

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006951.D
 Acq On : 19 Nov 2018 19:18
 Operator : SY/AP
 Sample : VW1120SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Manual Integrations
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 11/20/2018 5:56:13 PM

Quant Time: Nov 20 05:39:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65883	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.89	113	57917	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.33	98	245278	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	97595	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26543	22.608	ug/l	97
3) Chloromethane	2.21	50	21338	20.190	ug/l	98
4) Vinyl Chloride	2.36	62	21305	21.265	ug/l	100
5) Bromomethane	2.78	94	10768	20.009	ug/l	97
6) Chloroethane	2.92	64	11346	20.564	ug/l	95
7) Trichlorofluoromethane	3.26	101	40605	20.824	ug/l	97
8) Diethyl Ether	3.69	74	13870	19.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26436	20.993	ug/l	96
10) Methyl Iodide	4.28	142	26872	19.492	ug/l	99
11) Tert butyl alcohol	5.20	59	10152	97.647	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	22875	20.247	ug/l	95
13) Acrolein	3.90	56	10736	113.884	ug/l	96
14) Allyl chloride	4.68	41	38165	19.203	ug/l	99
15) Acrylonitrile	5.38	53	27294	99.385	ug/l	100
16) Acetone	4.14	43	20514	98.138	ug/l	95
17) Carbon Disulfide	4.39	76	71950	20.131	ug/l	100
18) Methyl Acetate	4.68	43	14040	18.354	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69004	20.835	ug/l	96
20) Methylene Chloride	4.92	84	32357	20.484	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	27132	20.132	ug/l	94
22) Diisopropyl ether	6.32	45	79883	19.691	ug/l	96
23) Vinyl Acetate	6.26	43	218549	97.286	ug/l	100
24) 1,1-Dichloroethane	6.23	63	45648	19.541	ug/l	99
25) 2-Butanone	7.18	43	36546	105.273	ug/l	100
26) 2,2-Dichloropropane	7.17	77	41133	20.181	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	29527	19.706	ug/l	98
28) Bromochloromethane	7.52	49	17137	19.974	ug/l #	96
29) Tetrahydrofuran	7.54	42	23194	102.735	ug/l	98
30) Chloroform	7.68	83	49054	19.155	ug/l	98
31) Cyclohexane	7.96	56	50020	21.374	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	45808	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	41296	22.114	ug/l	99
37) Ethyl Acetate	7.26	43	16810	21.171	ug/l	100
38) Carbon Tetrachloride	8.07	117	39127	21.320	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48567	20.956	ug/l	99
40) Benzene	8.33	78	109472	20.742	ug/l	100
41) Methacrylonitrile	7.49	41	9860	20.275	ug/l	95
42) 1,2-Dichloroethane	8.40	62	32711	20.703	ug/l	100
43) Isopropyl Acetate	8.43	43	30406	19.958	ug/l	100
44) Trichloroethene	9.10	130	30599	21.563	ug/l	98
45) 1,2-Dichloropropane	9.37	63	27910	20.935	ug/l	97
46) Dibromomethane	9.46	93	13966	20.686	ug/l	97
47) Bromodichloromethane	9.65	83	37820	21.274	ug/l	99
48) Methyl methacrylate	9.44	41	13793	18.762	ug/l	98
49) 1,4-Dioxane	9.47	88	3840	375.334	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	77940	103.799	ug/l	98
52) Toluene	10.39	92	73510	20.819	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	35213	20.268	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	43768	21.051	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	21027	21.122	ug/l	97
56) Ethyl methacrylate	10.65	69	24109	19.479	ug/l	94
57) 1,3-Dichloropropane	10.93	76	35608	21.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	65163	107.094	ug/l	99
59) 2-Hexanone	10.98	43	52973	105.411	ug/l	98
60) Dibromochloromethane	11.13	129	24037	21.174	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19162	20.711	ug/l	100
64) Tetrachloroethene	10.87	164	24163	19.994	ug/l	97
65) Chlorobenzene	11.66	112	81334	20.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24952	19.752	ug/l	97
67) Ethyl Benzene	11.74	91	147500	20.638	ug/l	98
68) m/p-Xylenes	11.84	106	116126	41.724	ug/l	99
69) o-Xylene	12.17	106	54375	20.585	ug/l	99
70) Styrene	12.18	104	88055	20.729	ug/l	99
71) Bromoform	12.35	173	12357	20.982	ug/l #	98
73) Isopropylbenzene	12.47	105	147909	19.866	ug/l	100
74) N-amyl acetate	12.27	43	26433	17.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	22031	20.117	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	20333m	26.913	ug/l	
77) Bromobenzene	12.75	156	32531	20.616	ug/l	97
78) n-propylbenzene	12.81	91	177858	19.881	ug/l	99
79) 2-Chlorotoluene	12.90	91	103864	19.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	128638	20.065	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6127	18.461	ug/l	96
82) 4-Chlorotoluene	12.99	91	109439	19.798	ug/l	99
83) tert-Butylbenzene	13.21	119	110647	20.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	128052	19.882	ug/l	98
85) sec-Butylbenzene	13.39	105	156932	20.202	ug/l	99
86) p-Isopropyltoluene	13.51	119	138228	20.360	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	66886	20.729	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	66200	20.586	ug/l	98
89) n-Butylbenzene	13.83	91	129204	20.105	ug/l	99
90) Hexachloroethane	14.10	117	19126	17.280	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	59591	20.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3596	18.975	ug/l	96

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MSVOA_W
ClientSampleId :
VW1120SBSD01

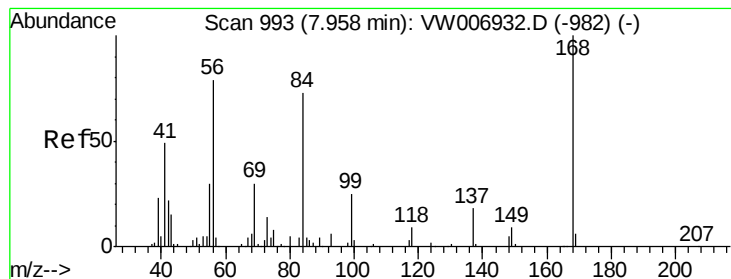
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Quant Time: Nov 20 05:39:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	37274	20.532	ug/l	99
94) Hexachlorobutadiene	15.24	225	19374	20.203	ug/l	97
95) Naphthalene	15.38	128	67649	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30499	19.598	ug/l	98

(#) = 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. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion:168 Resp: 122626

Ion Ratio Lower Upper

168 100

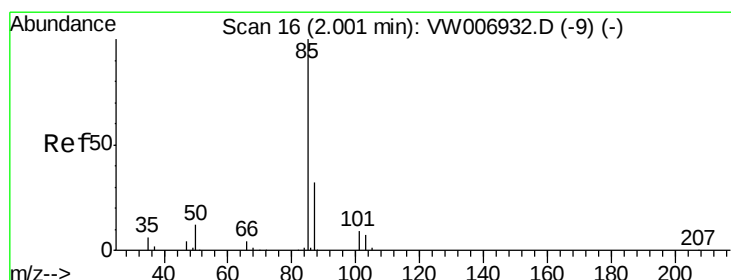
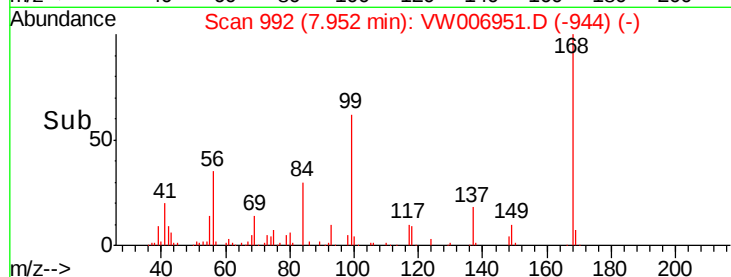
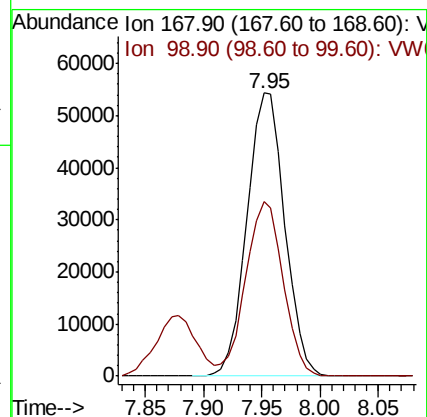
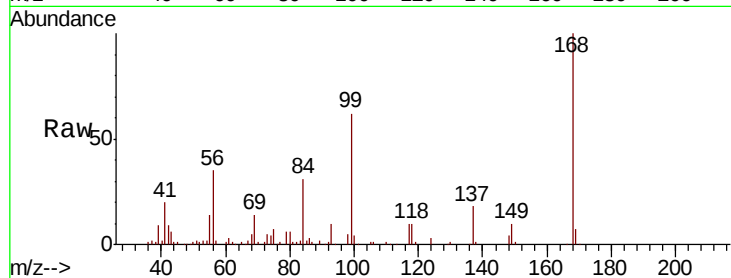
99 61.4 49.3 73.9

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#2

Dichlorodifluoromethane

Concen: 22.608 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006951.D

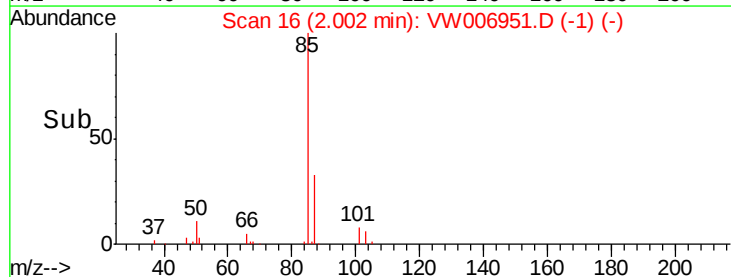
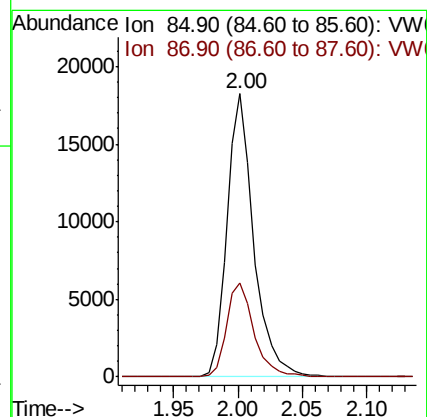
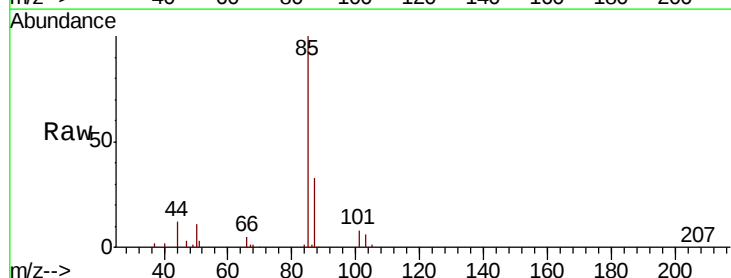
Acq: 19 Nov 2018 19:18

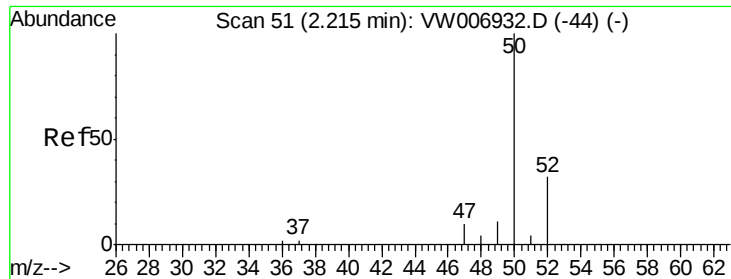
Tgt Ion: 85 Resp: 26543

Ion Ratio Lower Upper

85 100

87 33.4 16.0 48.0





#3

Chloromethane

Concen: 20.190 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

Tot Ion: 50 Resp: 21338

Ion Ratio Lower Upper

50 100

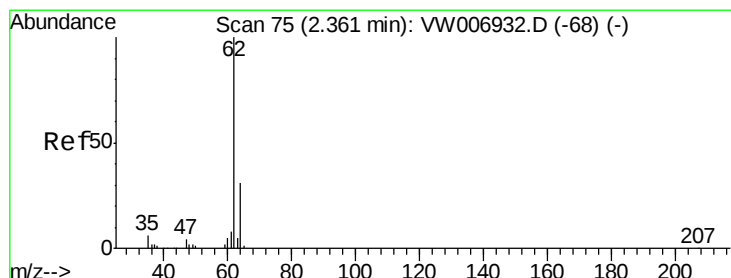
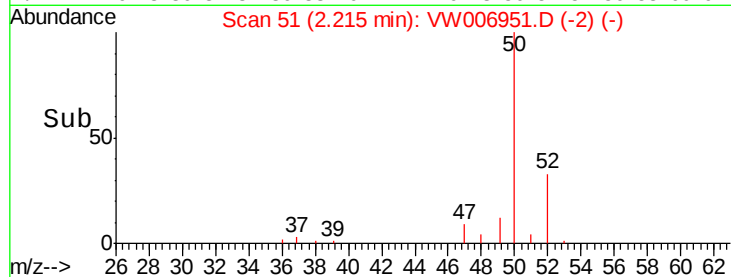
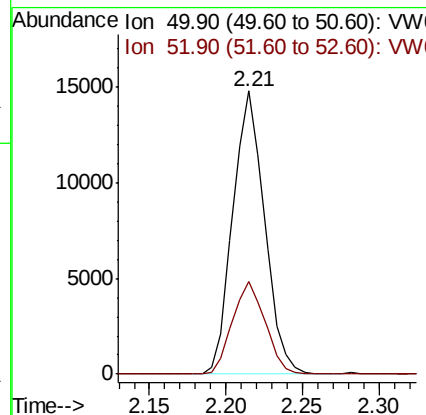
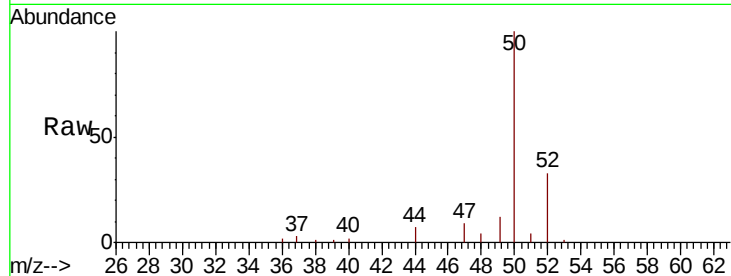
52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 21.265 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006951.D

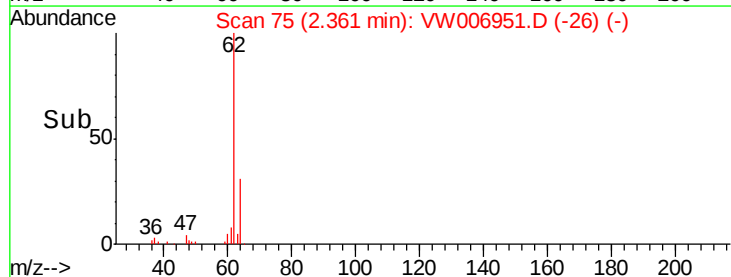
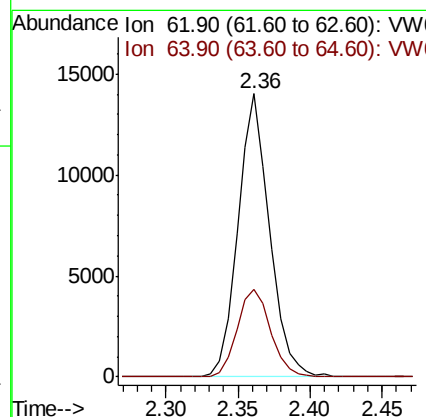
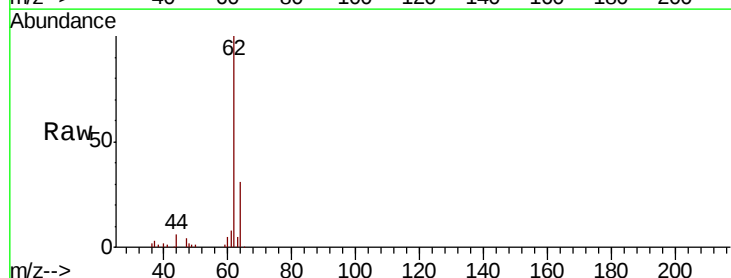
Acq: 19 Nov 2018 19:18

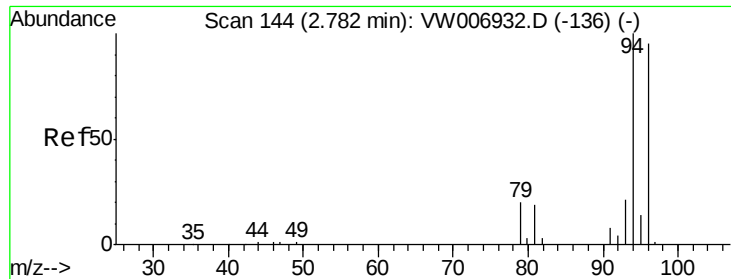
Tgt Ion: 62 Resp: 21305

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 20.009 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 94 Resp: 10768

Ion Ratio Lower Upper

94 100

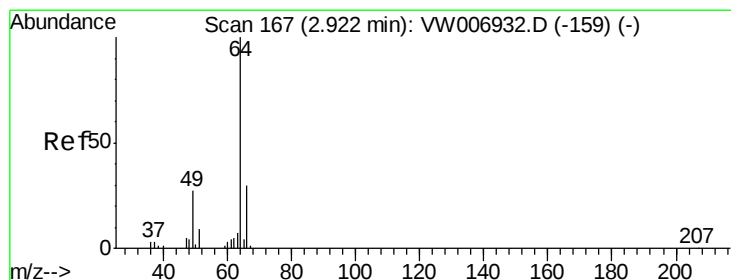
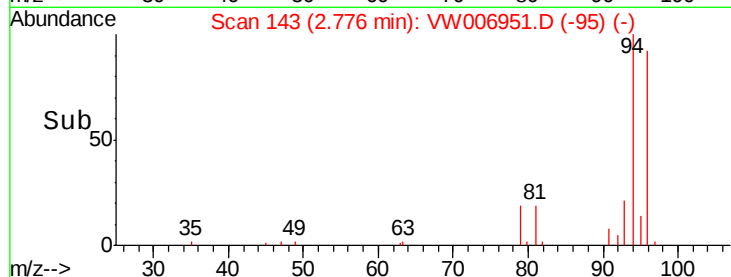
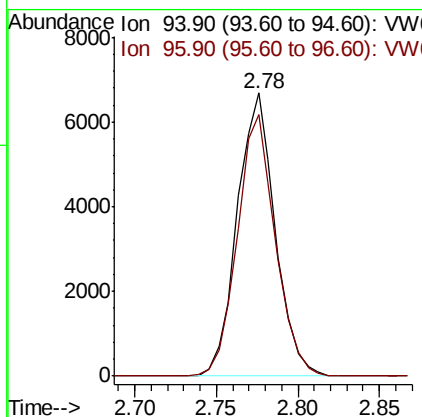
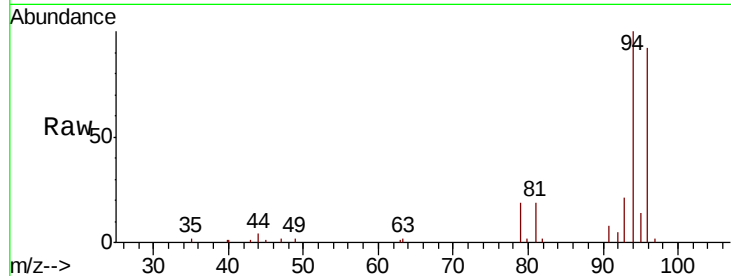
96 92.3 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 20.564 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006951.D

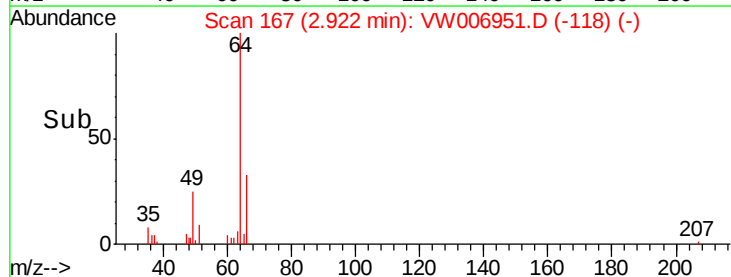
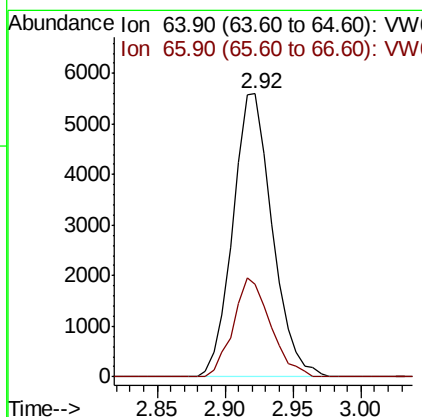
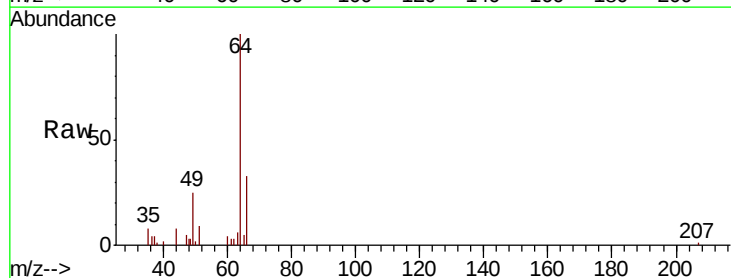
Acq: 19 Nov 2018 19:18

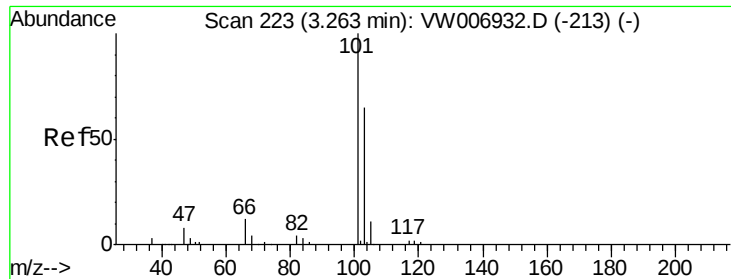
Tgt Ion: 64 Resp: 11346

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0





#7

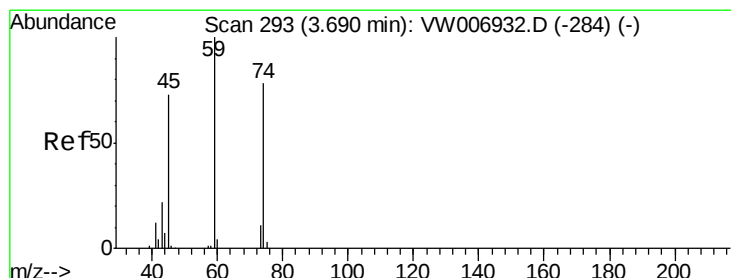
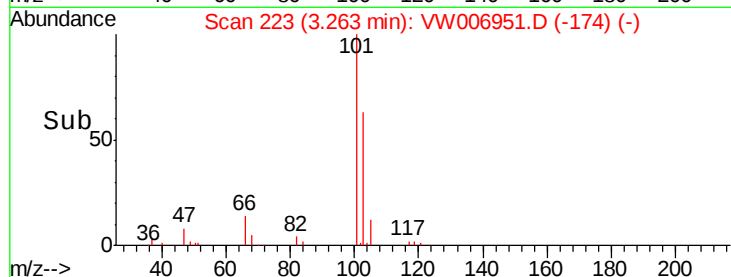
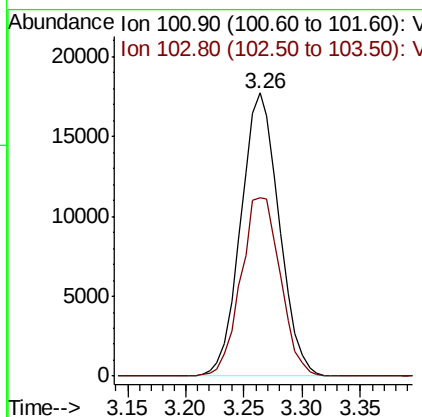
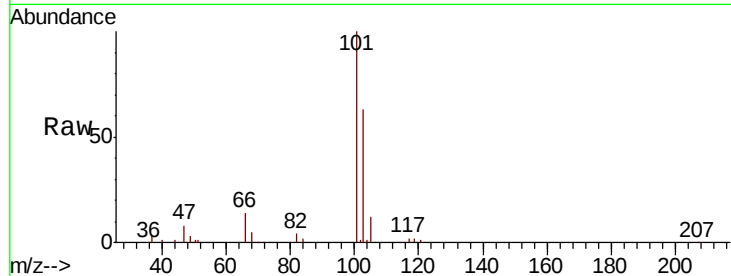
Trichlorofluoromethane
 Concen: 20.824 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.2	78.2

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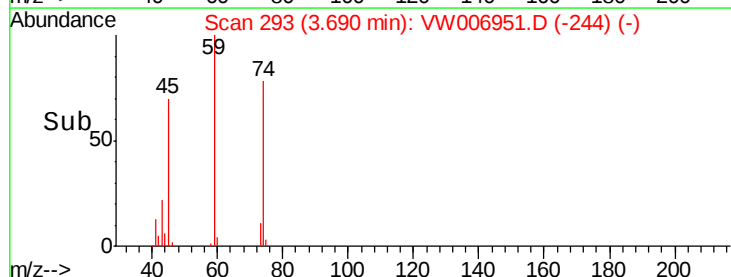
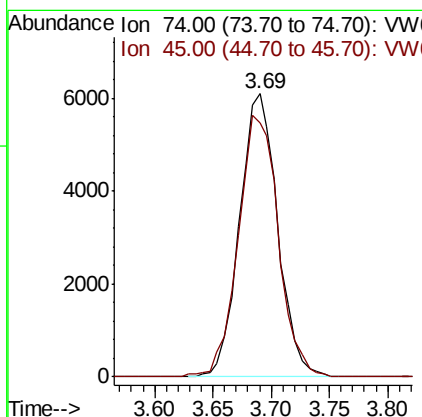
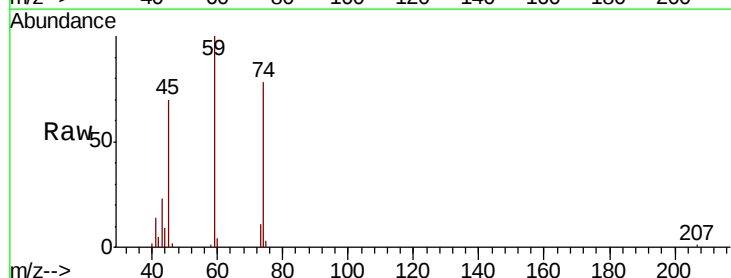
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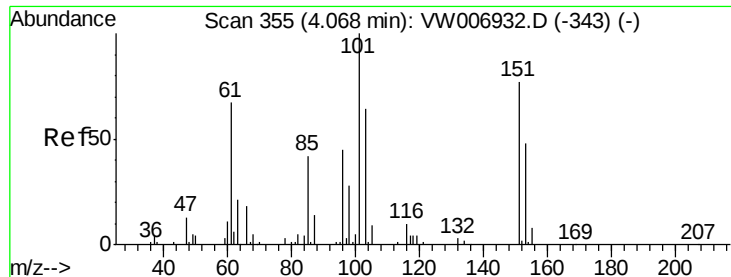


#8

Diethyl Ether
 Concen: 19.656 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.993 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

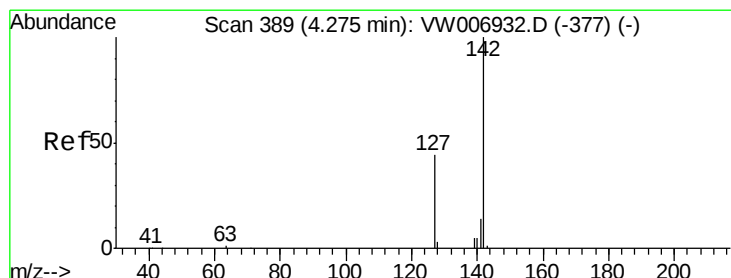
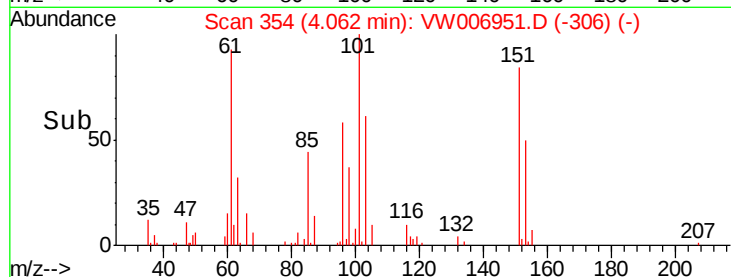
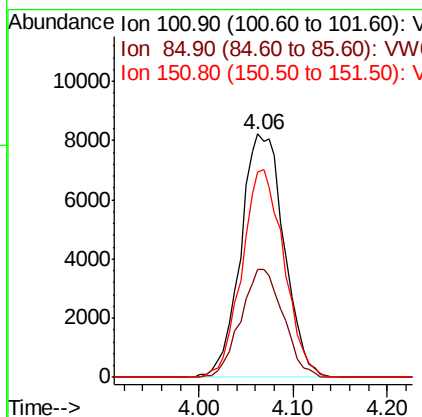
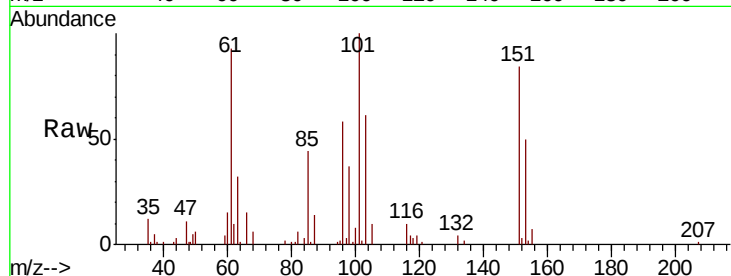
ClientSampleId :

VW1120SBS01

Tot Ion:	101	Resp:	26436
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.5	51.7
151	82.6	61.5	92.3

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#10

Methyl Iodide

Concen: 19.492 ug/l

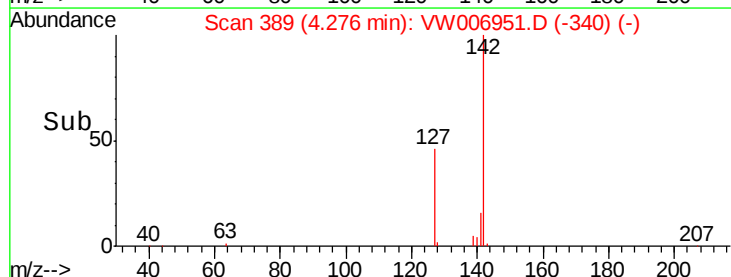
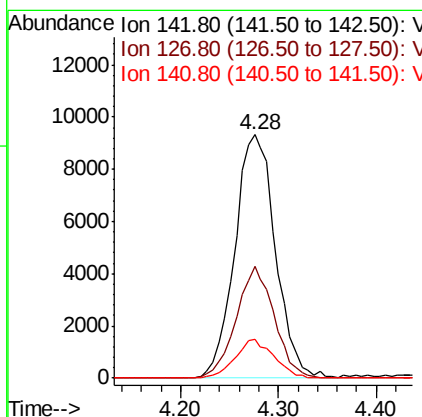
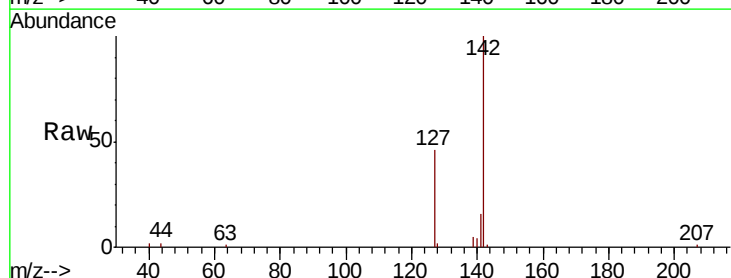
RT: 4.28 min Scan# 389

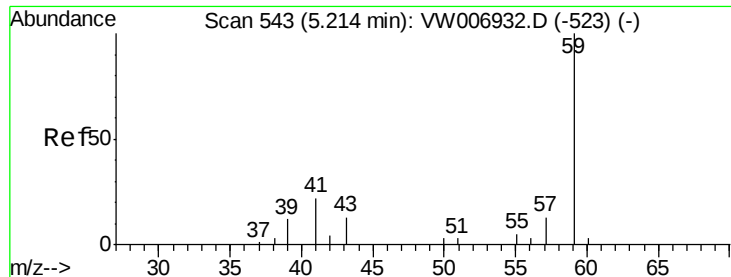
Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion:	142	Resp:	26872
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.4	51.6
141	15.0	11.5	17.3





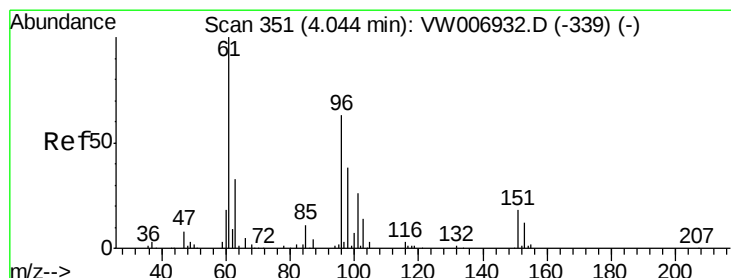
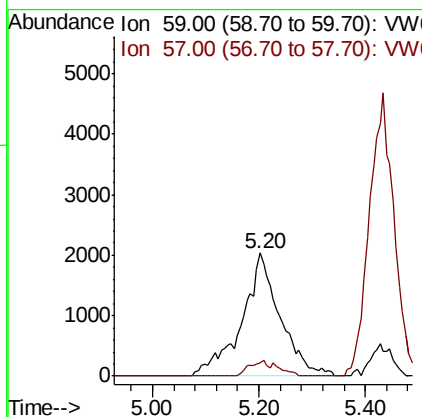
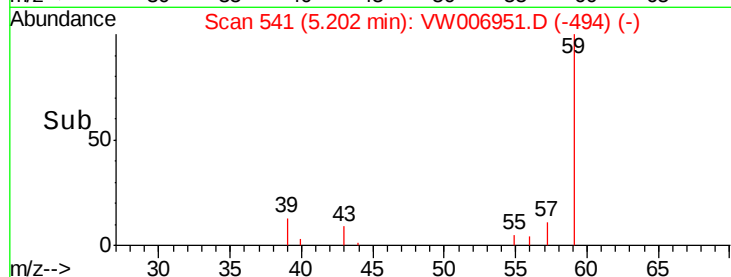
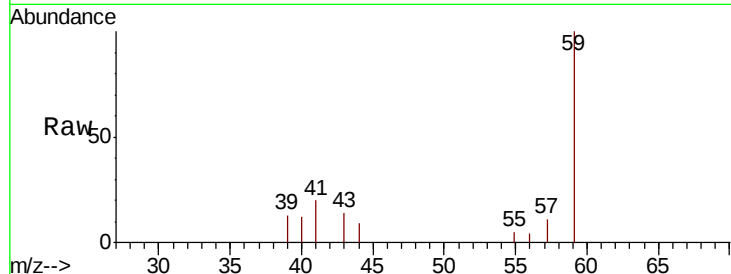
#11
Tert butyl alcohol
Concen: 97.647 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.2	8.8	13.2#

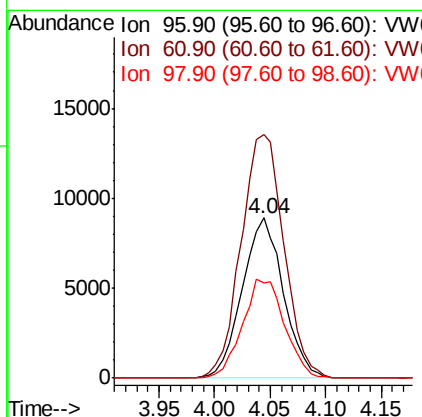
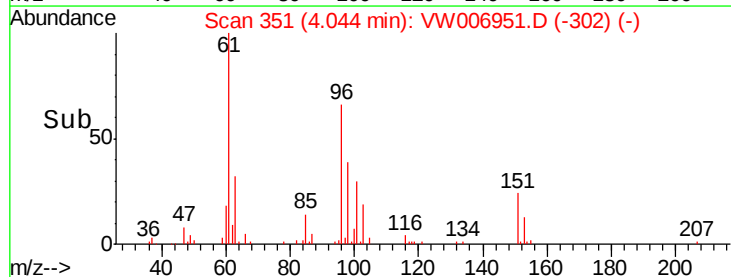
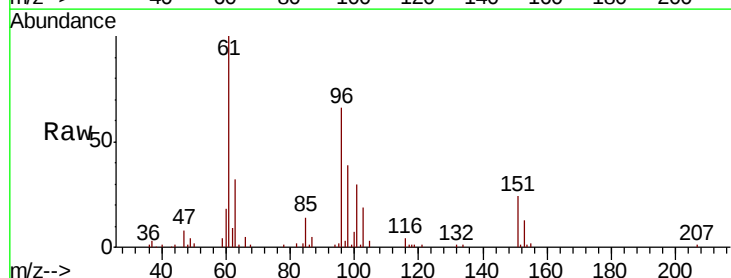
Manual Integrations
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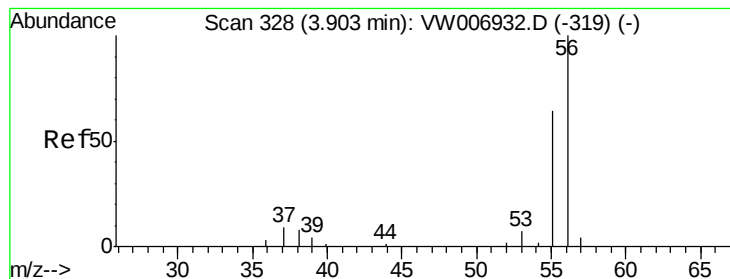
sam
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#12
1,1-Dichloroethene
Concen: 20.247 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	127.8	191.8
98	59.1	48.3	72.5





#13

Acrolein

Concen: 113.884 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 56 Resp: 10736

Ion Ratio Lower Upper

56 100

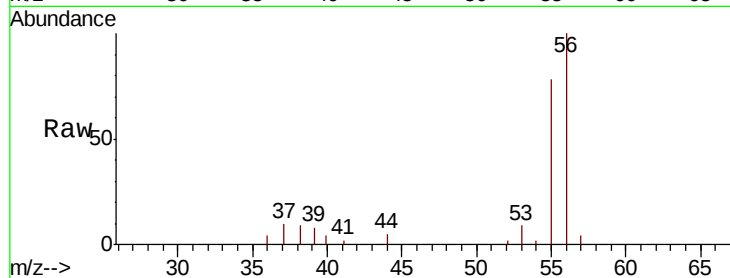
55 73.7 56.5 84.7

Manual Integrations

APPROVED

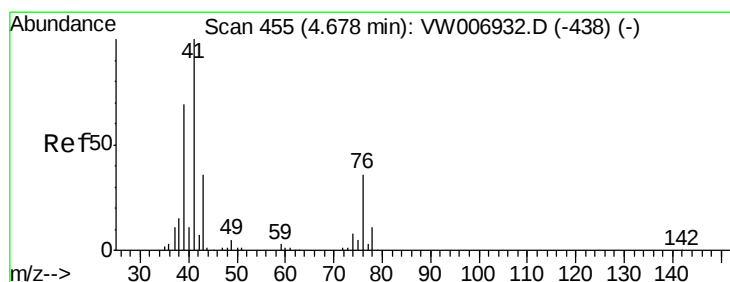
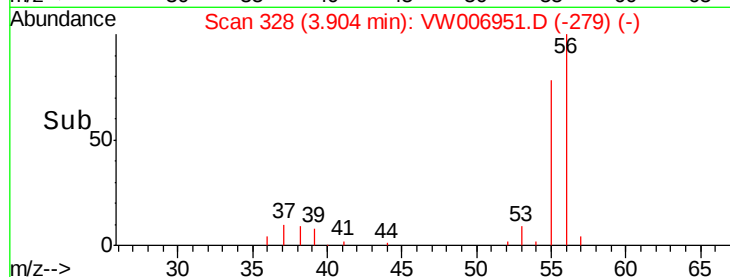
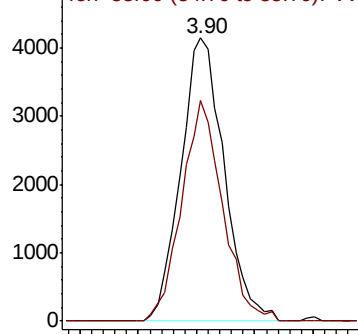
sam

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.203 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

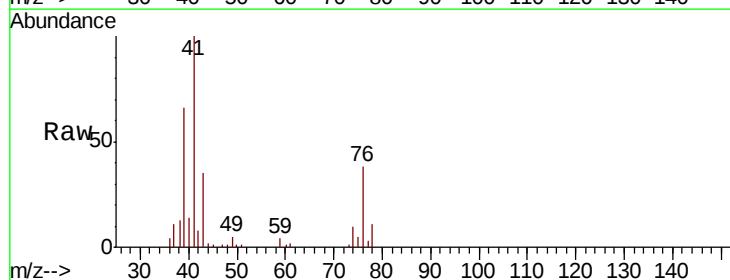
Tgt Ion: 41 Resp: 38165

Ion Ratio Lower Upper

41 100

39 68.2 55.0 82.4

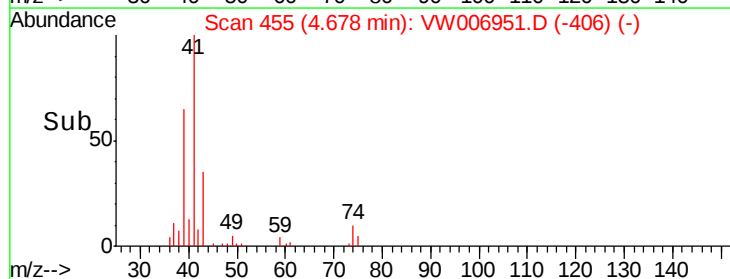
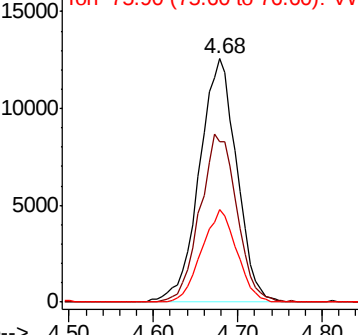
76 35.8 28.0 42.0

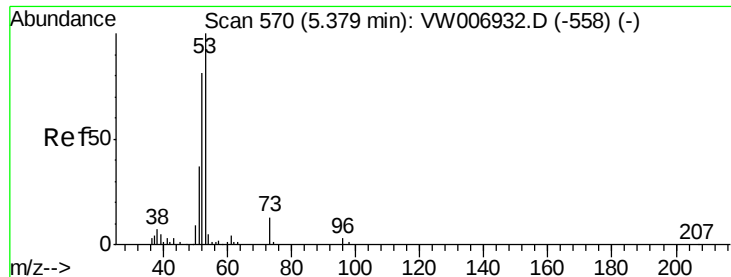


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.385 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

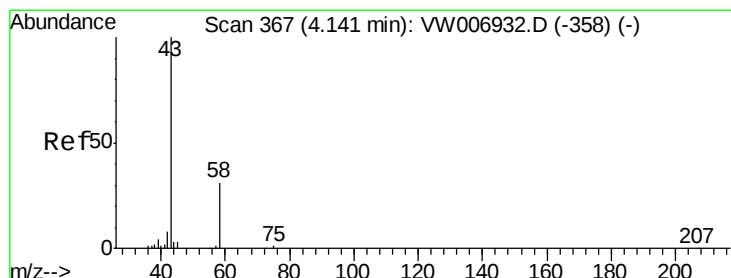
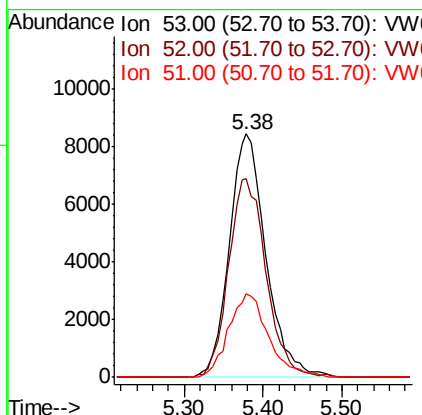
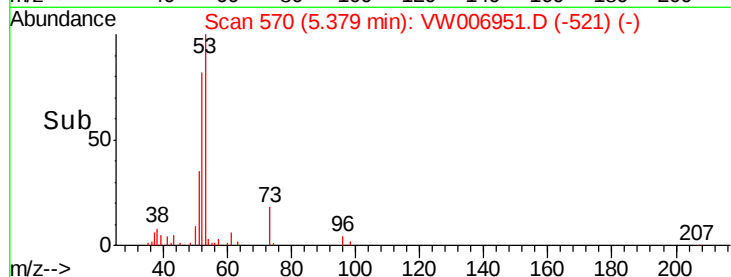
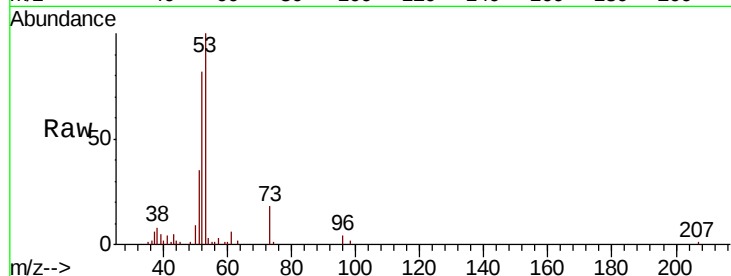
ClientSampleId :

VW1120SBS01

Tot Ion:	53	Resp:	27294
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.0	100.6
51	37.4	29.8	44.6

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#16

Acetone

Concen: 98.138 ug/l

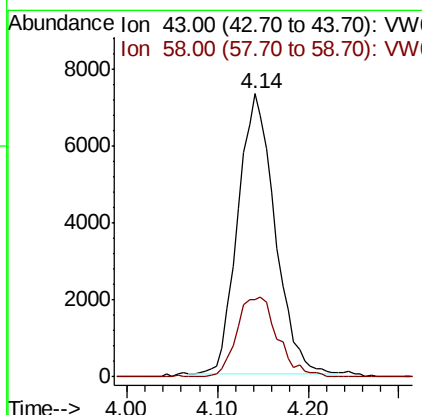
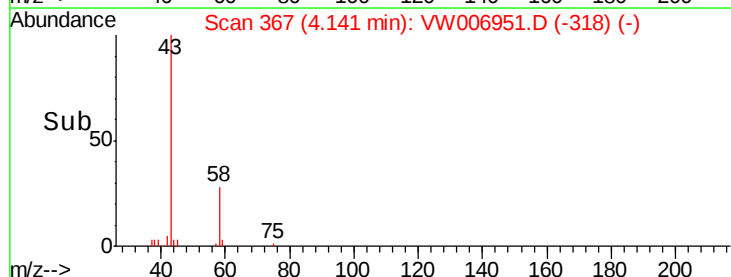
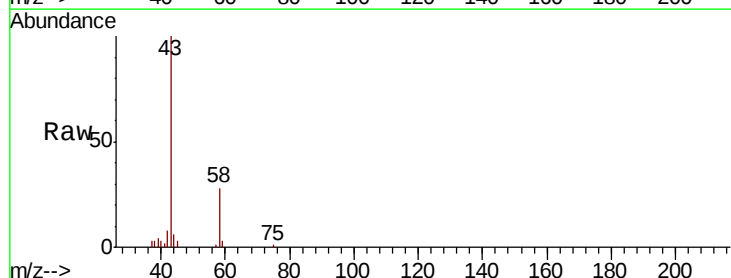
RT: 4.14 min Scan# 367

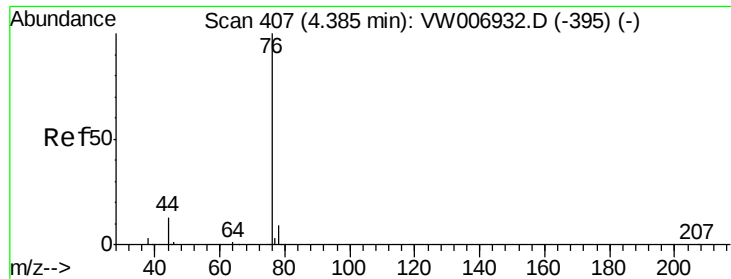
Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion:	43	Resp:	20514
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.4





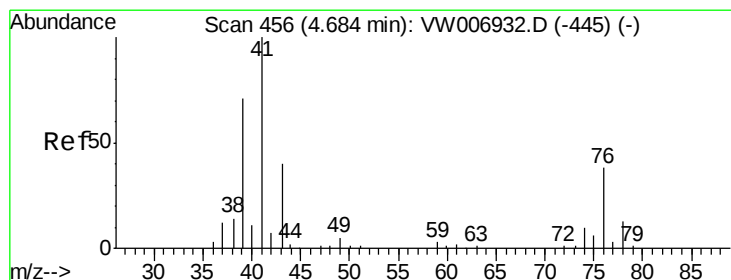
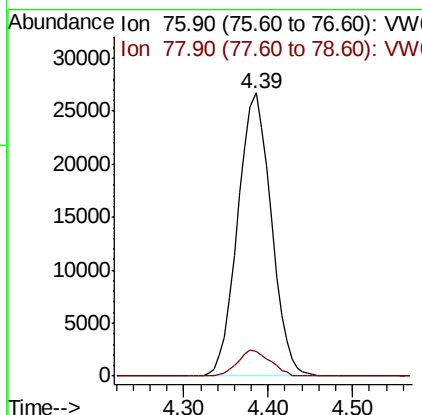
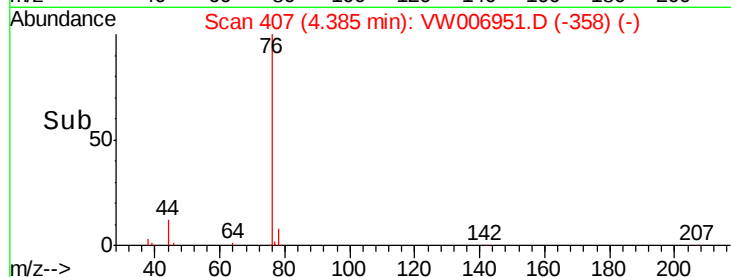
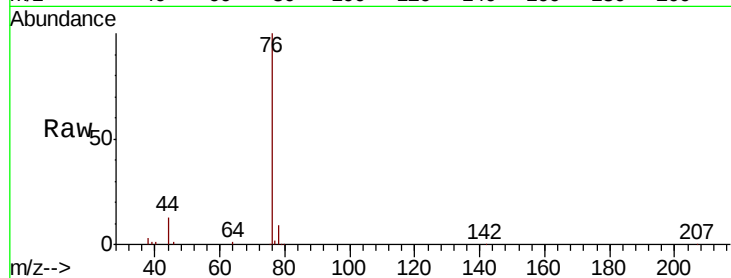
#17
Carbon Disulfide
Concen: 20.131 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

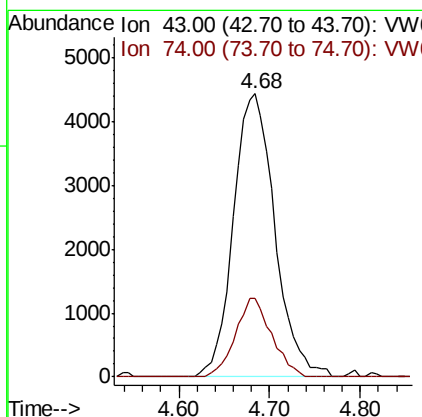
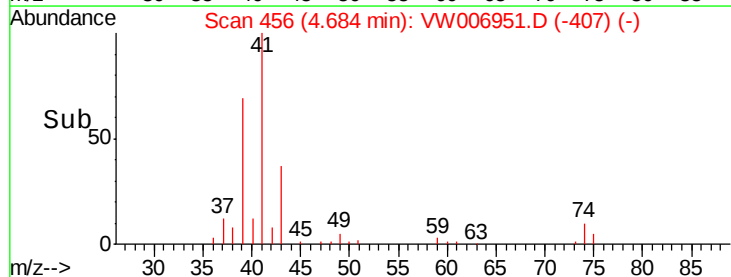
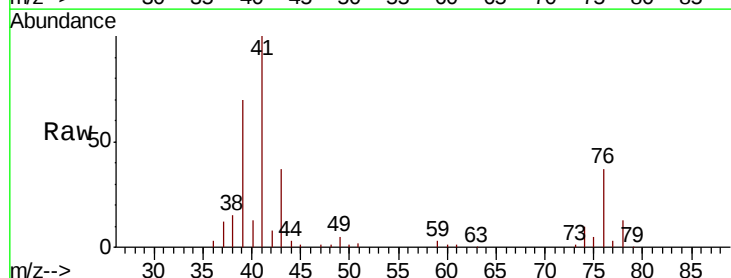
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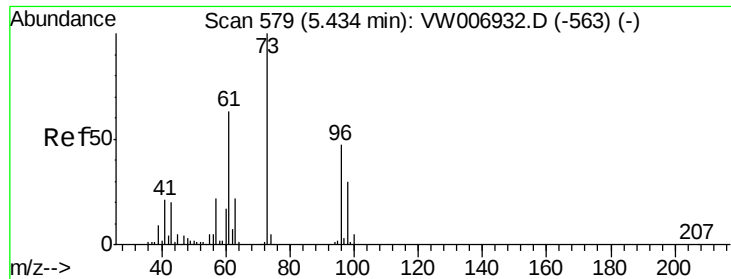
sam
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#18
Methyl Acetate
Concen: 18.354 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	20.3	30.5





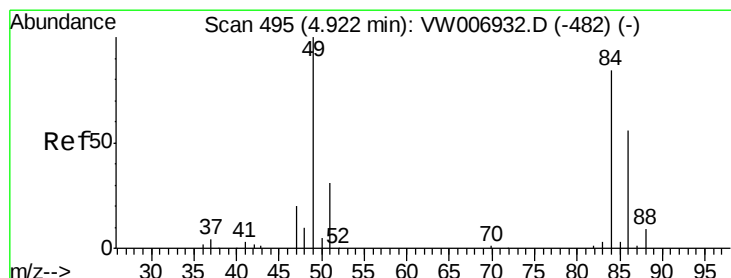
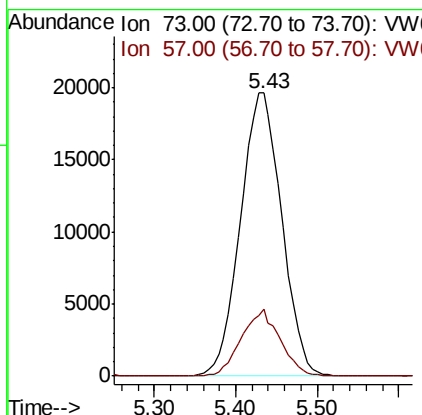
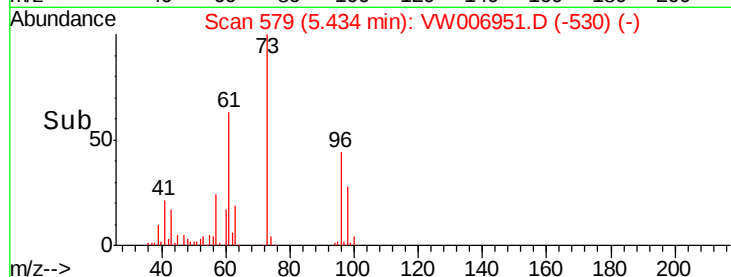
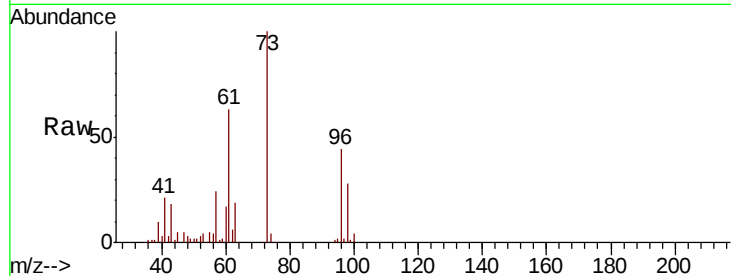
#19
Methvl tert-butvl Ether
Concen: 20.835 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion: 73 Resp: 69004
Ion Ratio Lower Upper
73 100
57 23.8 17.5 26.3

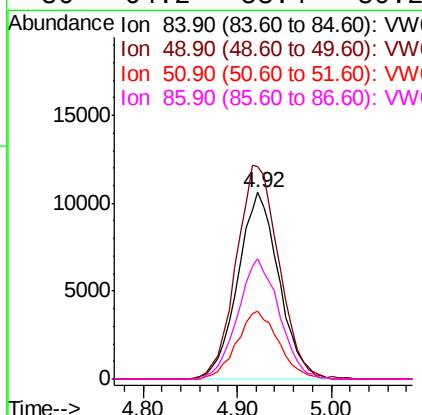
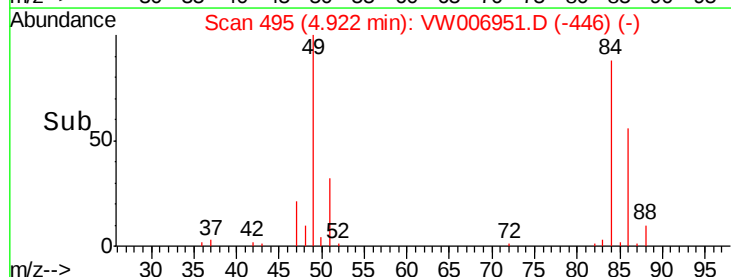
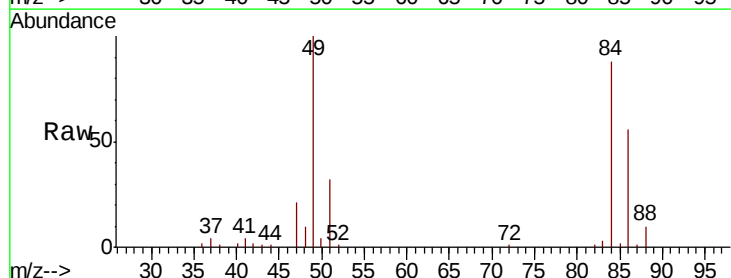
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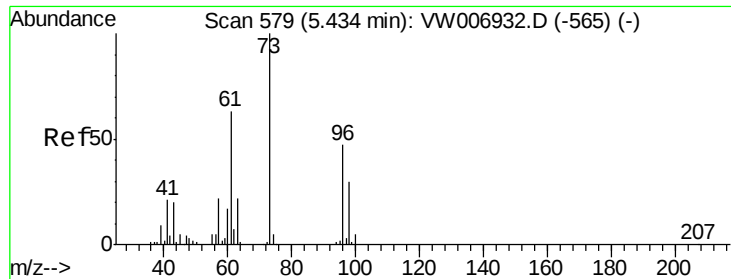
sam
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#20
Methylene Chloride
Concen: 20.484 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 84 Resp: 32357
Ion Ratio Lower Upper
84 100
49 114.0 95.4 143.2
51 36.6 29.5 44.3
86 64.2 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 20.132 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

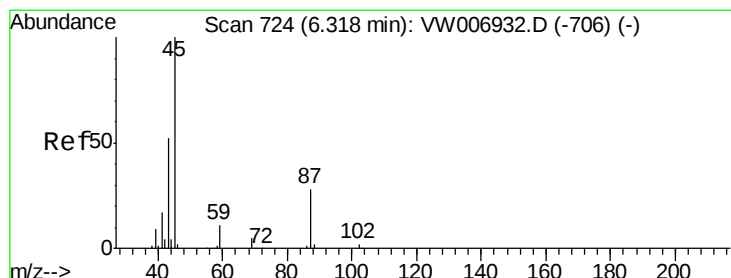
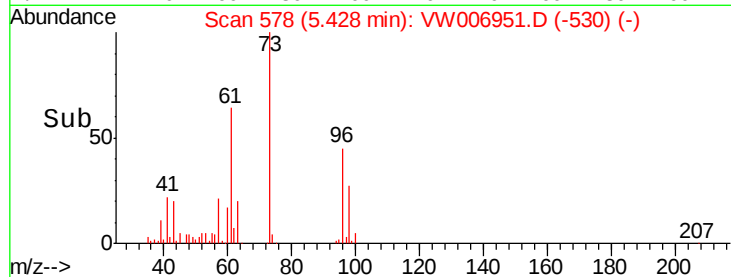
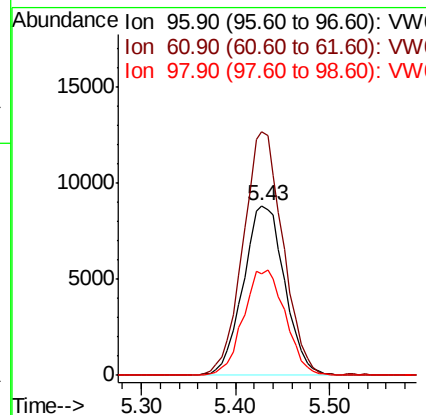
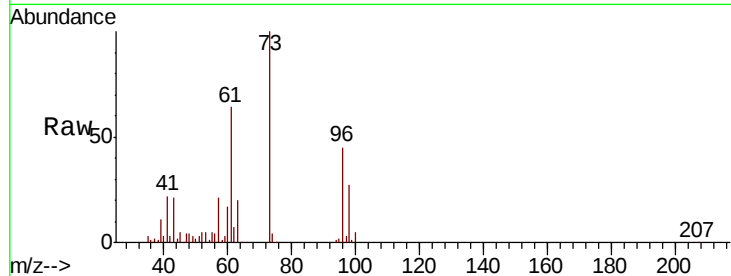
ClientSampleId :

VW1120SBS01

Tot Ion:	96	Resp:	27132
Ion	Ratio	Lower	Upper
96	100		
61	143.3	108.2	162.4
98	60.1	50.6	76.0

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#22

Diisopropyl ether

Concen: 19.691 ug/l

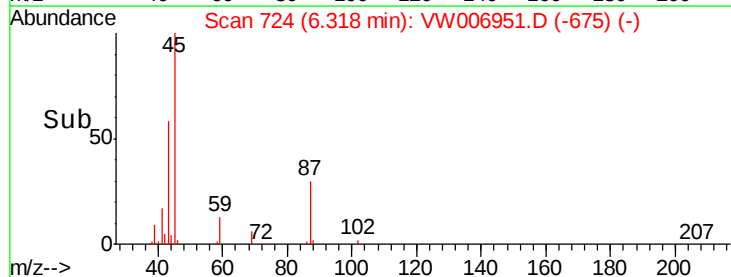
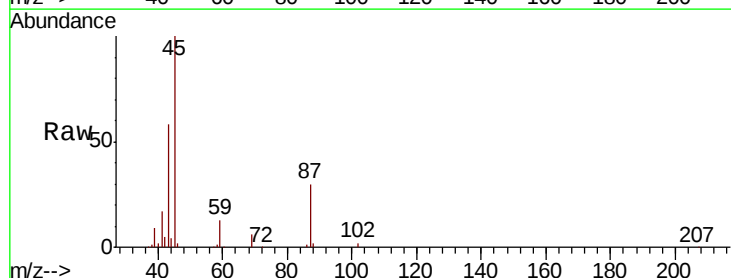
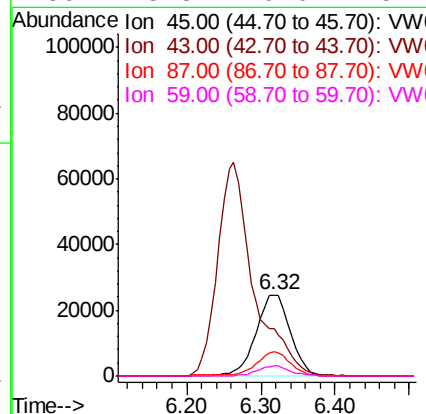
RT: 6.32 min Scan# 724

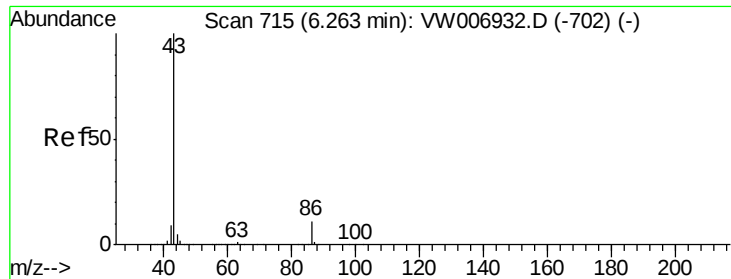
Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion:	45	Resp:	79883
Ion	Ratio	Lower	Upper
45	100		
43	57.1	43.1	64.7
87	30.0	22.7	34.1
59	13.3	9.0	13.4





#23

Vinyl Acetate

Concen: 97.286 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

Tot Ion: 43 Resp: 218549

Ion Ratio Lower Upper

43 100

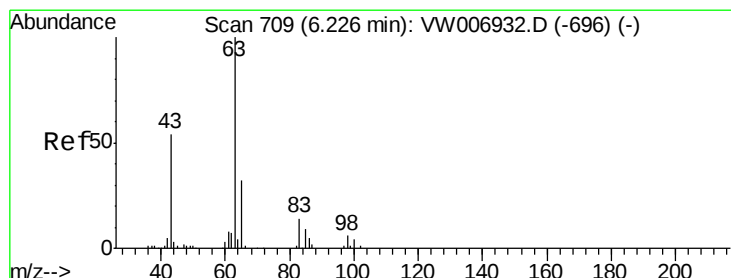
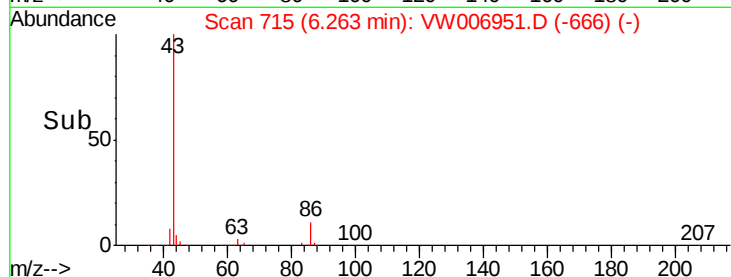
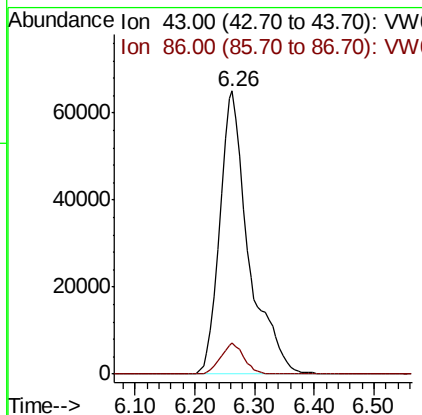
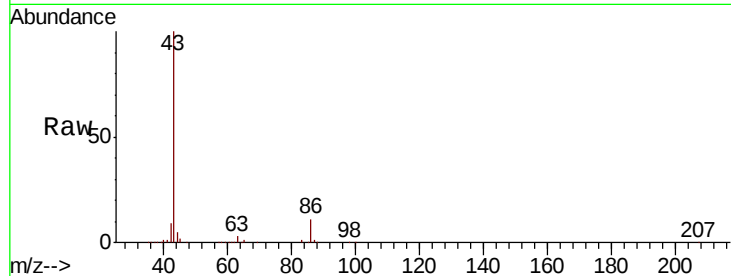
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.541 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

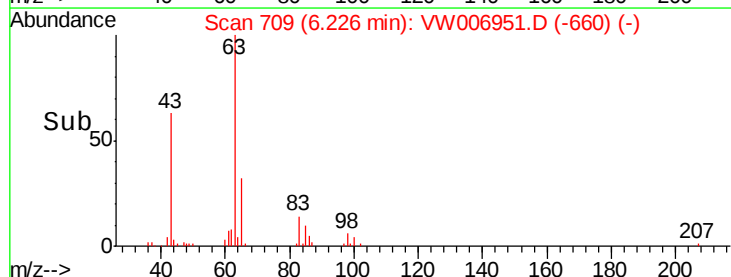
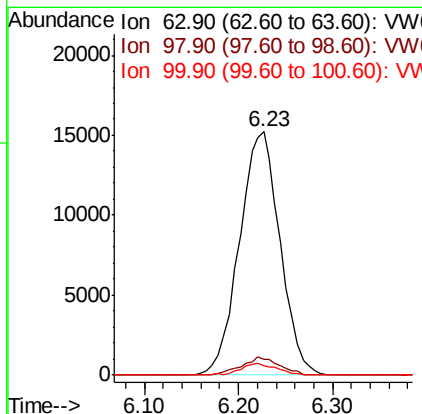
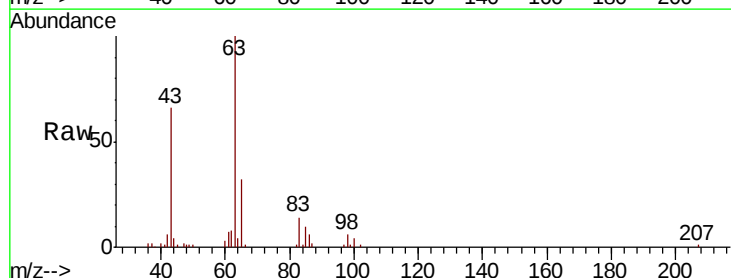
Tgt Ion: 63 Resp: 45648

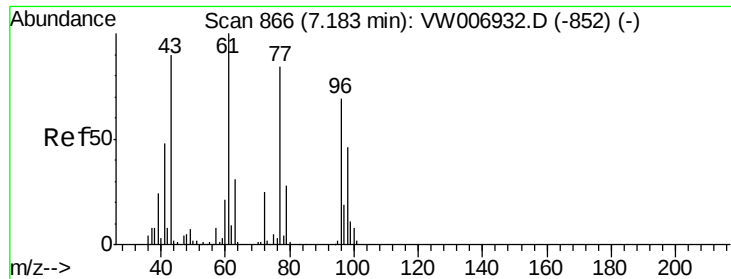
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 105.273 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 43 Resp: 36546

Ion Ratio Lower Upper

43 100

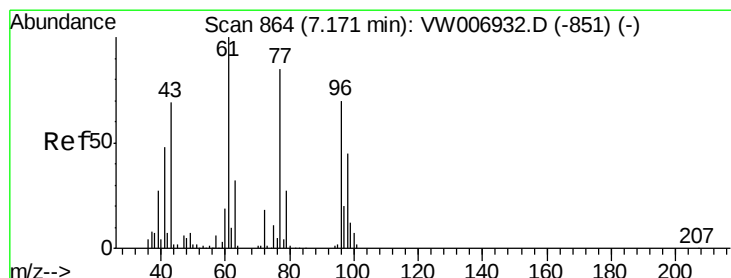
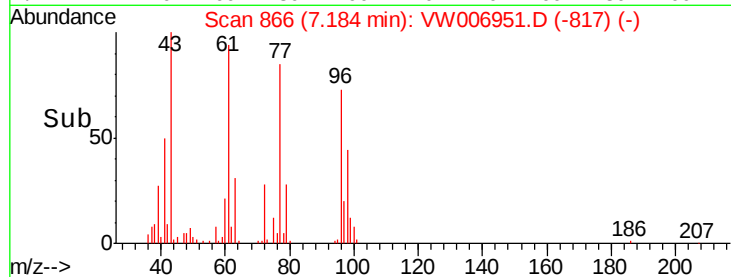
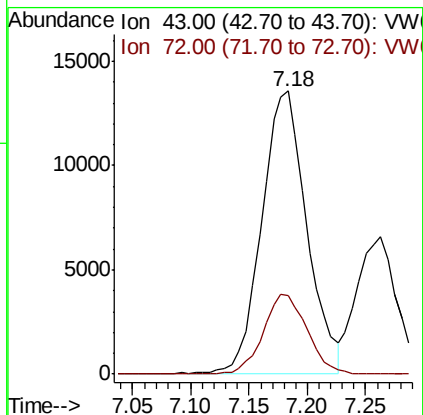
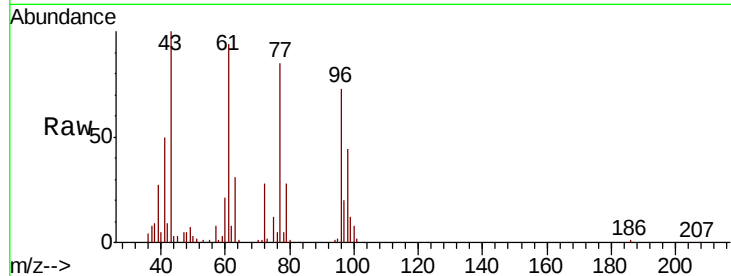
72 27.7 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 20.181 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006951.D

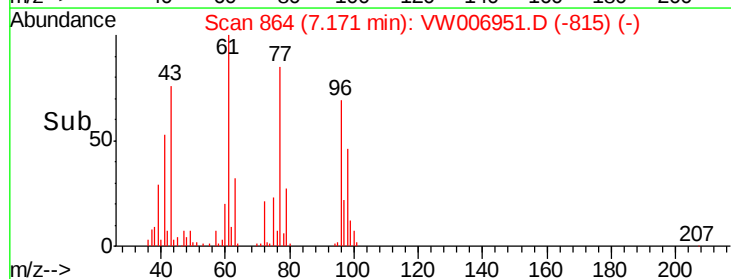
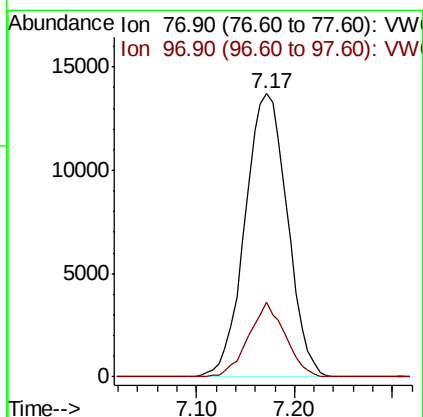
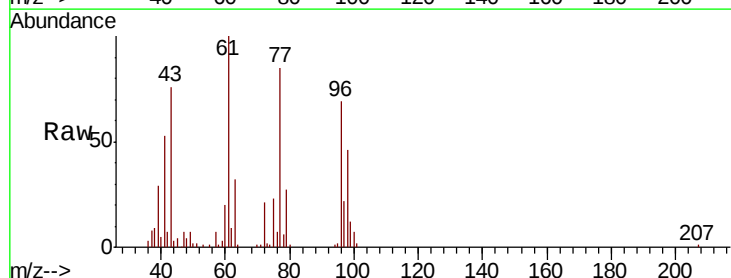
Acq: 19 Nov 2018 19:18

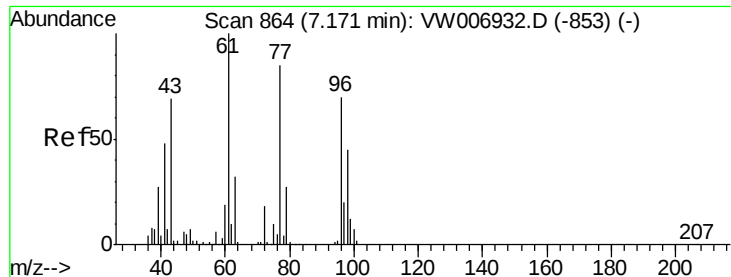
Tgt Ion: 77 Resp: 41133

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9





#27

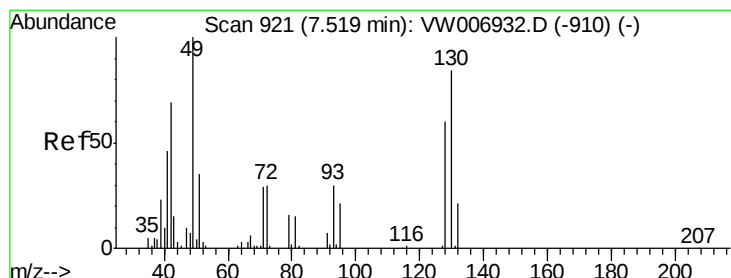
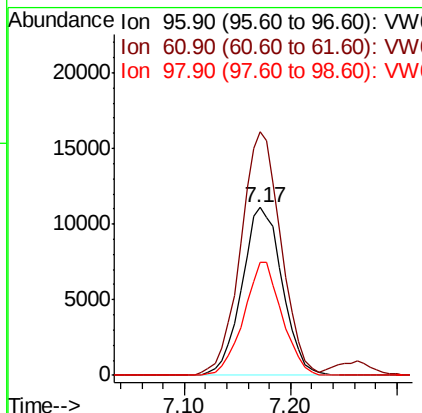
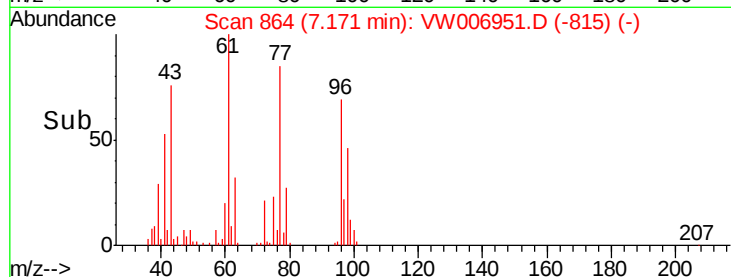
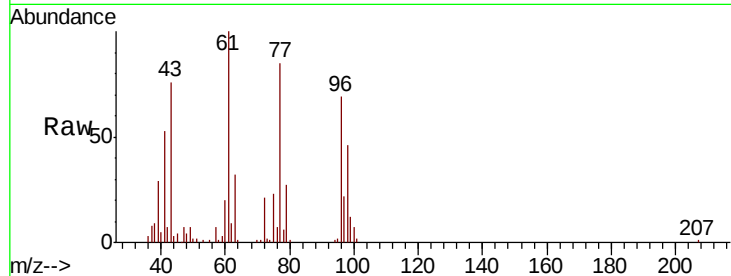
cis-1,2-Dichloroethene
 Concen: 19.706 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.7	0.0	293.8	
98	63.6	0.0	131.0	

Manual Integrations
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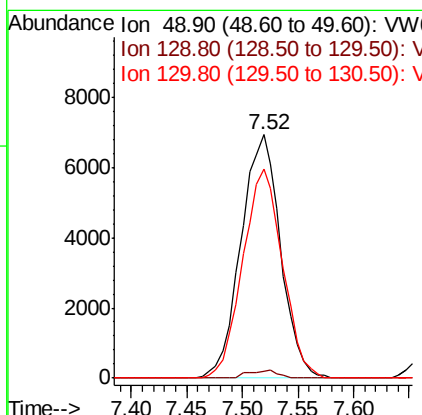
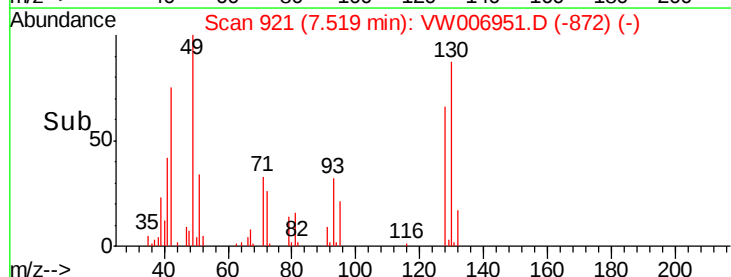
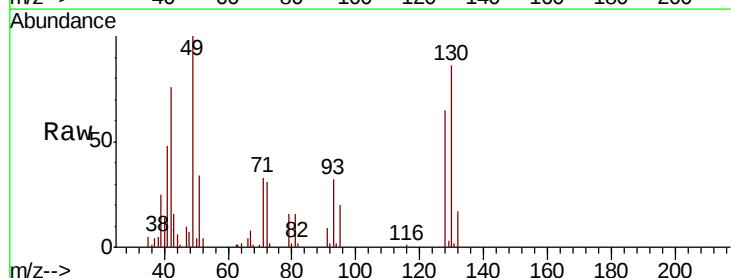
sam
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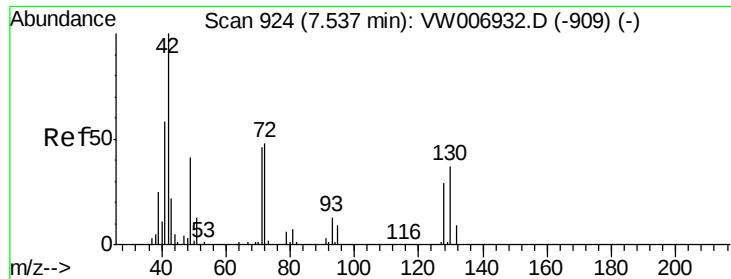


#28

Bromochloromethane
 Concen: 19.974 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	1.6#	
130	86.2	66.1	99.1	





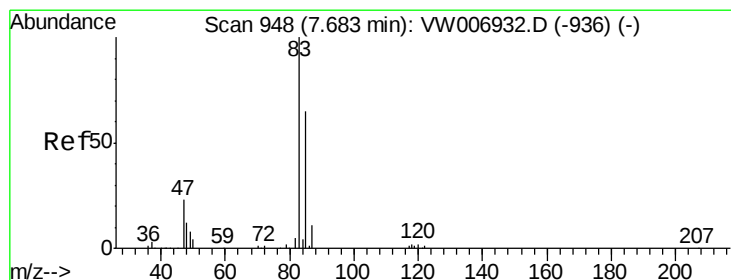
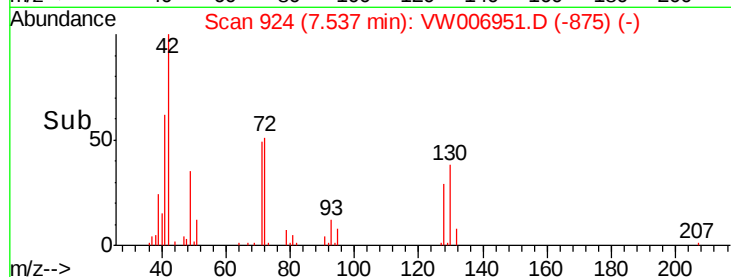
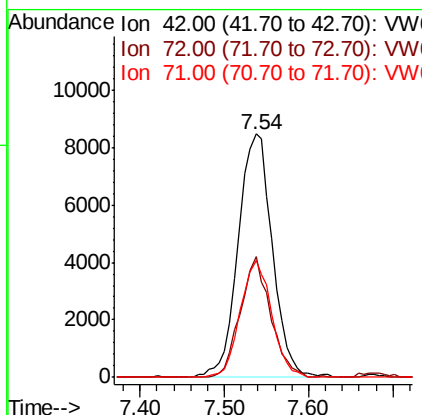
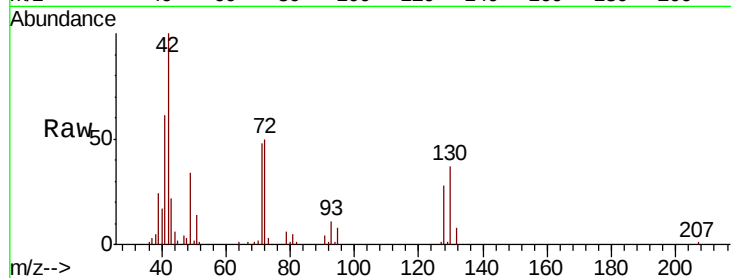
#29
Tetrahydrofuran
Concen: 102.735 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.7	53.5
71	43.8	33.7	50.5

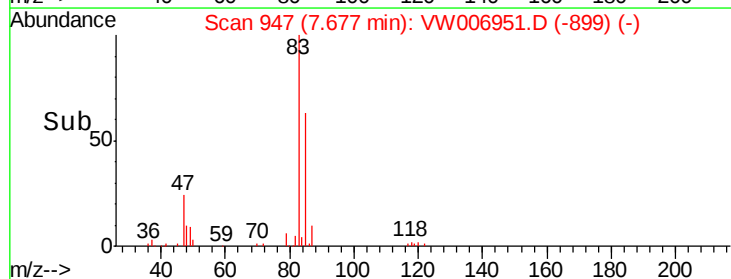
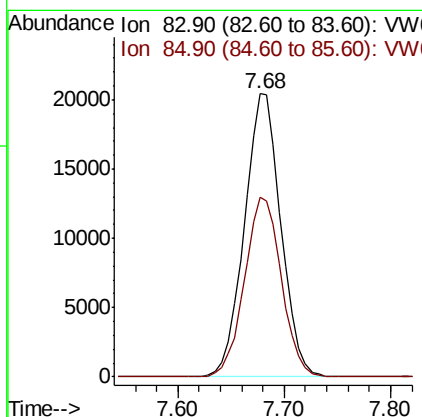
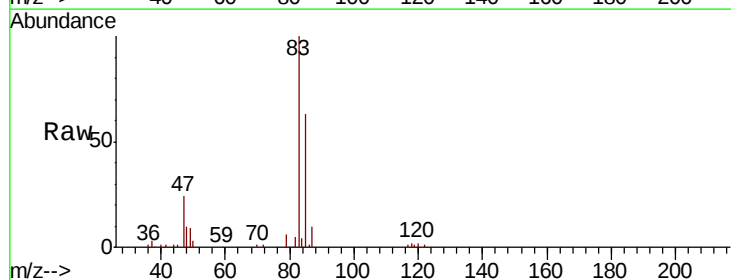
Manual Integrations
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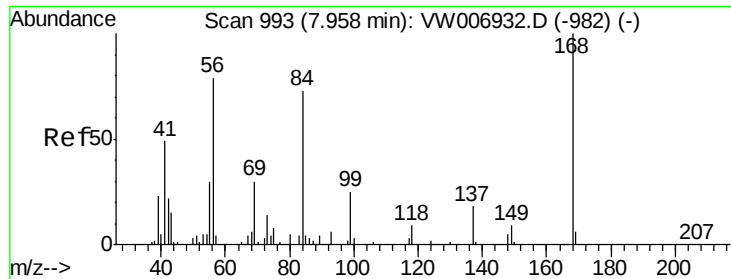
sam
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#30
Chloroform
Concen: 19.155 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4





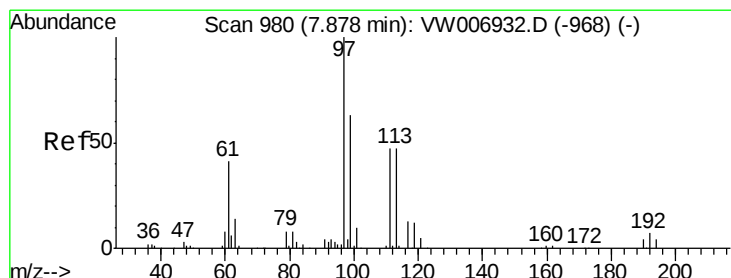
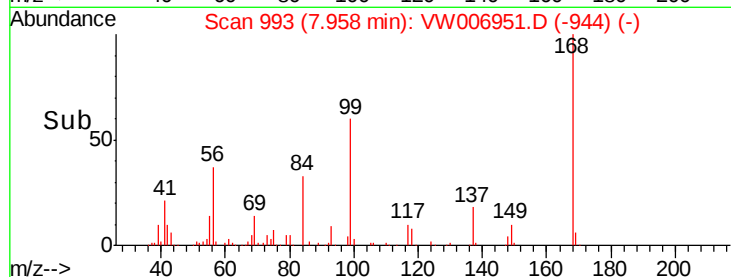
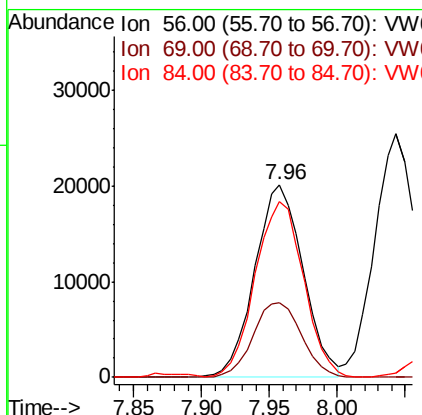
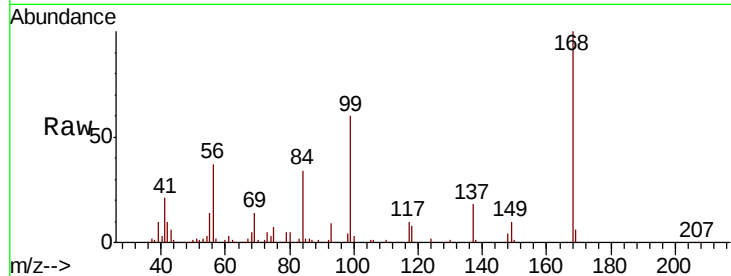
#31
Cyclohexane
Concen: 21.374 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	30.2	45.2
84	89.8	73.6	110.4

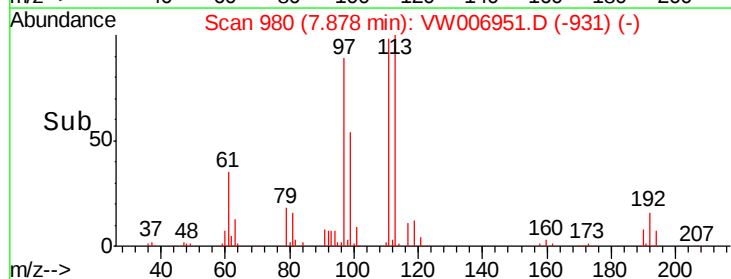
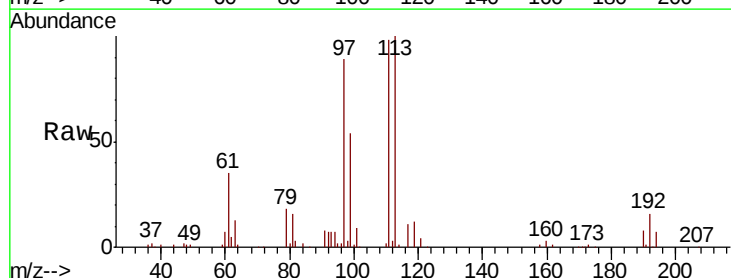
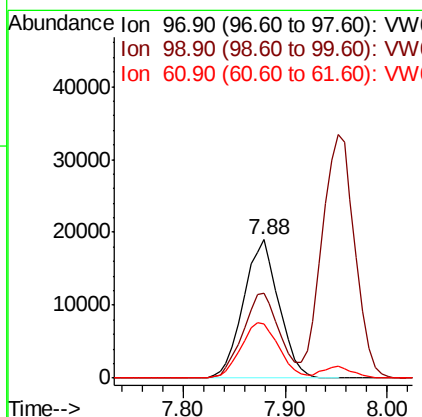
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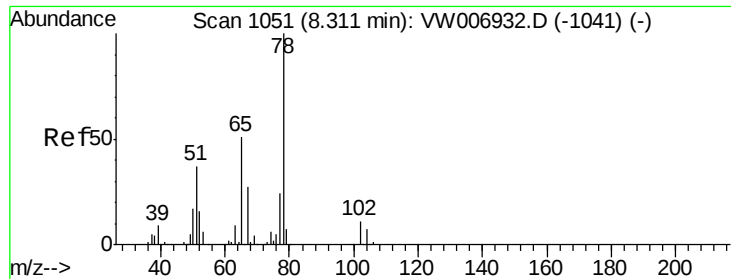
sam
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#32
1,1,1-Trichloroethane
Concen: 20.777 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.0	76.6
61	42.7	34.2	51.2





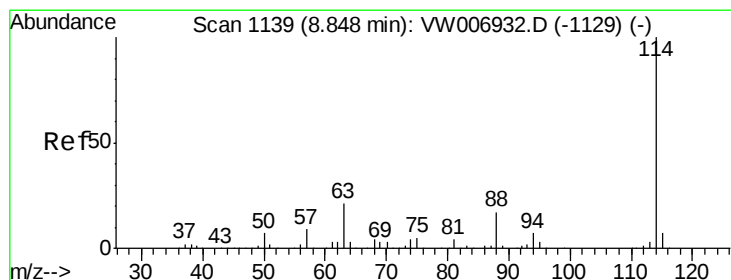
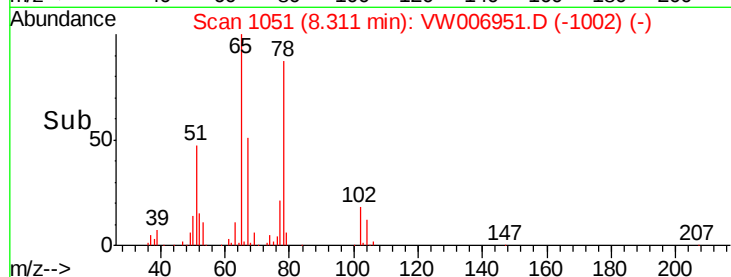
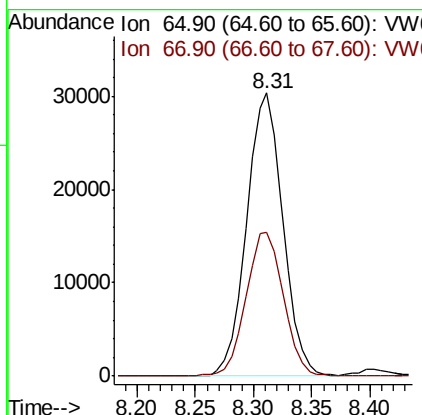
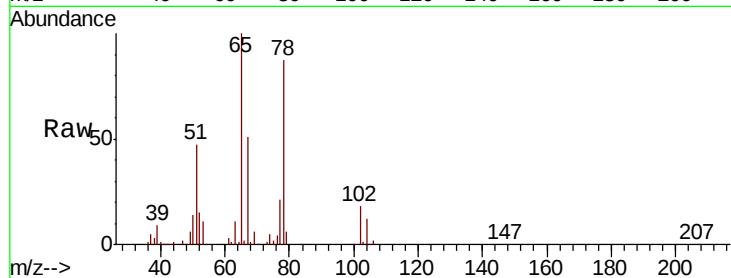
#33
 1,2-Dichloroethane-d4
 Concen: 48.209 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	65883		
67	52.6	0.0	104.0	

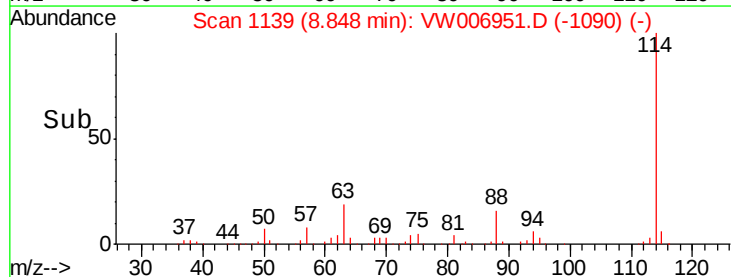
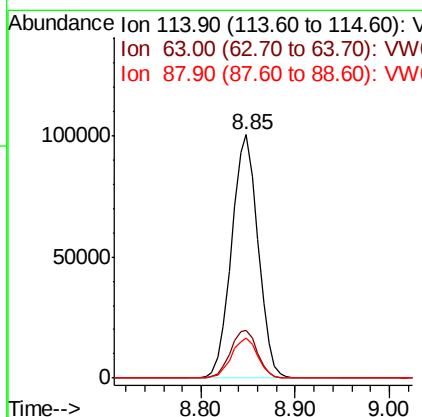
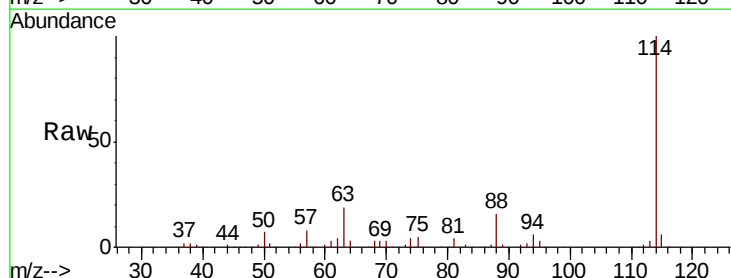
Manual Integrations
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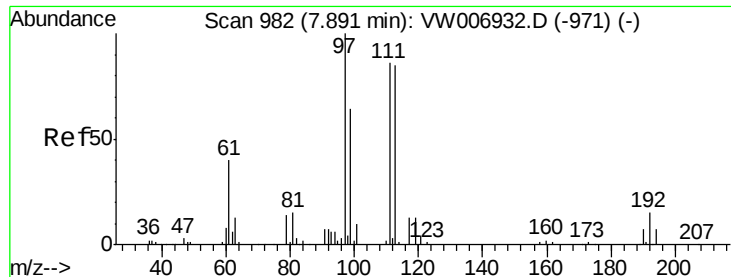
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	196023		
63	19.4	0.0	42.2	
88	16.4	0.0	33.4	





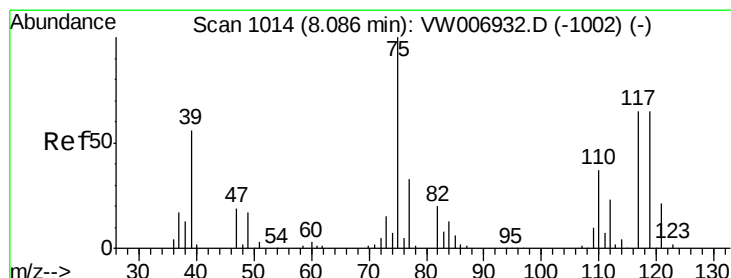
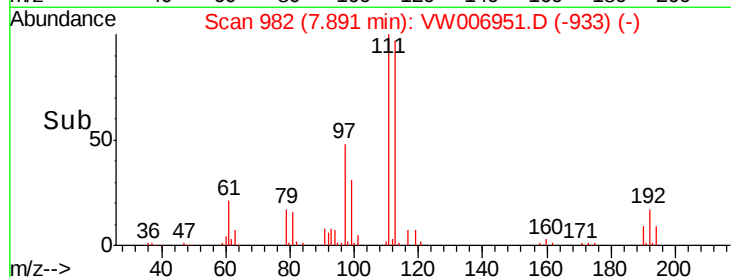
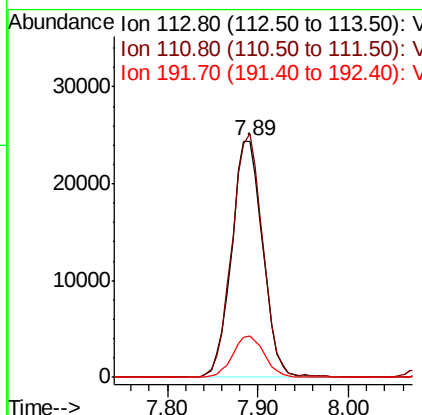
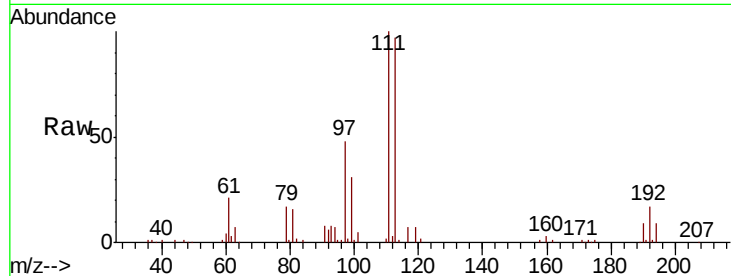
#35
 Dibromofluoromethane
 Concen: 50.460 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	17.8	13.9	20.9

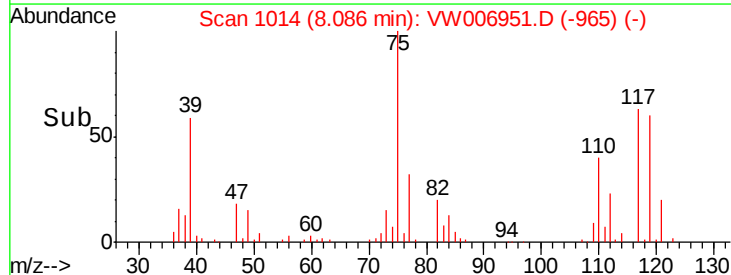
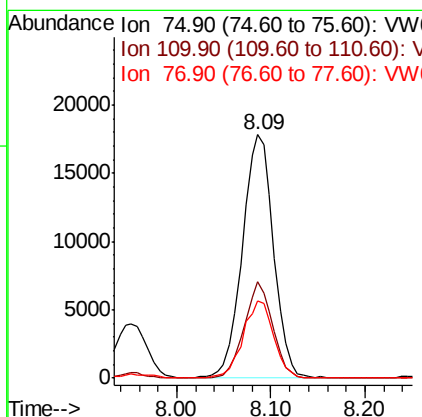
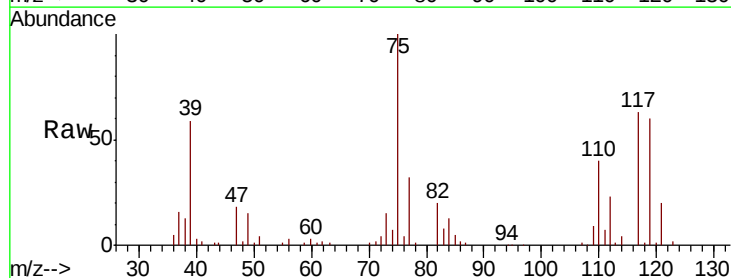
Manual Integrations
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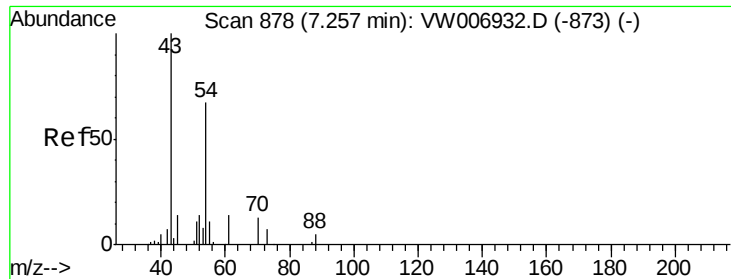
sam
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#36
 1,1-Dichloropropene
 Concen: 22.114 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.1
77	31.4	25.4	38.0





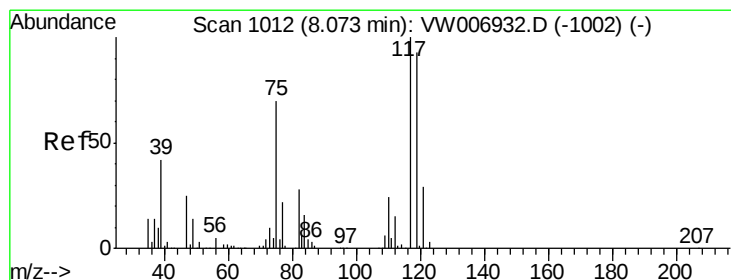
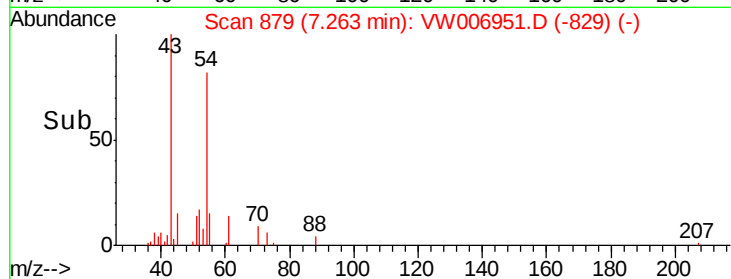
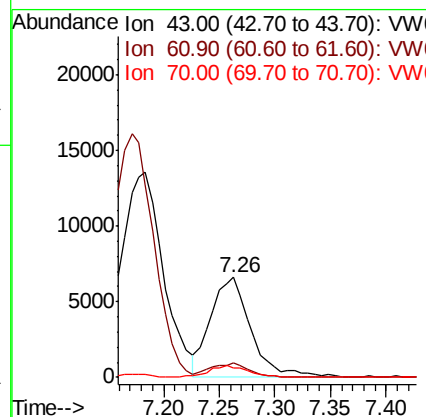
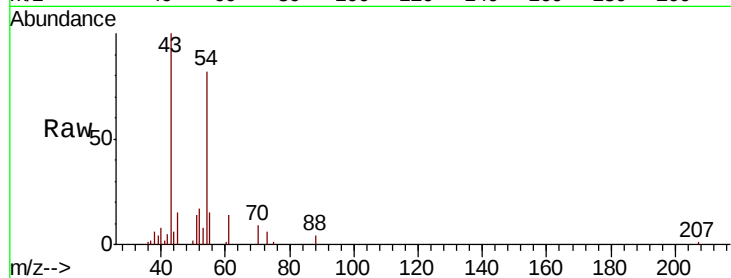
#37
Ethyl Acetate
Concen: 21.171 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	11.2	8.8	13.2

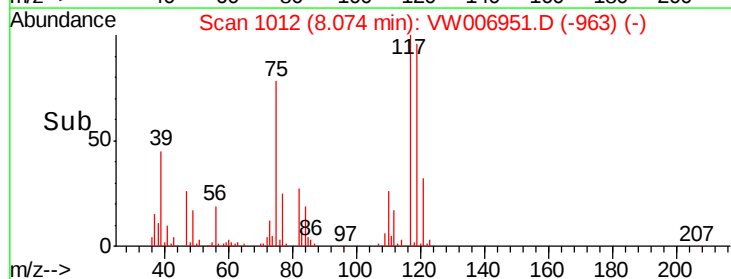
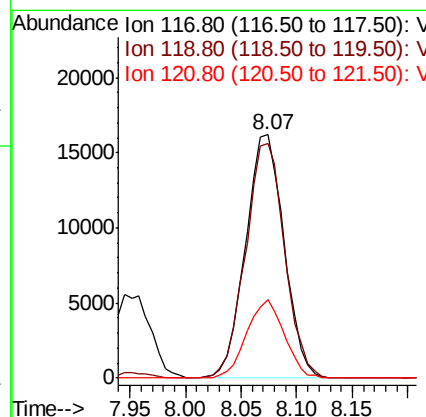
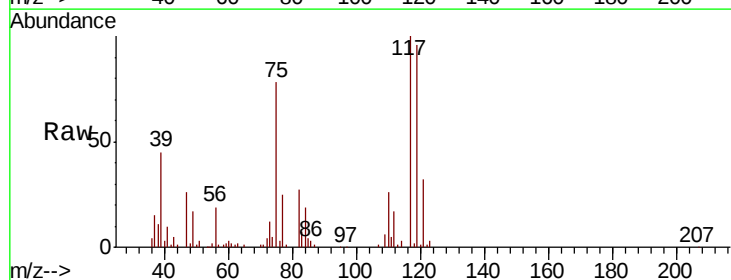
Manual Integrations
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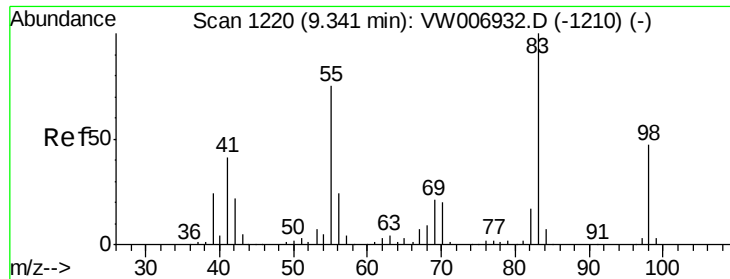
sam
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#38
Carbon Tetrachloride
Concen: 21.320 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.2	111.4
121	32.4	23.5	35.3





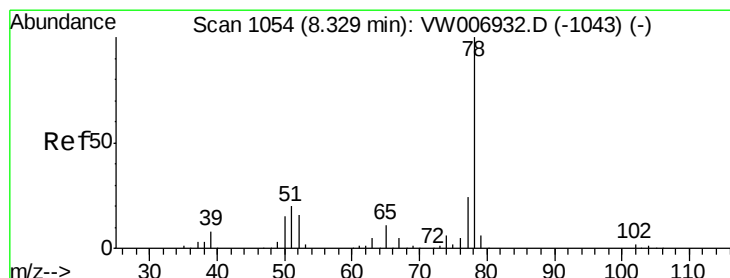
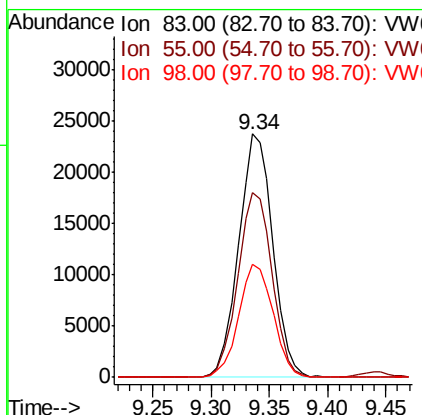
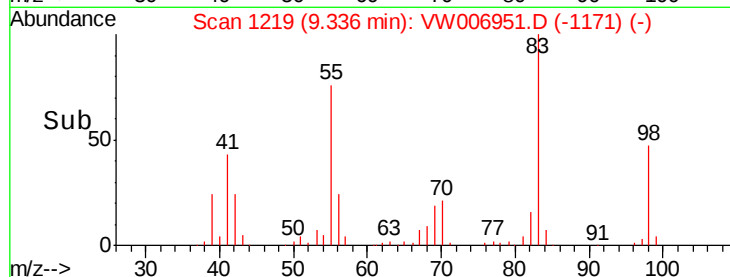
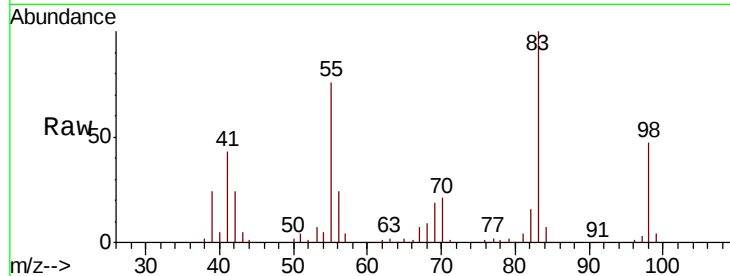
#39
Methvlcvclohexane
Concen: 20.956 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.2	90.4
98	46.6	37.3	55.9

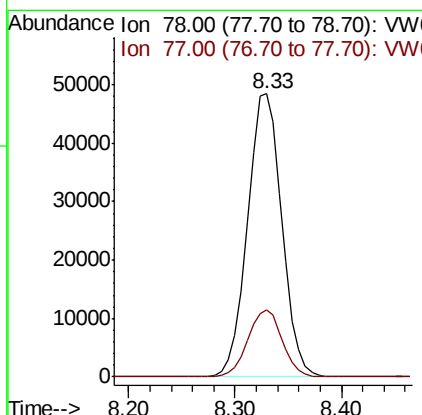
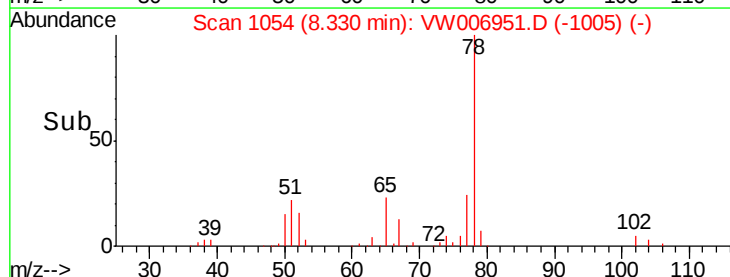
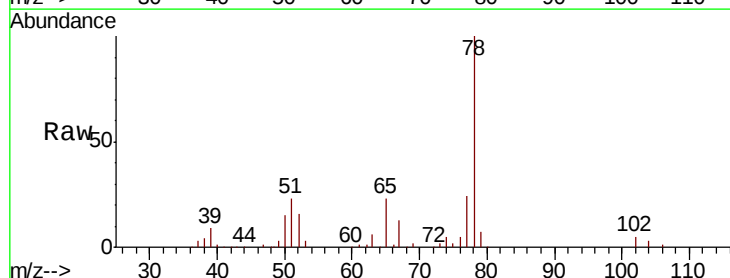
Manual Integrations
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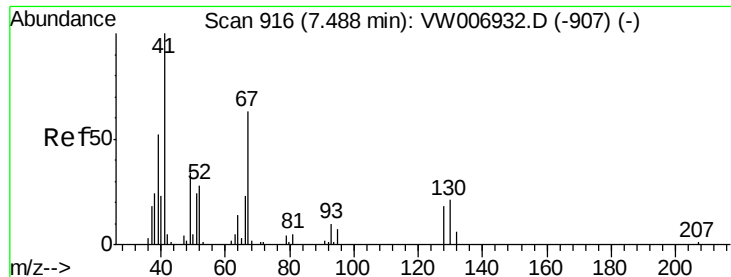
sam
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#40
Benzene
Concen: 20.742 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





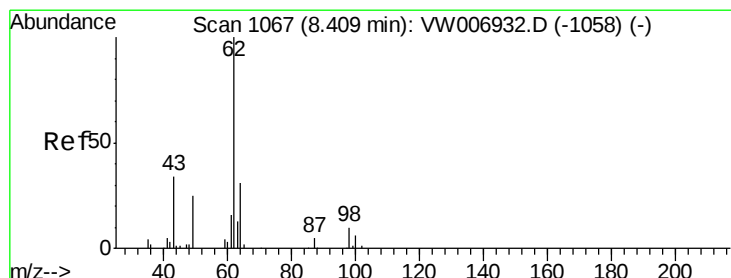
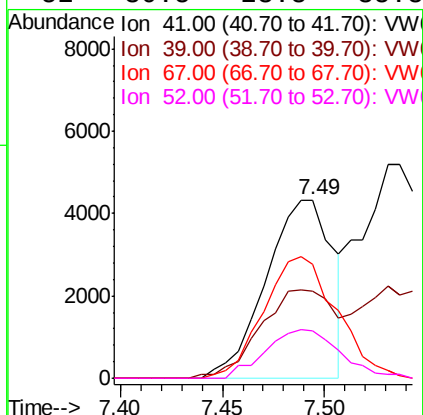
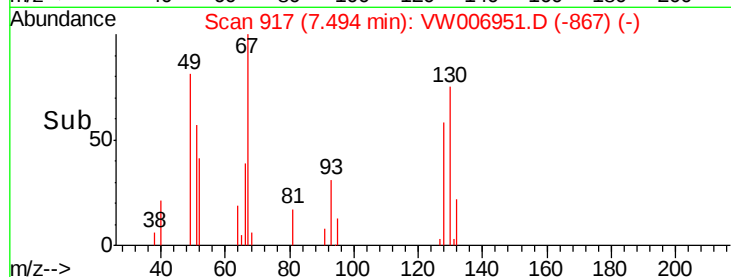
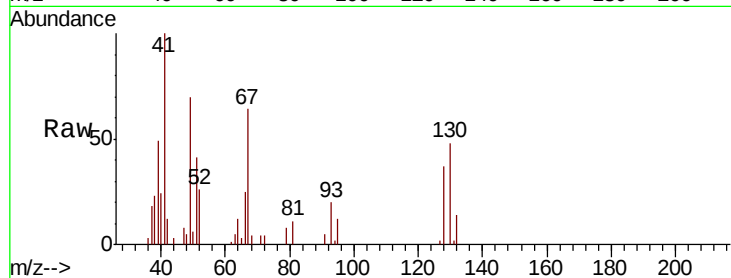
#41
Methacrylonitrile
Concen: 20.275 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:	41	Resp:	9860
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.8	62.6
67	74.4	54.7	82.1
52	30.5	23.8	35.8

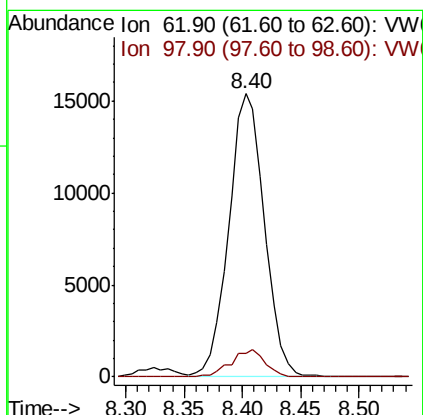
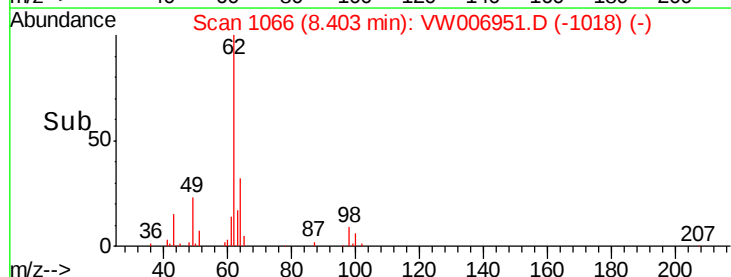
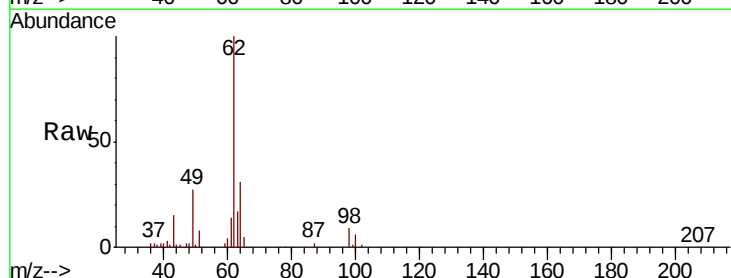
Manual Integrations
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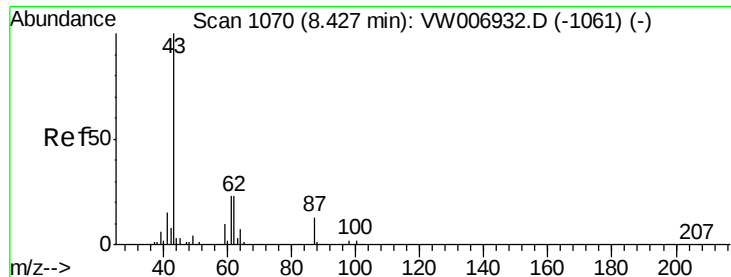
sam
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#42
1,2-Dichloroethane
Concen: 20.703 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:	62	Resp:	32711
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





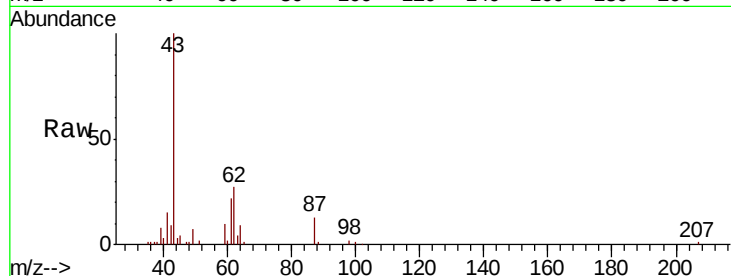
#43
Isopropyl Acetate
Concen: 19.958 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.6	37.0
87	13.4	11.0	16.6

Manual Integrations
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sam
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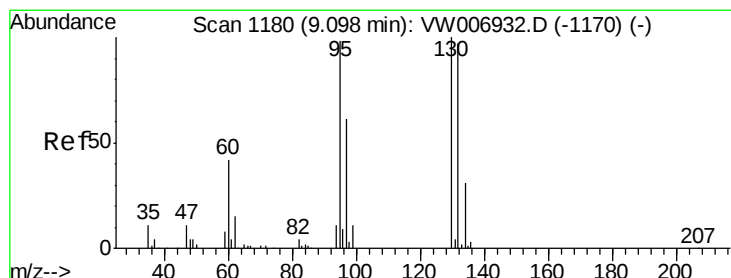
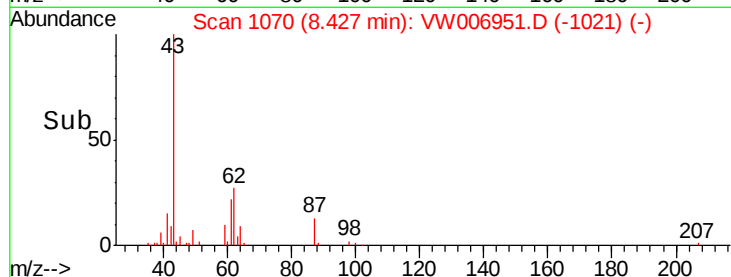
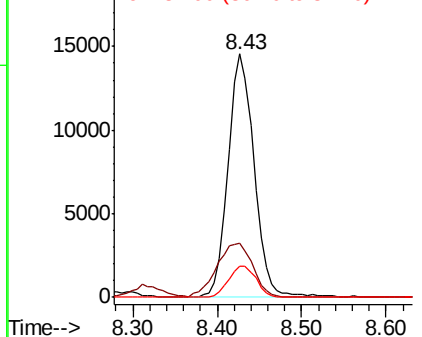


Abundance

Ion 43.00 (42.70 to 43.70): VW

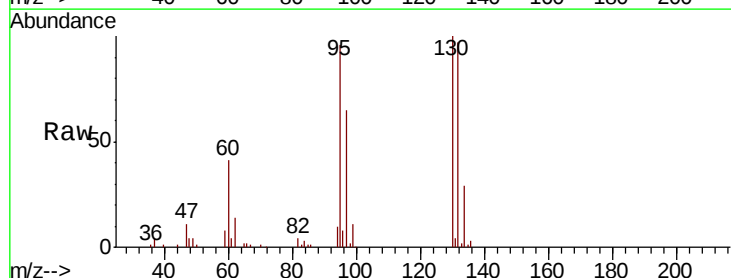
Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44
Trichloroethene
Concen: 21.563 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

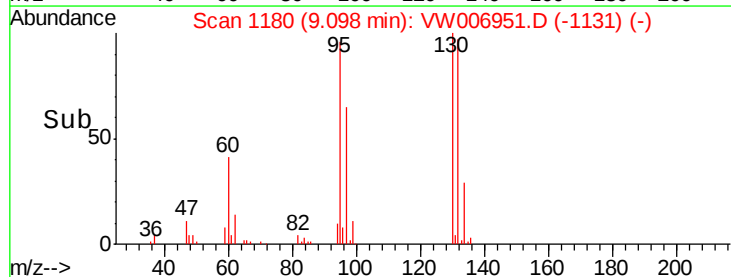
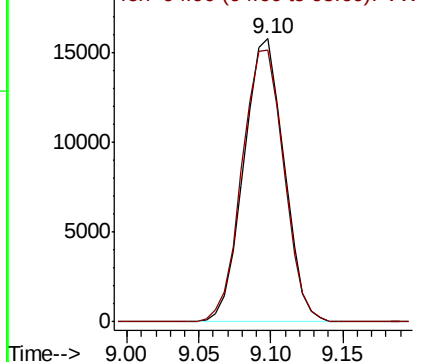
Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.4

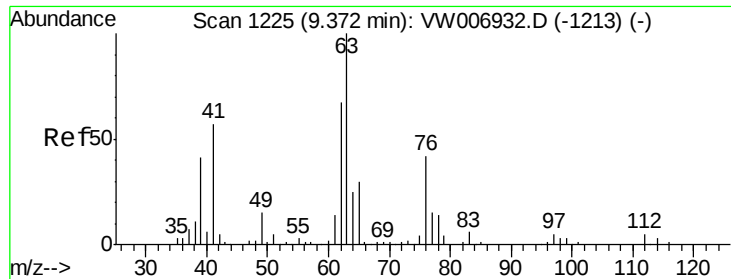


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.935 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 63 Resp: 27910

Ion Ratio Lower Upper

63 100

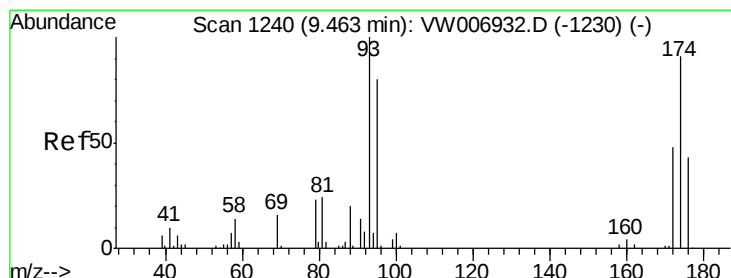
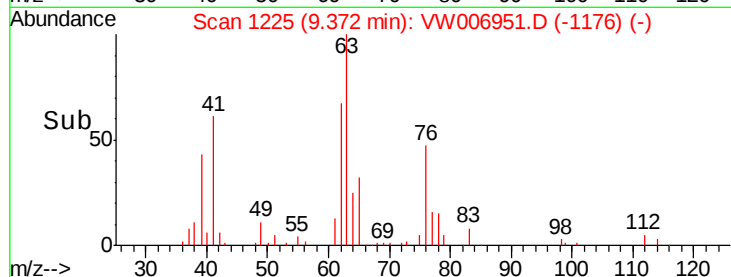
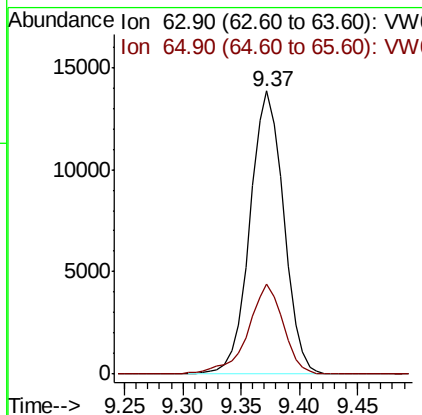
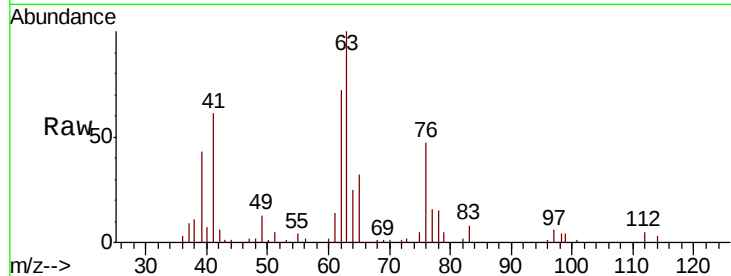
65 31.6 23.9 35.9

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#46

Dibromomethane

Concen: 20.686 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

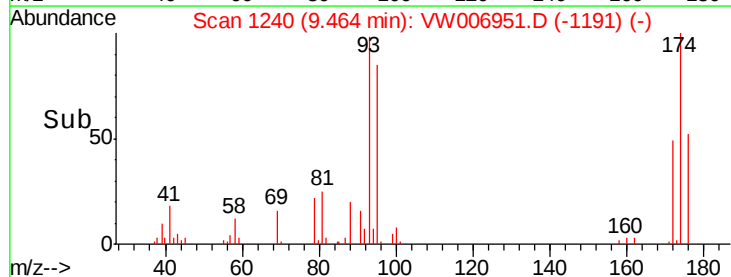
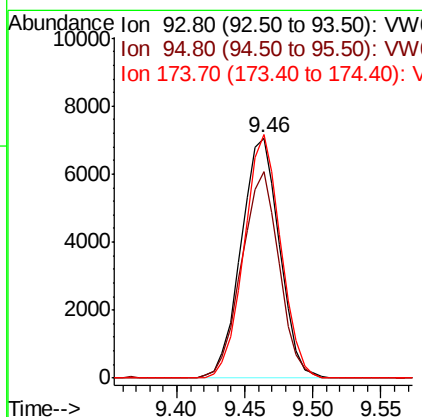
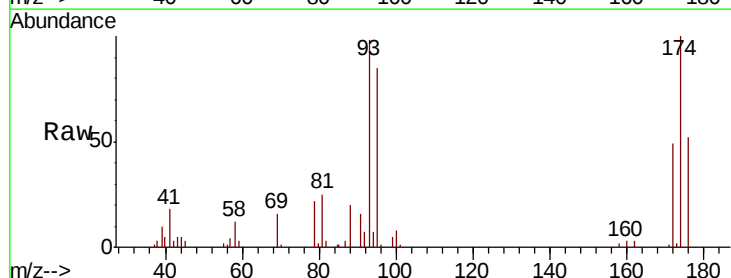
Tgt Ion: 93 Resp: 13966

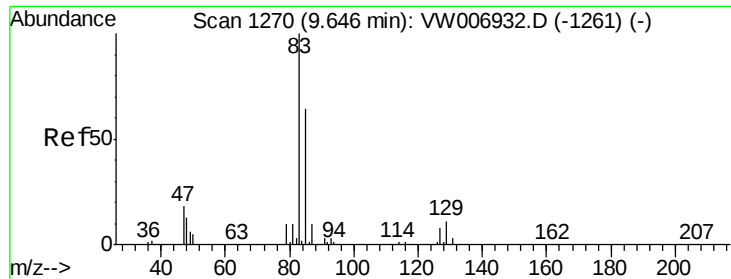
Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

174 96.6 75.0 112.4





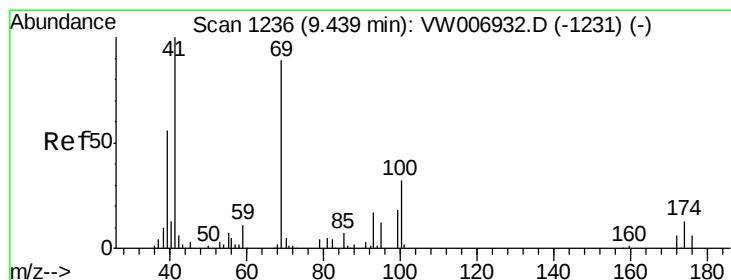
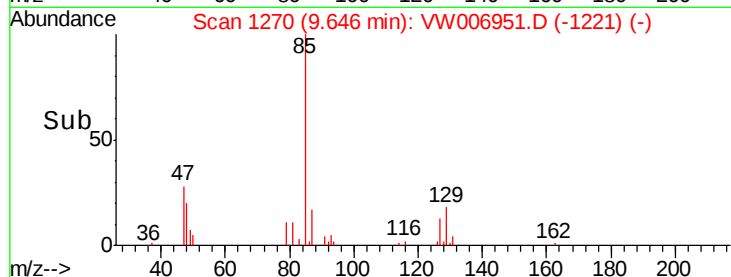
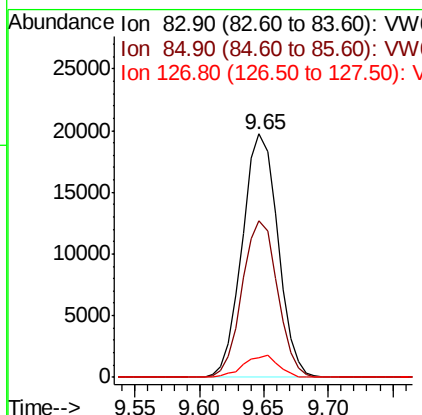
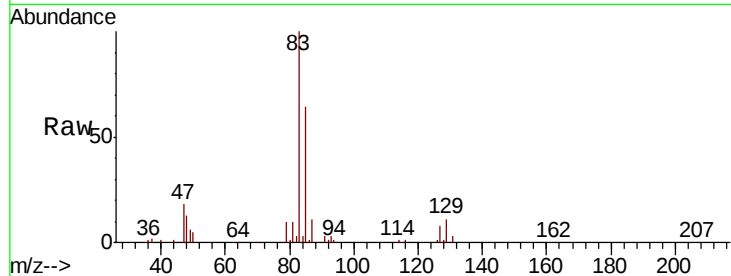
#47
Bromodichloromethane
Concen: 21.274 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	8.1	6.6	10.0

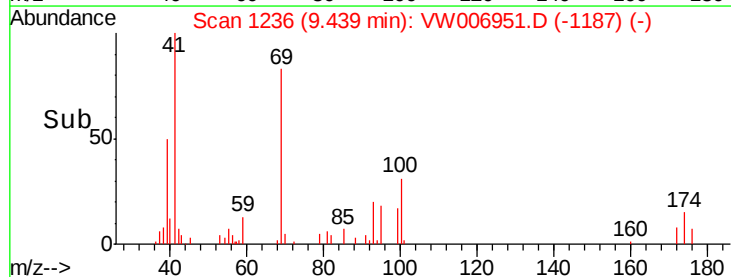
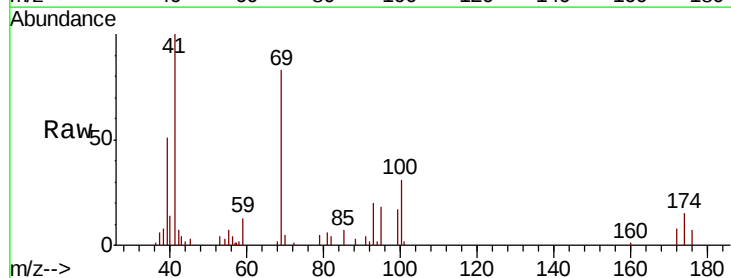
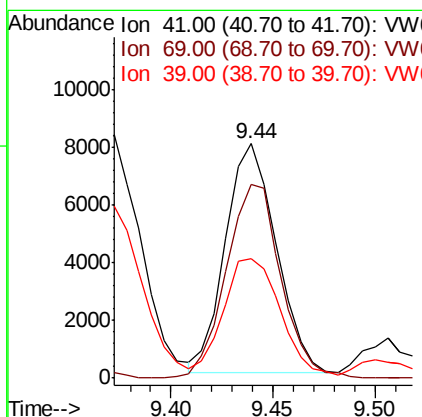
Manual Integrations
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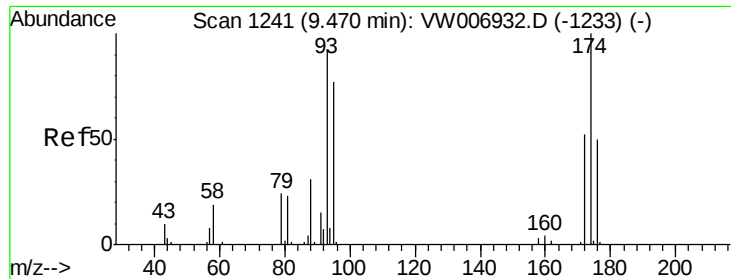
sam
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#48
Methyl methacrylate
Concen: 18.762 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.8	73.4	110.0
39	55.7	46.1	69.1





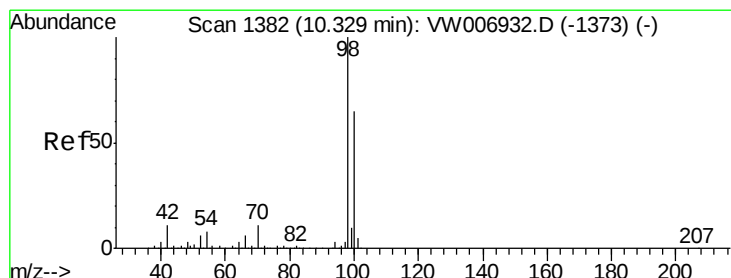
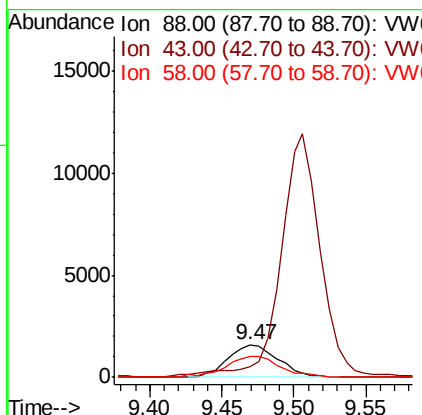
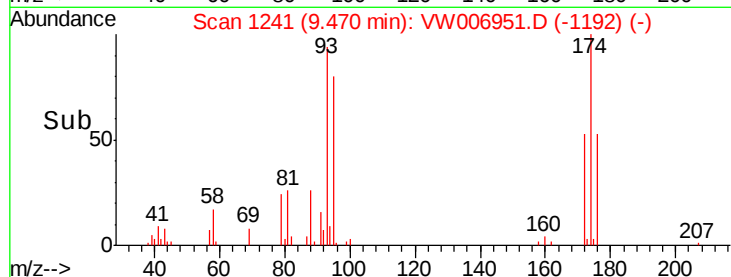
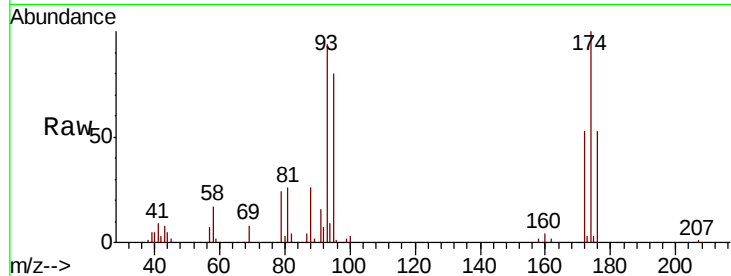
#49
1,4-Dioxane
Concen: 375.334 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.0	57.4	86.2

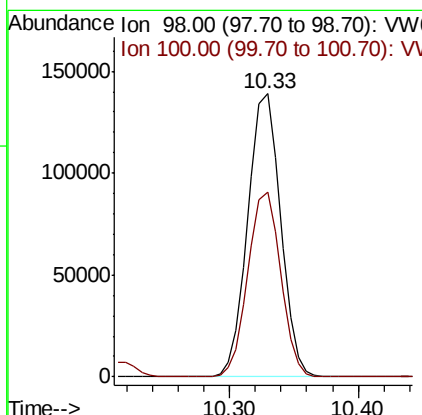
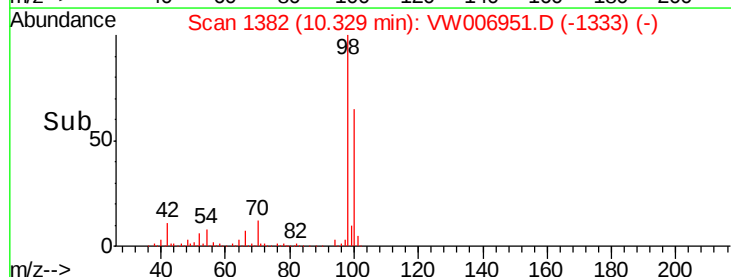
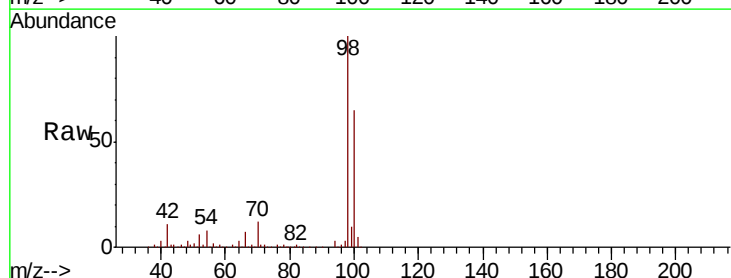
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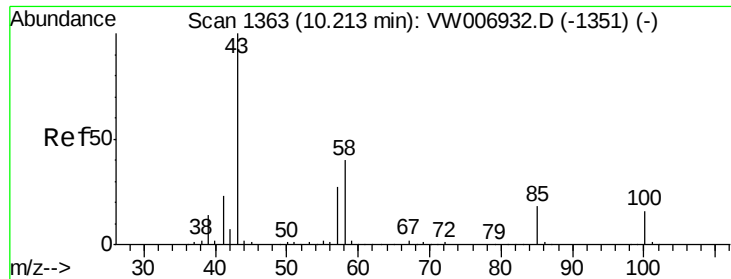
sam
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#50
Toluene-d8
Concen: 49.727 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 103.799 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleID :

VW1120SBS01

Tot Ion: 43 Resp: 77940

Ion Ratio Lower Upper

43 100

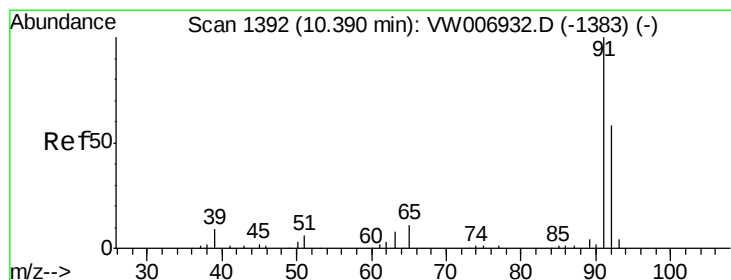
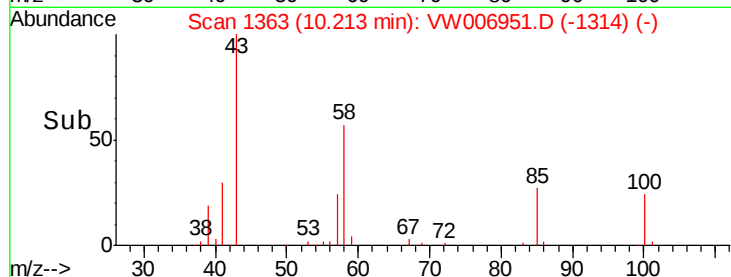
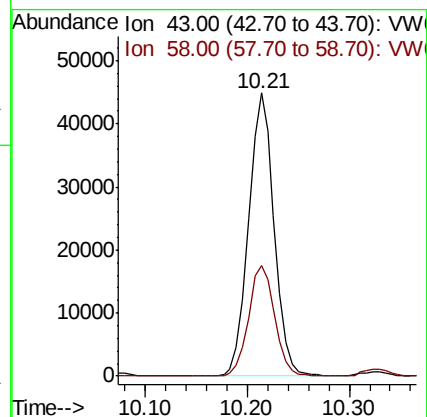
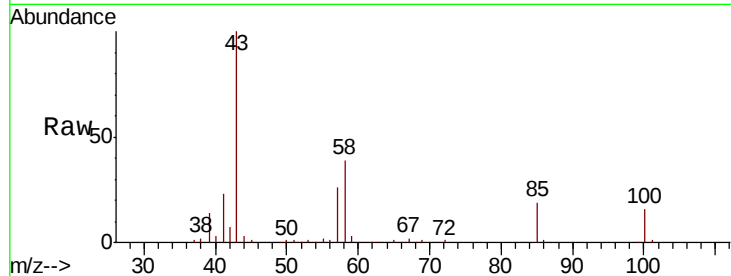
58 39.8 31.0 46.4

Manual Integrations

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#52

Toluene

Concen: 20.819 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006951.D

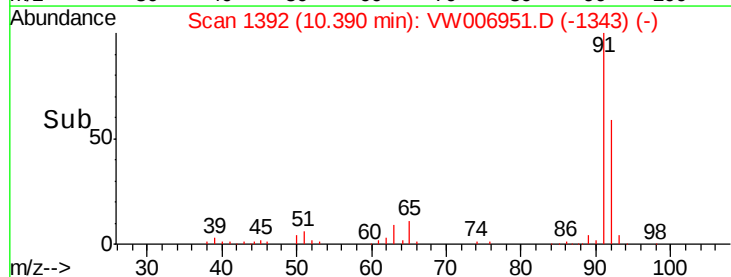
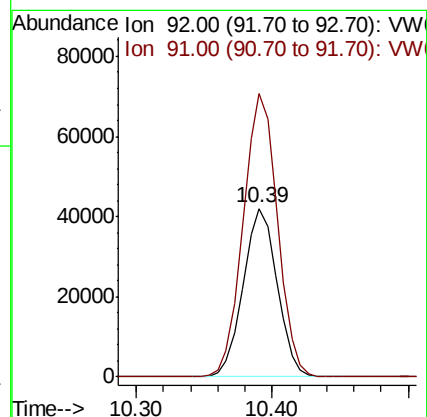
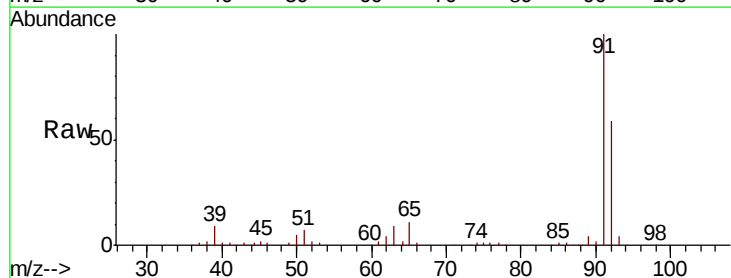
Acq: 19 Nov 2018 19:18

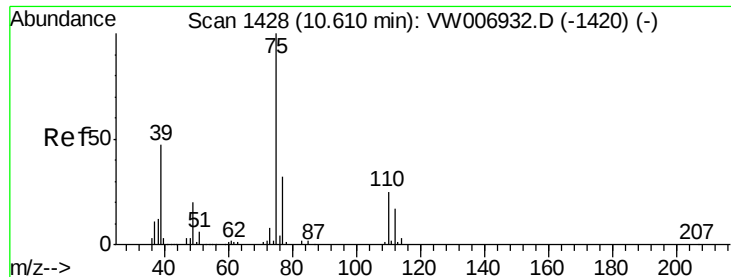
Tgt Ion: 92 Resp: 73510

Ion Ratio Lower Upper

92 100

91 169.2 137.3 205.9





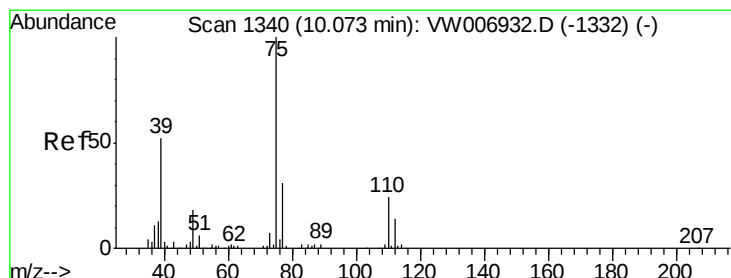
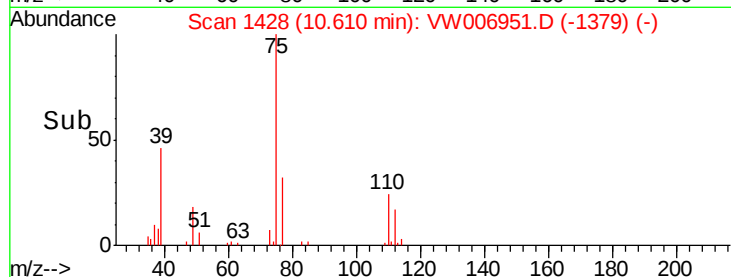
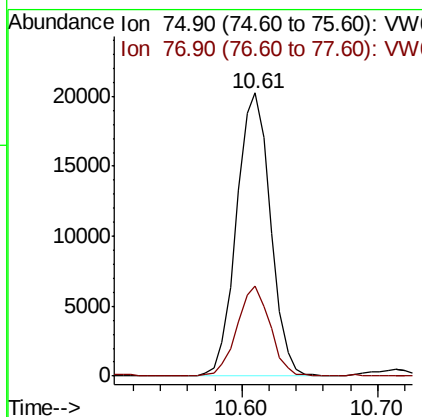
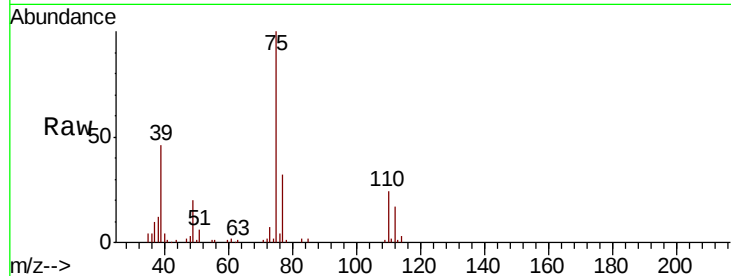
#53
 t-1,3-Dichloropropene
 Concen: 20.268 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion: 75 Resp: 35213
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8

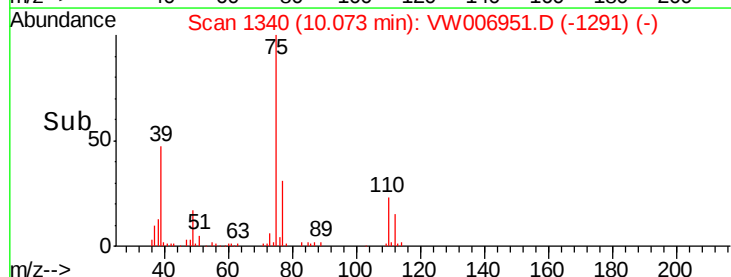
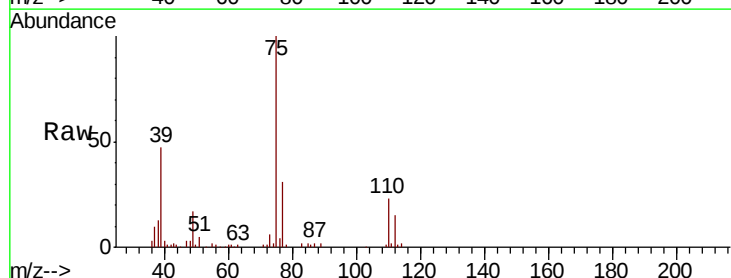
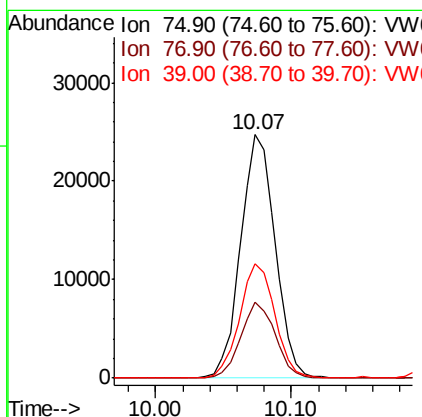
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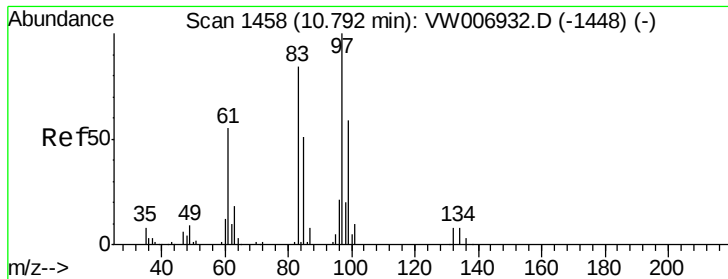
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 21.051 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 75 Resp: 43768
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0
 39 47.1 41.4 62.2





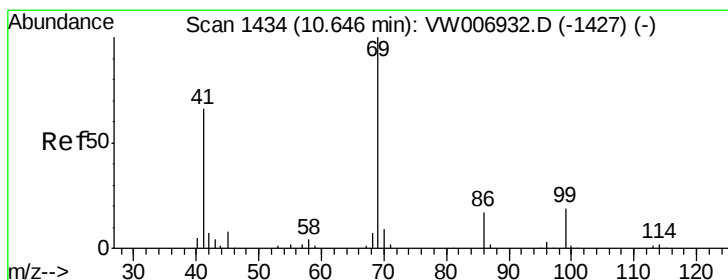
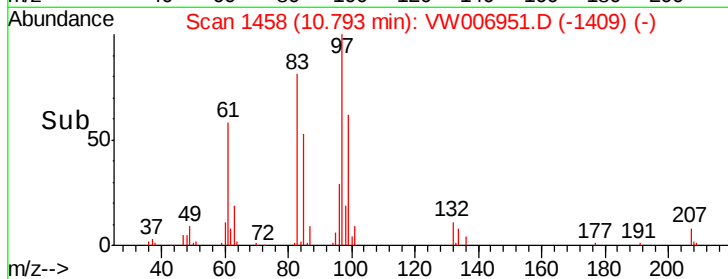
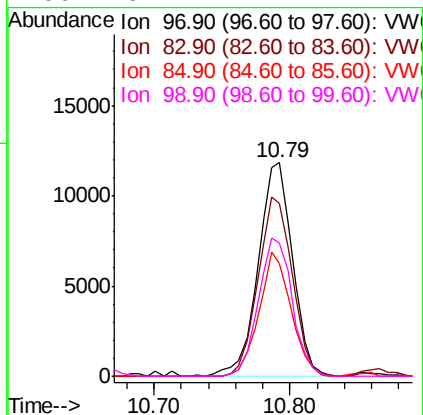
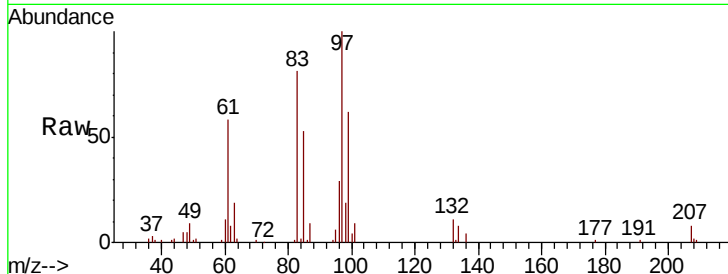
#55
 1,1,2-Trichloroethane
 Concen: 21.122 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion:	97	Resp:	21027
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.5	101.3
85	52.6	41.0	61.6
99	62.4	47.4	71.2

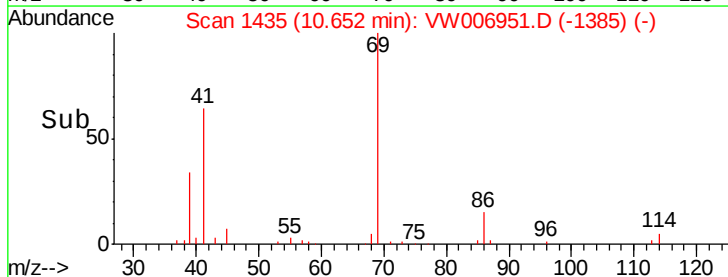
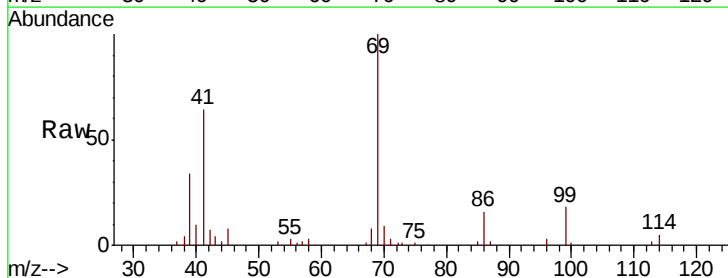
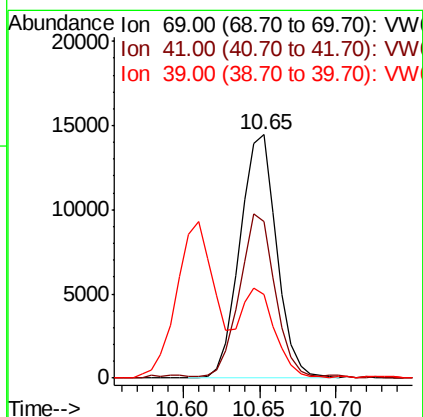
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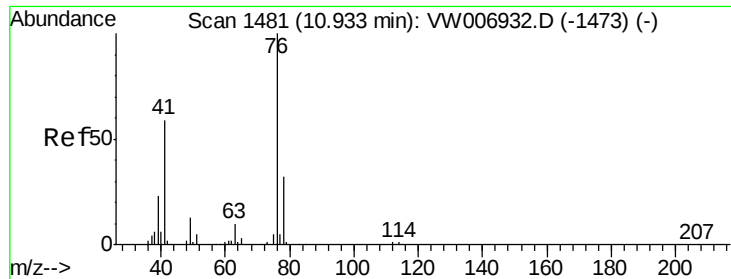
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#56
 Ethyl methacrylate
 Concen: 19.479 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion:	69	Resp:	24109
Ion	Ratio	Lower	Upper
69	100		
41	63.5	53.8	80.6
39	31.0	29.0	43.6





#57

1,3-Dichloropropane

Concen: 21.024 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 76 Resp: 35608

Ion Ratio Lower Upper

76 100

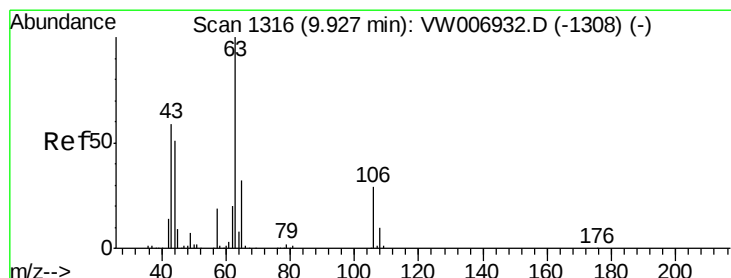
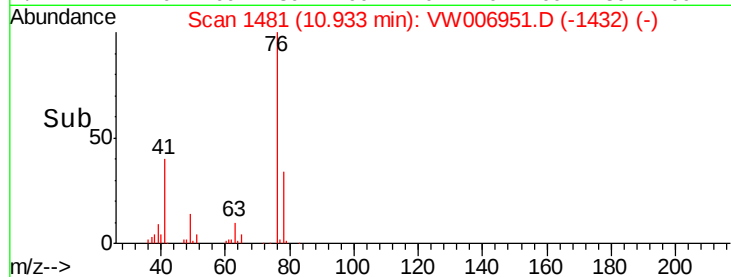
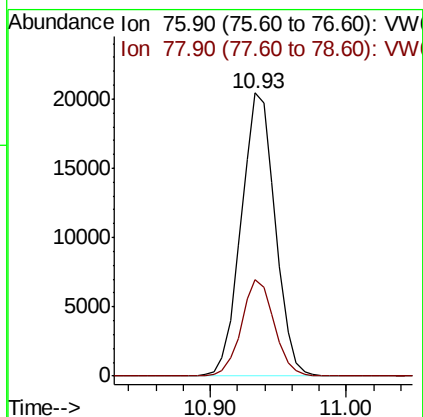
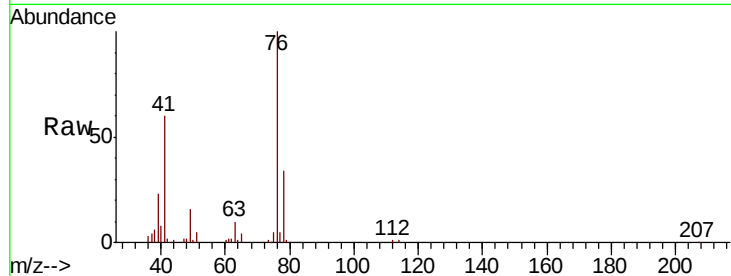
78 32.8 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 107.094 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006951.D

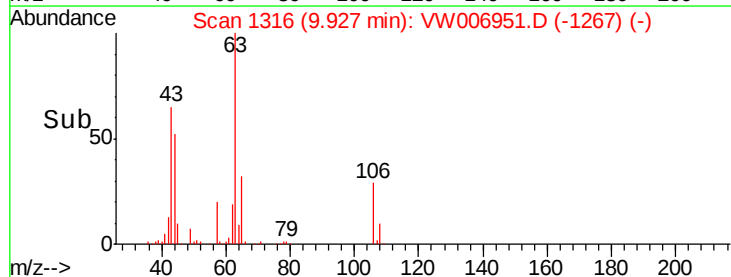
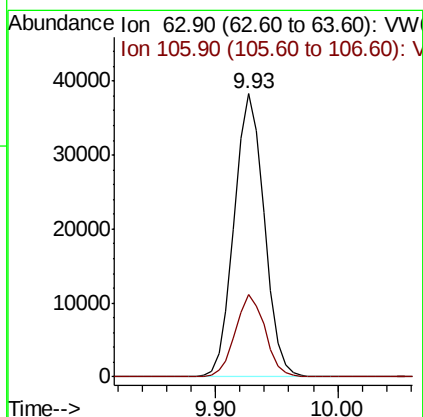
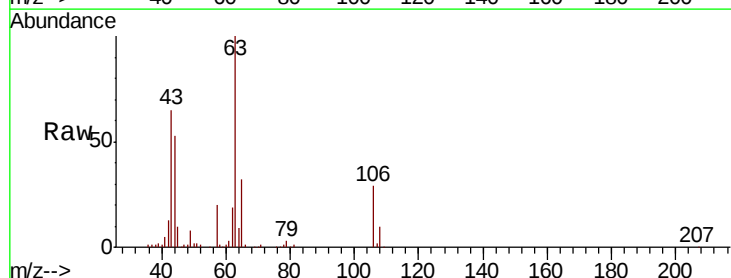
Acq: 19 Nov 2018 19:18

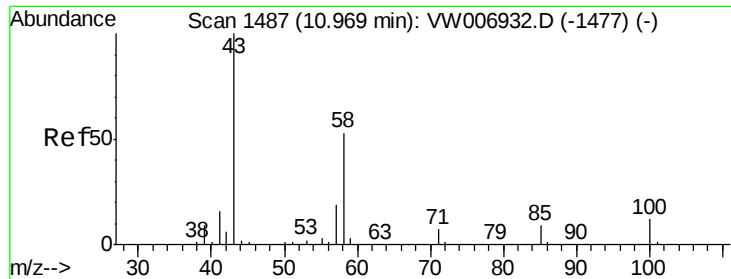
Tgt Ion: 63 Resp: 65163

Ion Ratio Lower Upper

63 100

106 28.5 22.6 33.8





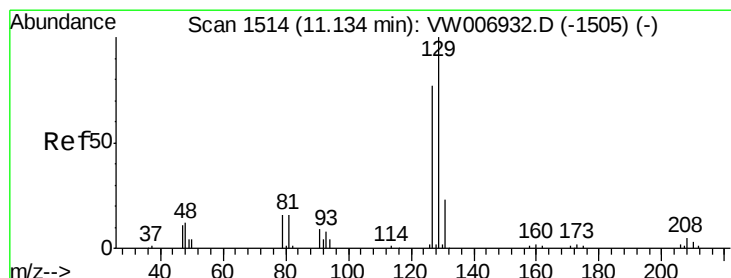
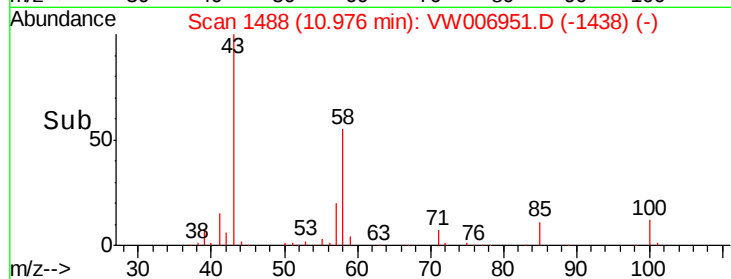
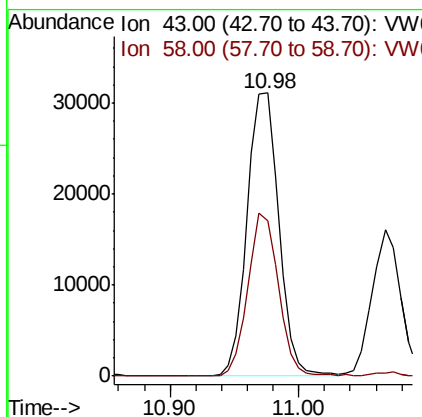
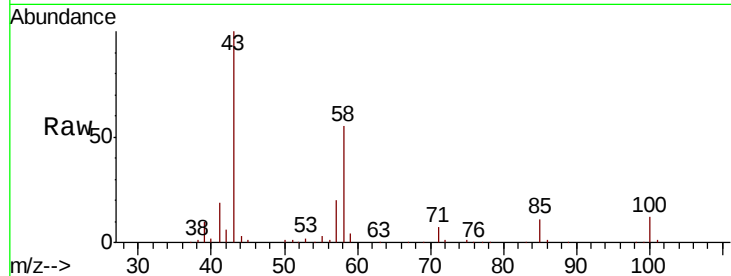
#59
2-Hexanone
Concen: 105.411 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion: 43 Resp: 52973
Ion Ratio Lower Upper
43 100
58 55.1 26.8 80.4

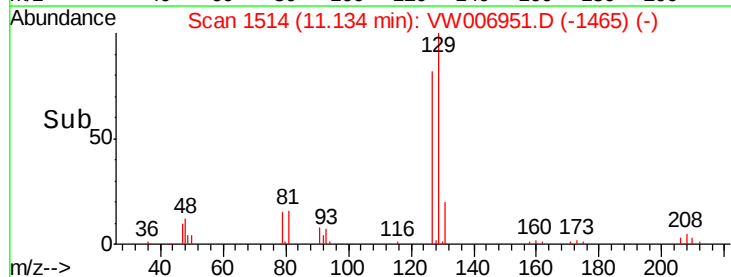
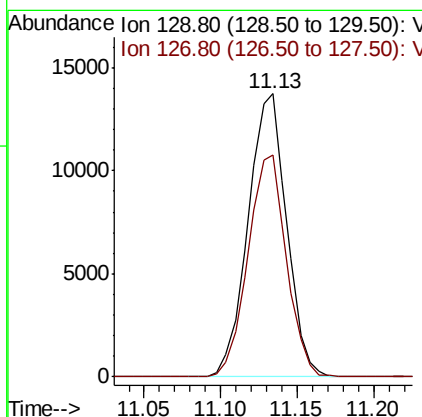
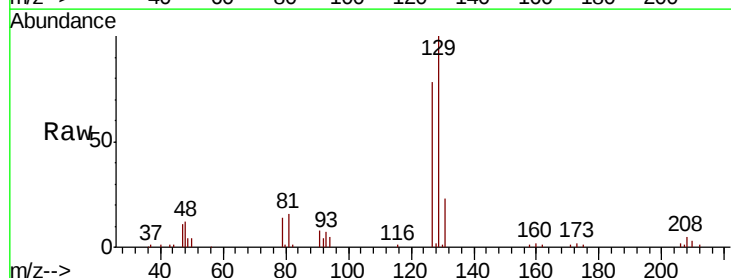
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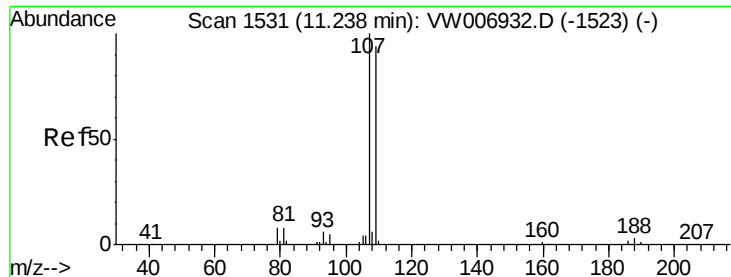
sam
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#60
Dibromochloromethane
Concen: 21.174 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 129 Resp: 24037
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.3





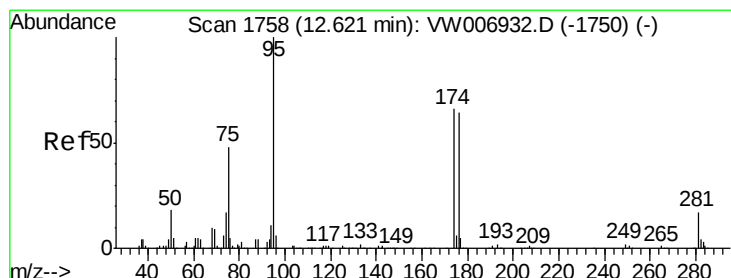
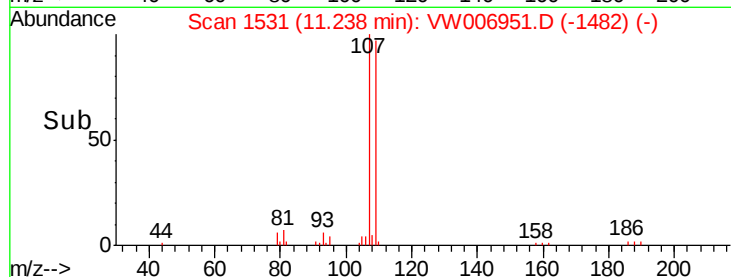
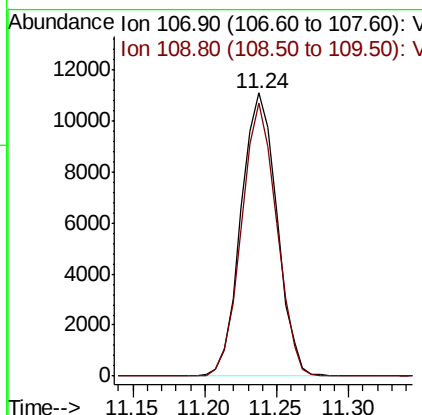
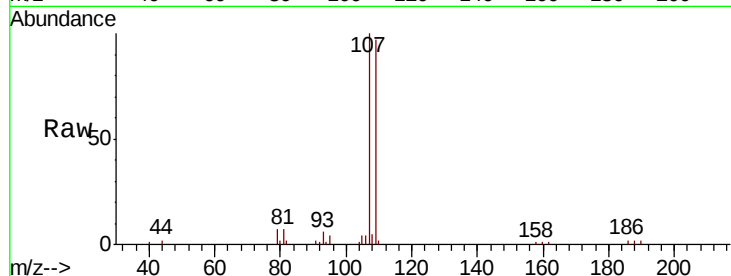
#61
 1,2-Dibromoethane
 Concen: 20.711 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.5	113.3

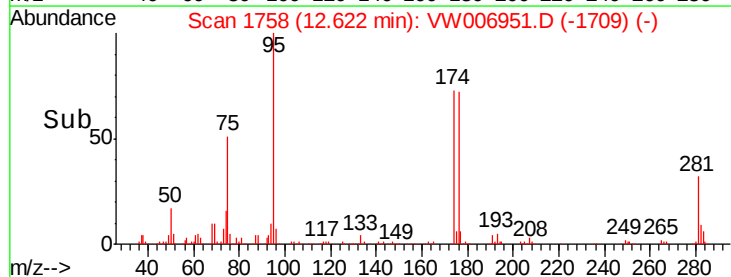
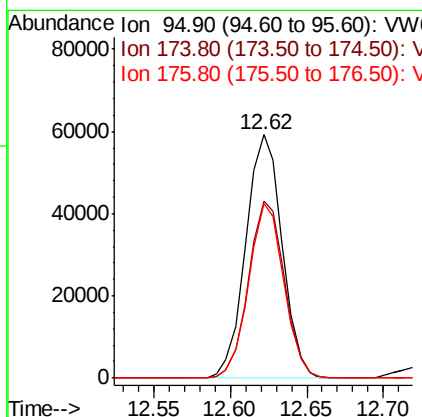
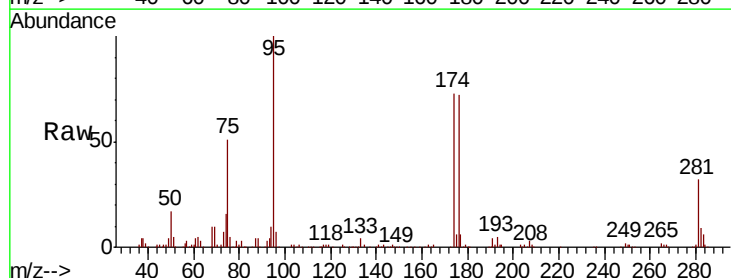
Manual Integrations
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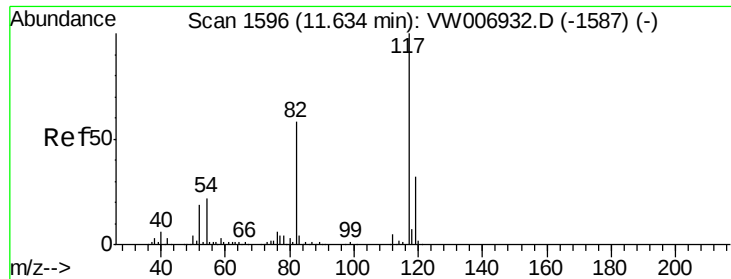
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.744 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	138.4
176	69.8	0.0	133.4





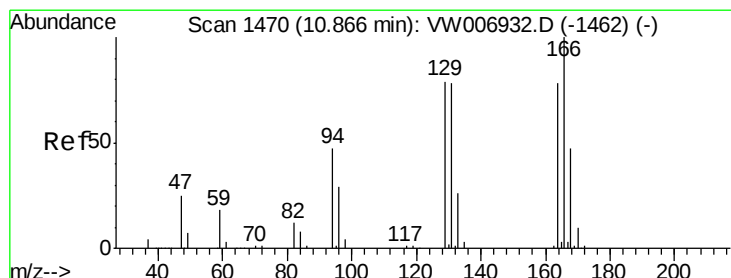
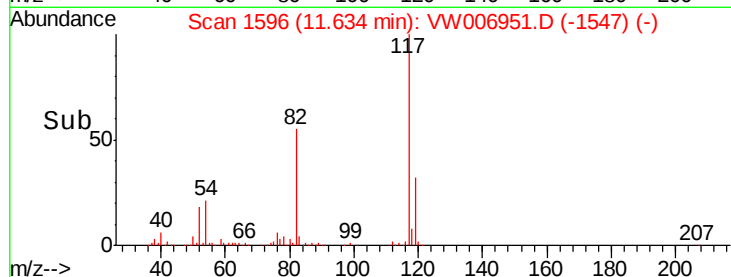
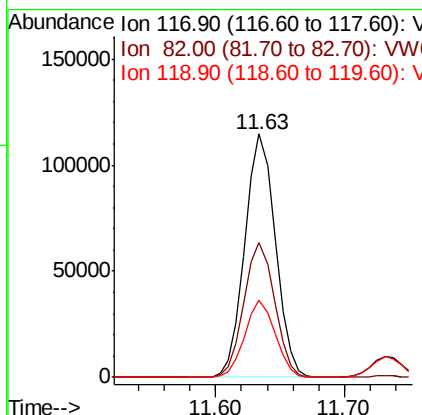
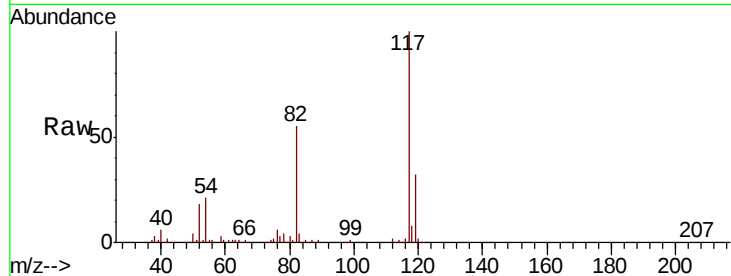
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.2
119	31.6	25.5	38.3

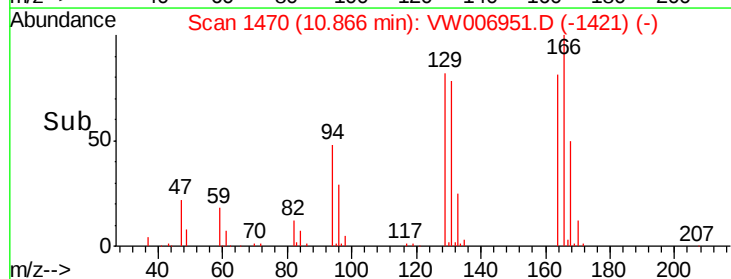
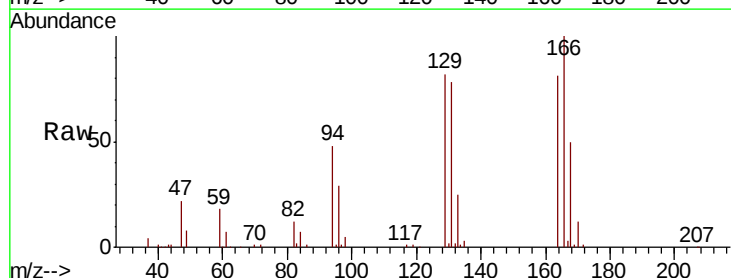
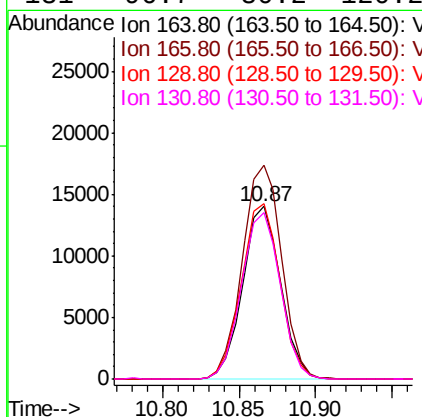
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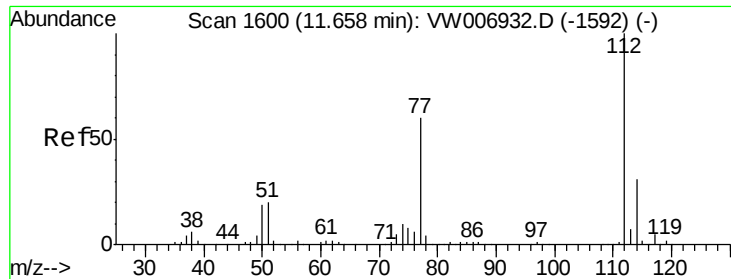
sam
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#64
Tetrachloroethene
Concen: 19.994 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	102.6	154.0
129	101.5	81.0	121.4
131	96.7	80.2	120.2





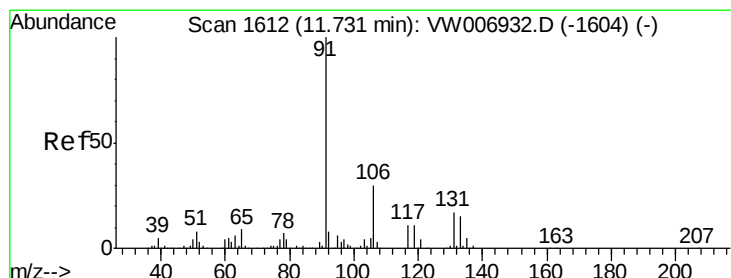
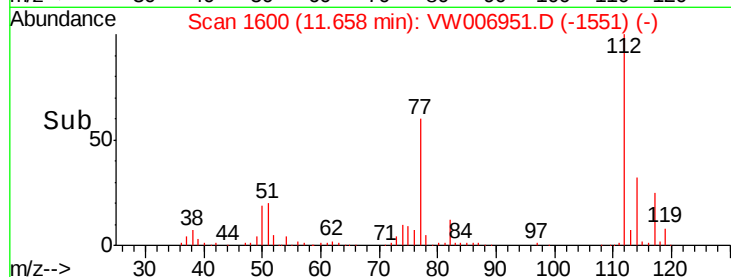
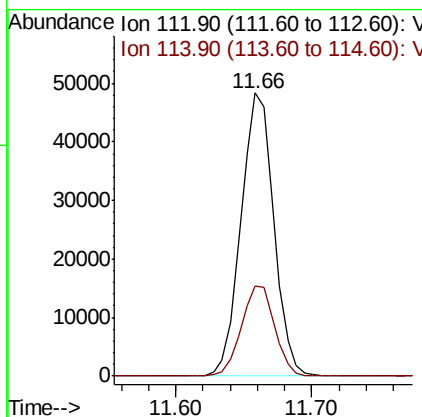
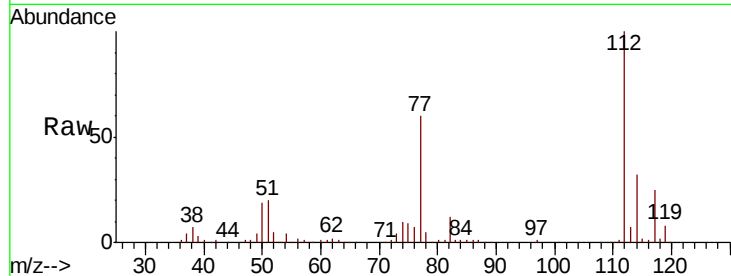
#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:112 Resp: 81334
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0

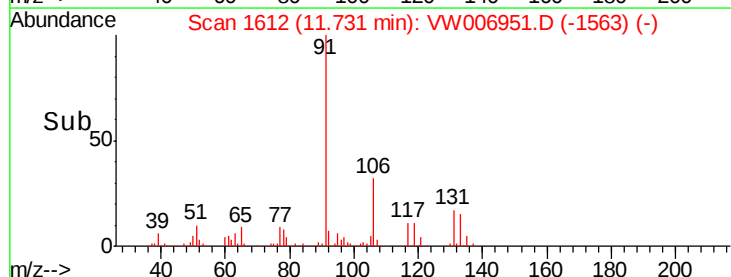
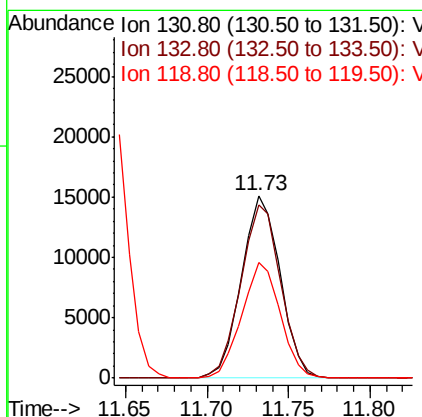
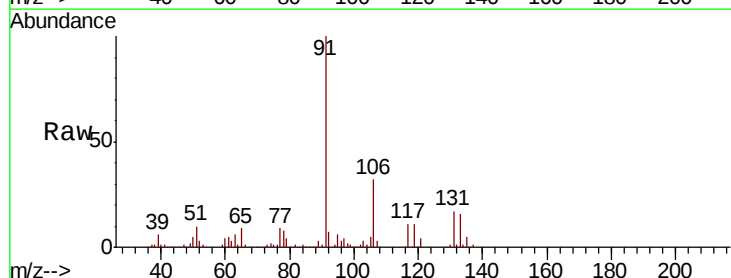
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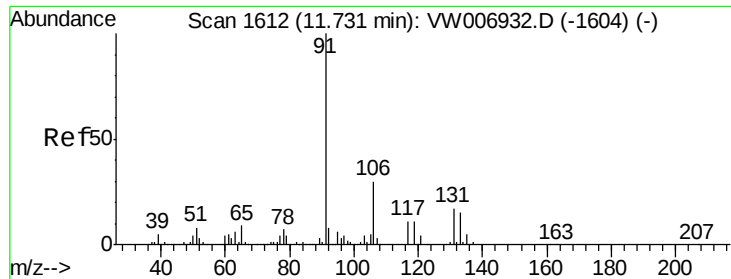
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.752 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:131 Resp: 24952
Ion Ratio Lower Upper
131 100
133 98.4 47.2 141.6
119 63.4 32.5 97.4





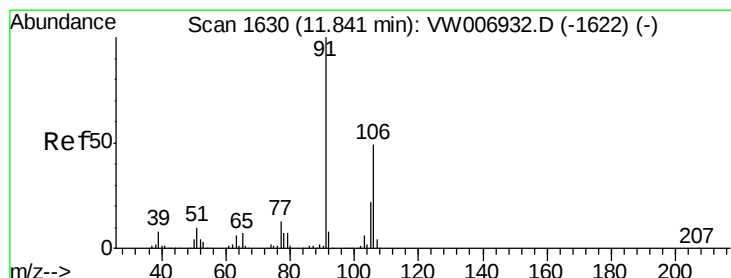
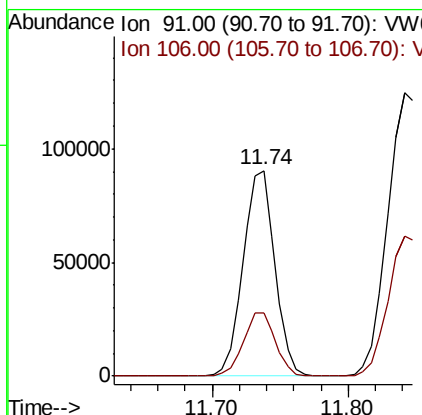
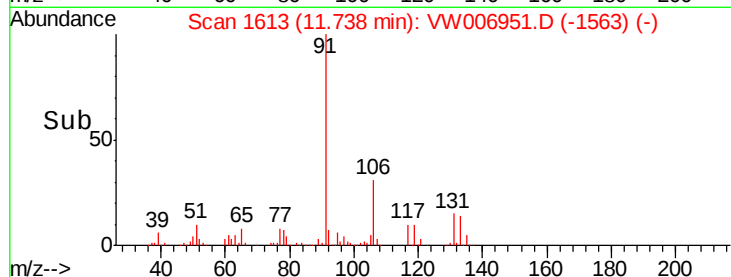
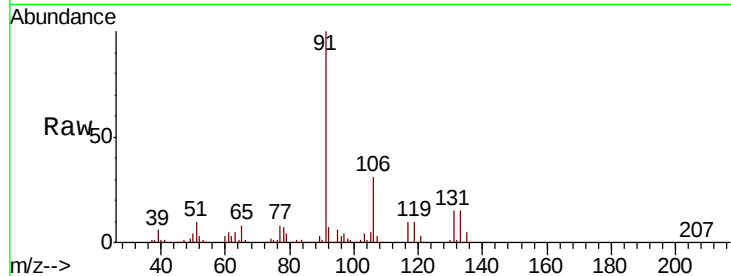
#67
Ethyl Benzene
Concen: 20.638 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion: 91 Resp: 147500
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

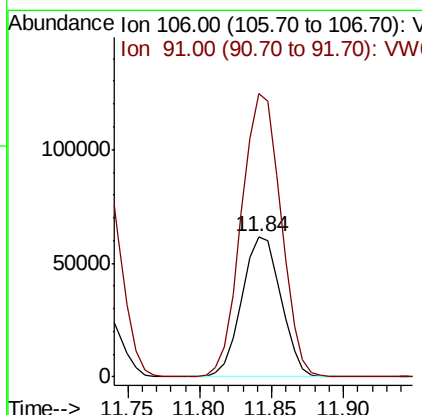
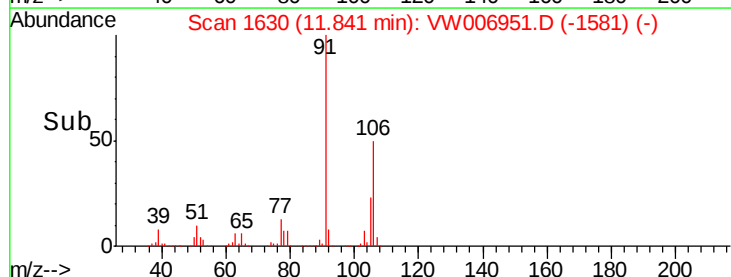
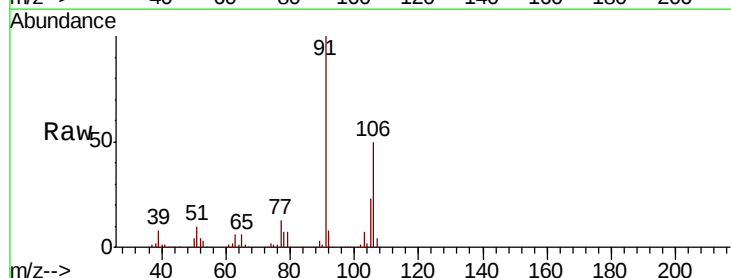
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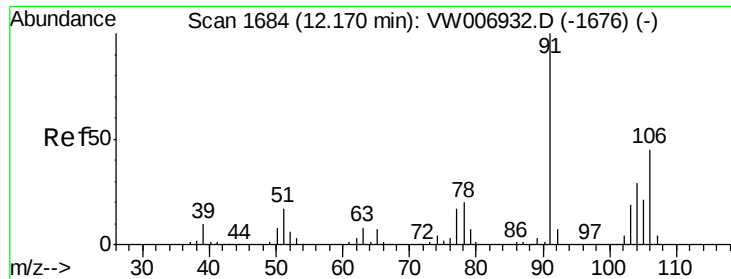
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#68
m/p-Xylenes
Concen: 41.724 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 106 Resp: 116126
Ion Ratio Lower Upper
106 100
91 204.7 165.0 247.4





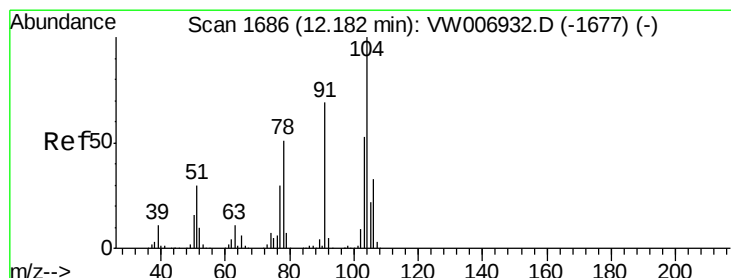
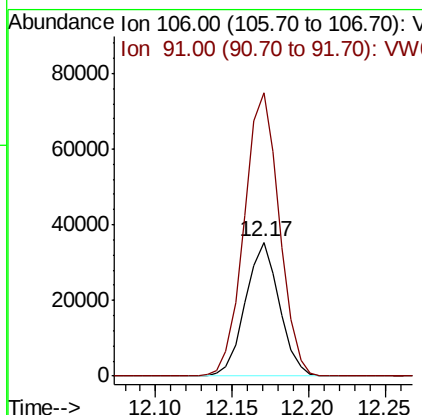
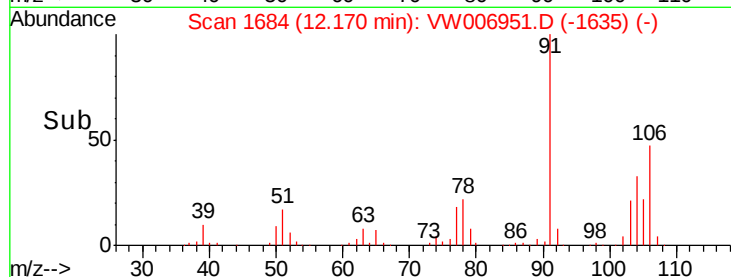
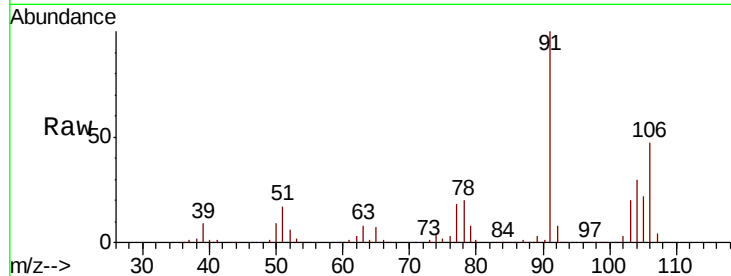
#69
o-Xylene
Concen: 20.585 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:106 Resp: 54375
Ion Ratio Lower Upper
106 100
91 219.8 109.2 327.6

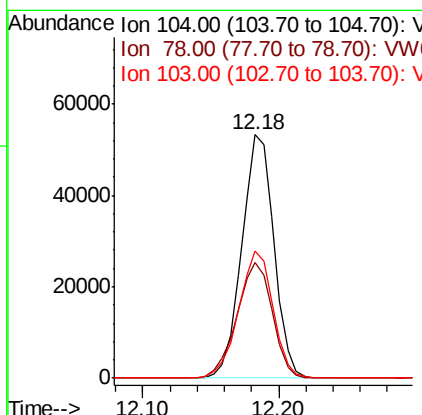
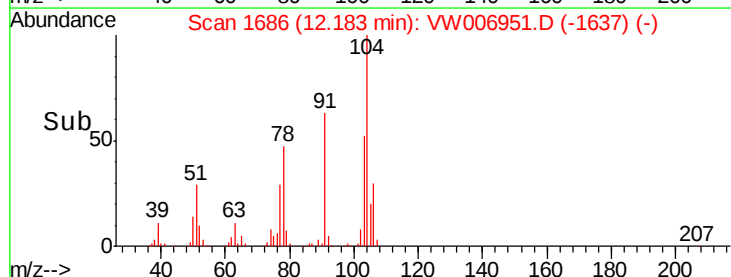
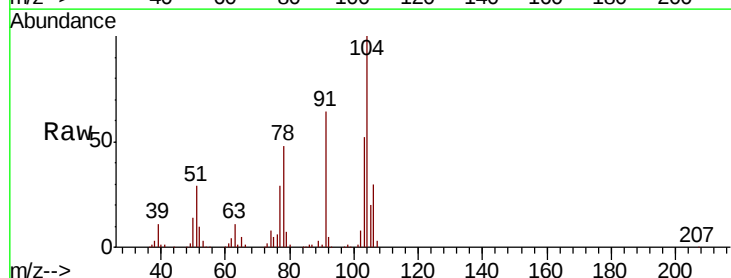
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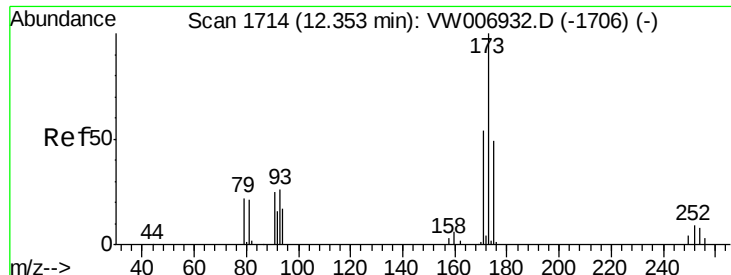
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#70
Styrene
Concen: 20.729 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:104 Resp: 88055
Ion Ratio Lower Upper
104 100
78 52.2 42.5 63.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 20.982 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

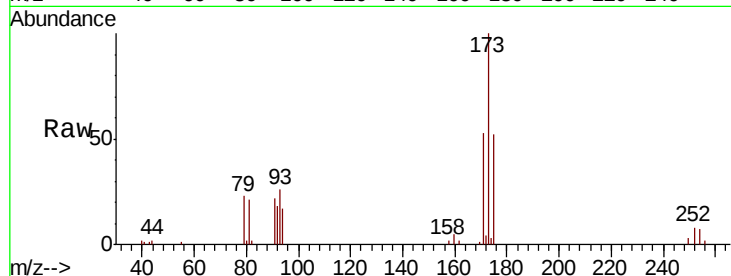
ClientSampleId :

VW1120SBS01

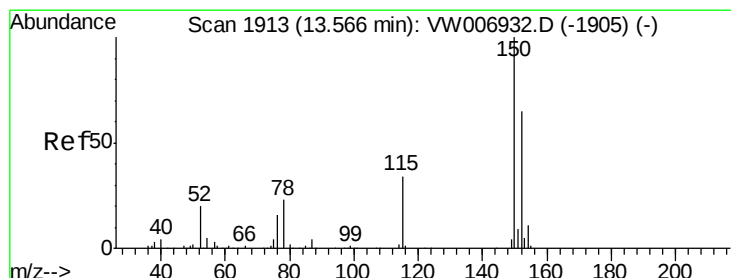
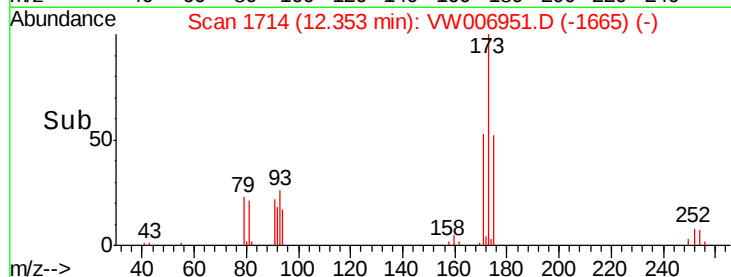
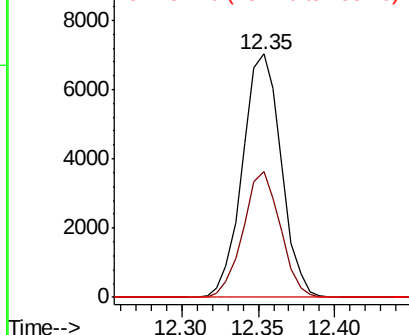
Tot Ion:	173	Resp:	12357
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

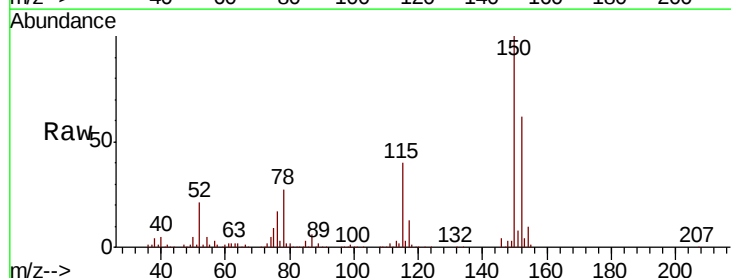
RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

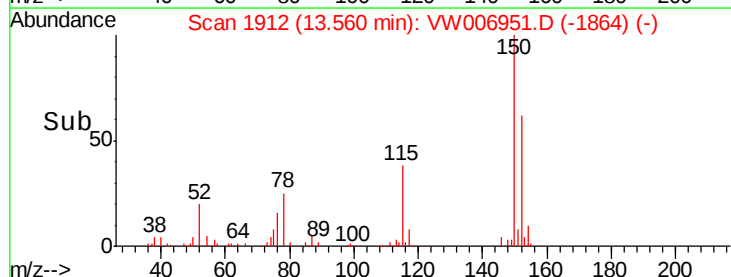
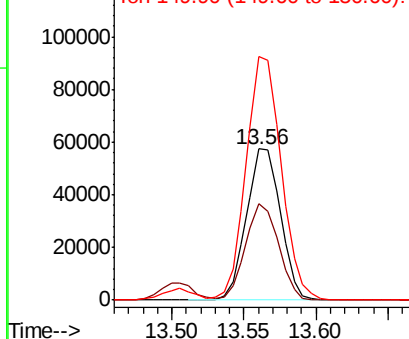
Lab File: VW006951.D

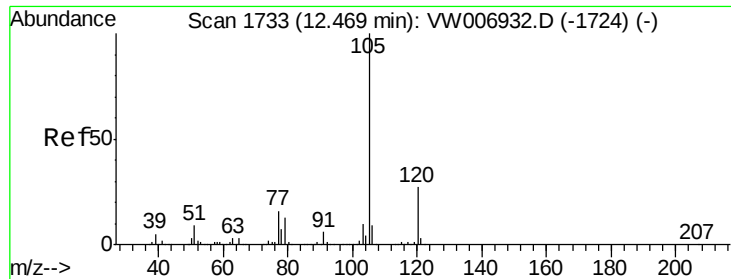
Acq: 19 Nov 2018 19:18

Tgt Ion:	152	Resp:	94012
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.6	94.7
150	166.0	0.0	350.0



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





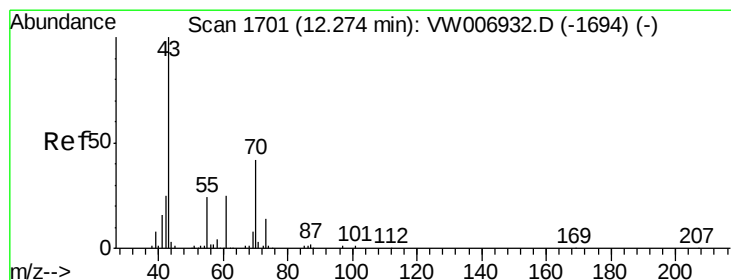
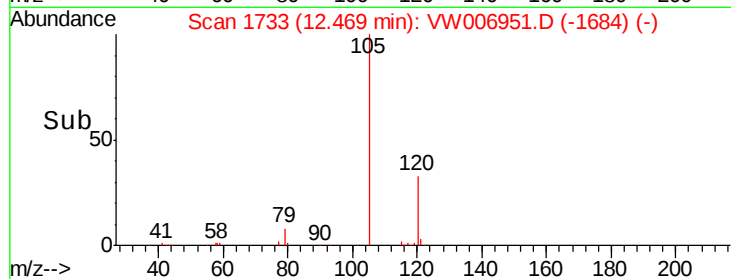
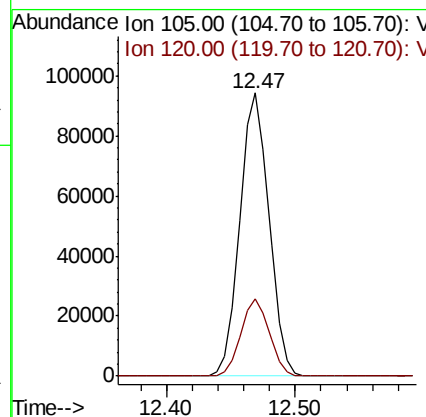
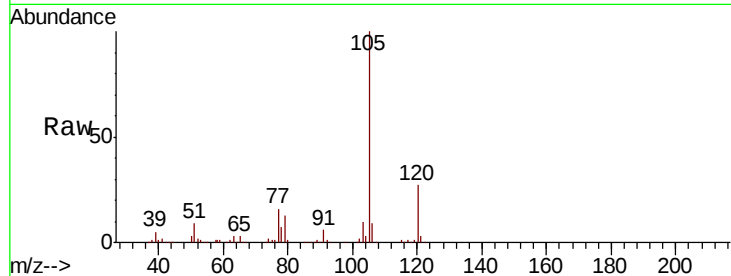
#73
Isopropylbenzene
Concen: 19.866 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.6

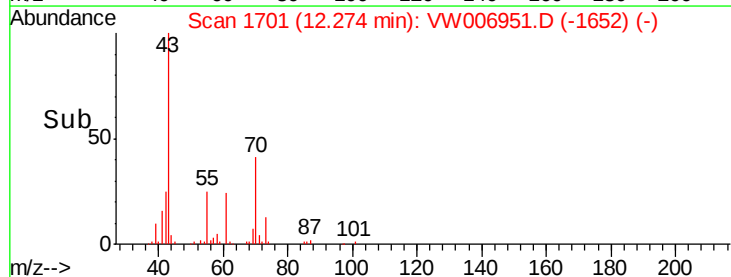
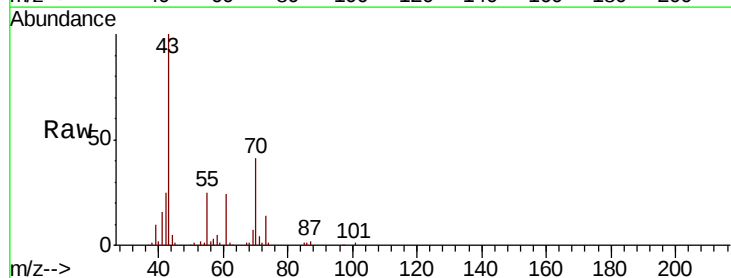
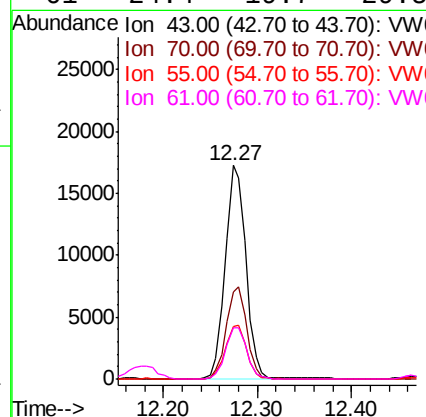
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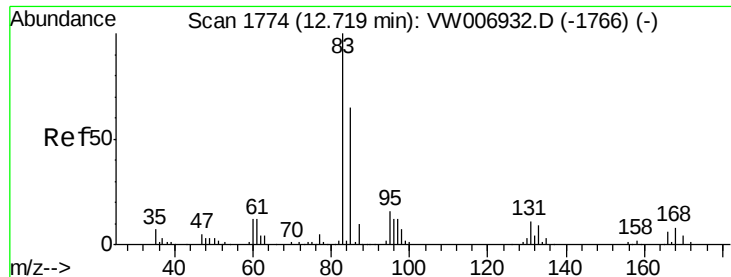
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#74
N-ethyl acetate
Concen: 17.740 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	34.2	51.4
55	25.4	19.5	29.3
61	24.4	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.117 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

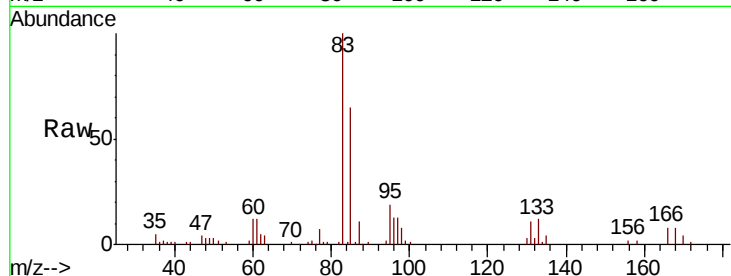
ClientSampleId :

VW1120SBS01

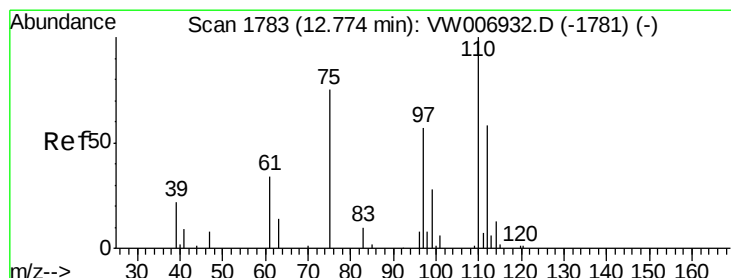
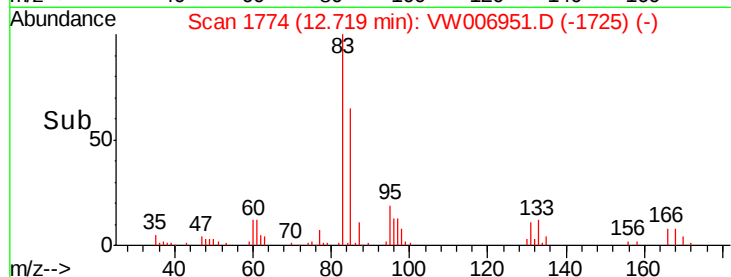
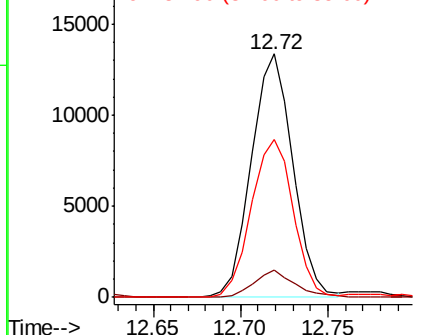
Tot Ion:	83	Resp:	22031
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	65.4	32.5	97.5

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



#76

1,2,3-Trichloropropane

Concen: 26.913 ug/l m

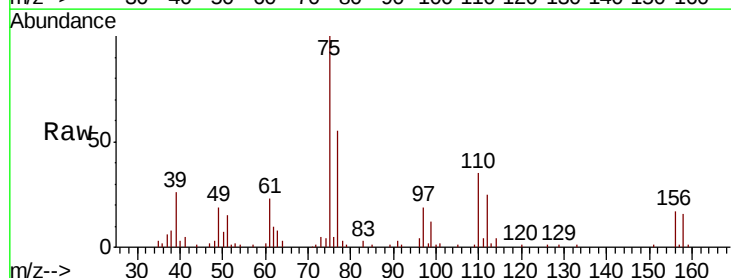
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

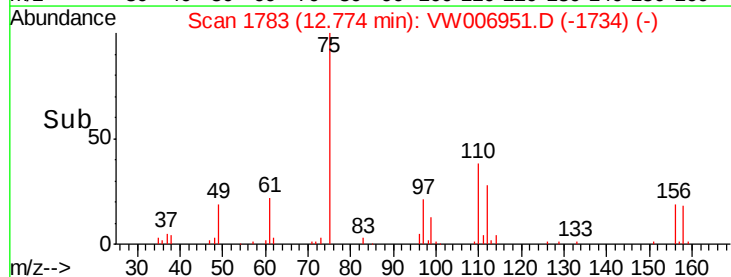
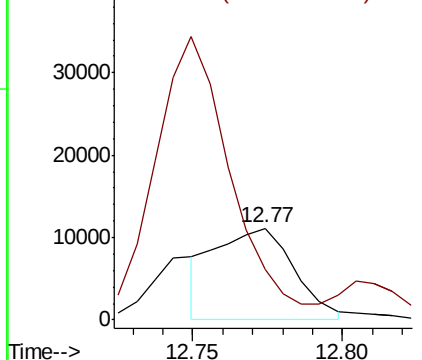
Lab File: VW006951.D

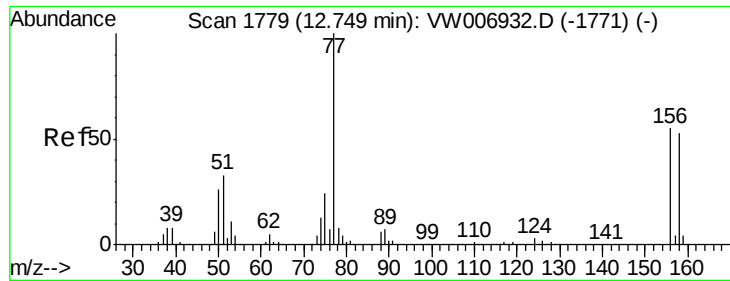
Acq: 19 Nov 2018 19:18

Tgt Ion:	75	Resp:	20333
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.616 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

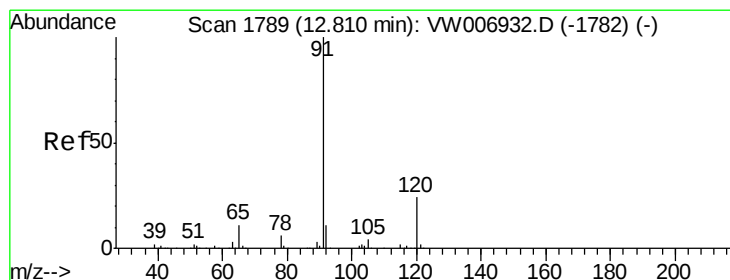
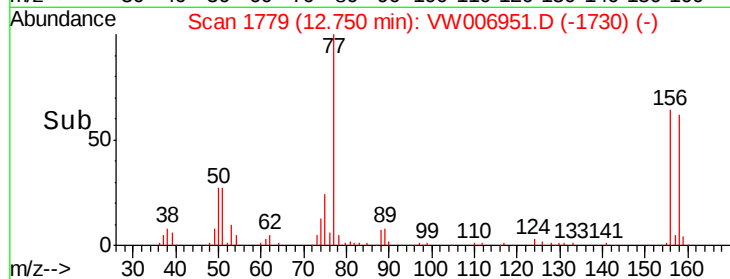
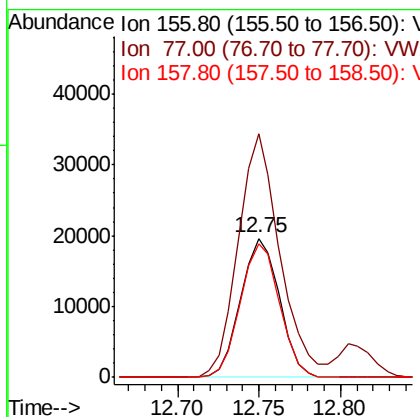
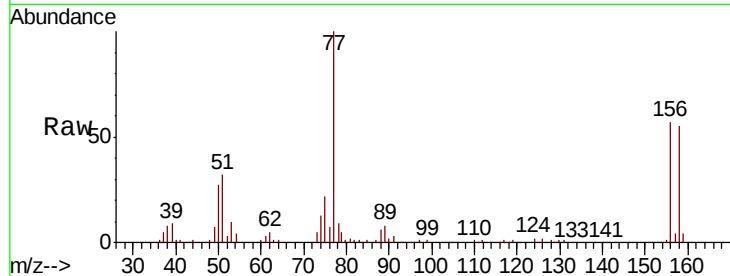
ClientSampleId :

VW1120SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	188.5	97.8	293.3	
158	96.8	47.9	143.7	

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#78

n-propylbenzene

Concen: 19.881 ug/l

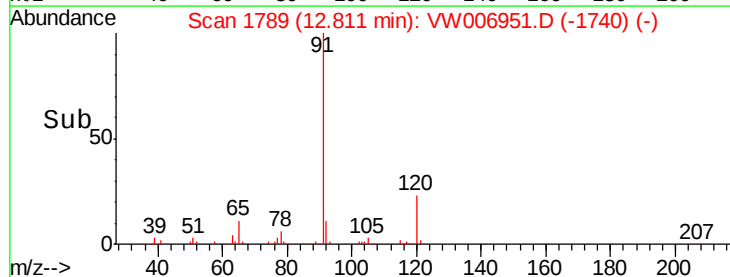
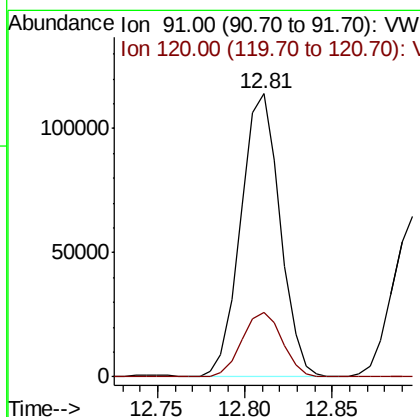
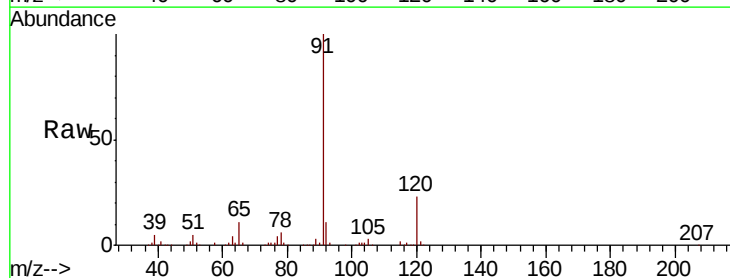
RT: 12.81 min Scan# 1789

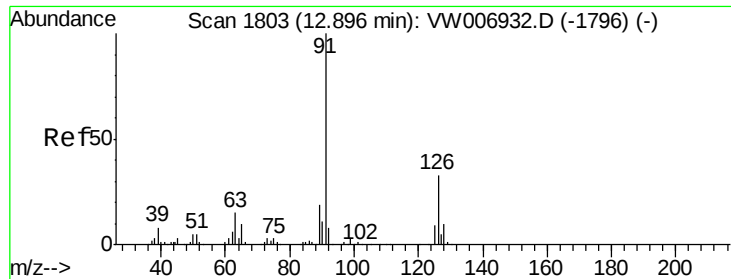
Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.4	11.5	34.5	





#79

2-Chlorotoluene

Concen: 19.810 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 91 Resp: 103864

Ion Ratio Lower Upper

91 100

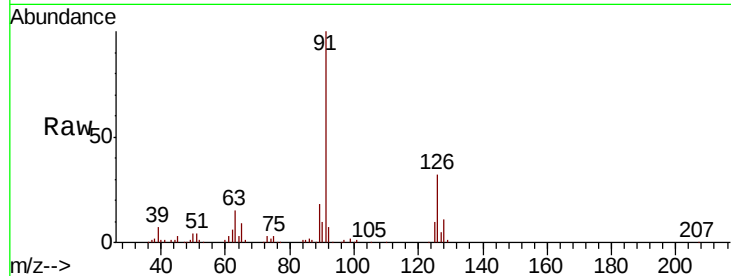
126 32.8 16.6 49.7

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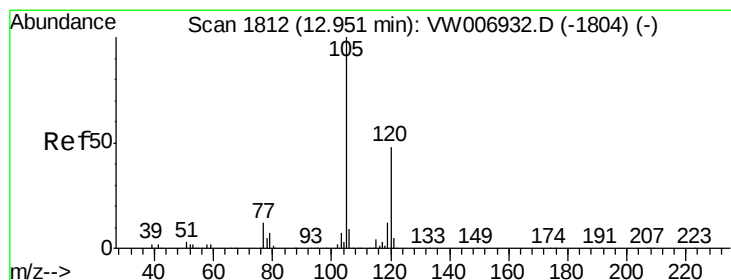
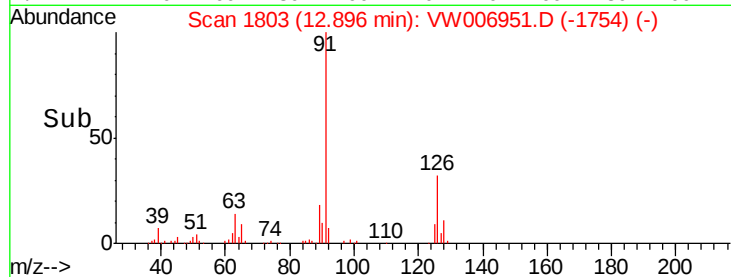
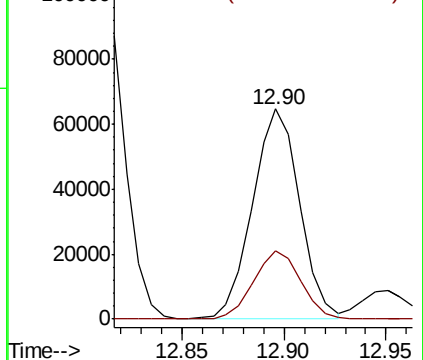
sam

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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: 20.065 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006951.D

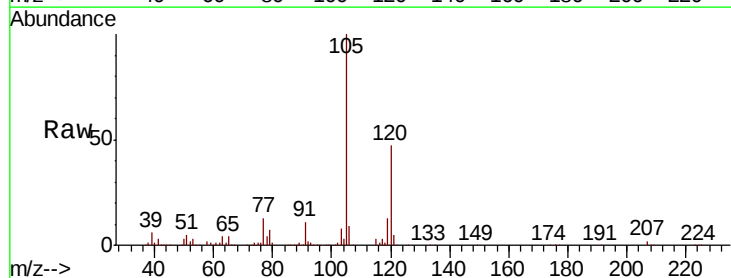
Acq: 19 Nov 2018 19:18

Tgt Ion:105 Resp: 128638

Ion Ratio Lower Upper

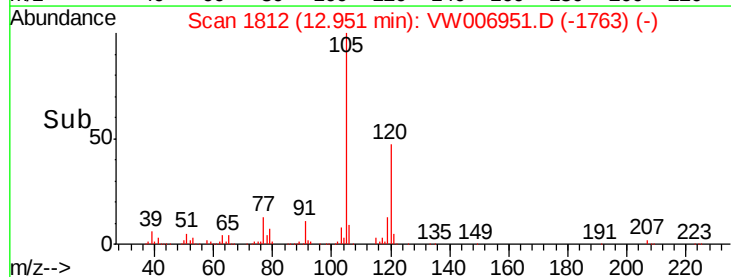
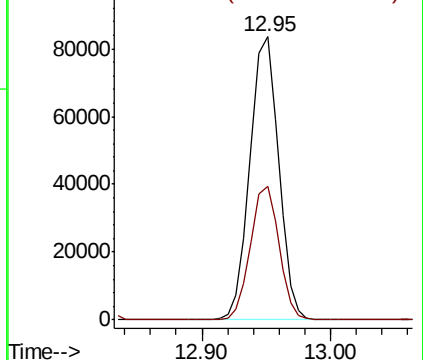
105 100

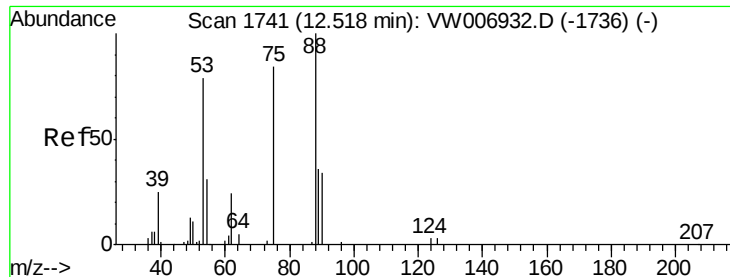
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





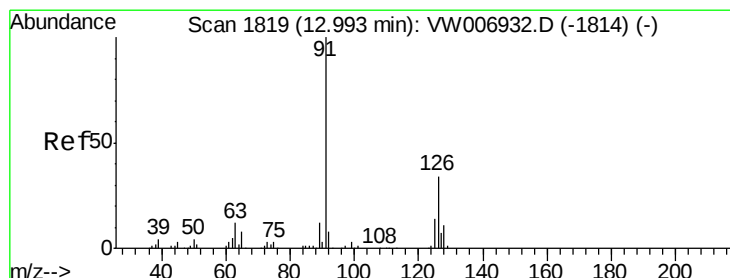
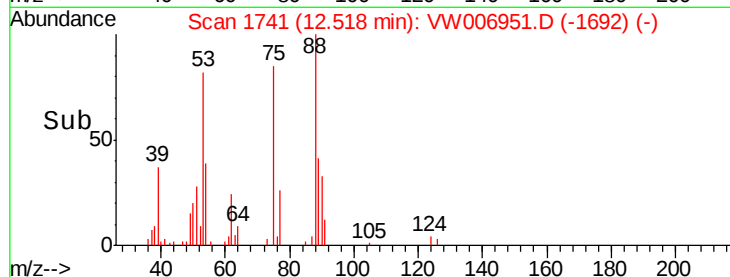
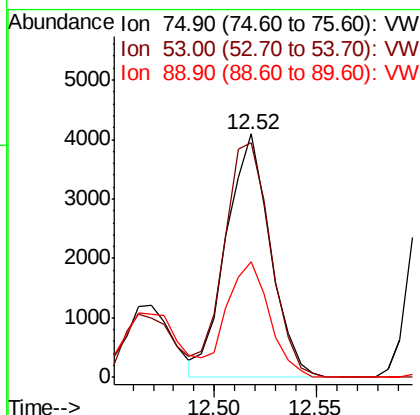
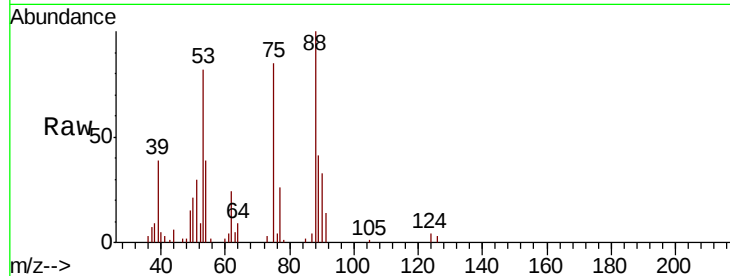
#81
trans-1,4-Dichloro-2-butene
Concen: 18.461 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	79.3	118.9
89	45.9	39.5	59.3

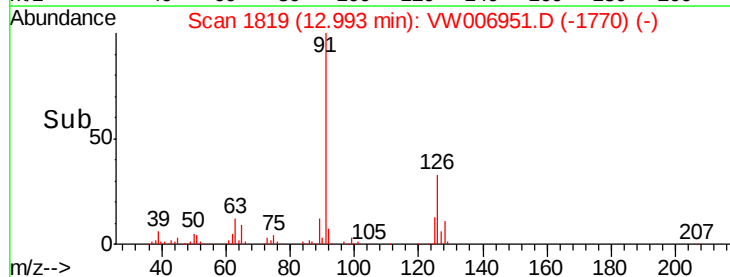
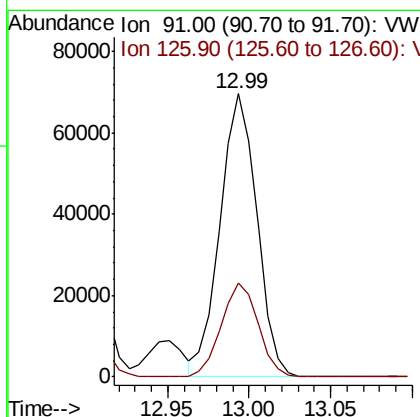
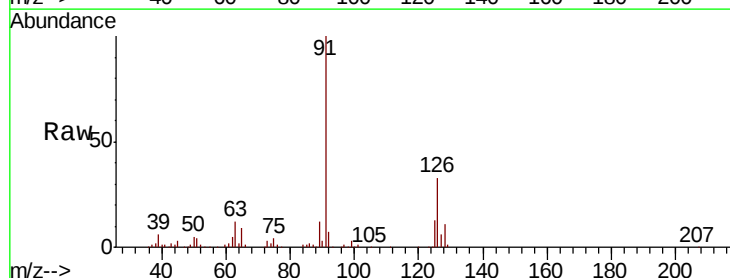
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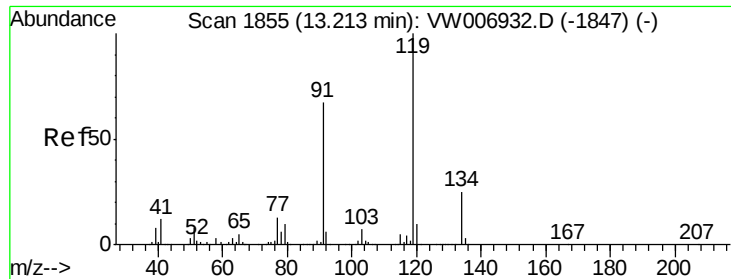
sam
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#82
4-Chlorotoluene
Concen: 19.798 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





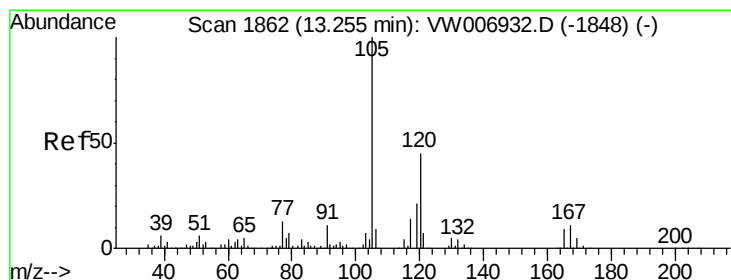
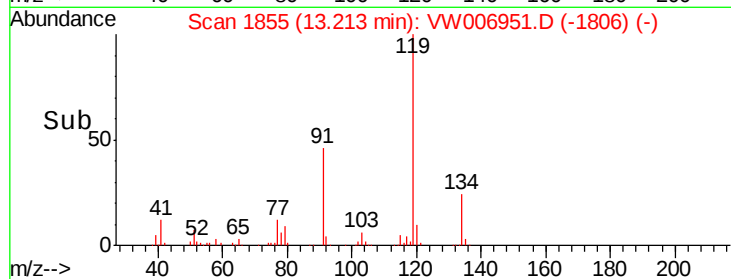
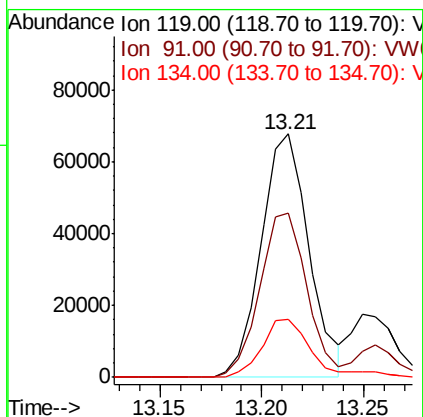
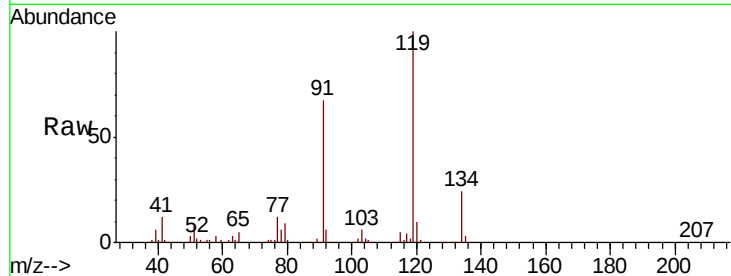
#83
tert-Butylbenzene
Concen: 20.324 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.8	101.4
134	25.3	12.6	37.8

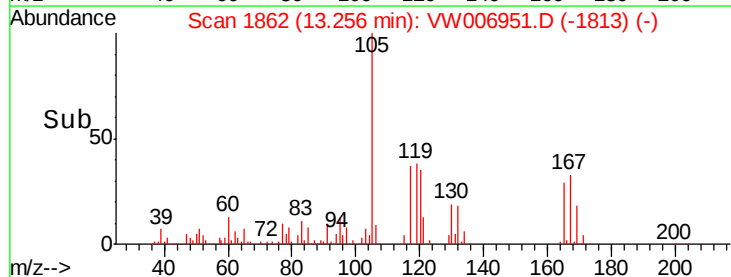
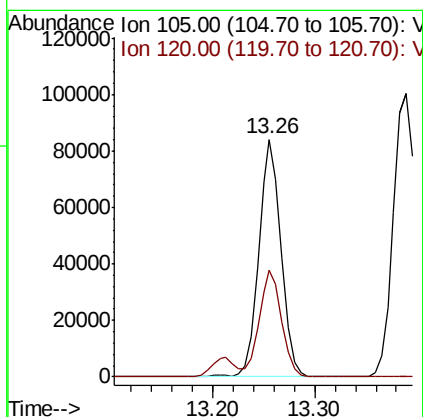
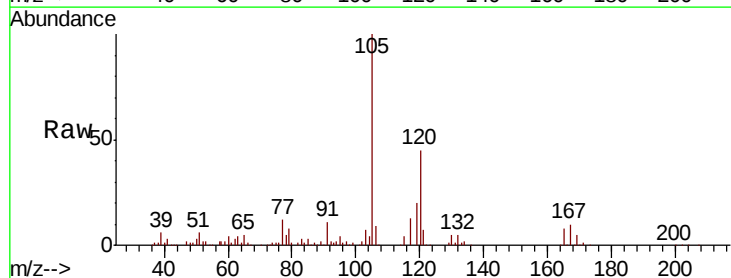
Manual Integrations
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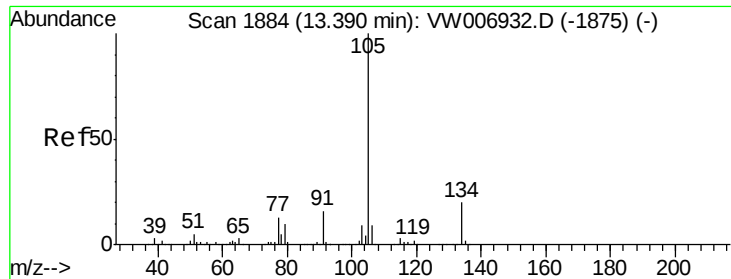
sam
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#84
1,2,4-Trimethylbenzene
Concen: 19.882 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	21.9	65.8





#85

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion:105 Resp: 156932

Ion Ratio Lower Upper

105 100

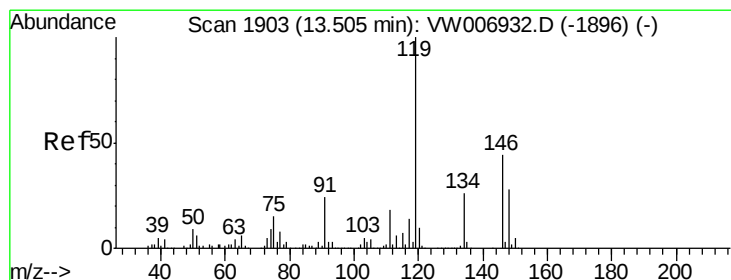
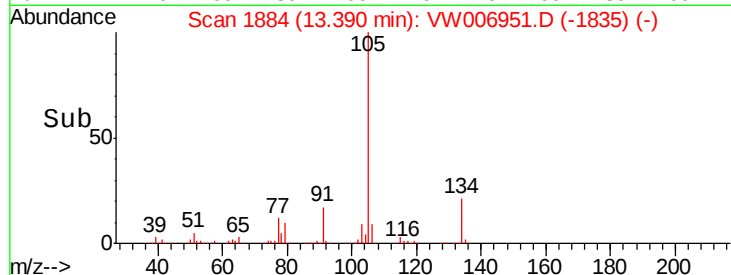
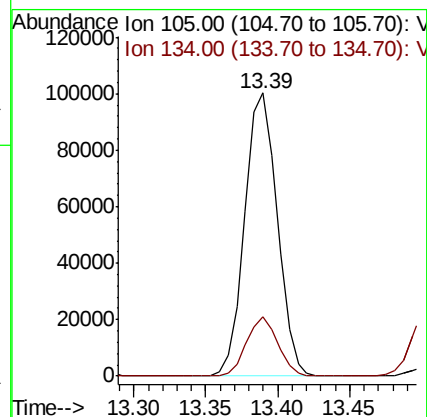
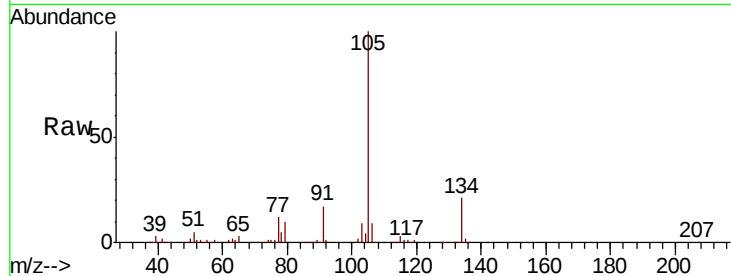
134 19.9 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.360 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

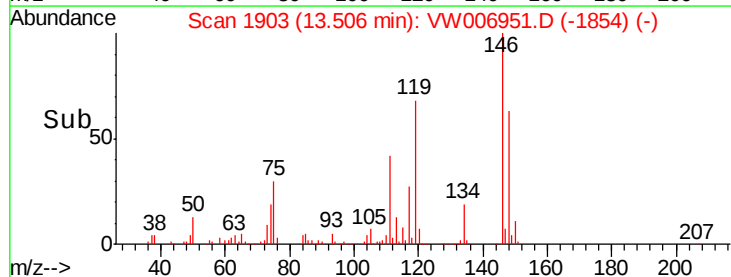
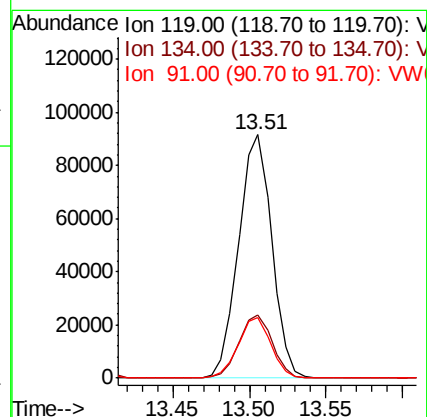
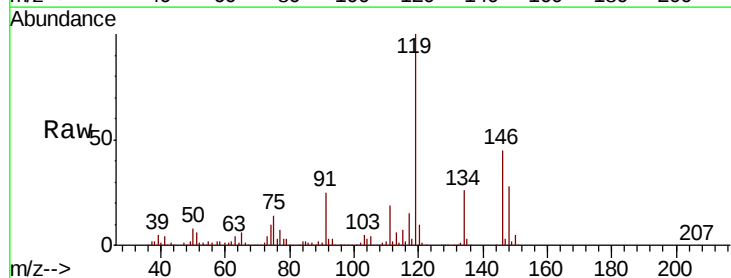
Tgt Ion:119 Resp: 138228

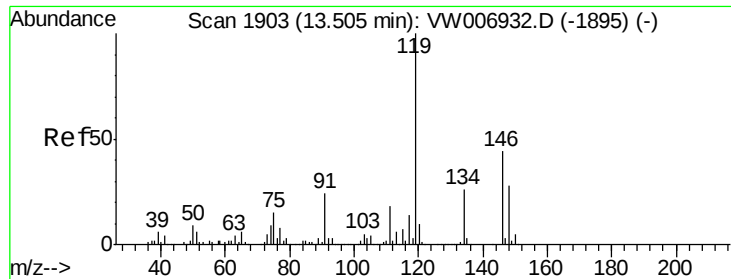
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

91 24.3 12.4 37.2





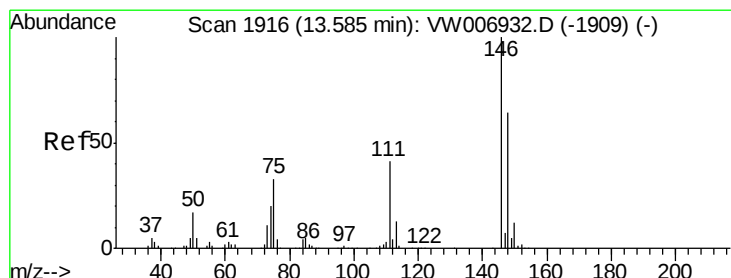
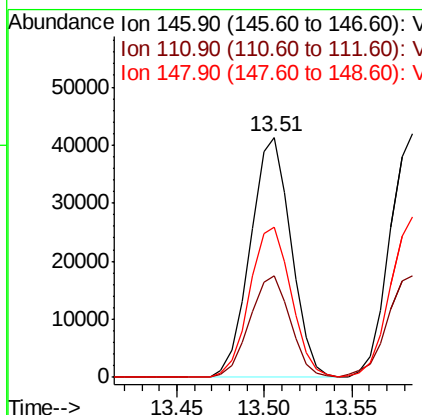
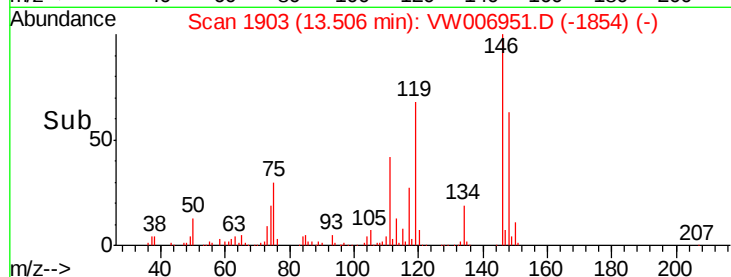
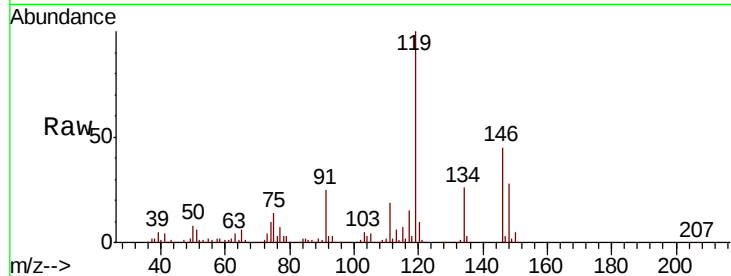
#87
 1,3-Dichlorobenzene
 Concen: 20.729 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	63.8	31.9	95.9

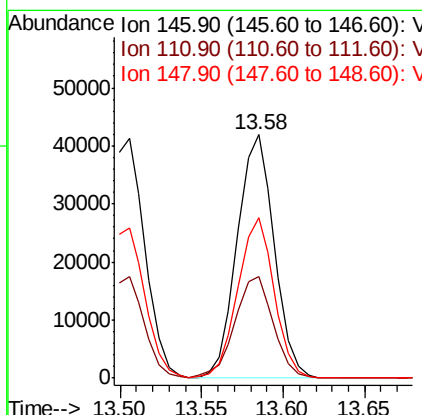
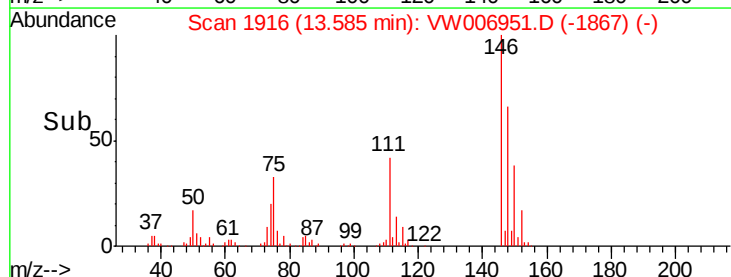
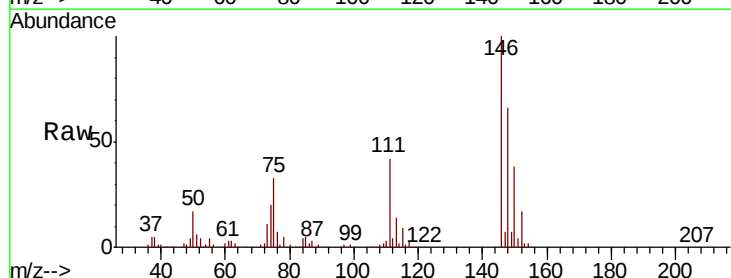
Manual Integrations
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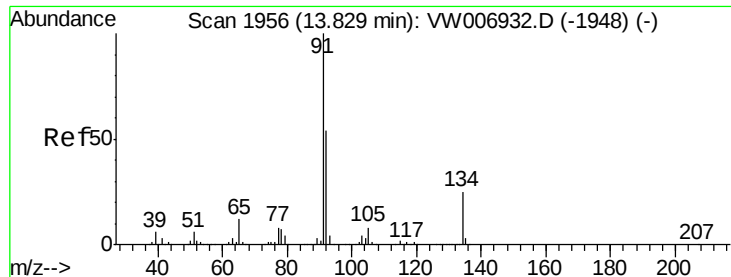
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#88
 1,4-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.7	62.1
148	64.8	31.9	95.9





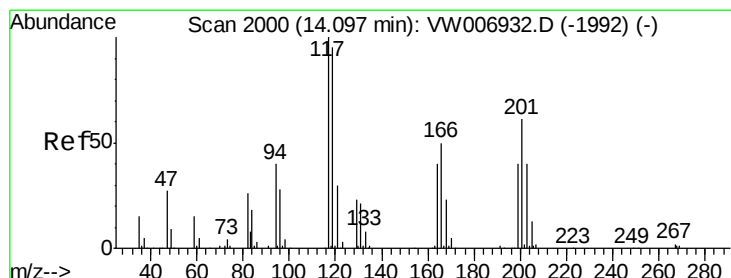
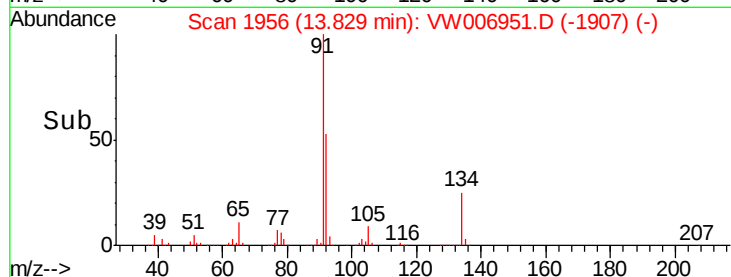
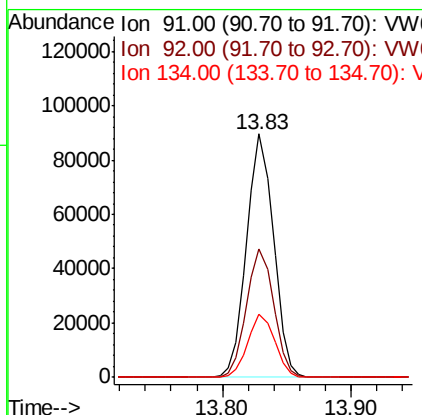
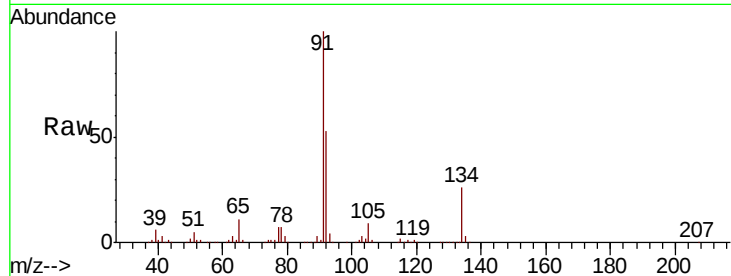
#89
n-Butylbenzene
Concen: 20.105 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	26.1	12.9	38.6

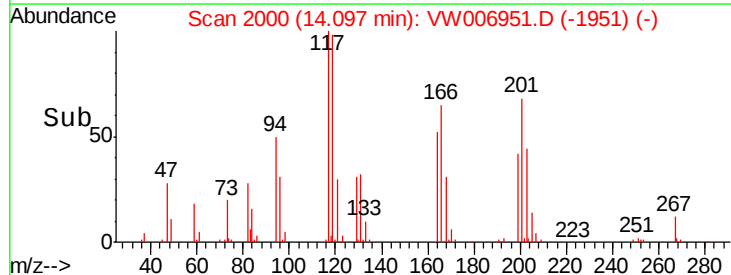
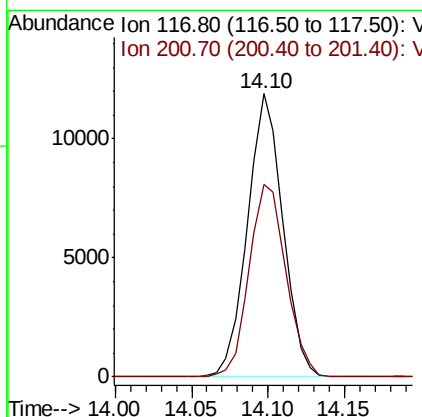
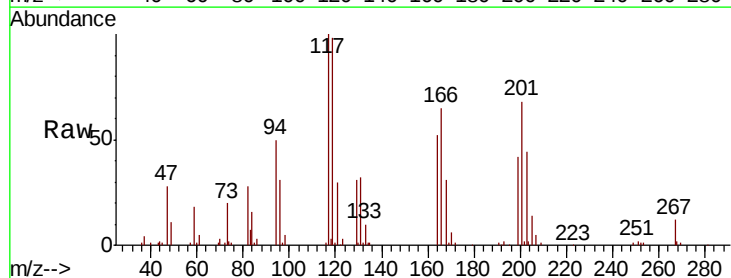
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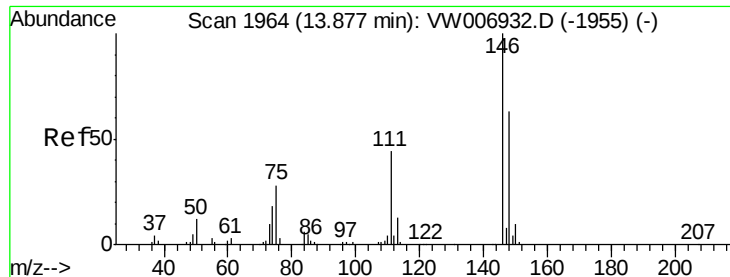
sam
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#90
Hexachloroethane
Concen: 17.280 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.1	33.8	101.4





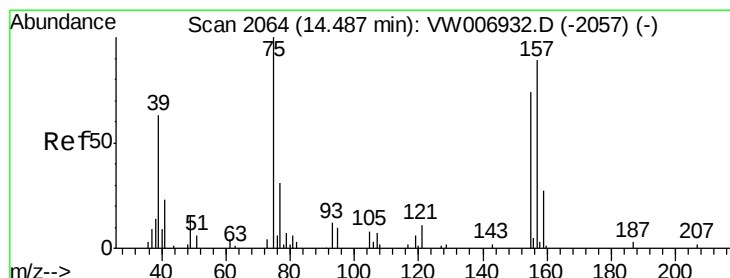
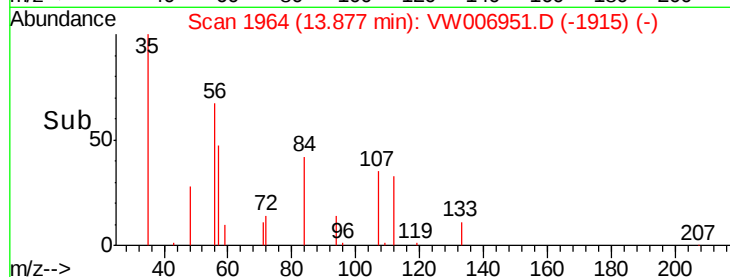
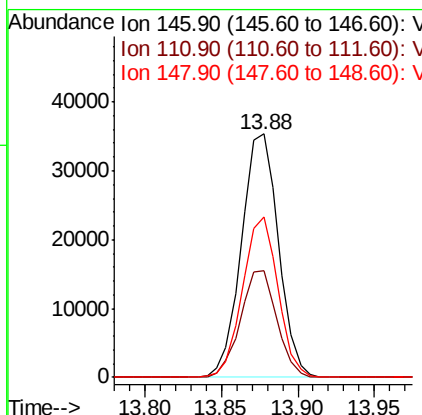
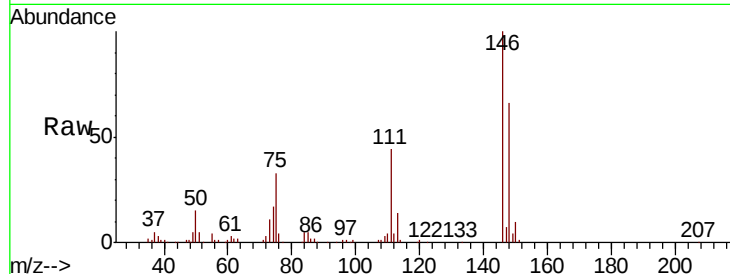
#91
 1,2-Dichlorobenzene
 Concen: 20.653 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.6	67.7
148	62.9	31.7	95.1

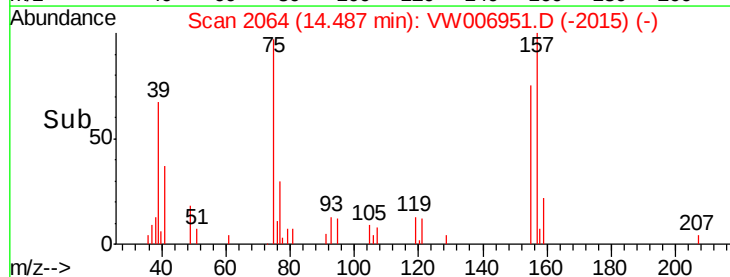
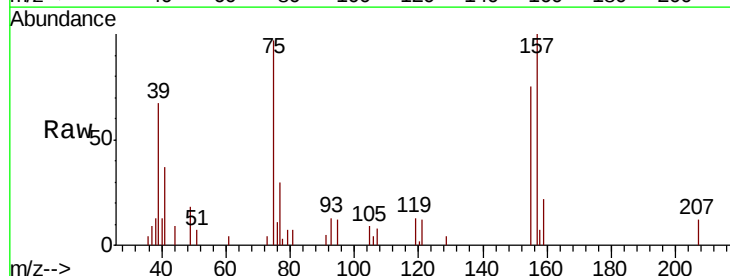
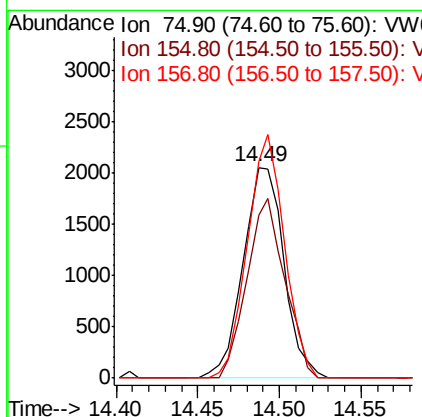
Manual Integrations
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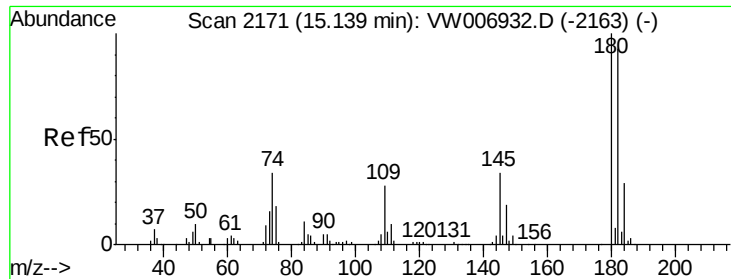
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.975 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	38.6	115.7
157	104.9	49.7	149.1





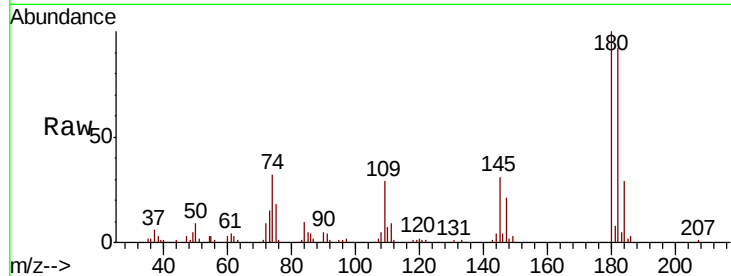
#93
1,2,4-Trichlorobenzene
Concen: 20.532 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	32.2	16.8	50.4

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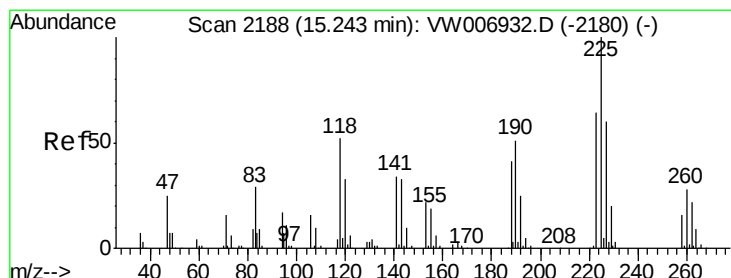
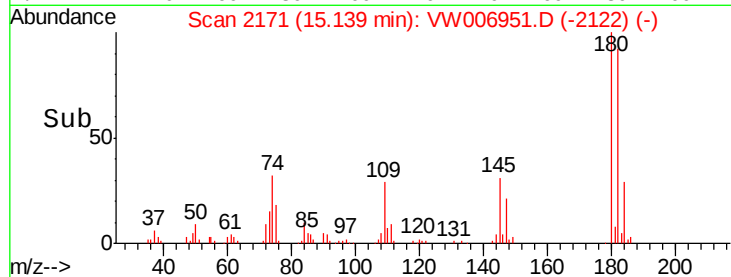
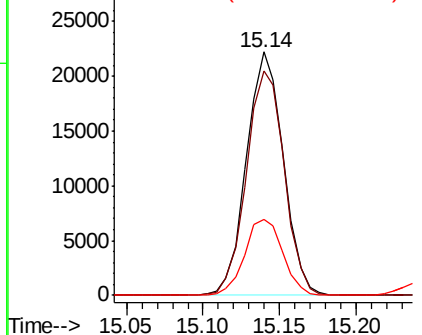


Abundance

Ion 179.80 (179.50 to 180.50): V

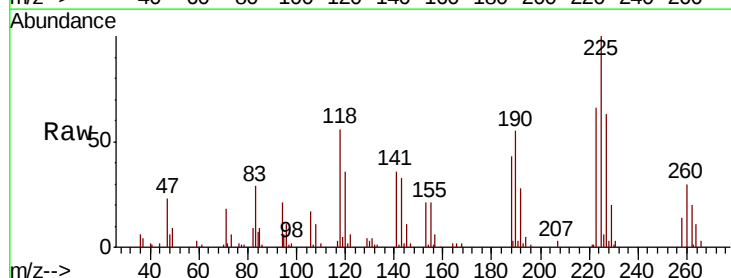
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 20.203 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.1	96.3
227	60.8	31.6	95.0

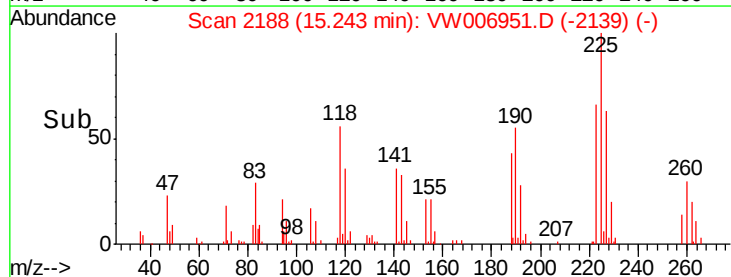
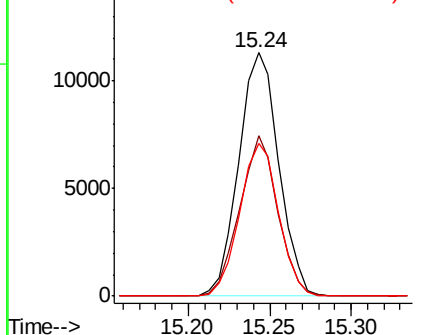


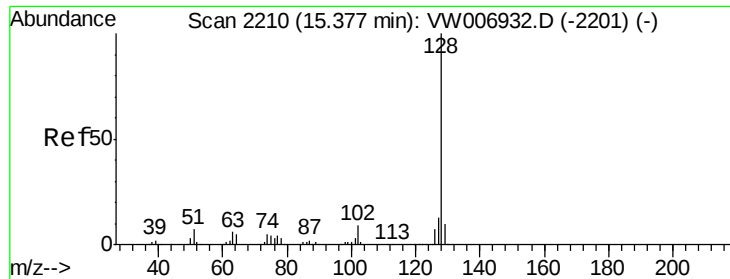
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





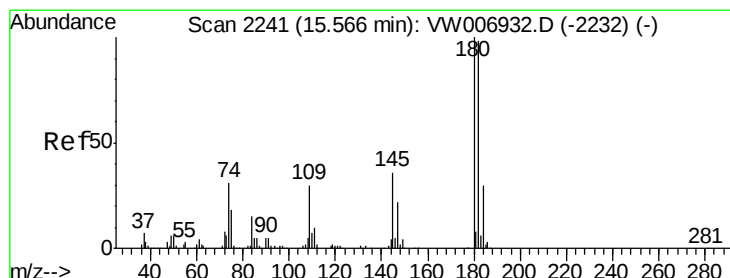
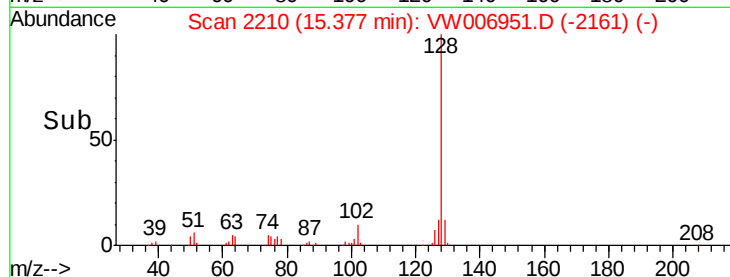
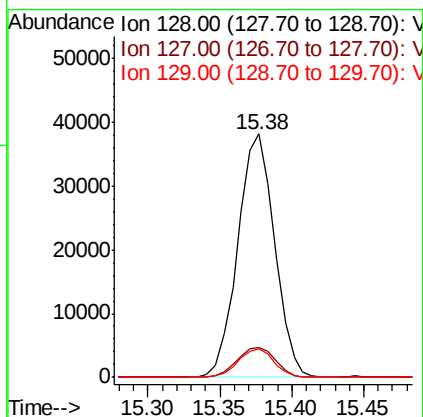
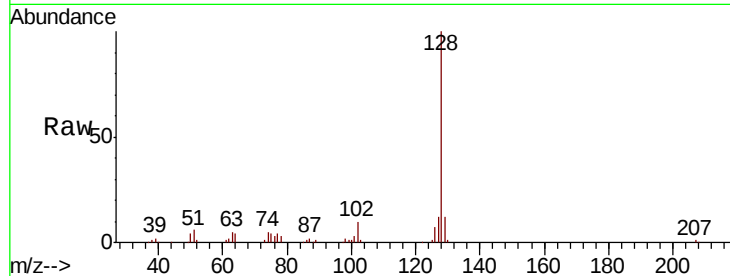
#95
Naphthalene
Concen: 19.340 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.4	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.598 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.2
145	36.1	17.6	52.9

