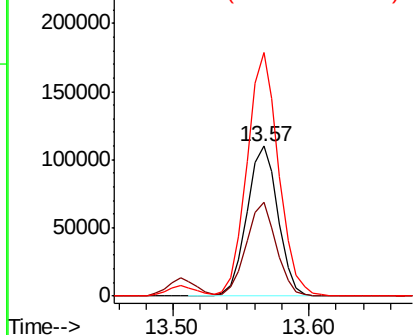
Lab File: VW005553.D

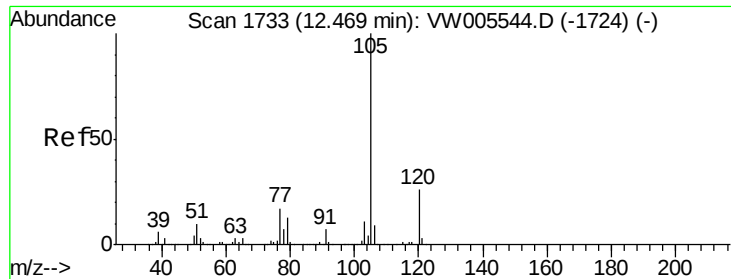
Acq: 21 Sep 2018 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	60.6	30.0	90.0	
150	165.0	0.0	348.6	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.674 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion:105 Resp: 252315

Ion Ratio Lower Upper

105 100

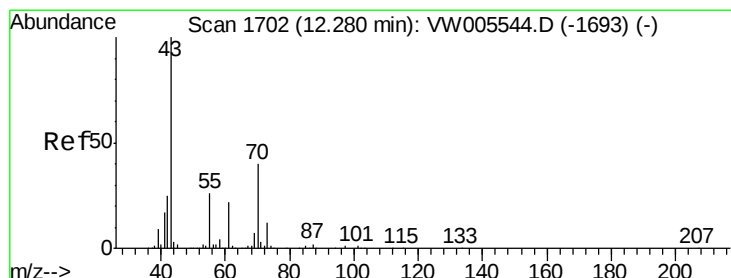
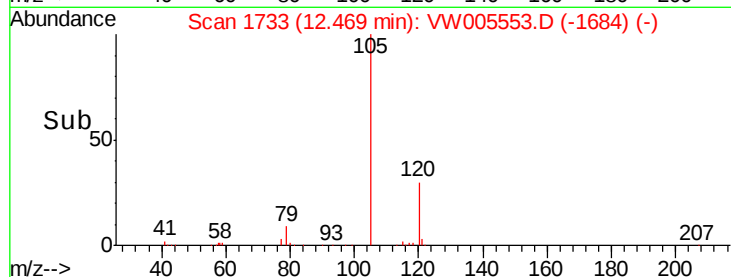
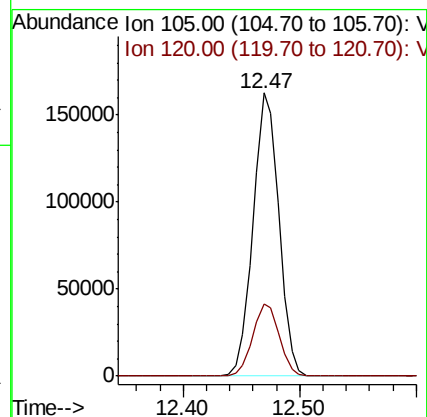
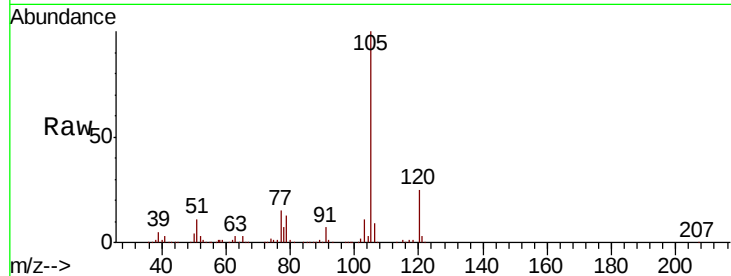
120 26.0 12.9 38.7

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#74

N-ethyl acetate

Concen: 17.988 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion: 43 Resp: 49712

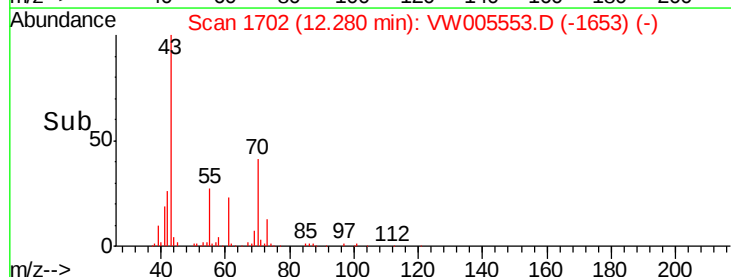
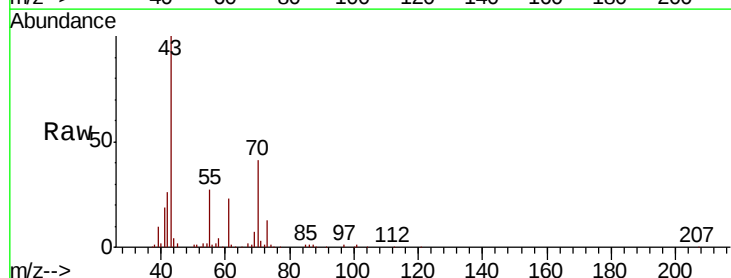
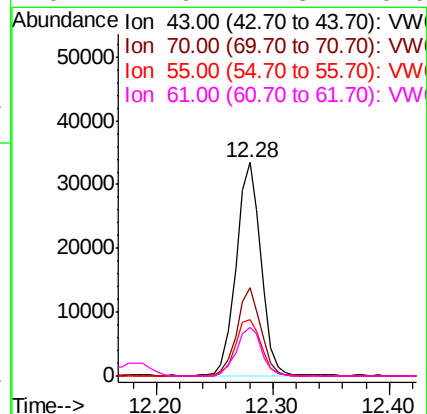
Ion Ratio Lower Upper

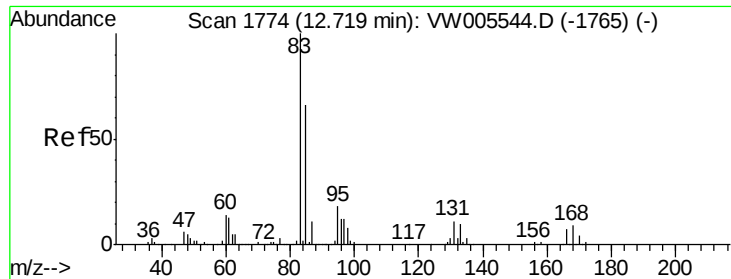
43 100

70 39.7 31.4 47.0

55 27.6 20.9 31.3

61 22.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.682 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

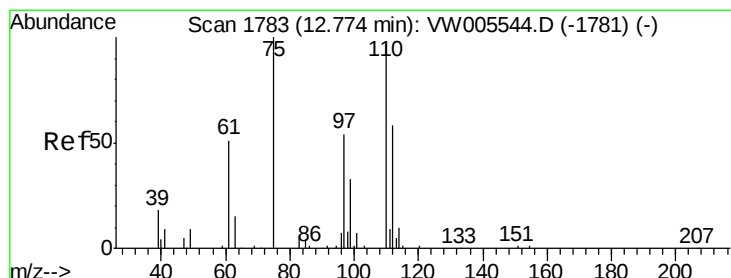
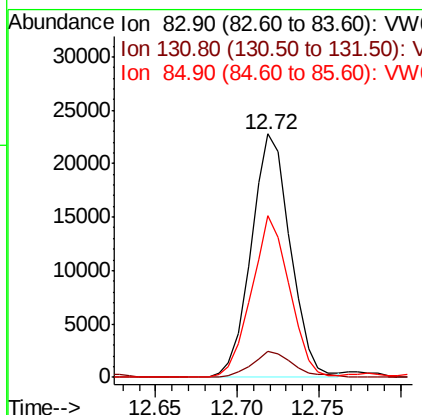
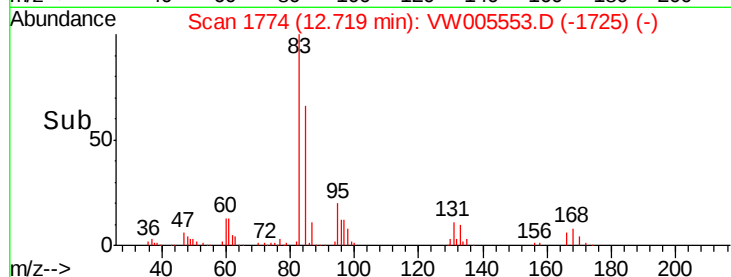
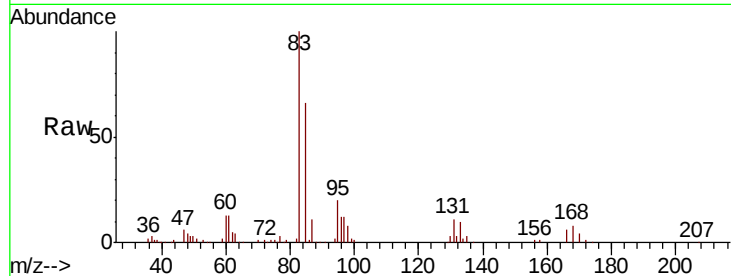
ClientSampleId :

VW0922SBSD01

Tot Ion:	83	Resp:	37871
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.7
85	64.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.169 ug/l m

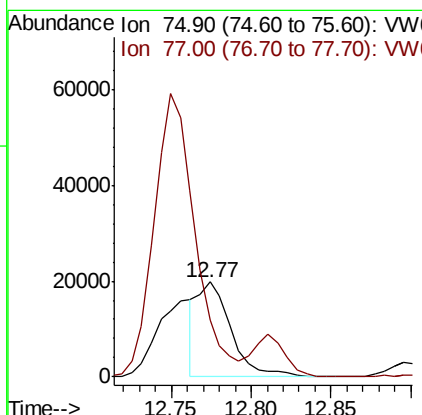
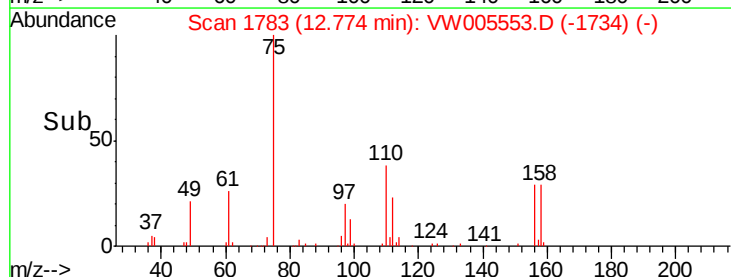
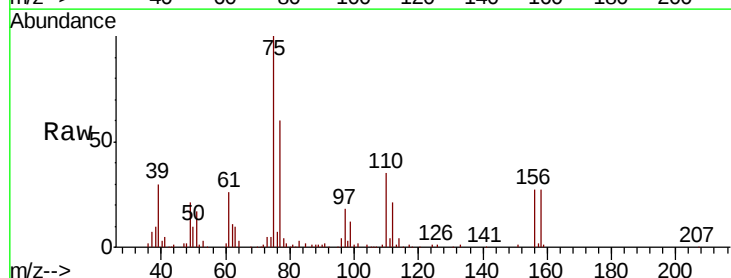
RT: 12.77 min Scan# 1783

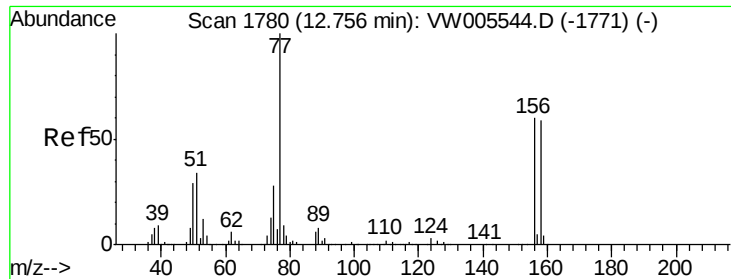
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	75	Resp:	28757
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.703 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

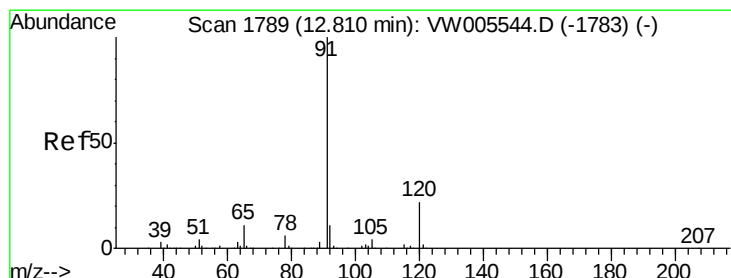
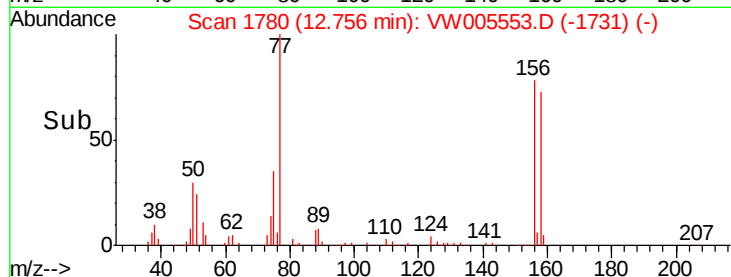
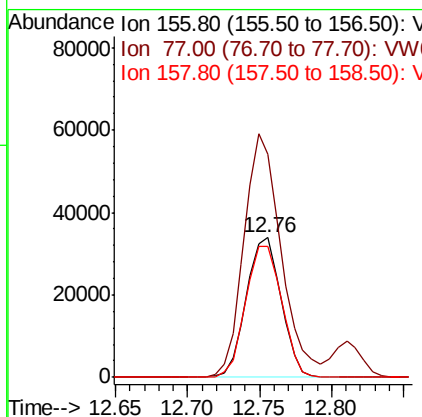
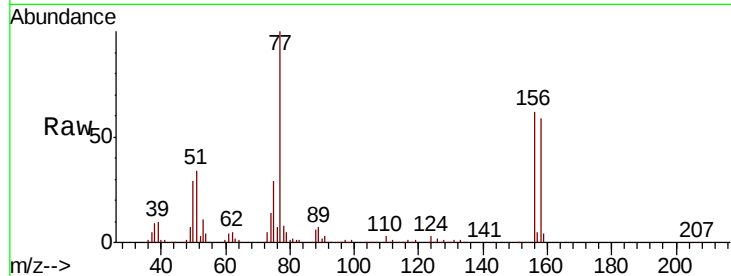
ClientSampleId :

VW0922SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.9	94.7	284.1
158	98.0	48.0	144.2

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#78

n-propylbenzene

Concen: 20.600 ug/l

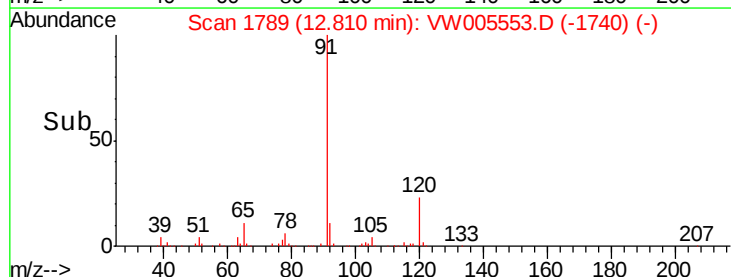
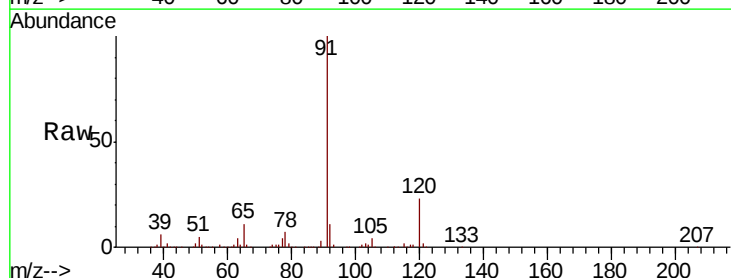
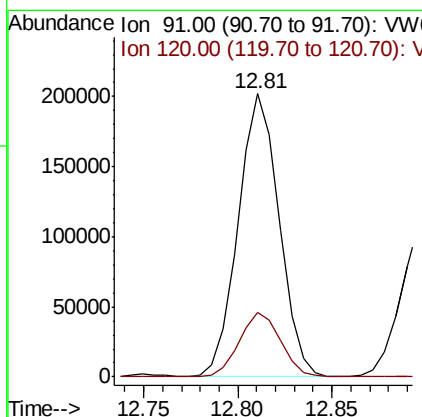
RT: 12.81 min Scan# 1789

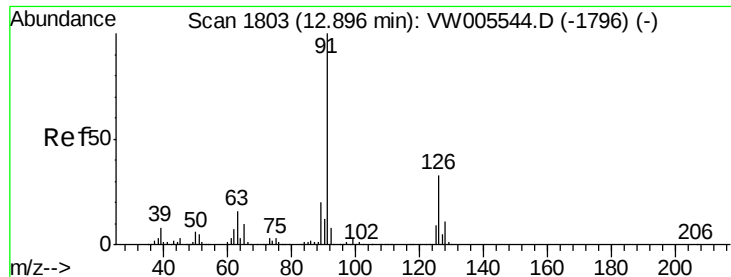
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.481 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VW0922SBSD01

Tot Ion: 91 Resp: 175081

Ion Ratio Lower Upper

91 100

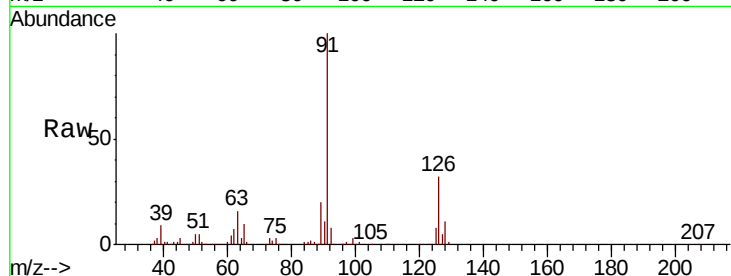
126 32.4 16.4 49.1

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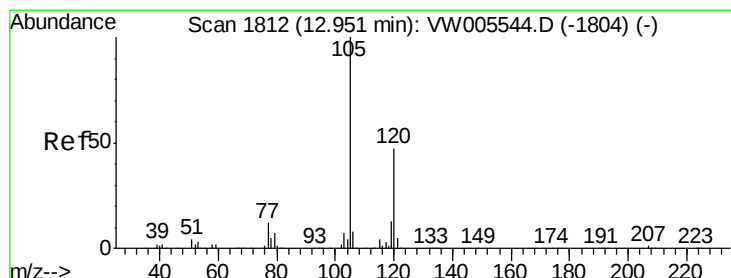
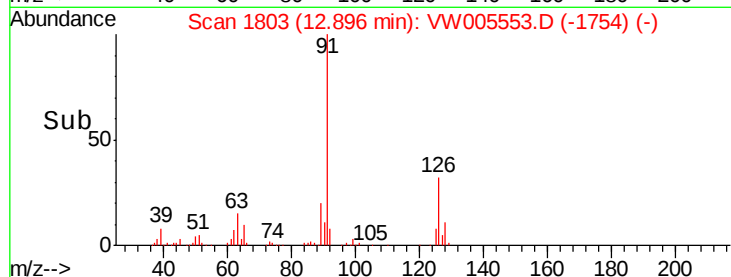
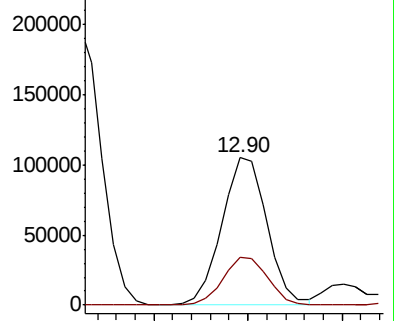
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.276 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005553.D

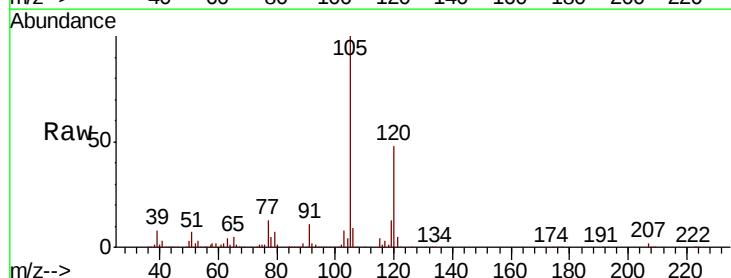
Acq: 21 Sep 2018 12:14

Tgt Ion:105 Resp: 215177

Ion Ratio Lower Upper

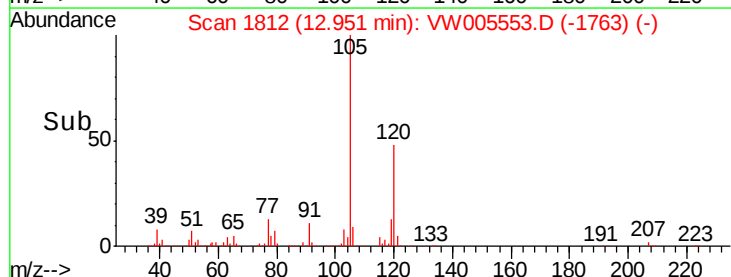
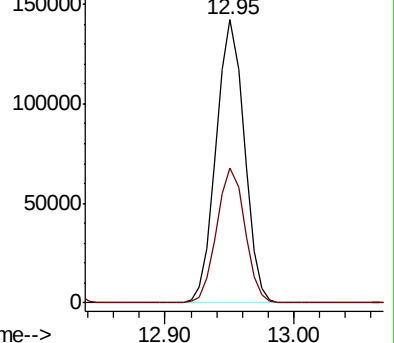
105 100

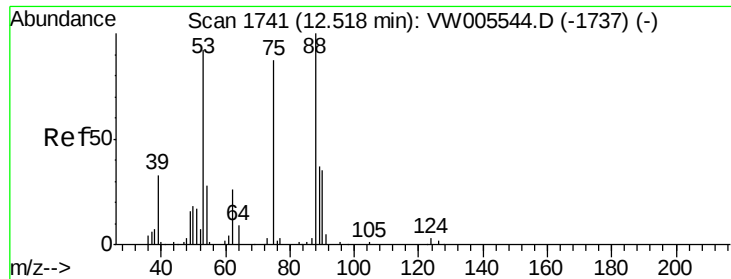
120 47.8 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.232 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

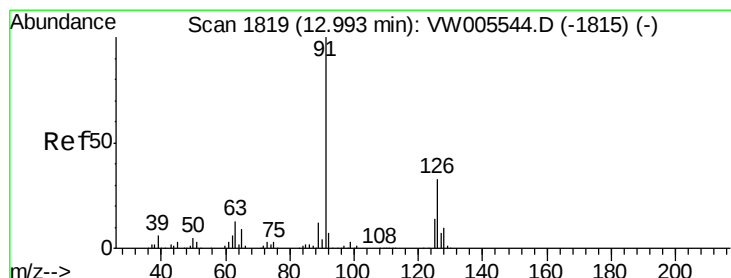
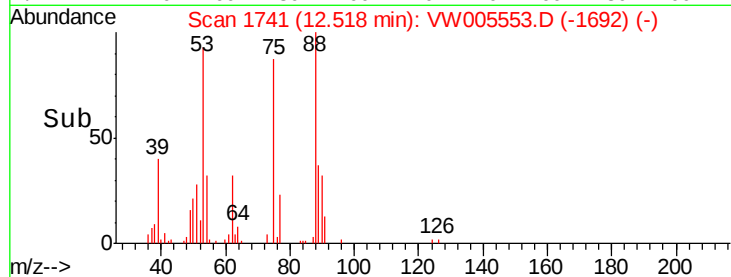
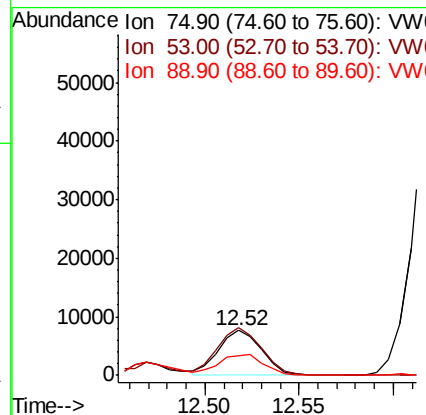
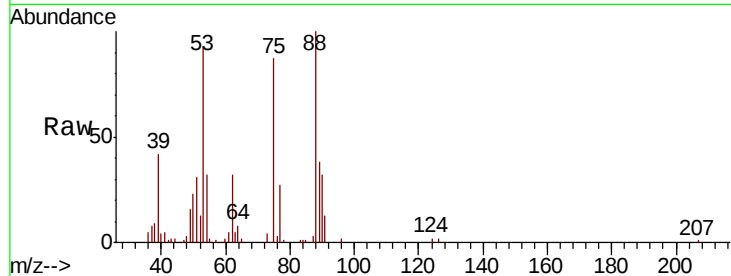
ClientSampleId :

VW0922SBSD01

Tot Ion:	75	Resp:	12144
Ion	Ratio	Lower	Upper
75	100		
53	109.1	85.8	128.6
89	49.1	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.331 ug/l

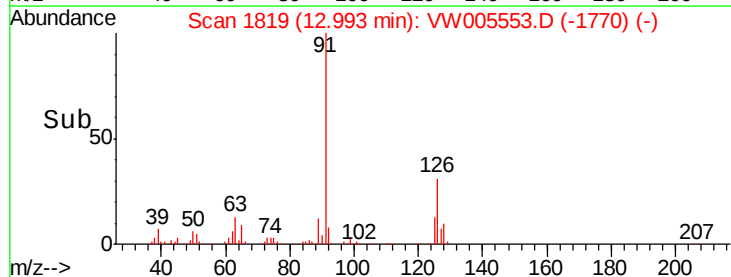
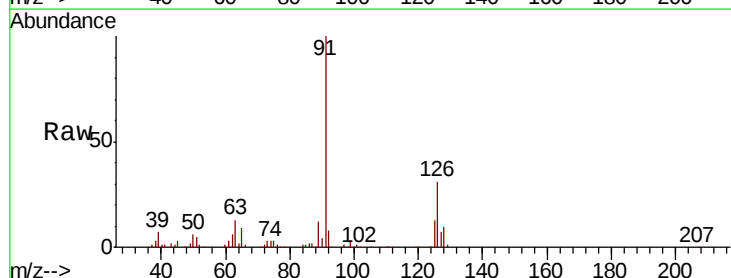
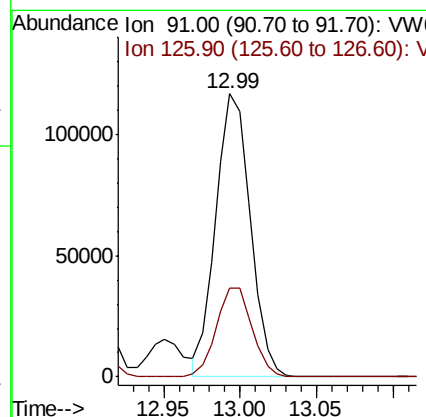
RT: 12.99 min Scan# 1819

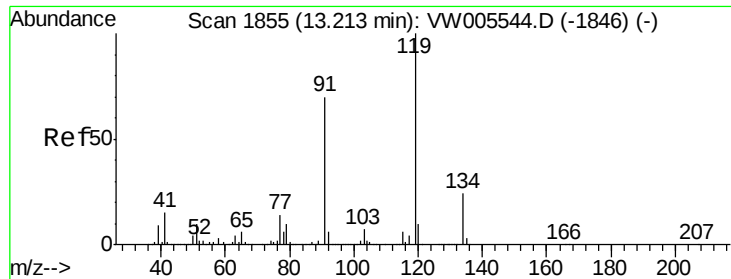
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	91	Resp:	183635
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





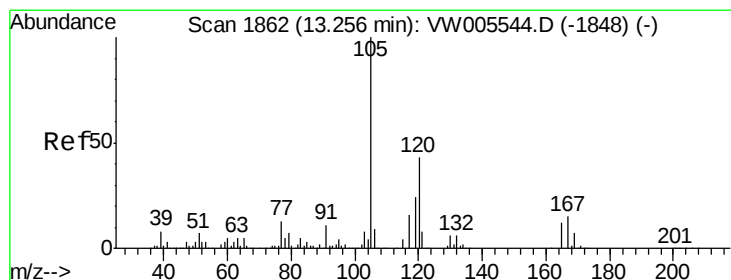
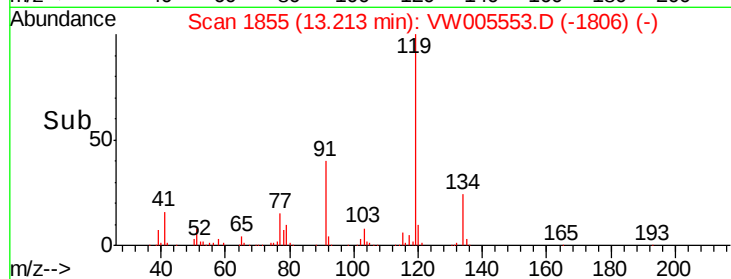
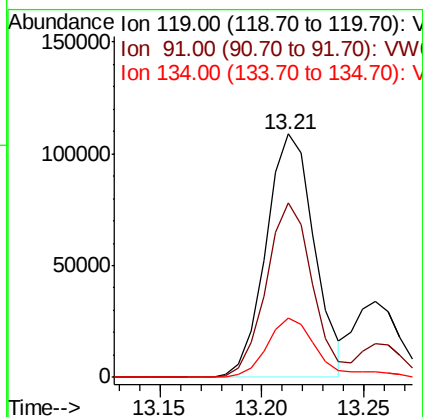
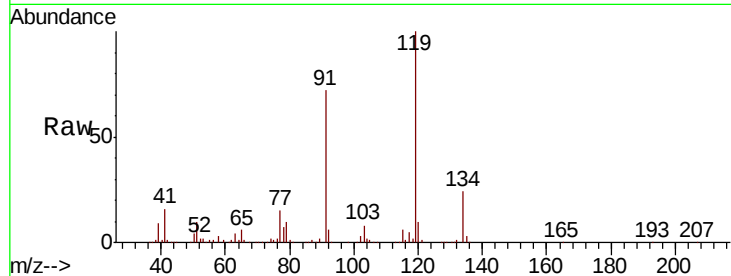
#83
tert-Butylbenzene
Concen: 20.167 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179799		
91	69.3	34.6	103.8	
134	25.6	12.6	37.6	

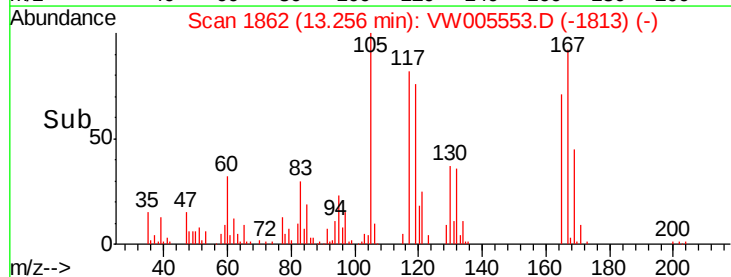
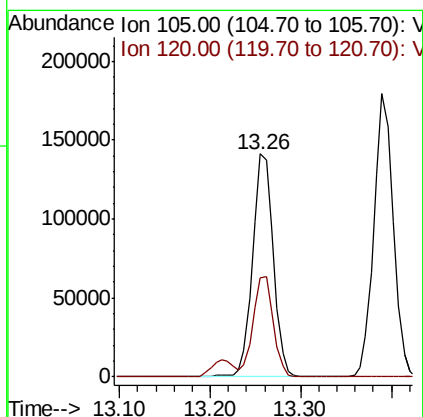
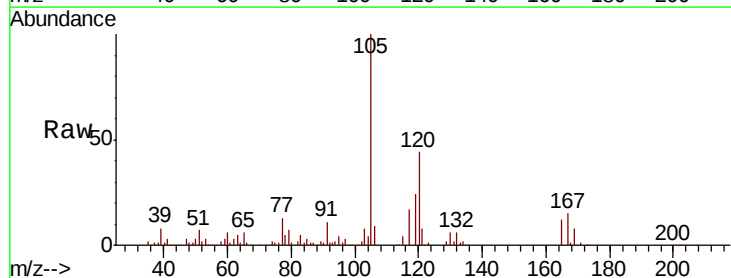
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 20.883 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223641		
120	43.8	21.5	64.5	





#85

sec-Butylbenzene

Concen: 20.576 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

Tot Ion:105 Resp: 266053

Ion Ratio Lower Upper

105 100

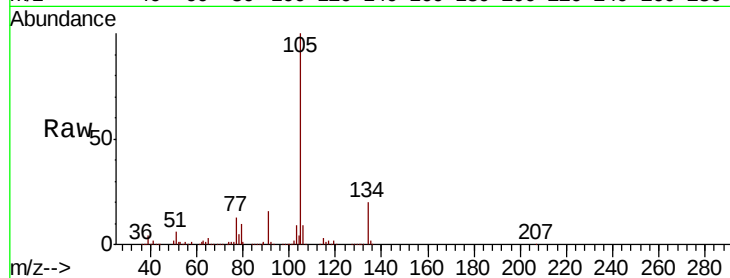
134 20.4 9.8 29.5

Manual Integrations

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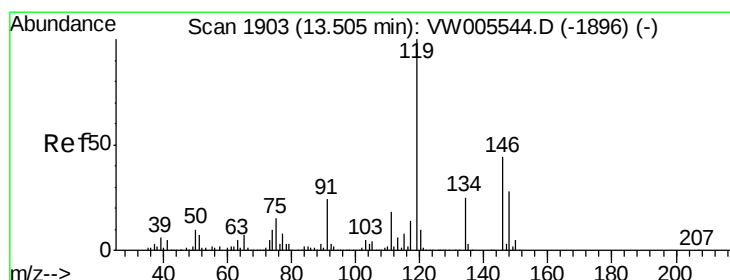
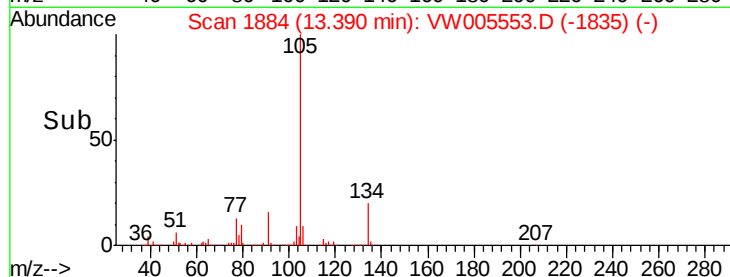
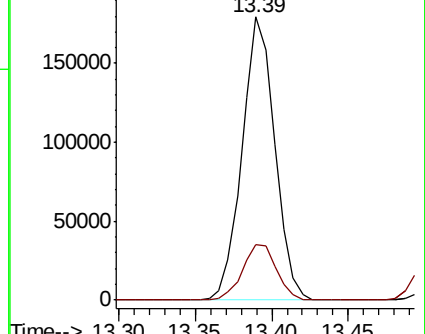
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.817 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

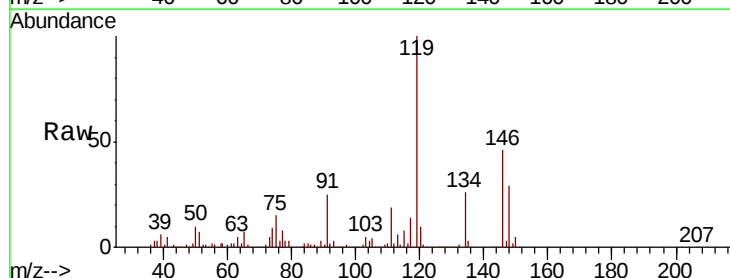
Tgt Ion:119 Resp: 241263

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

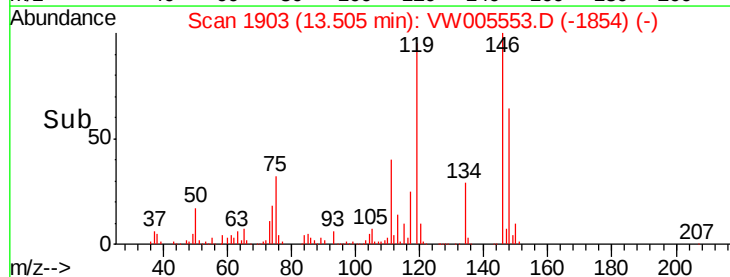
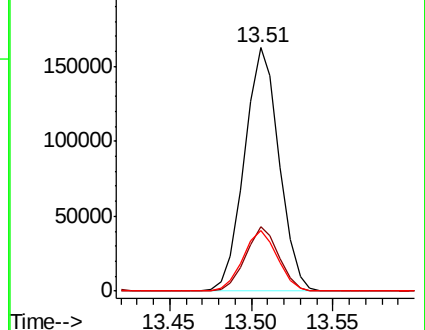
91 24.5 12.2 36.4

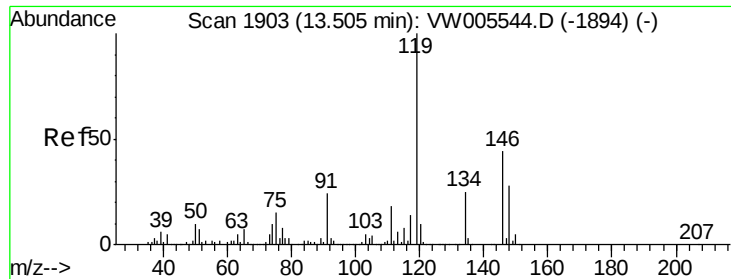


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.027 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

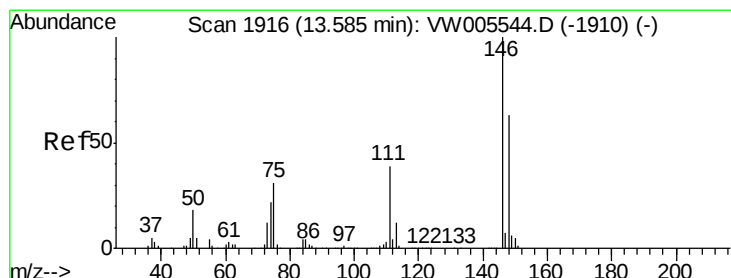
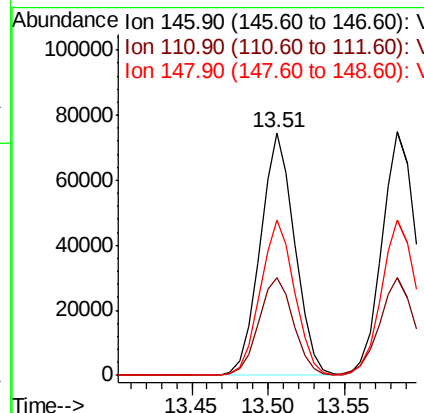
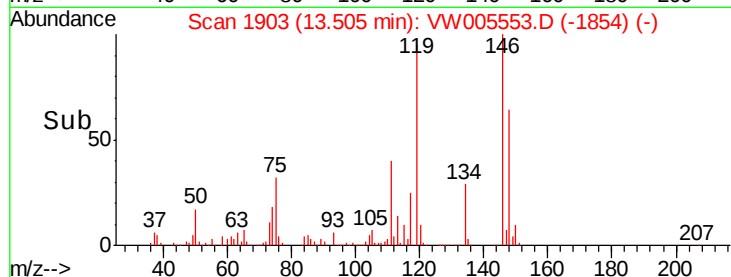
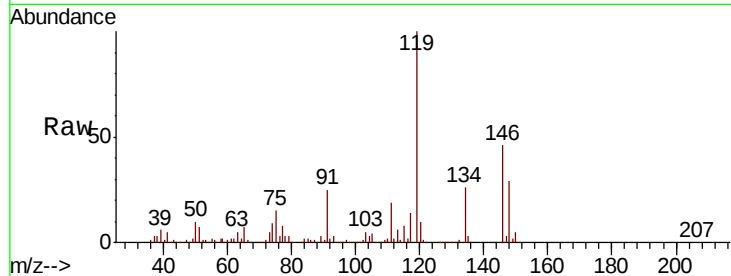
ClientSampleId :

VW0922SBSD01

Tot Ion:	146	Resp:	117136
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.9
148	63.6	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.955 ug/l

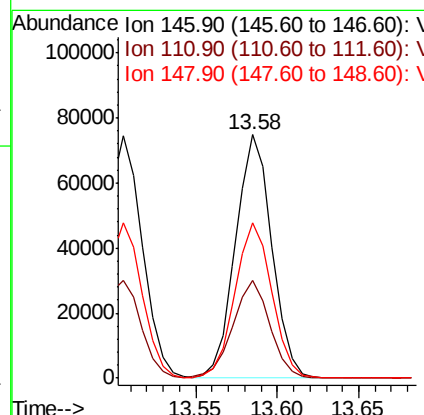
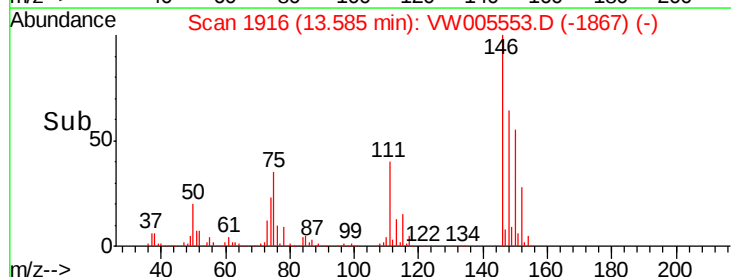
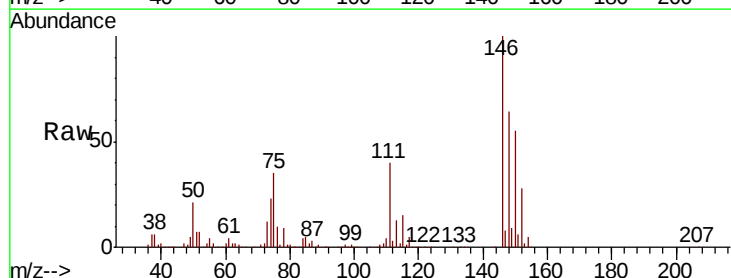
RT: 13.58 min Scan# 1916

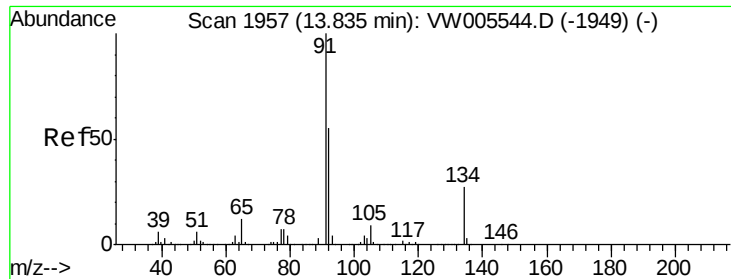
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	146	Resp:	116084
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.9	59.7
148	64.5	32.1	96.3





#89

n-Butylbenzene

Concen: 20.672 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

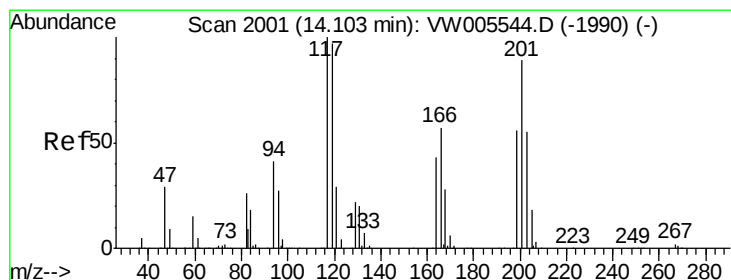
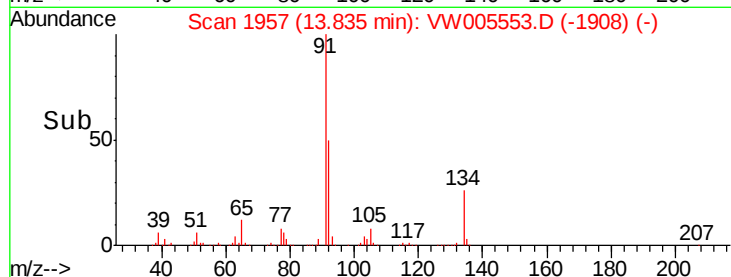
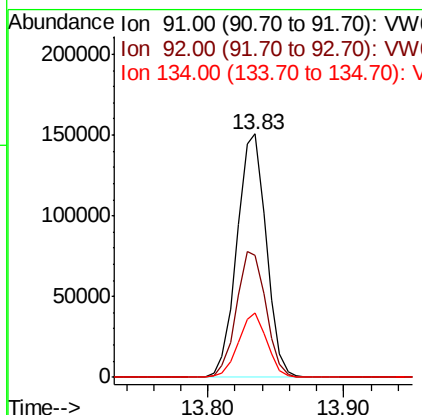
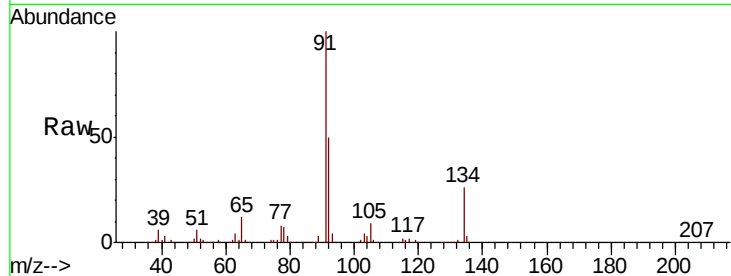
ClientSampleId :

VW0922SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		225988		
92	51.9	26.5	79.5		
134	25.8	12.9	38.7		

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#90

Hexachloroethane

Concen: 20.350 ug/l

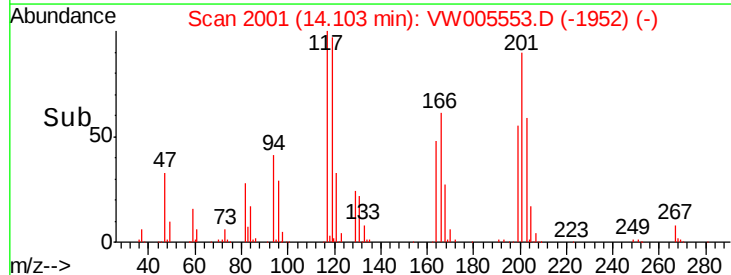
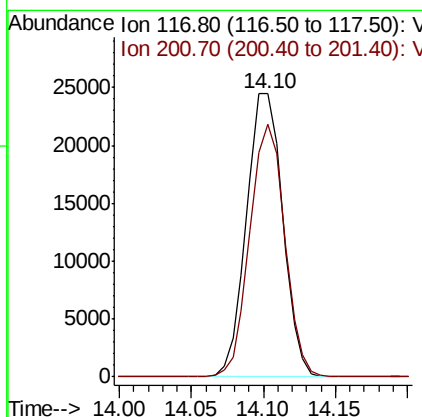
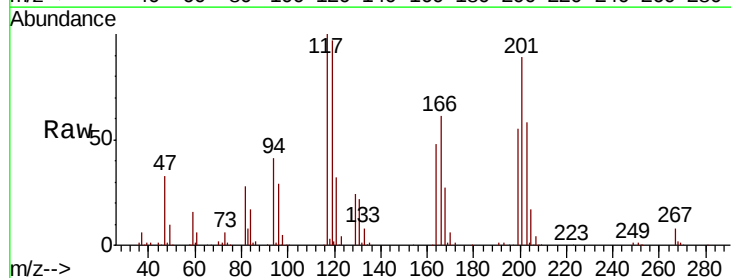
RT: 14.10 min Scan# 2001

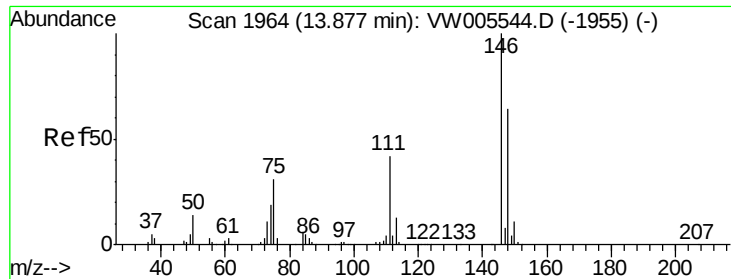
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		42748		
201	85.7	42.8	128.3		





#91

1,2-Dichlorobenzene

Concen: 19.759 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Instrument :

MSVOA_W

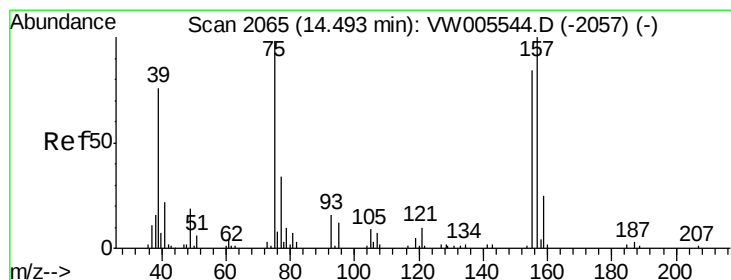
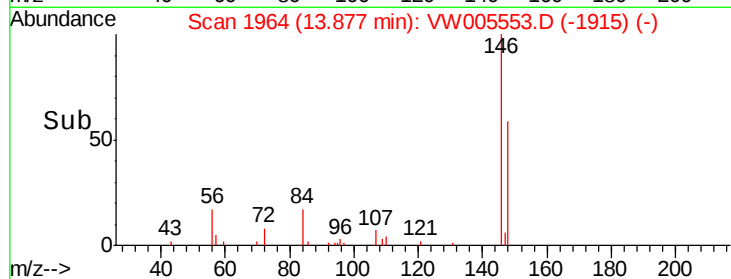
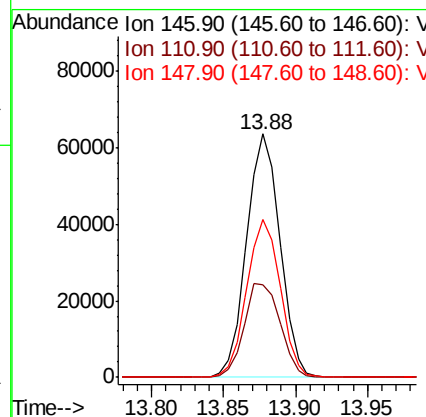
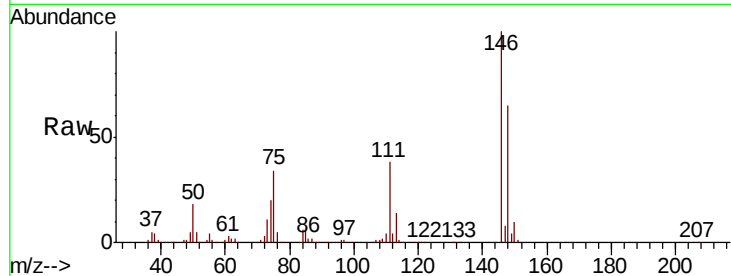
ClientSampleId :

VW0922SBSD01

Tot Ion:	146	Resp:	102025
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.3	63.9
148	65.1	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.232 ug/l

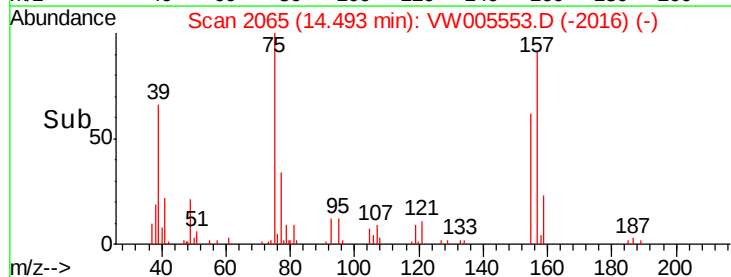
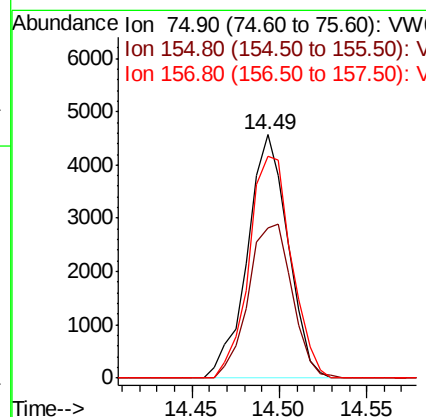
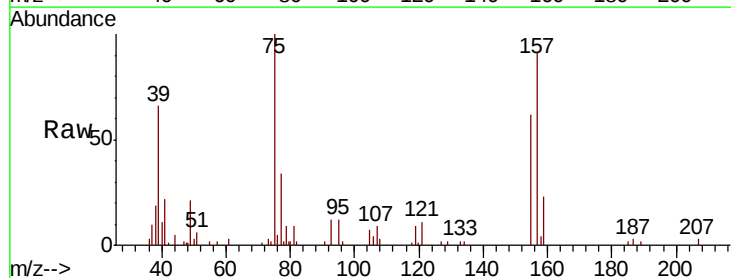
RT: 14.49 min Scan# 2065

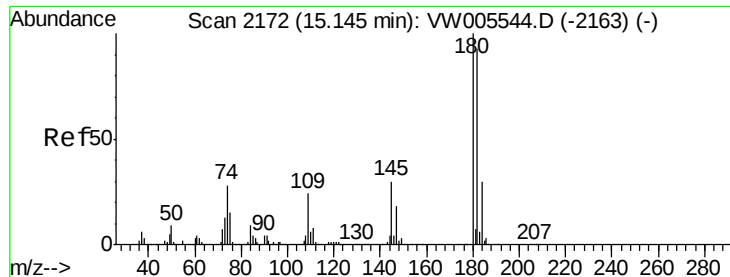
Delta R.T. 0.00 min

Lab File: VW005553.D

Acq: 21 Sep 2018 12:14

Tgt Ion:	75	Resp:	7428
Ion Ratio	Lower	Upper	
75	100		
155	68.2	39.1	117.5
157	95.1	50.8	152.4





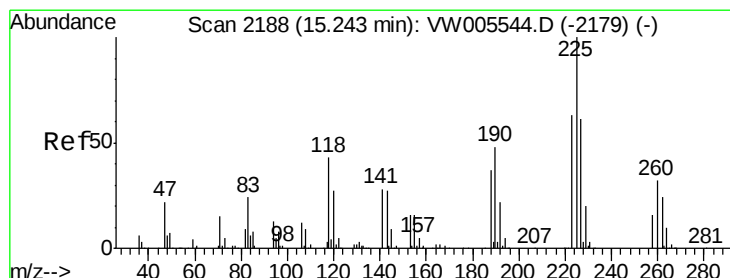
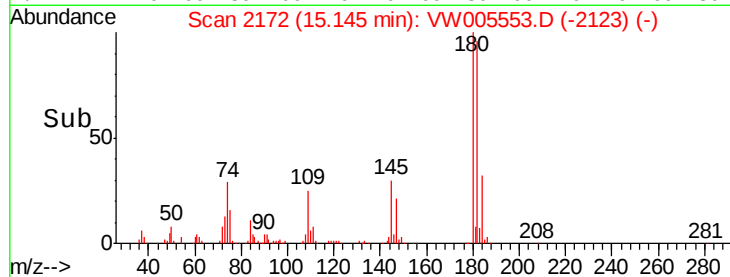
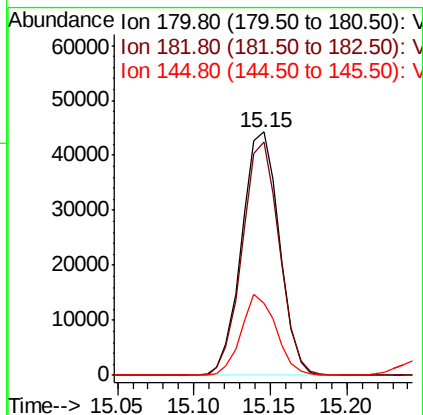
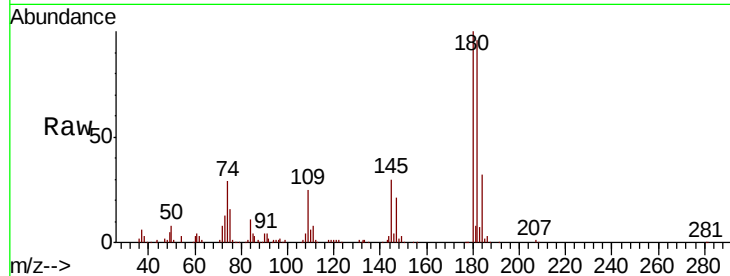
#93
 1,2,4-Trichlorobenzene
 Concen: 20.542 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	30.9	15.0	45.1

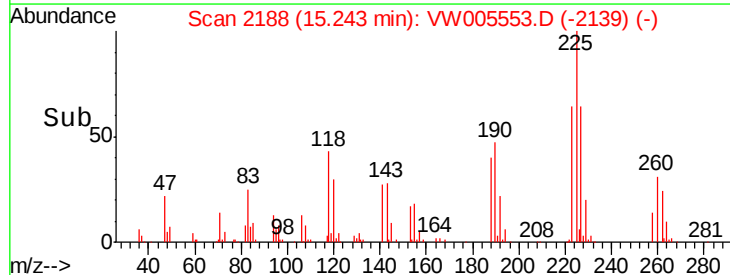
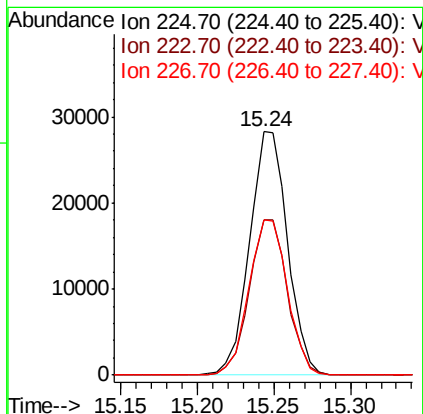
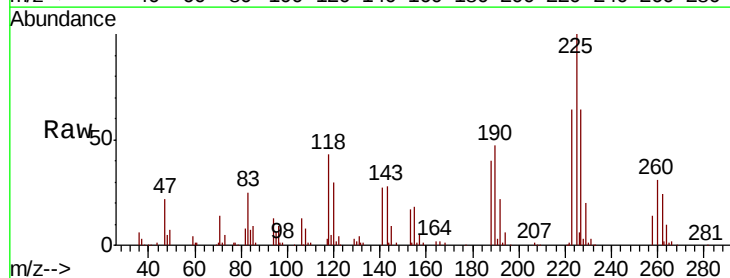
Manual Integrations
 APPROVED

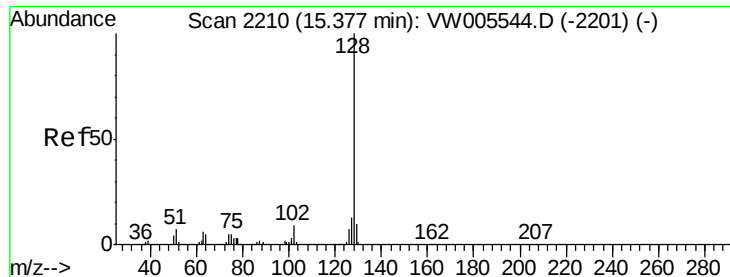
apatel
 9/24/2018 11:32:12 AM



#94
 Hexachlorobutadiene
 Concen: 20.398 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005553.D
 Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.3
227	64.8	31.8	95.3





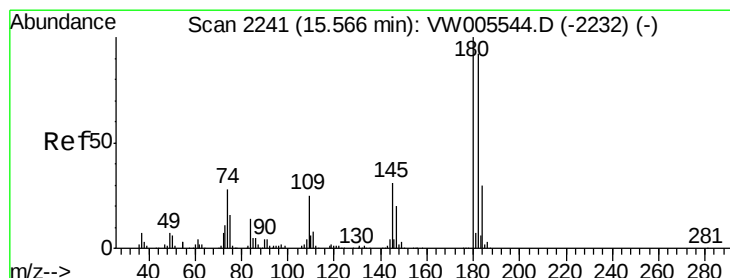
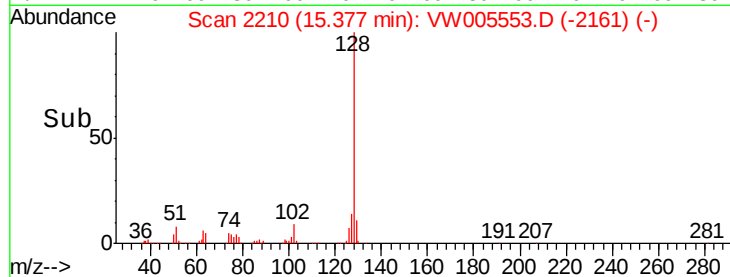
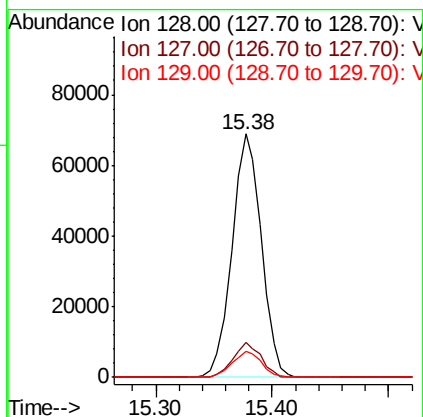
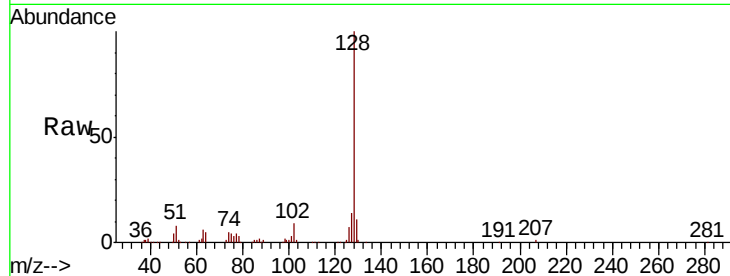
#95
Naphthalene
Concen: 19.487 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
9/24/2018 11:32:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.215 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005553.D
Acq: 21 Sep 2018 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	31.8	16.0	47.9

