

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006788.D
 Acq On : 09 Nov 2018 14:49
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:00 PM

Quant Time: Nov 09 15:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 13:58:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	336020	123.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	246.86%	
35) Dibromofluoromethane	7.89	113	364170	136.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.36%	
50) Toluene-d8	10.33	98	1455904	143.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.08%	
62) 4-Bromofluorobenzene	12.62	95	547649	148.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	333226	202.974	ug/l	97
3) Chloromethane	2.21	50	402514	198.158	ug/l	99
4) Vinyl Chloride	2.35	62	423373	149.271	ug/l	100
5) Bromomethane	2.77	94	248029	104.202	ug/l	97
6) Chloroethane	2.91	64	271082	136.791	ug/l	100
7) Trichlorofluoromethane	3.26	101	569035	227.194	ug/l	98
8) Diethyl Ether	3.69	74	175972	128.530	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	364207	136.177	ug/l	99
10) Methyl Iodide	4.27	142	551793	113.786	ug/l	100
11) Tert butyl alcohol	5.22	59	117774	802.971	ug/l	98
12) 1,1-Dichloroethene	4.04	96	331985	128.519	ug/l	97
13) Acrolein	3.90	56	125259	679.005	ug/l	100
14) Allyl chloride	4.67	41	456252	135.312	ug/l	99
15) Acrylonitrile	5.38	53	363311	740.077	ug/l	99
16) Acetone	4.15	43	242388	551.501	ug/l	98
17) Carbon Disulfide	4.38	76	1100101	149.655	ug/l	100
18) Methyl Acetate	4.68	43	169859	134.402	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	822375	213.878	ug/l	98
20) Methylene Chloride	4.92	84	373598	109.173	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	389572	133.279	ug/l	99
22) Diisopropyl ether	6.32	45	958433	136.344	ug/l	97
23) Vinyl Acetate	6.26	43	2805681	719.736	ug/l	100
24) 1,1-Dichloroethane	6.22	63	611234	128.298	ug/l	98
25) 2-Butanone	7.18	43	407944	650.466	ug/l	99
26) 2,2-Dichloropropane	7.17	77	531063	185.049	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	424332	129.759	ug/l	99
28) Bromochloromethane	7.52	49	235150	124.302	ug/l	100
29) Tetrahydrofuran	7.54	42	281437	713.460	ug/l	98
30) Chloroform	7.68	83	661200	126.586	ug/l	99
31) Cyclohexane	7.96	56	547567	126.281	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	595468	134.725	ug/l	99
36) 1,1-Dichloropropene	8.09	75	511031	136.878	ug/l	99
37) Ethyl Acetate	7.26	43	193484	149.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	548357	140.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	713842	150.667	ug/l	99
40) Benzene	8.33	78	1487224	140.245	ug/l	100
41) Methacrylonitrile	7.49	41	124883	157.410	ug/l	90
42) 1,2-Dichloroethane	8.40	62	405393	133.300	ug/l	99
43) Isopropyl Acetate	8.43	43	395416	153.156	ug/l	100
44) Trichloroethene	9.10	130	452182	138.182	ug/l	99
45) 1,2-Dichloropropane	9.37	63	343259	139.092	ug/l	100
46) Dibromomethane	9.46	93	204136	140.716	ug/l	99
47) Bromodichloromethane	9.65	83	476993	141.608	ug/l	99
48) Methyl methacrylate	9.44	41	188277	151.362	ug/l	99
49) 1,4-Dioxane	9.48	88	60449	2847.241	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	983020	741.367	ug/l	98
52) Toluene	10.39	92	1067066	150.025	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	510400	157.444	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	579597	151.298	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	297185	144.382	ug/l	98
56) Ethyl methacrylate	10.65	69	372133	159.065	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478785	143.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	920619	809.514	ug/l	99
59) 2-Hexanone	10.98	43	674610	749.086	ug/l	98
60) Dibromochloromethane	11.13	129	378398	155.162	ug/l	100
61) 1,2-Dibromoethane	11.24	107	294111	143.887	ug/l	99
64) Tetrachloroethene	10.87	164	437812	131.508	ug/l	99
65) Chlorobenzene	11.66	112	1223667	139.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	421143	136.339	ug/l	100
67) Ethyl Benzene	11.74	91	2146558	146.131	ug/l	100
68) m/p-Xylenes	11.84	106	1756384	299.279	ug/l	100
69) o-Xylene	12.17	106	826803	147.983	ug/l	100
70) Styrene	12.19	104	1368466	150.233	ug/l	100
71) Bromoform	12.35	173	249212	152.199	ug/l #	99
73) Isopropylbenzene	12.47	105	2258912	147.573	ug/l	100
74) N-amyl acetate	12.28	43	386688	146.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	330103	136.541	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	255321m	140.830	ug/l	
77) Bromobenzene	12.75	156	552049	139.294	ug/l	98
78) n-propylbenzene	12.81	91	2614405	148.491	ug/l	100
79) 2-Chlorotoluene	12.90	91	1448198	143.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1890466	147.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	108305	173.480	ug/l	95
82) 4-Chlorotoluene	12.99	91	1543917	144.427	ug/l	100
83) tert-Butylbenzene	13.21	119	1674331	146.000	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1917862	145.398	ug/l	100
85) sec-Butylbenzene	13.39	105	2348240	146.200	ug/l	100
86) p-Isopropyltoluene	13.51	119	2146072	146.842	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1095542	140.364	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1068146	138.063	ug/l	100
89) n-Butylbenzene	13.83	91	1948989	150.230	ug/l	99
90) Hexachloroethane	14.10	117	349819	145.637	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	942197	134.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52782	134.549	ug/l	98

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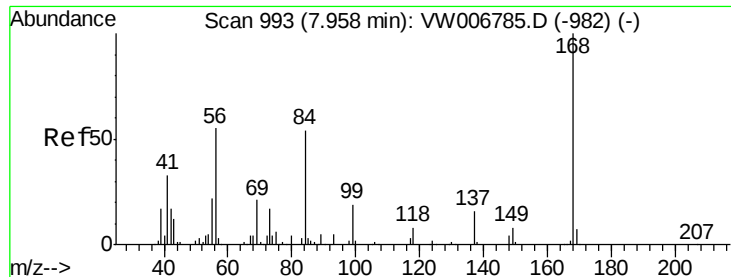
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	709868	135.979	ug/l	100
94) Hexachlorobutadiene	15.24	225	423758	130.242	ug/l	99
95) Naphthalene	15.38	128	1227428	146.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	616252	134.314	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 31690

Ion Ratio Lower Upper

168 100

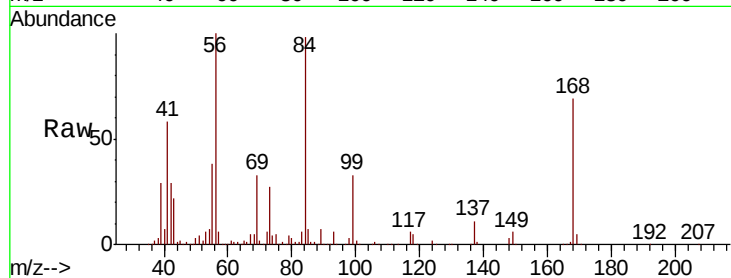
99 47.9 36.8 55.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

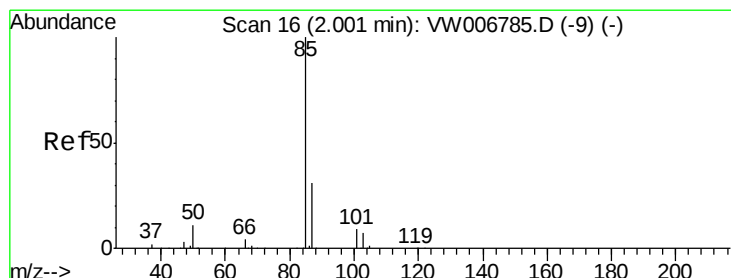
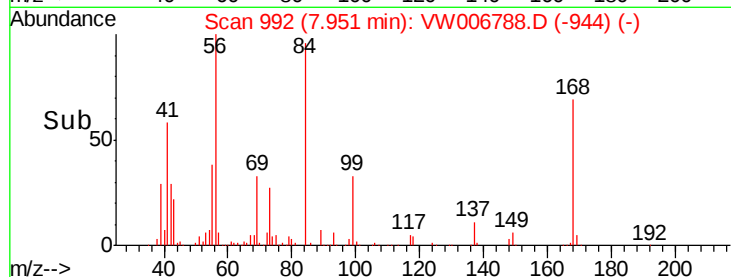
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50000

0

7.90 7.95 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 202.974 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006788.D

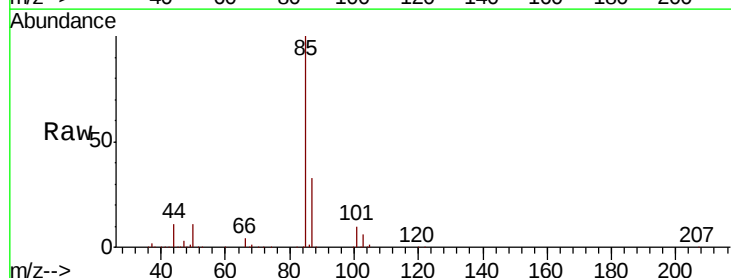
Acq: 09 Nov 2018 14:49

Tgt Ion: 85 Resp: 333226

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

250000

200000

150000

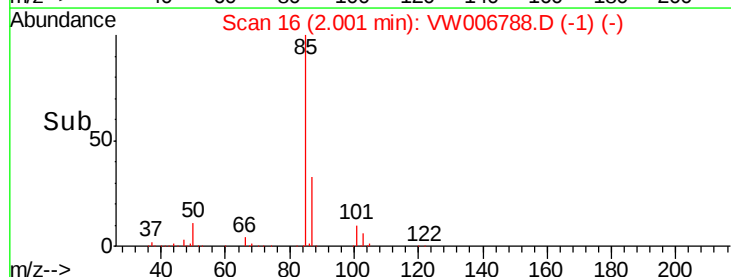
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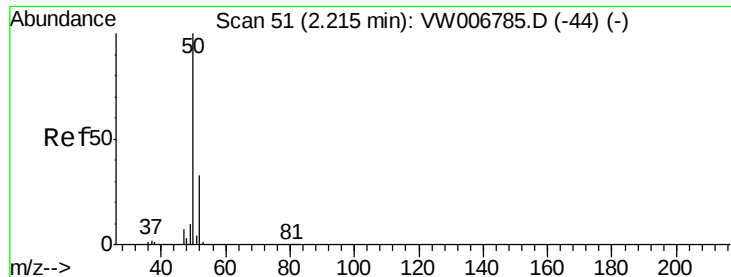
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 198.158 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 402514

Ion Ratio Lower Upper

50 100

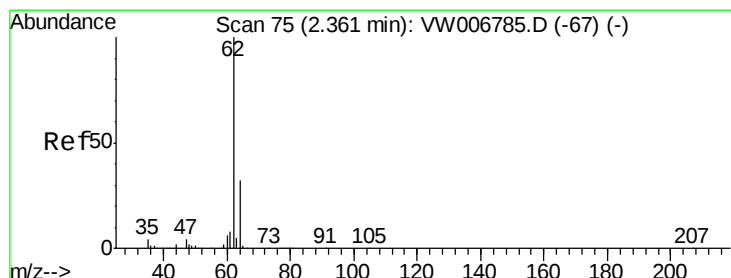
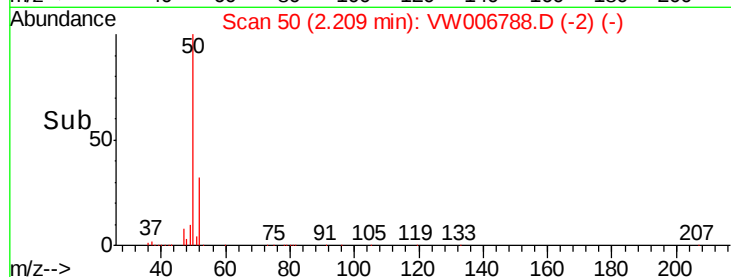
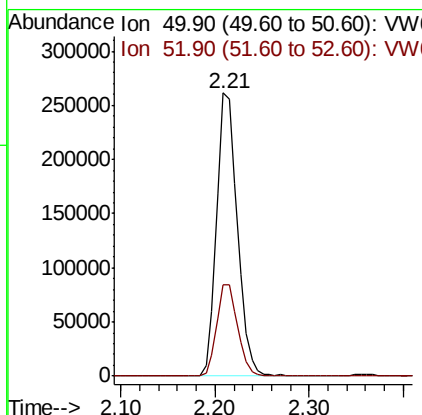
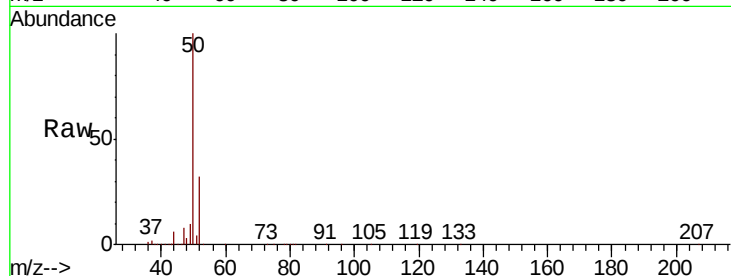
52 32.4 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 149.271 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006788.D

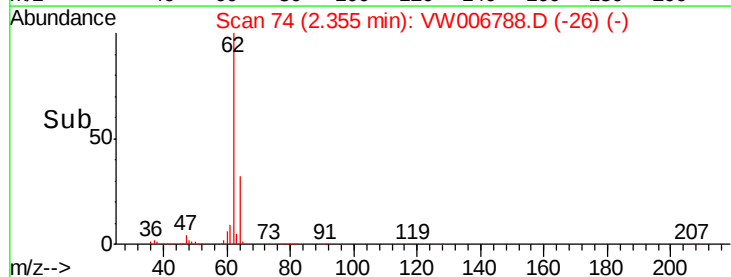
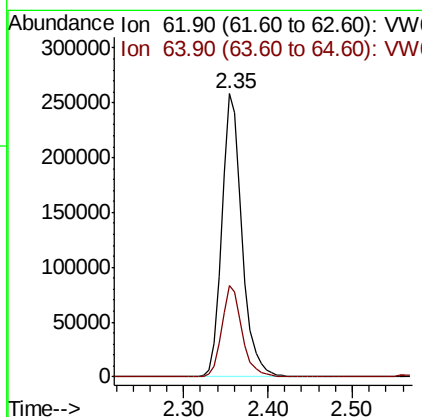
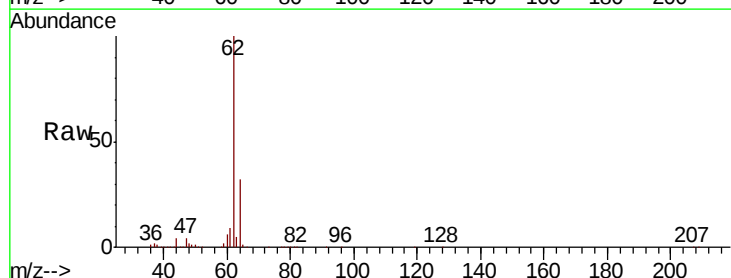
Acq: 09 Nov 2018 14:49

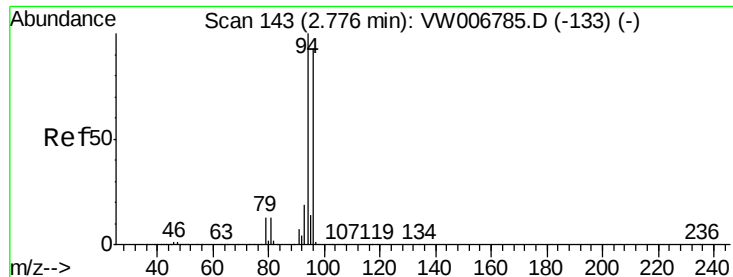
Tgt Ion: 62 Resp: 423373

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6





#5

Bromomethane

Concen: 104.202 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 248029

Ion Ratio Lower Upper

94 100

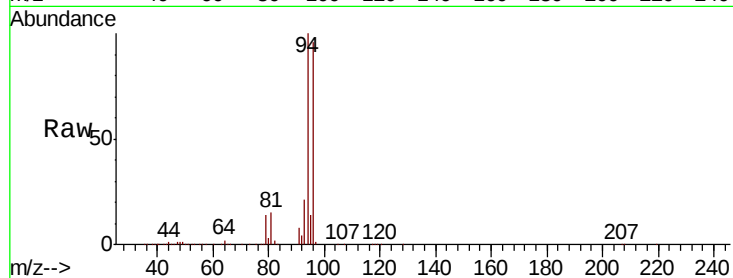
96 96.3 74.5 111.7

Manual Integrations

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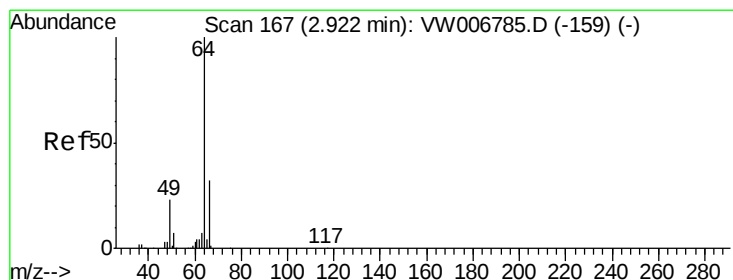
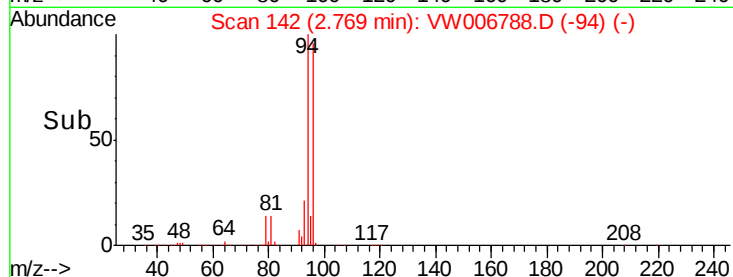
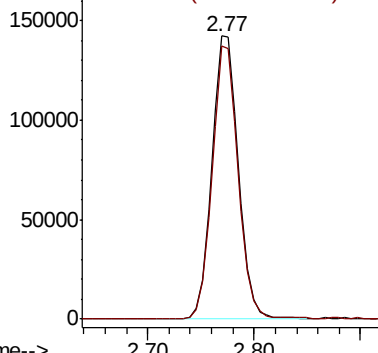
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 136.791 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006788.D

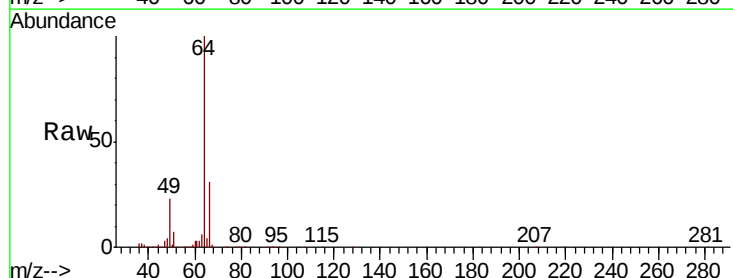
Acq: 09 Nov 2018 14:49

Tgt Ion: 64 Resp: 271082

Ion Ratio Lower Upper

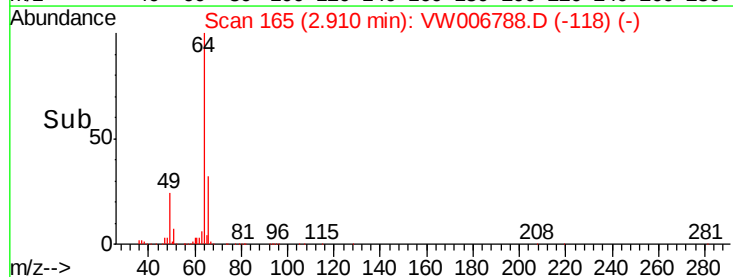
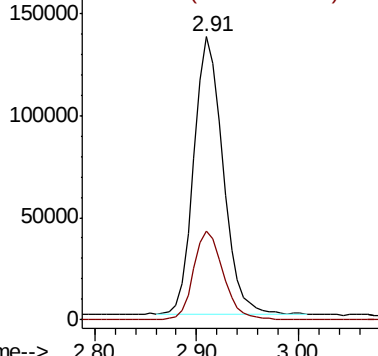
64 100

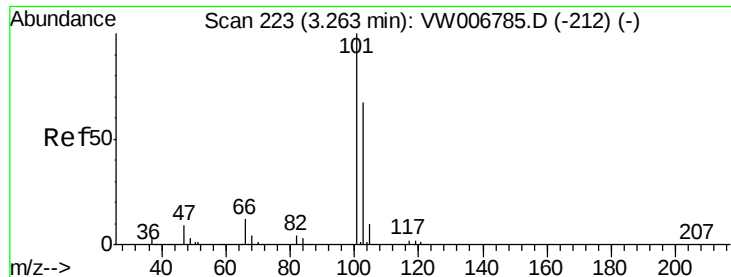
66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

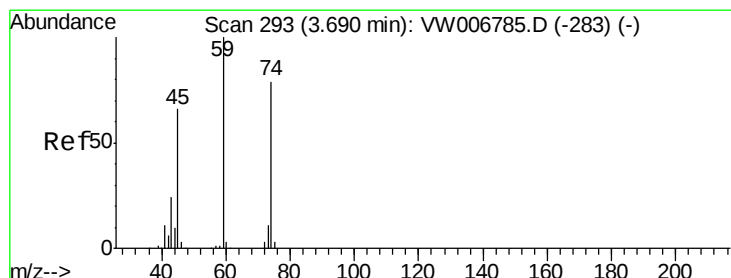
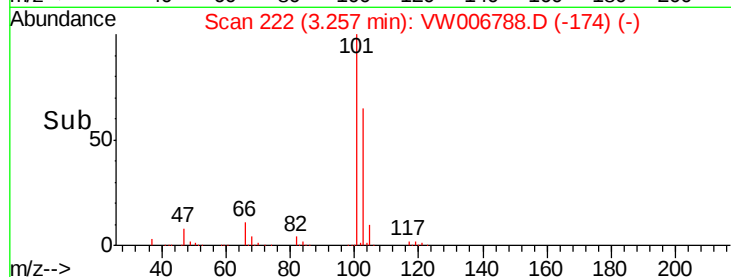
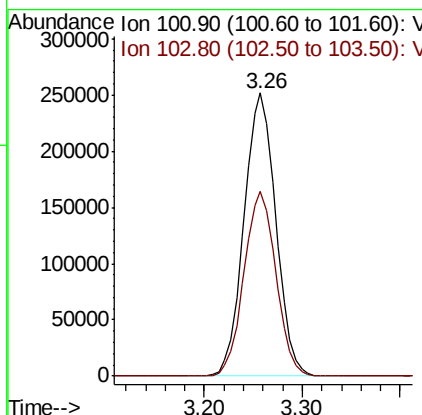
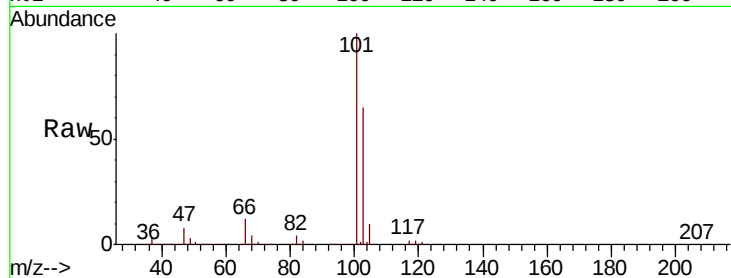
Trichlorofluoromethane
 Concen: 227.194 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	569035		
103	65.3	53.4	80.0	

Manual Integrations
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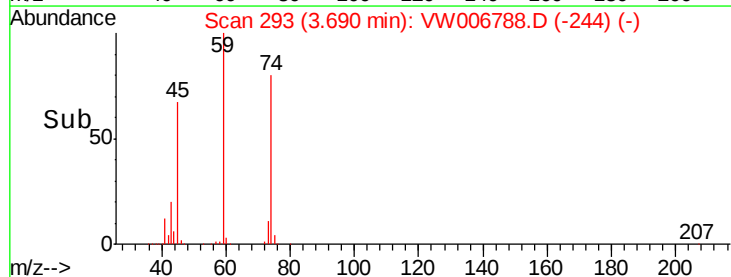
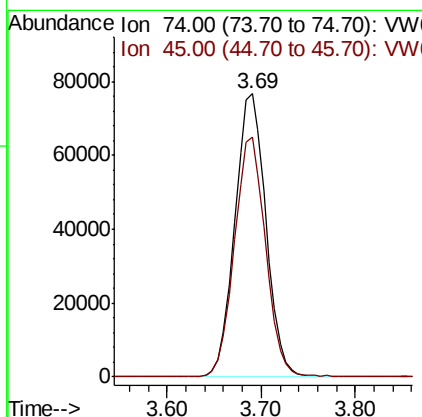
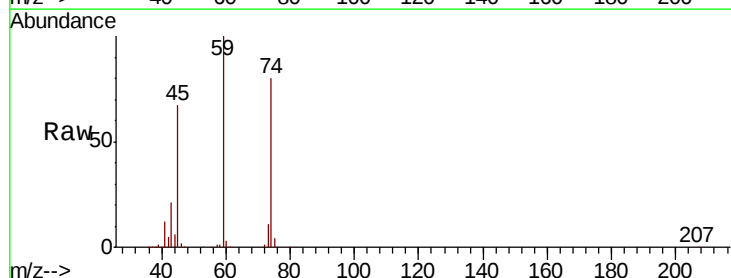
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 11/12/2018 3:41:00 PM

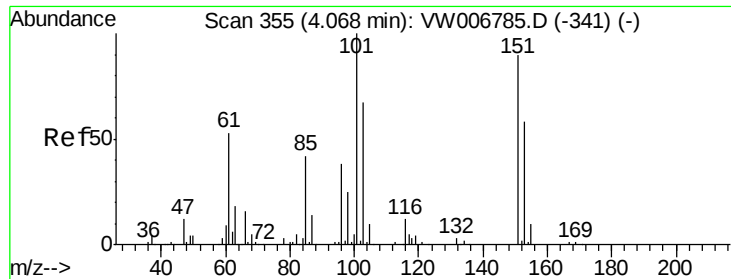


#8

Diethyl Ether
 Concen: 128.530 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	175972		
45	85.5	44.0	132.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.177 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

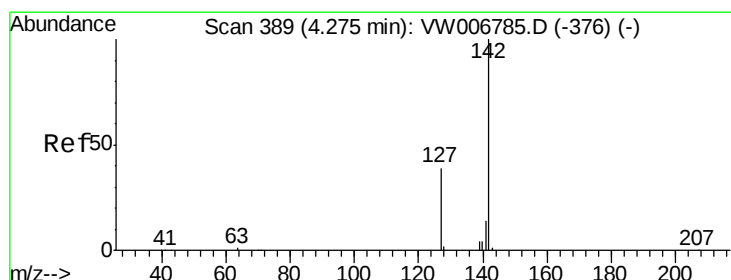
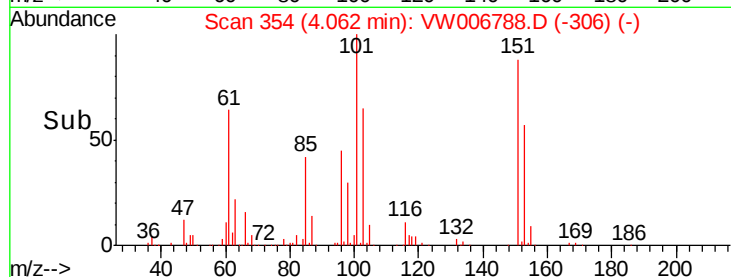
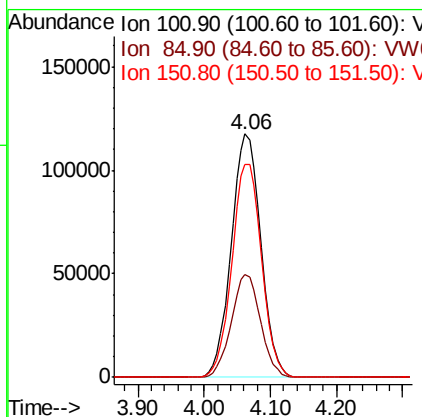
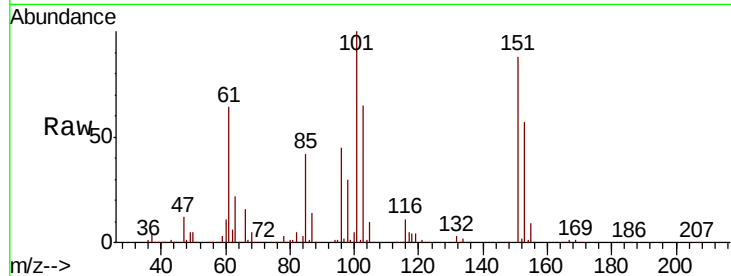
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	364207
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.0	51.0
151	88.2	70.7	106.1

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#10

Methyl Iodide

Concen: 113.786 ug/l

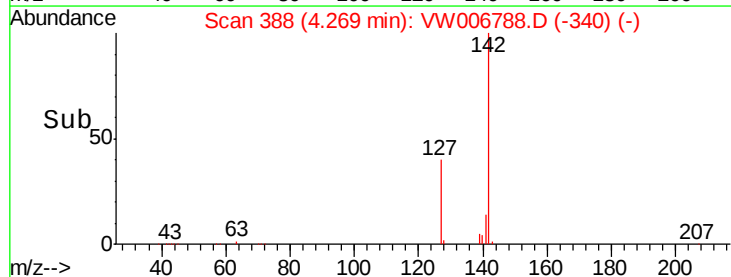
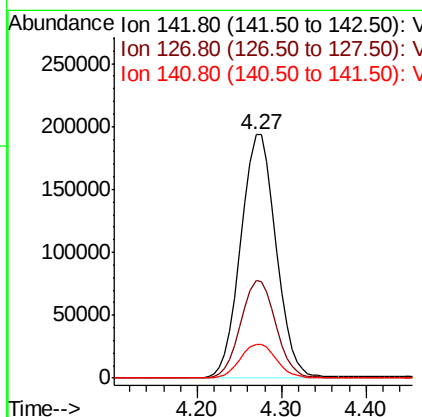
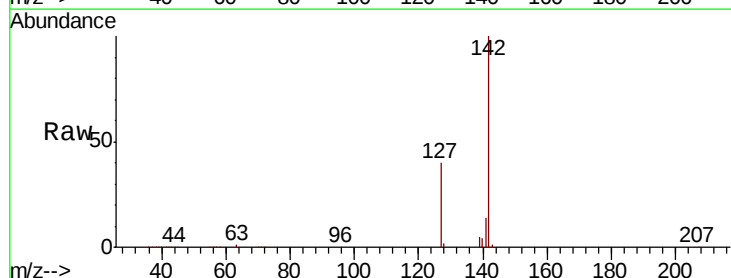
RT: 4.27 min Scan# 388

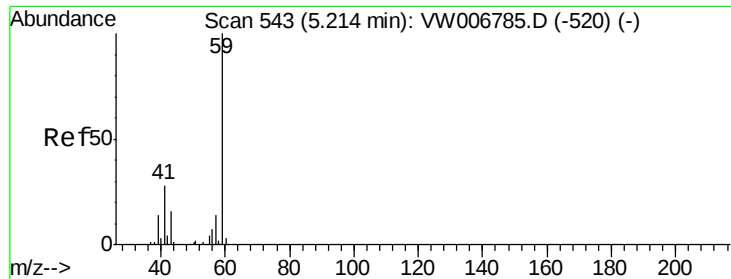
Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	142	Resp:	551793
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.3	48.5
141	14.3	11.4	17.0





#11

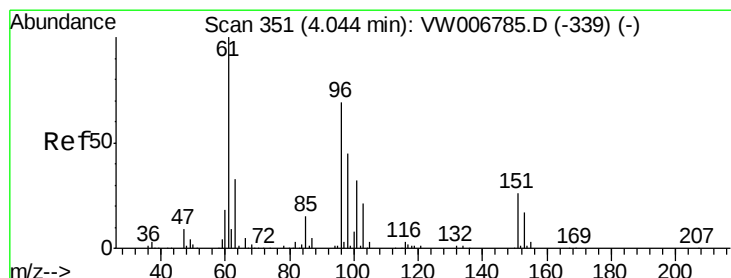
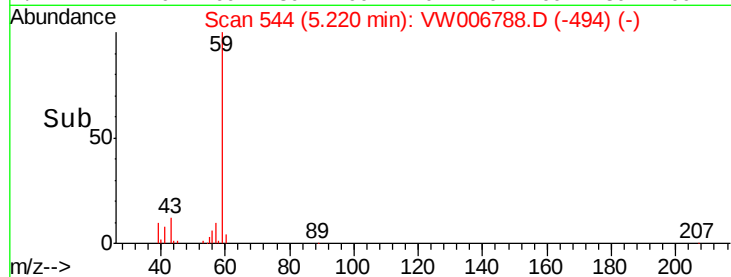
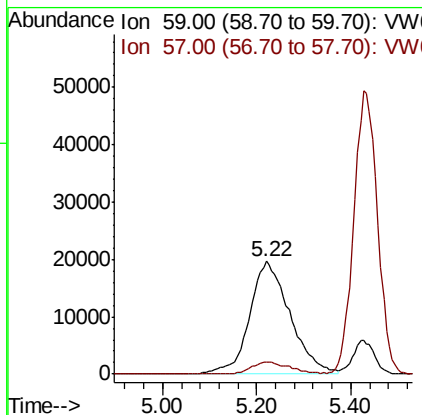
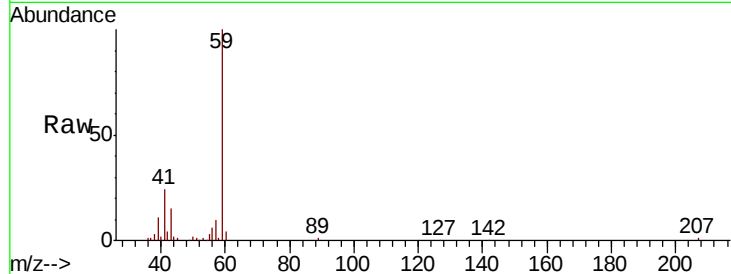
Tert butyl alcohol
Concen: 802.971 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion: 59 Resp: 117774
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

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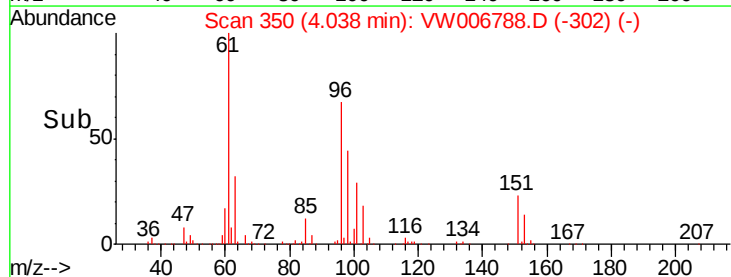
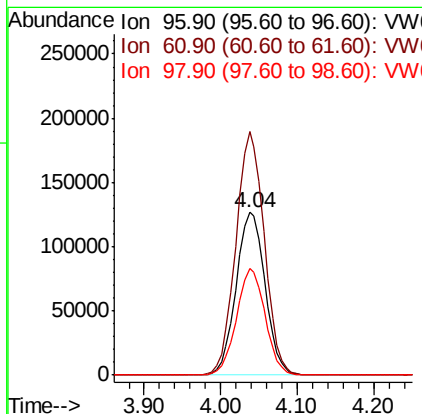
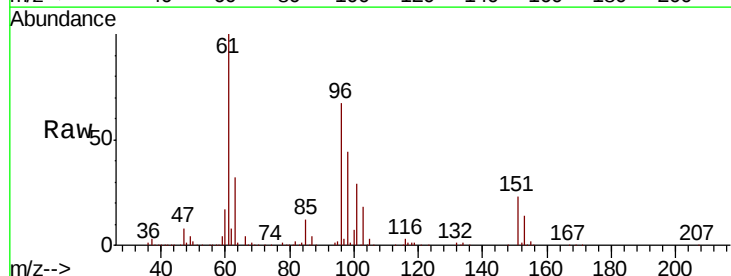
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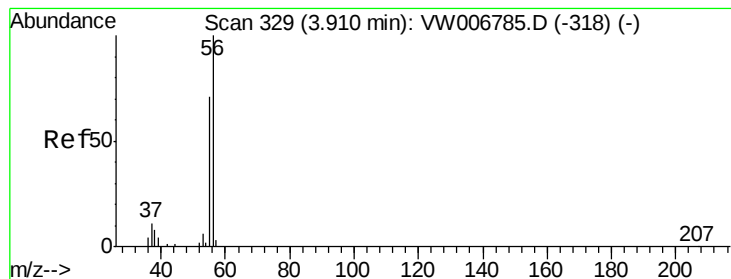


#12

1,1-Dichloroethene
Concen: 128.519 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 96 Resp: 331985
Ion Ratio Lower Upper
96 100
61 149.6 116.0 174.0
98 65.8 52.0 78.0





#13

Acrolein

Concen: 679.005 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 125259

Ion Ratio Lower Upper

56 100

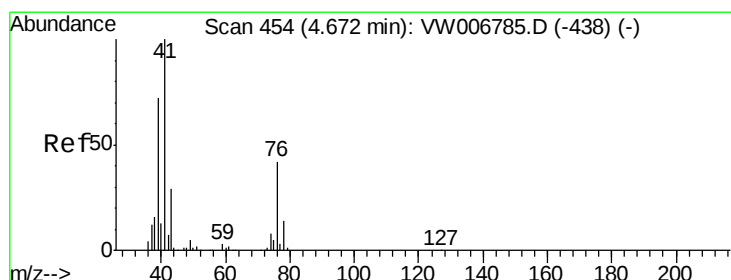
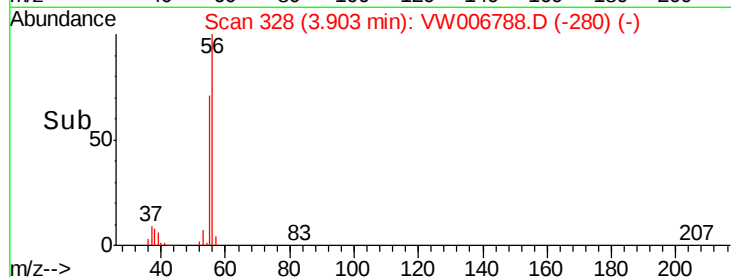
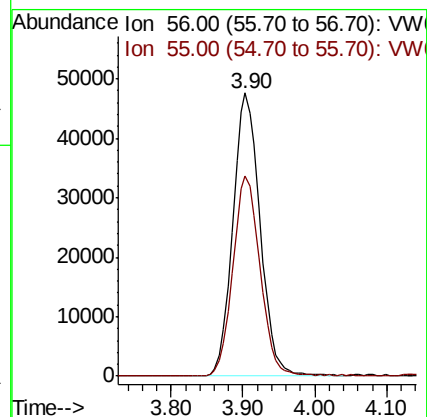
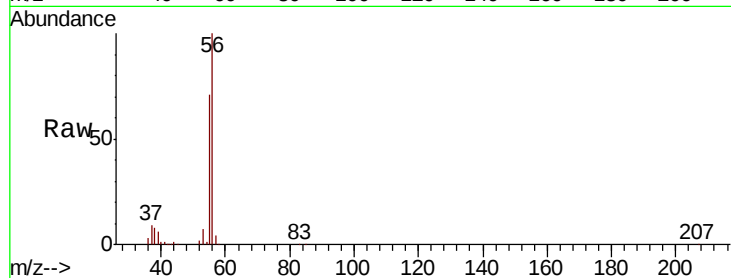
55 70.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 135.312 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

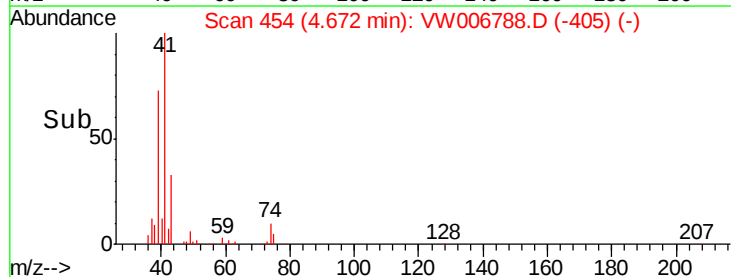
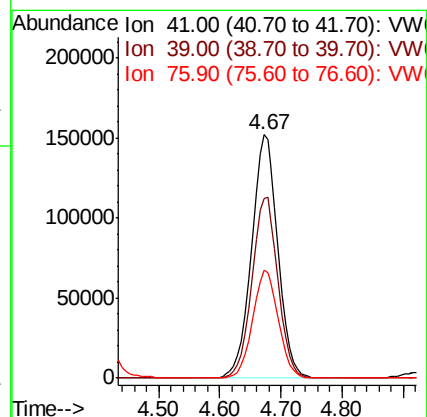
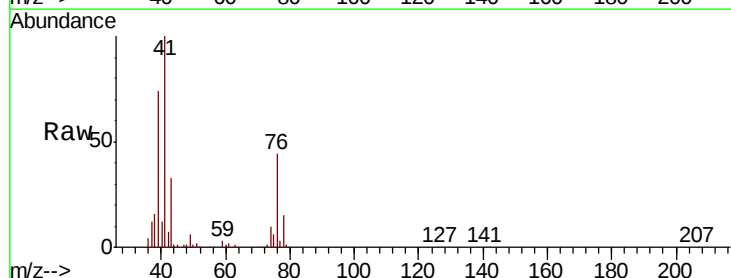
Tgt Ion: 41 Resp: 456252

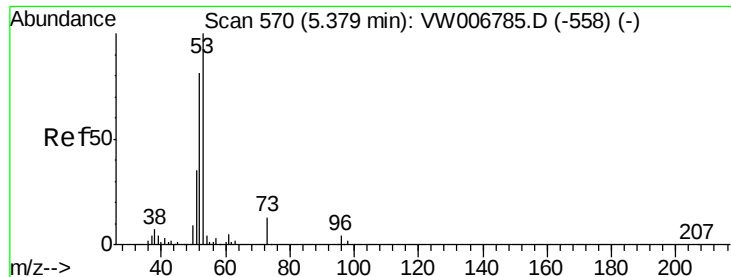
Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

76 43.1 34.2 51.4





#15

Acrylonitrile

Concen: 740.077 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

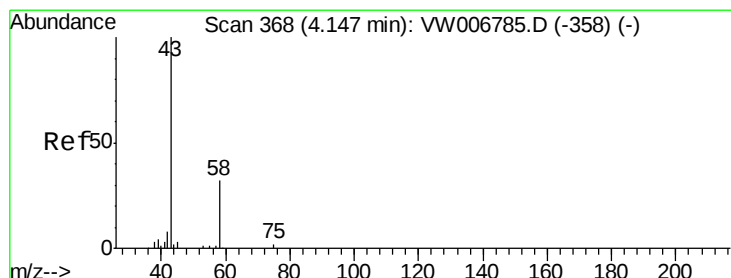
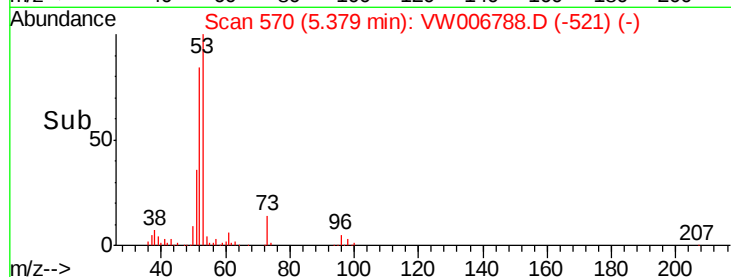
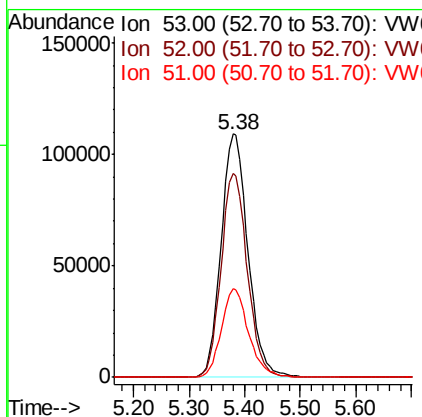
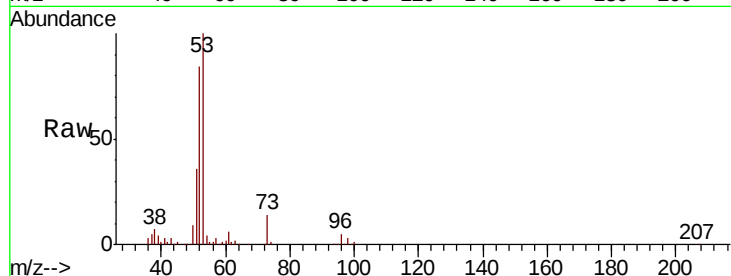
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	363311
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.2	97.8
51	37.0	30.2	45.4

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#16

Acetone

Concen: 551.501 ug/l

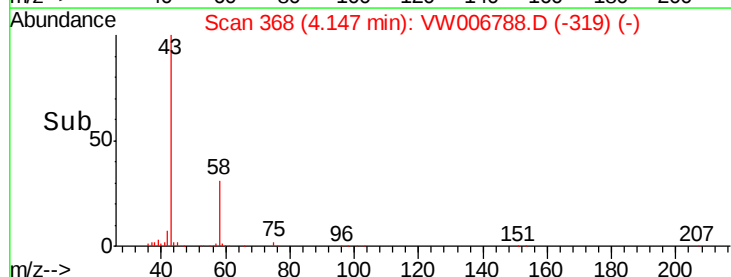
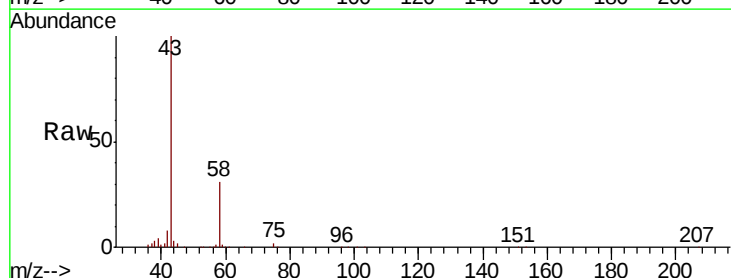
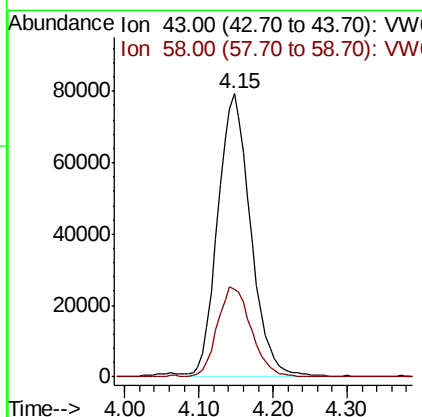
RT: 4.15 min Scan# 368

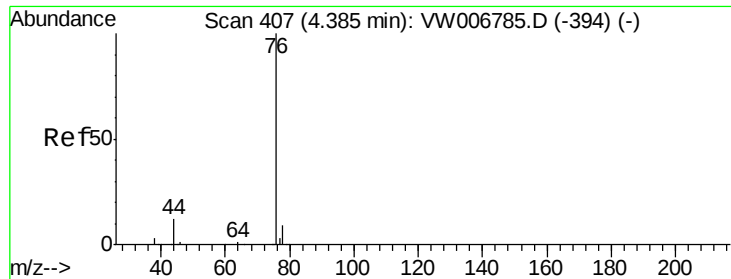
Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	43	Resp:	242388
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.4	38.0





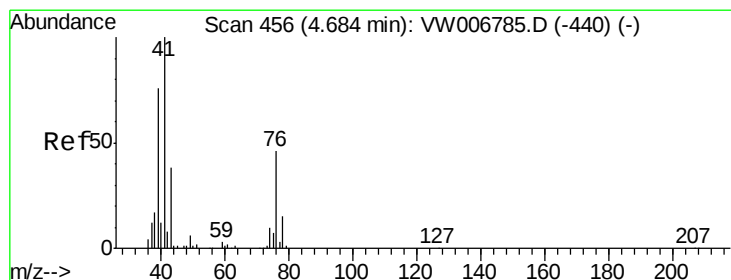
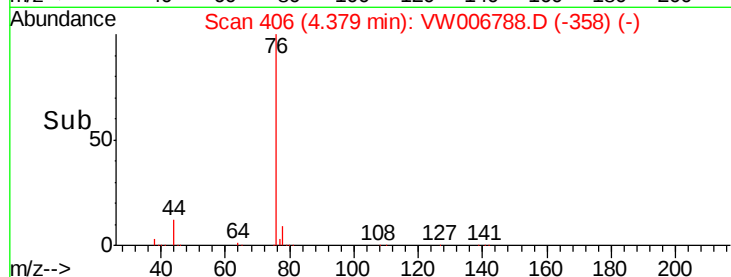
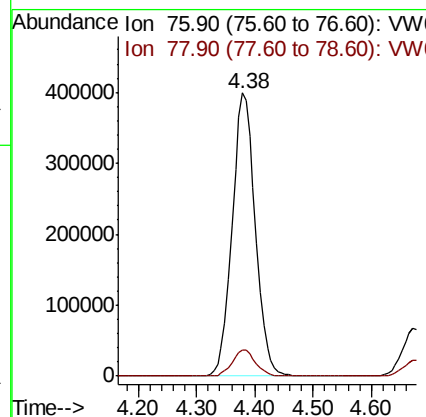
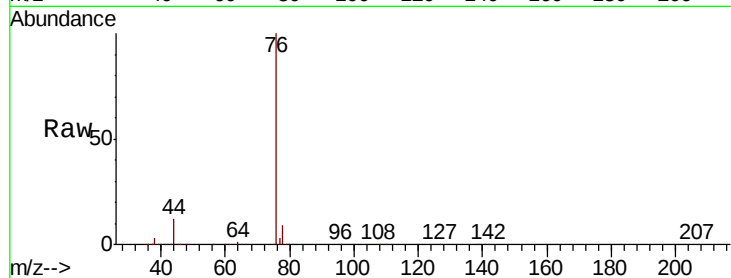
#17
Carbon Disulfide
Concen: 149.655 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1100101
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

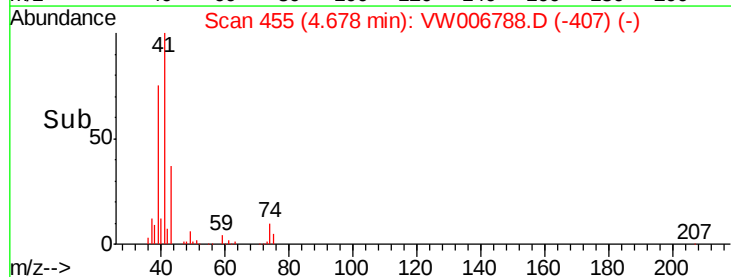
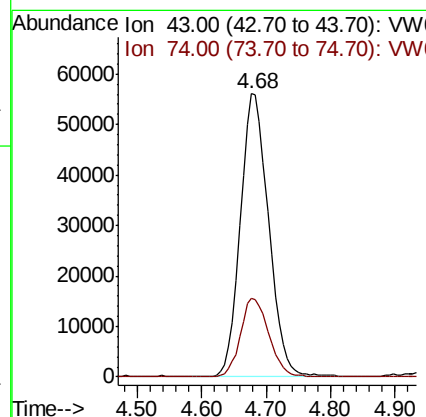
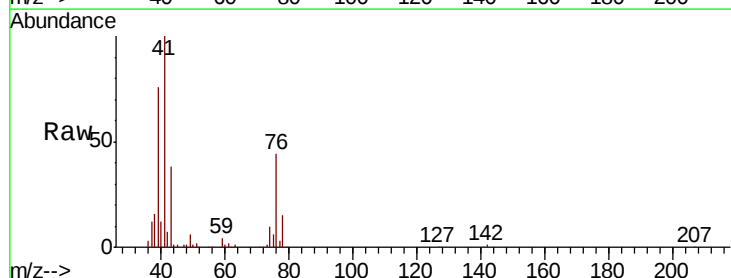
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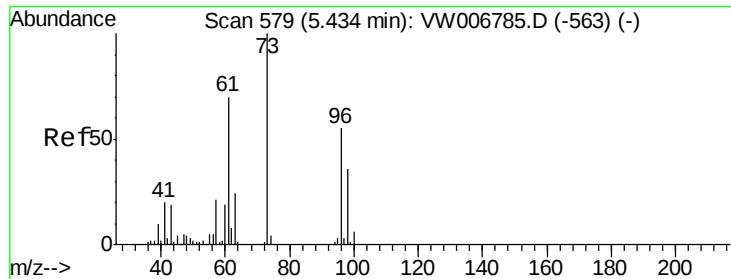
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#18
Methyl Acetate
Concen: 134.402 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 43 Resp: 169859
Ion Ratio Lower Upper
43 100
74 28.1 21.8 32.8





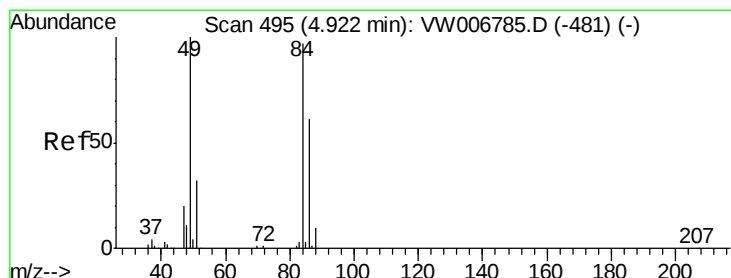
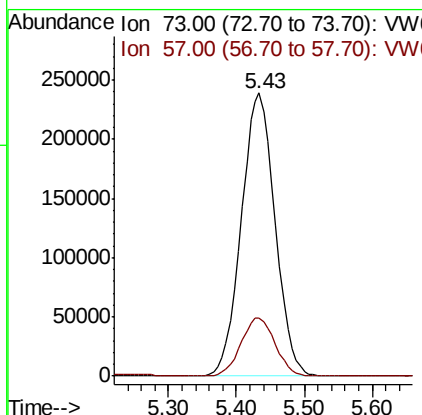
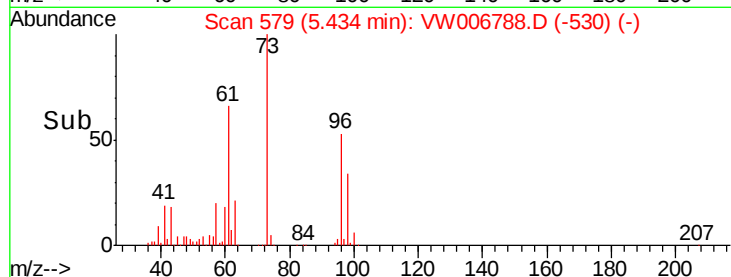
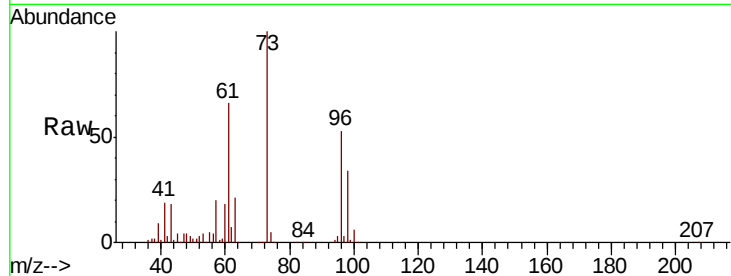
#19
Methyl tert-butyl Ether
Concen: 213.878 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 822375
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6

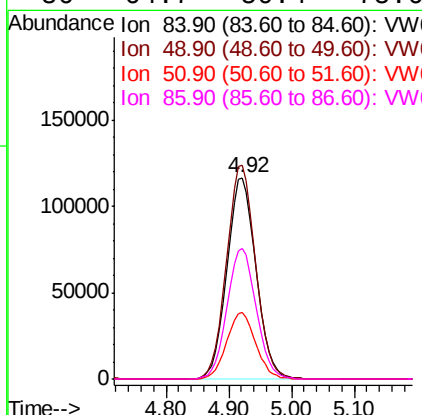
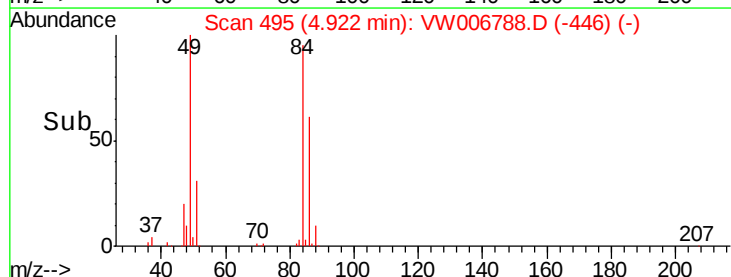
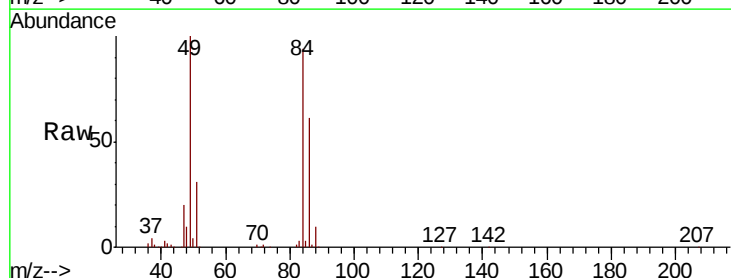
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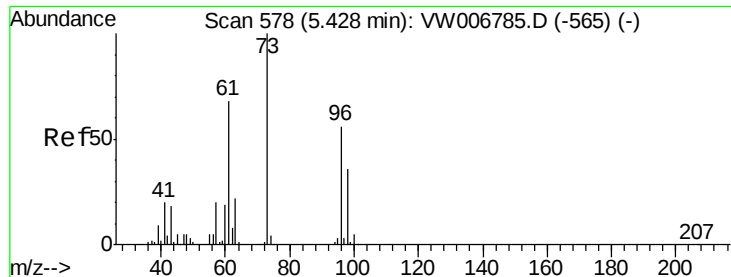
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#20
Methylene Chloride
Concen: 109.173 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 84 Resp: 373598
Ion Ratio Lower Upper
84 100
49 106.0 82.4 123.6
51 32.8 26.7 40.1
86 64.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 133.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

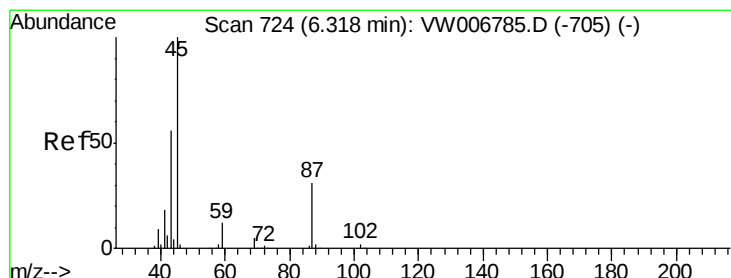
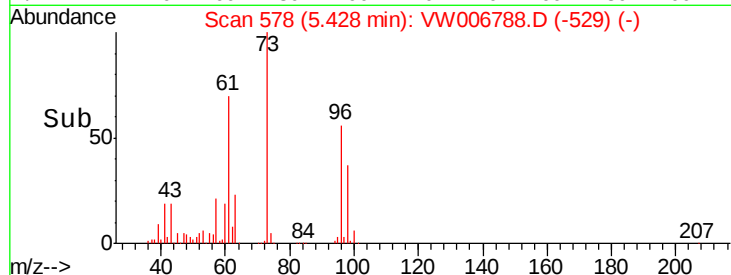
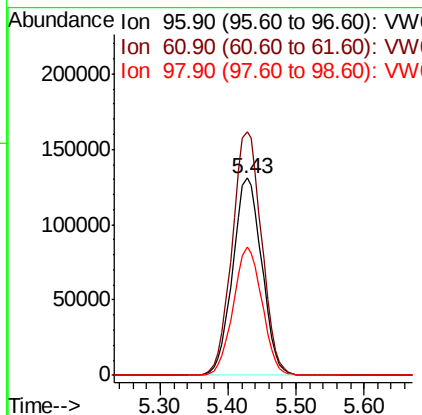
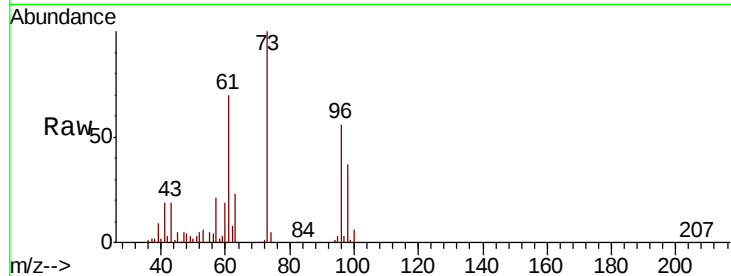
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	389572
Ion	Ratio	Lower	Upper
96	100		
61	123.3	97.6	146.4
98	64.9	51.6	77.4

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#22

Diisopropyl ether

Concen: 136.344 ug/l

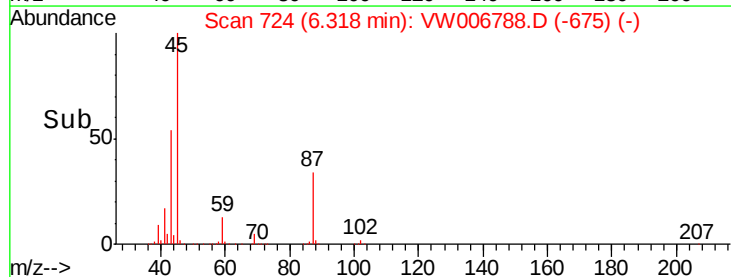
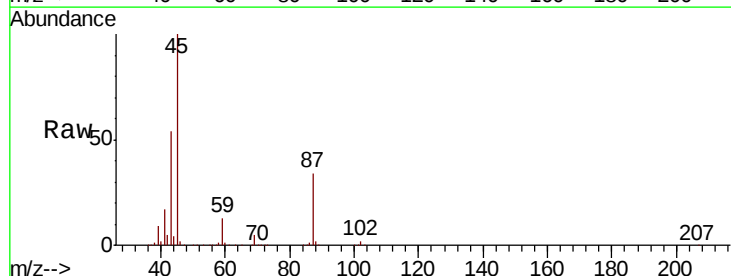
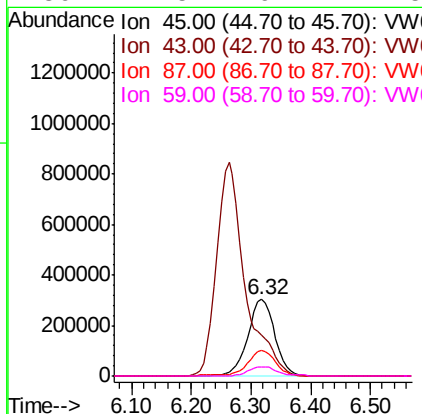
RT: 6.32 min Scan# 724

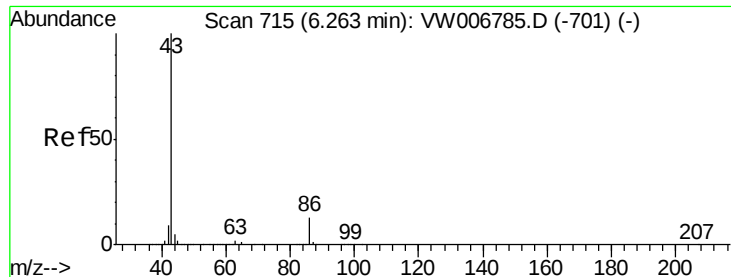
Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	45	Resp:	958433
Ion	Ratio	Lower	Upper
45	100		
43	53.7	44.6	66.8
87	34.1	25.5	38.3
59	12.5	9.7	14.5





#23

Vinyl Acetate

Concen: 719.736 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2805681

Ion Ratio Lower Upper

43 100

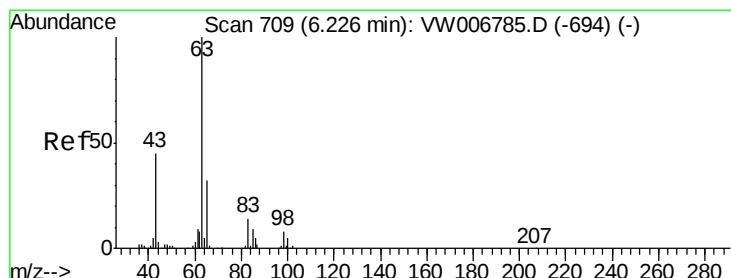
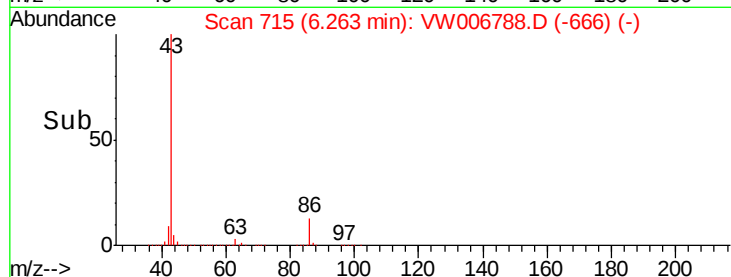
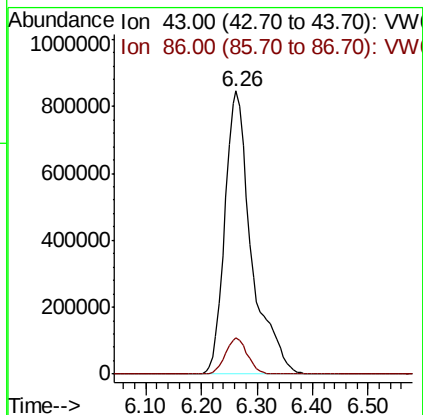
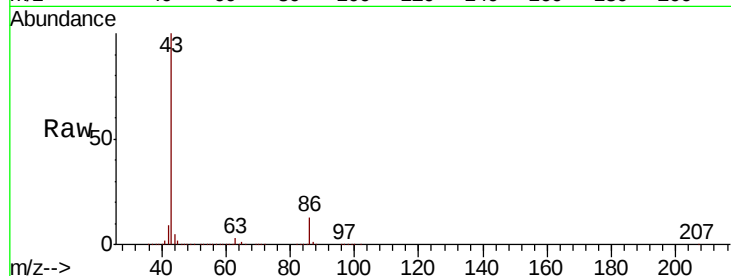
86 12.6 10.0 15.0

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#24

1,1-Dichloroethane

Concen: 128.298 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

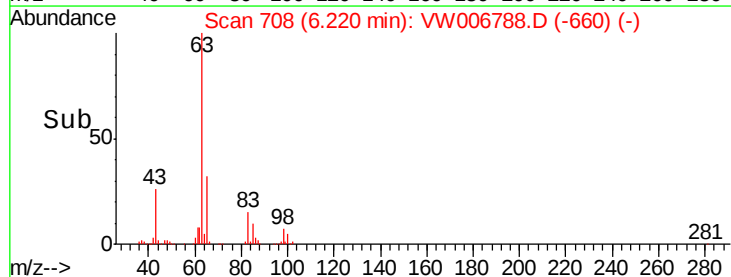
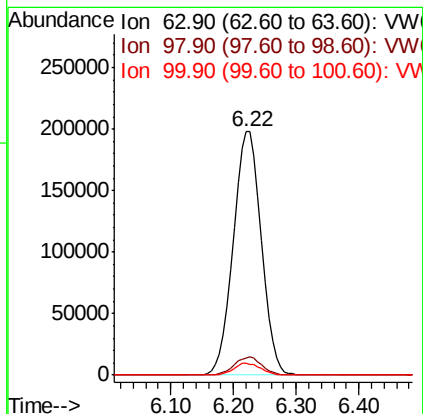
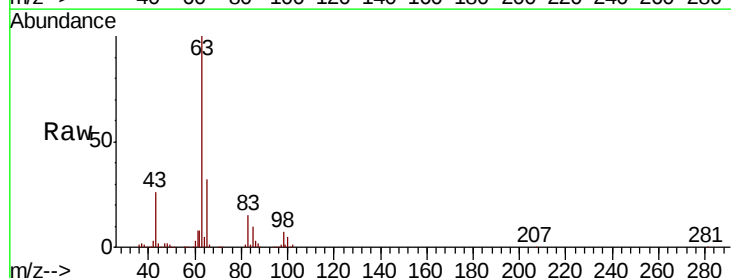
Tgt Ion: 63 Resp: 611234

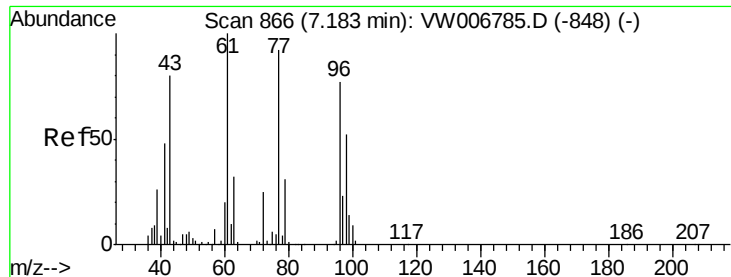
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 650.466 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 407944

Ion Ratio Lower Upper

43 100

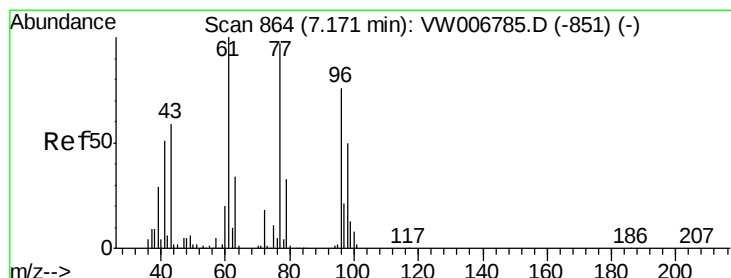
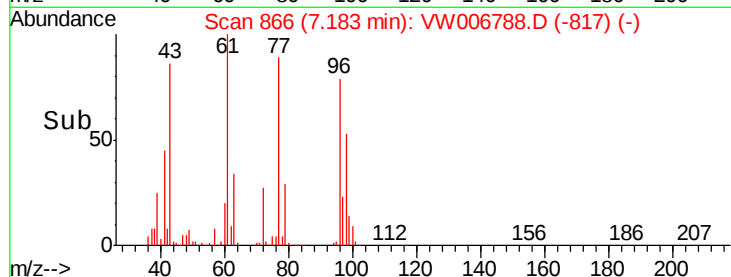
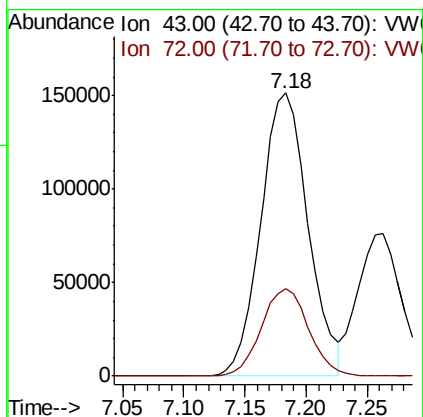
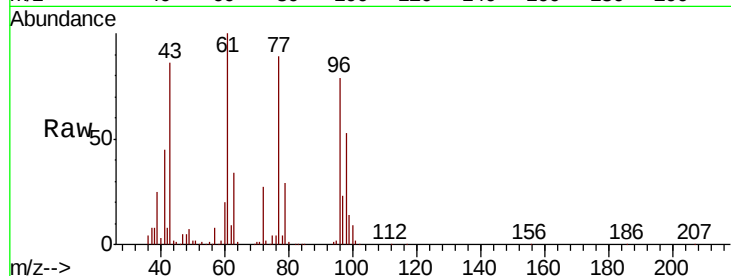
72 30.9 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 185.049 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006788.D

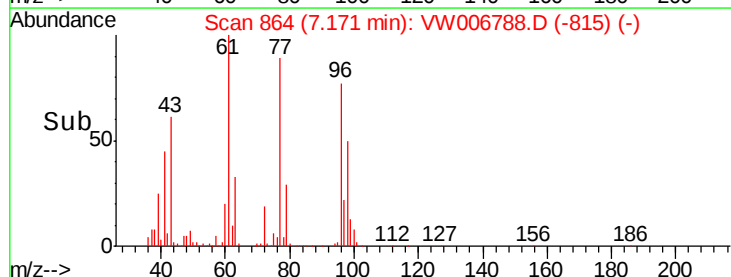
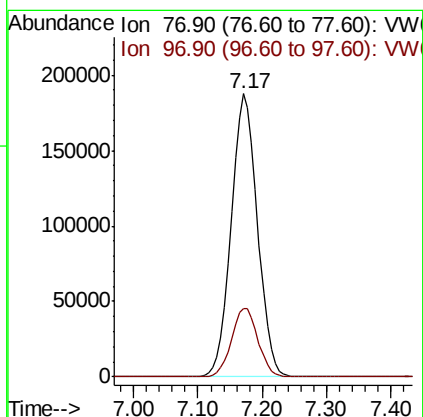
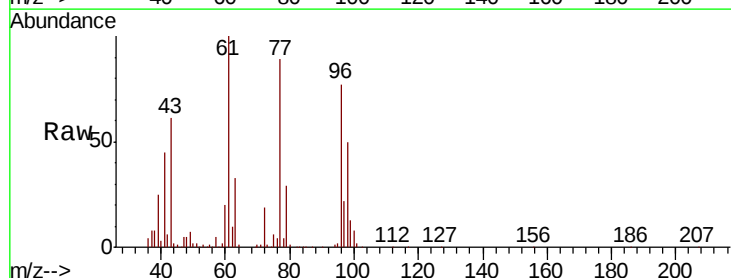
Acq: 09 Nov 2018 14:49

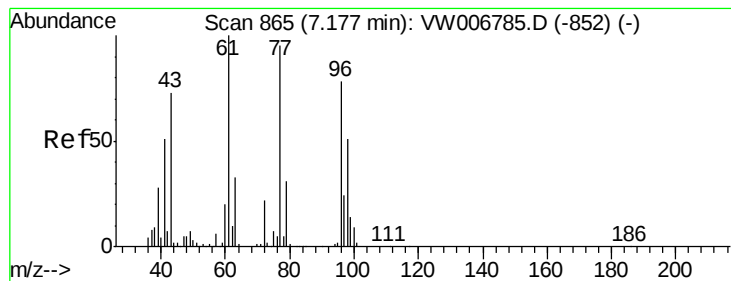
Tgt Ion: 77 Resp: 531063

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.5





#27

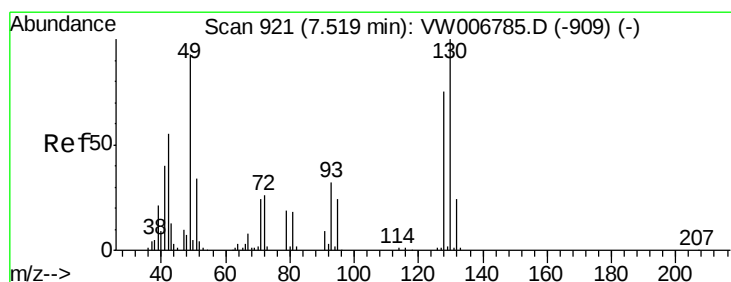
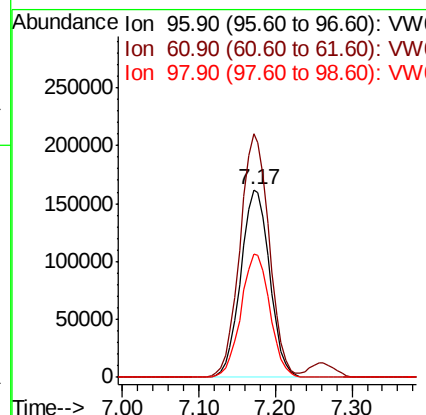
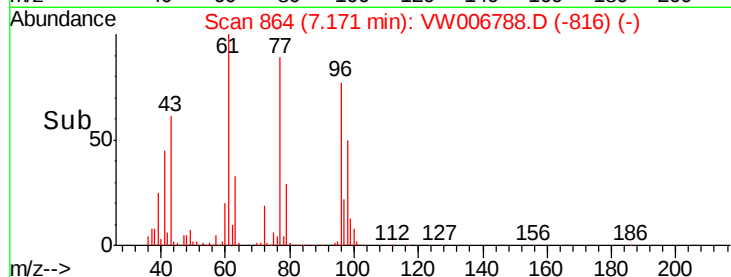
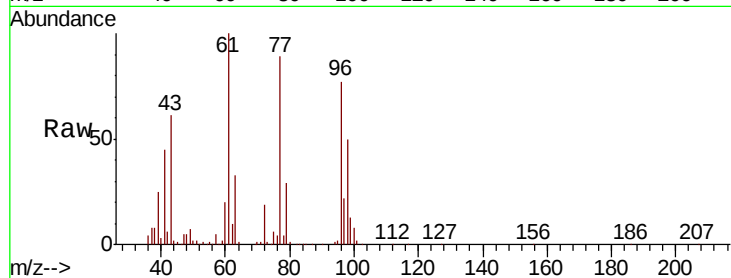
cis-1,2-Dichloroethene
 Concen: 129.759 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	264.4
98	65.6	0.0	130.0

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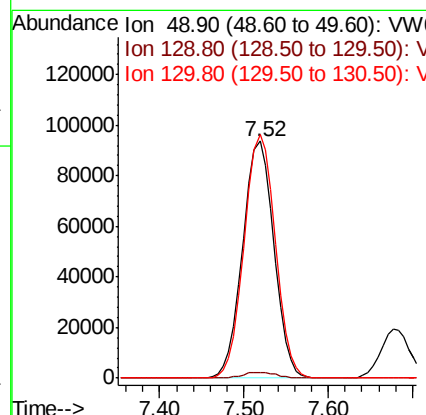
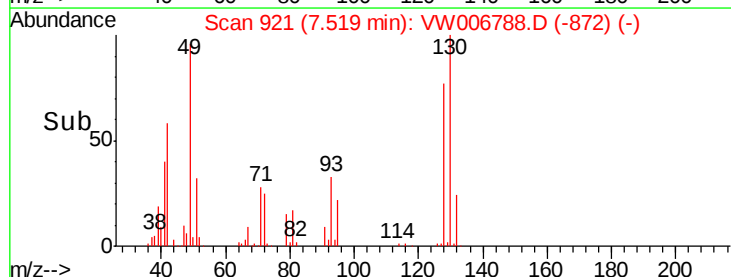
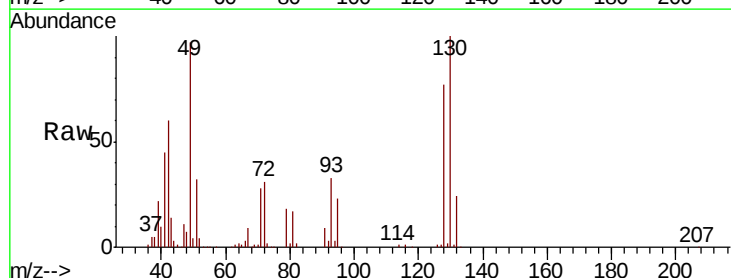
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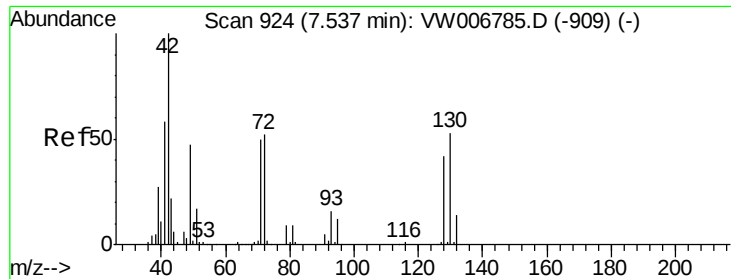


#28

Bromochloromethane
 Concen: 124.302 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	102.3	81.5	122.3





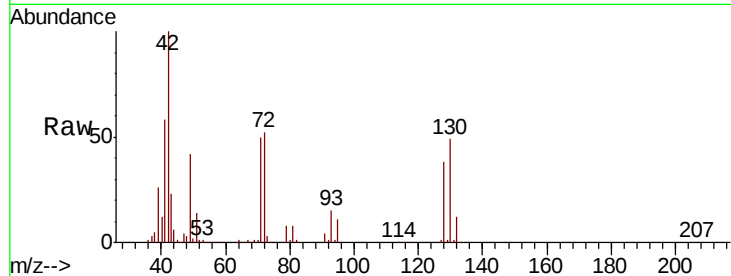
#29
Tetrahydrofuran
Concen: 713.460 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

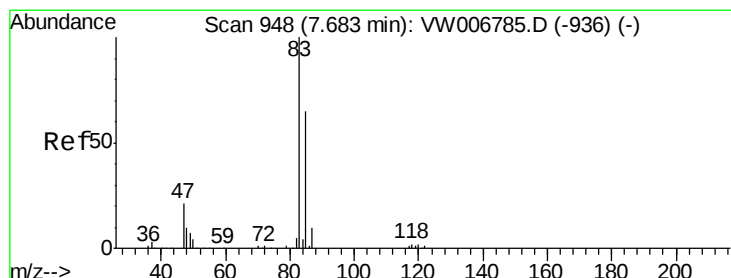
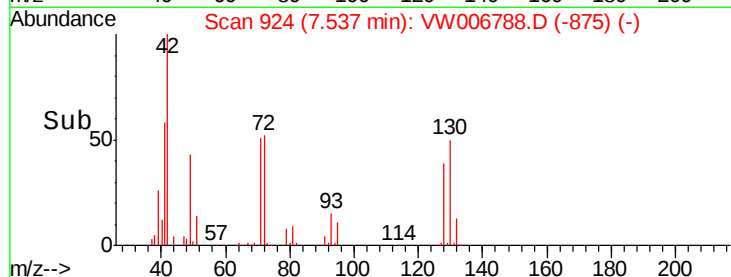
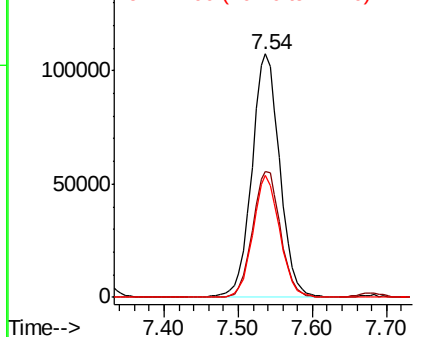
Tot Ion:	42	Resp:	281437
Ion Ratio	Lower	Upper	
42	100		
72	51.4	39.8	59.8
71	47.9	37.8	56.6

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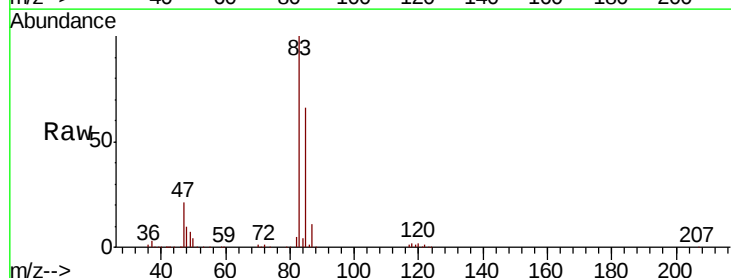


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

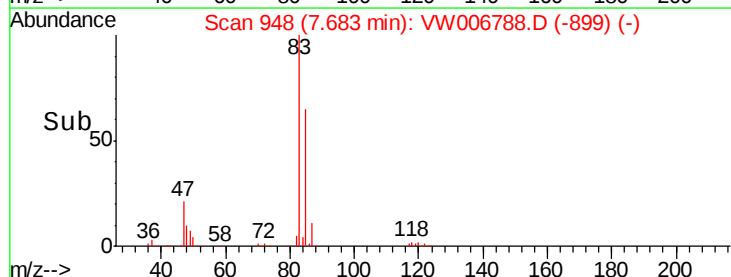
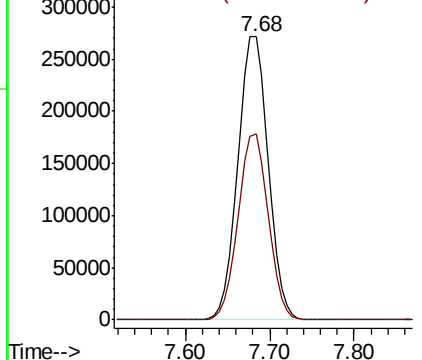


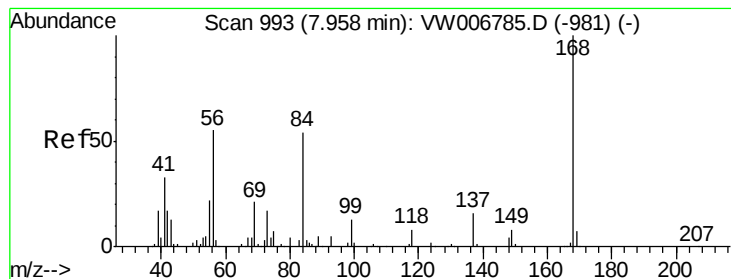
#30
Chloroform
Concen: 126.586 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:	83	Resp:	661200
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 126.281 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

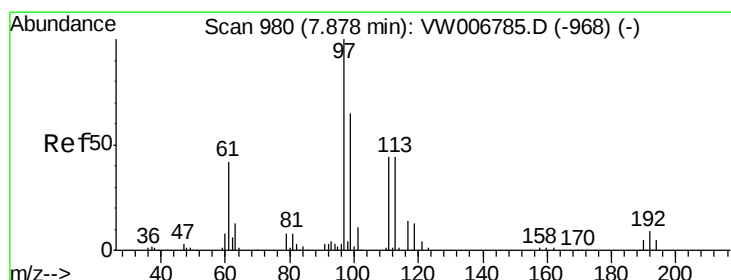
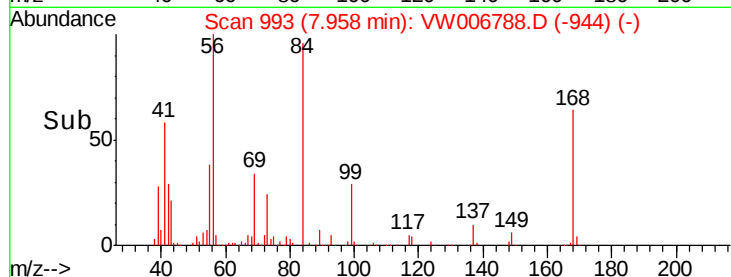
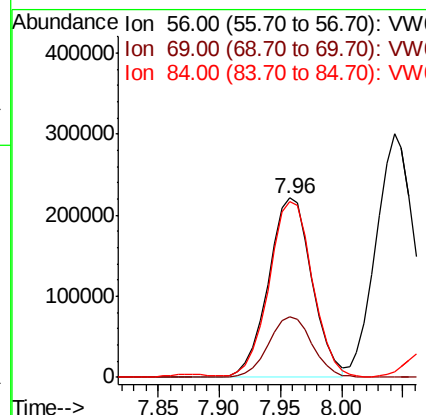
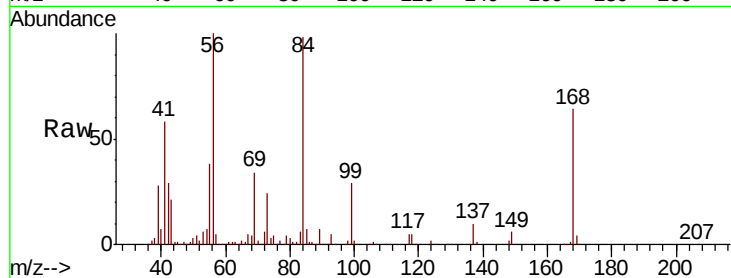
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	547567
Ion Ratio	Lower	Upper	
56	100		
69	33.9	30.3	45.5
84	96.7	78.2	117.2

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#32

1,1,1-Trichloroethane

Concen: 134.725 ug/l

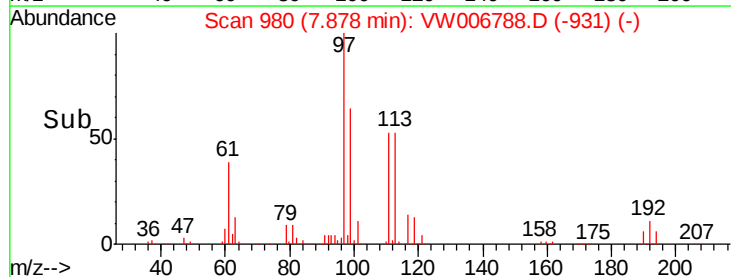
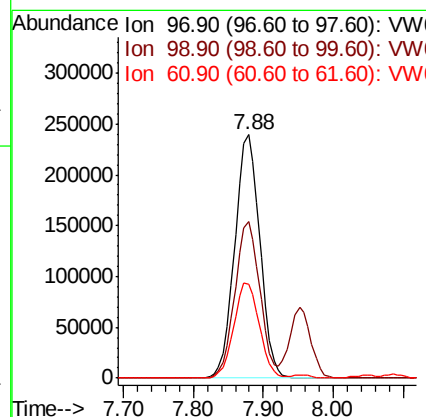
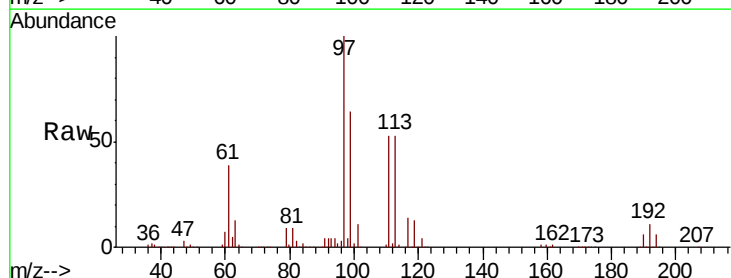
RT: 7.88 min Scan# 980

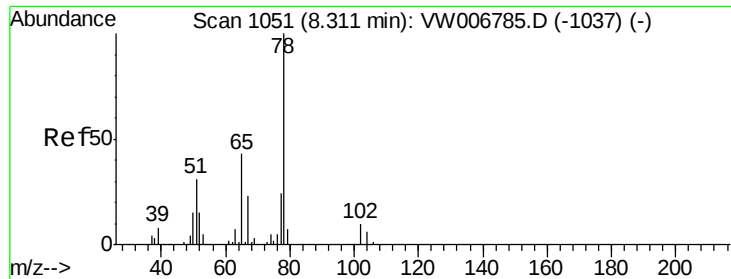
Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	97	Resp:	595468
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.4	77.2
61	39.8	32.7	49.1





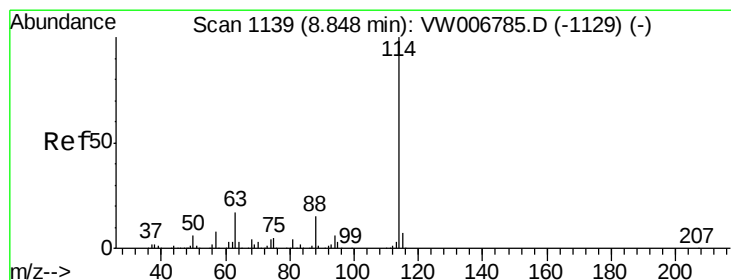
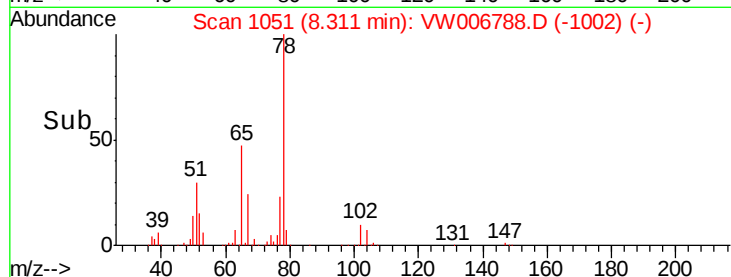
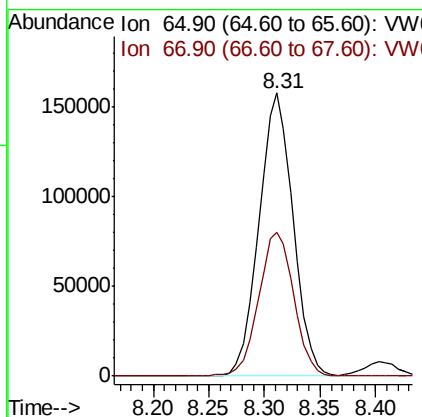
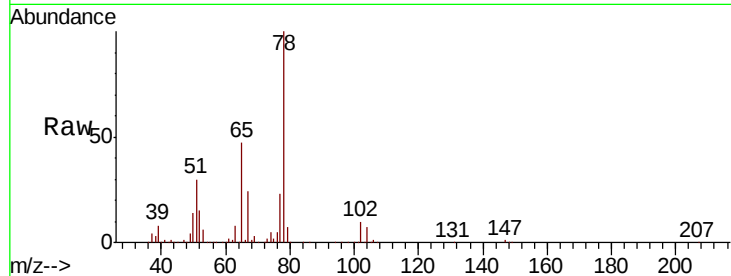
#33
 1,2-Dichloroethane-d4
 Concen: 123.435 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	107.2	

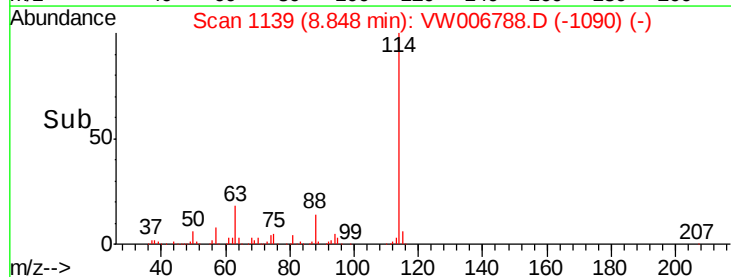
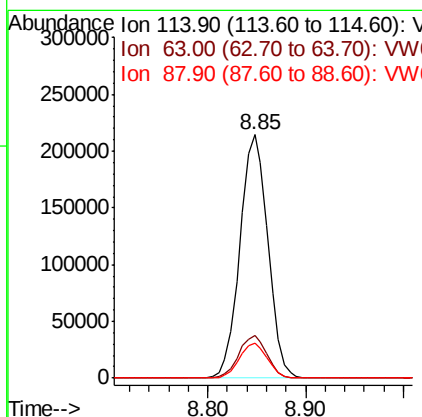
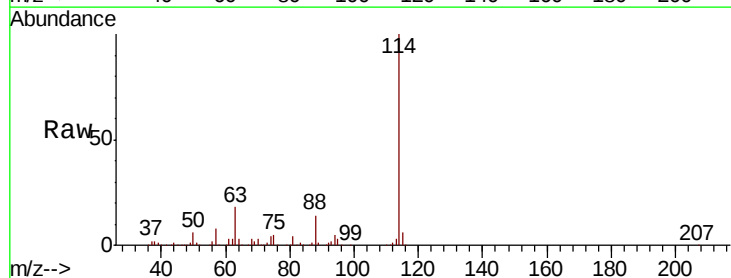
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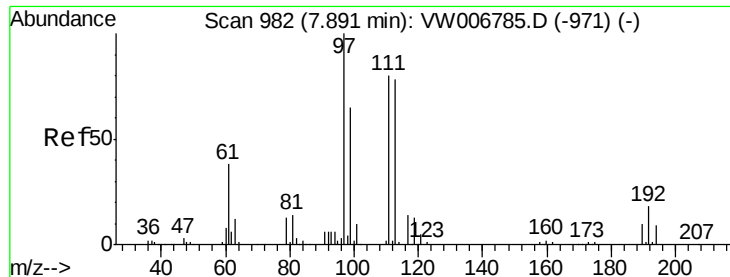
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	34.0	
88	14.5	0.0	29.2	





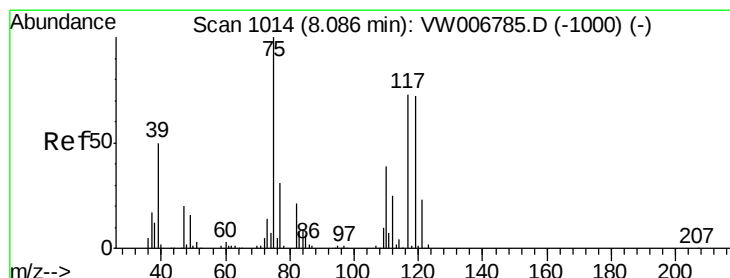
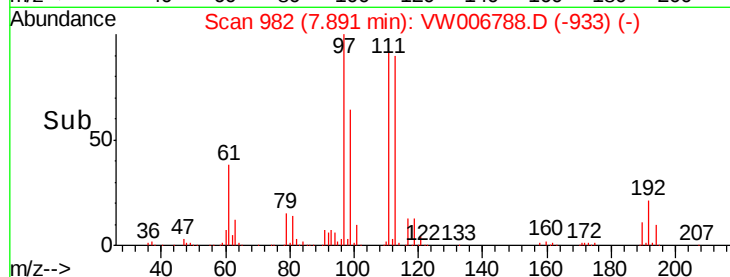
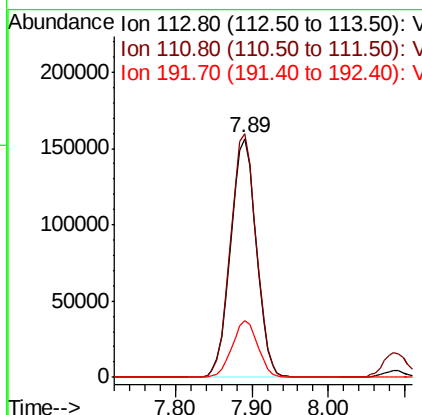
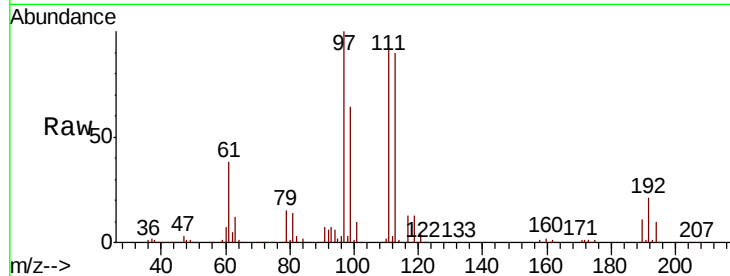
#35
 Dibromofluoromethane
 Concen: 136.682 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	364170		
111	102.2	81.4	122.2	
192	23.6	19.1	28.7	

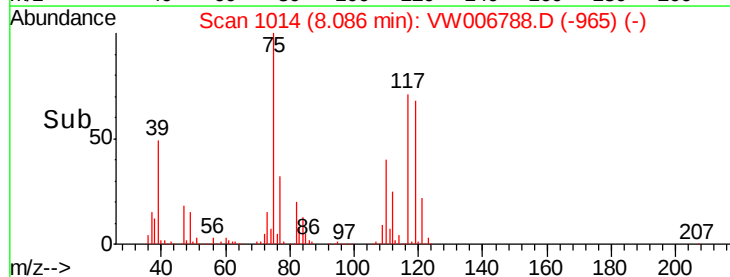
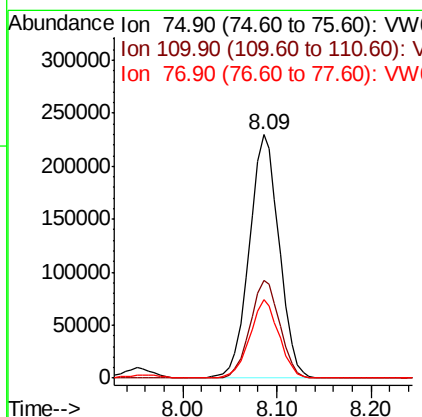
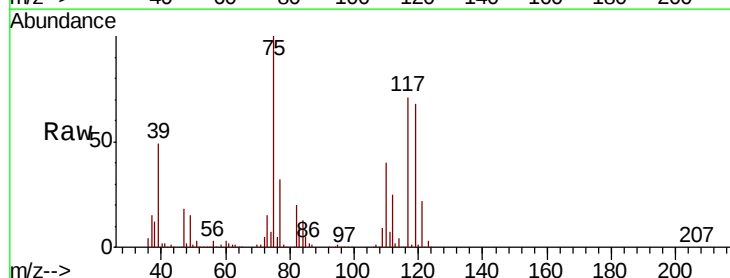
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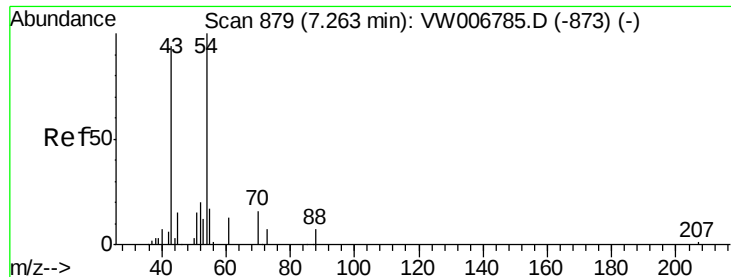
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#36
 1,1-Dichloropropene
 Concen: 136.878 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	511031		
110	39.8	19.6	58.7	
77	31.6	24.9	37.3	





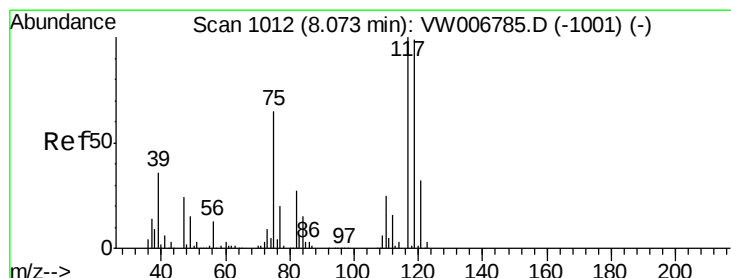
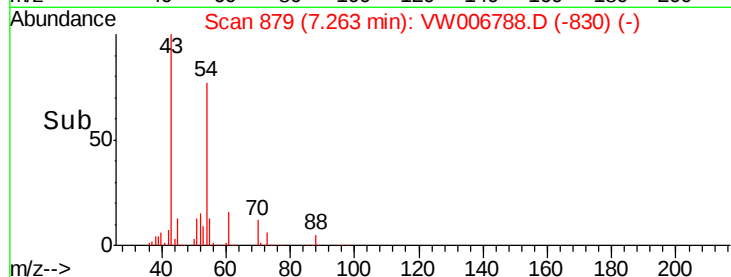
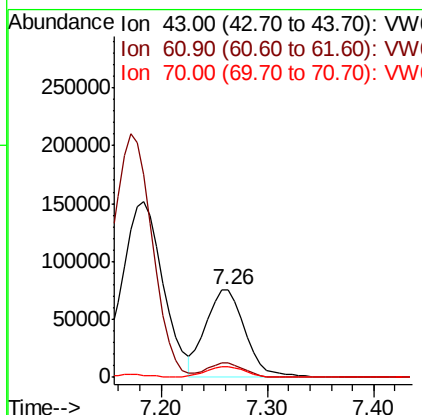
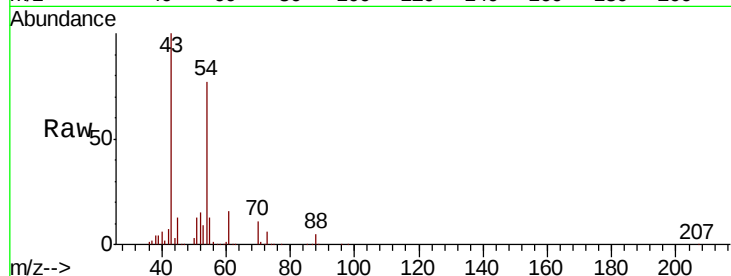
#37
Ethyl Acetate
Concen: 149.546 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	11.8	9.8	14.8

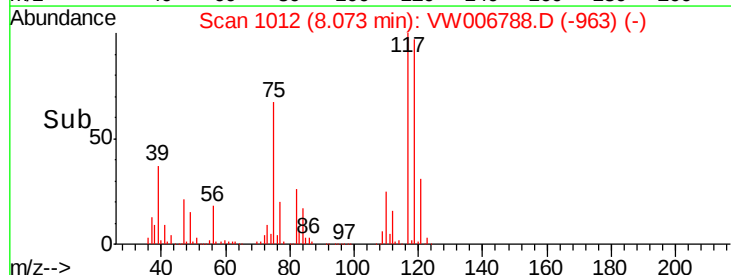
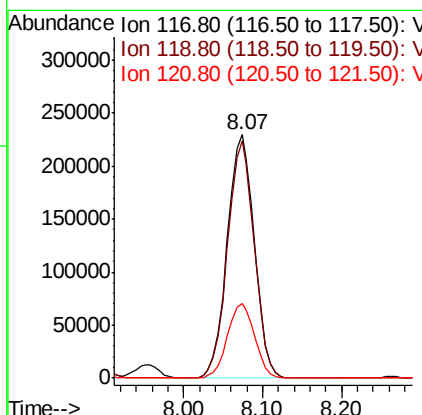
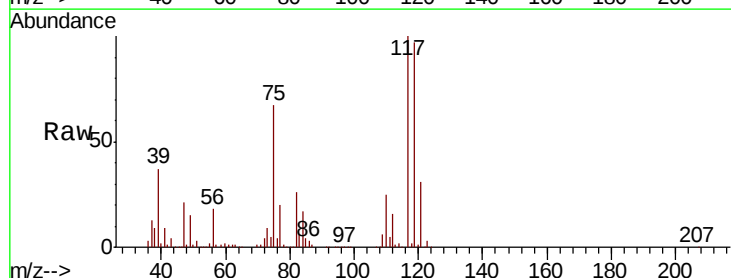
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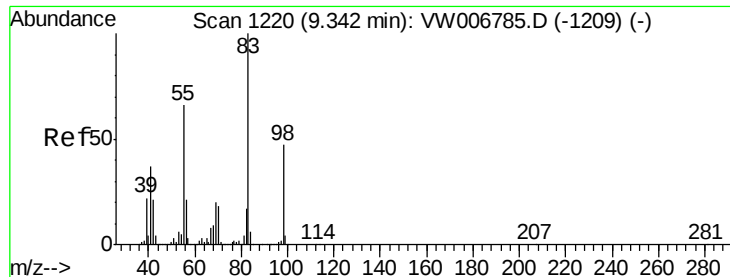
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#38
Carbon Tetrachloride
Concen: 140.562 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.9	118.3
121	30.7	25.3	37.9





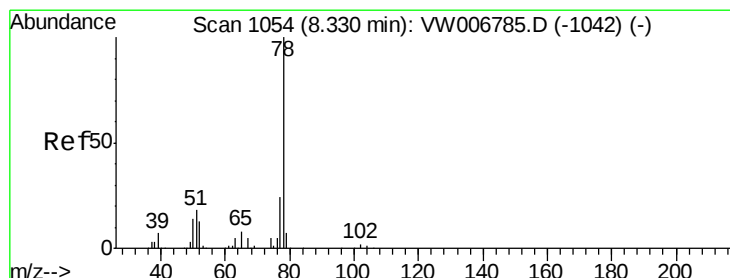
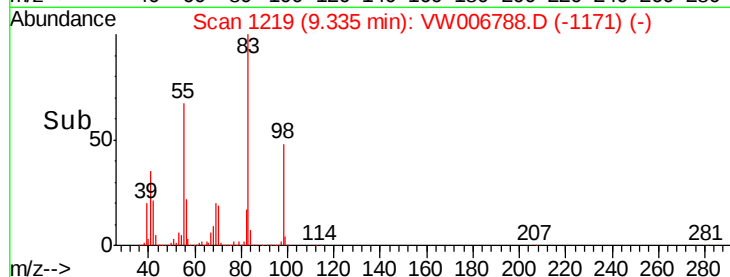
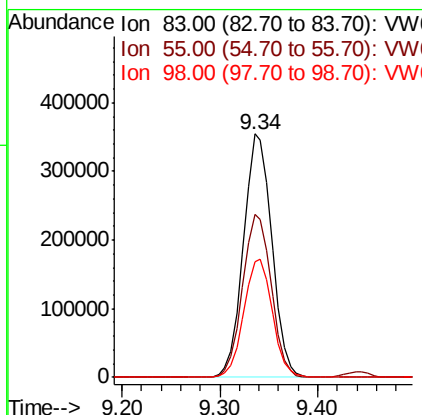
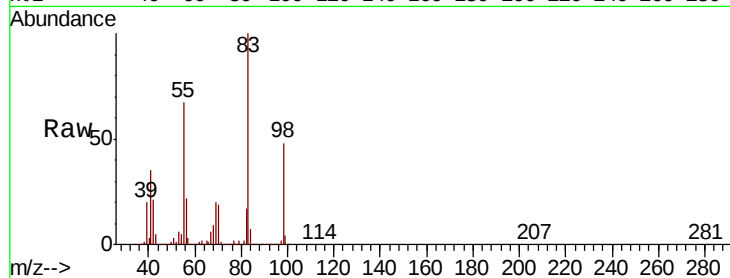
#39
Methvlcvclohexane
Concen: 150.667 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.7	53.0	79.4
98	47.6	37.9	56.9

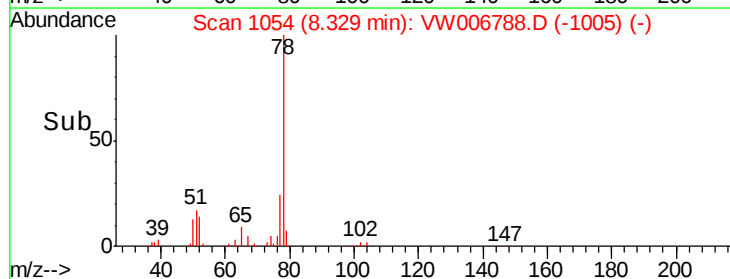
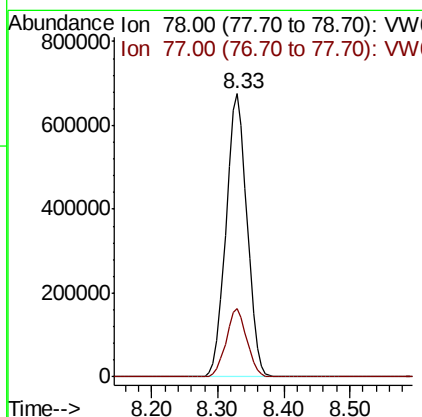
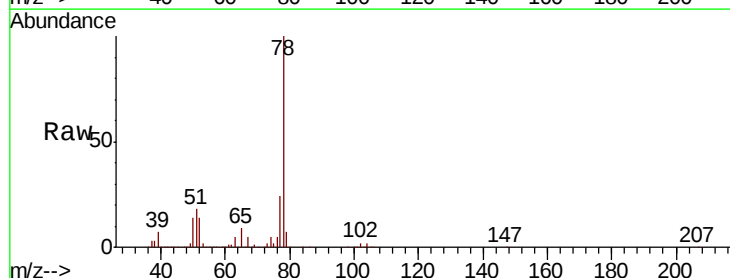
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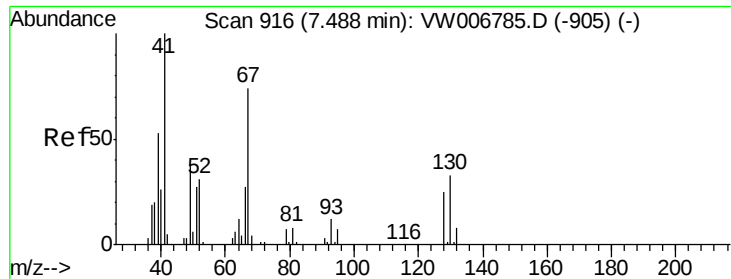
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#40
Benzene
Concen: 140.245 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2





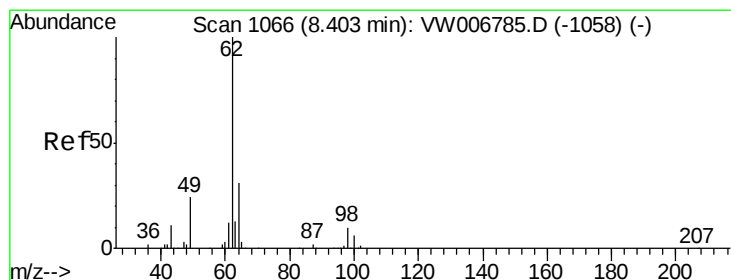
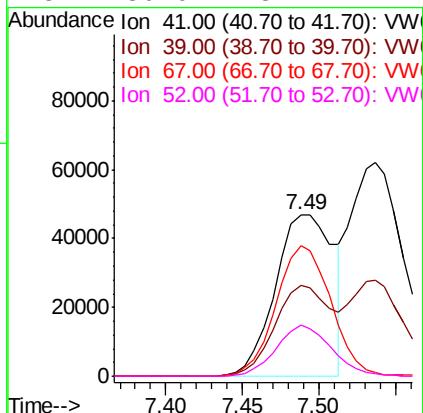
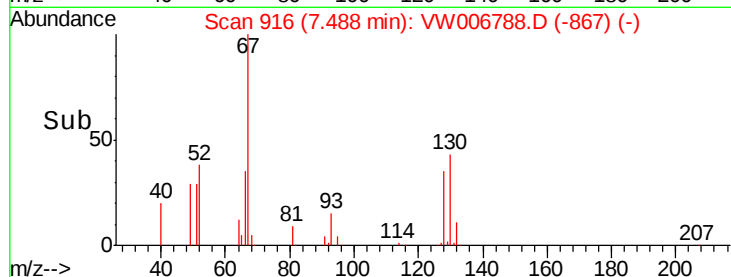
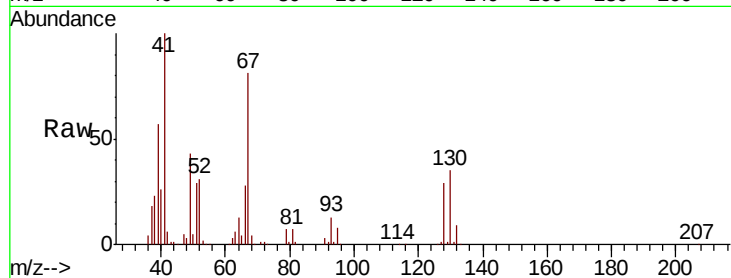
#41
Methacrylonitrile
Concen: 157.410 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion:	41	Resp:	124883
Ion	Ratio	Lower	Upper
41	100		
39	54.4	49.3	73.9
67	76.1	69.3	103.9
52	30.0	28.2	42.4

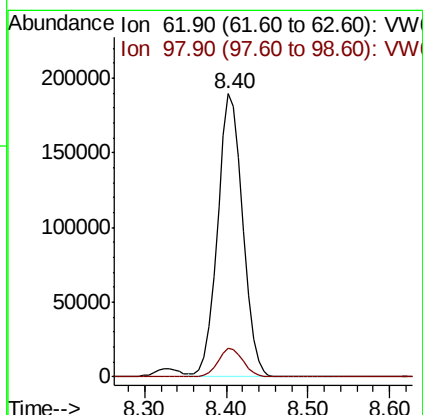
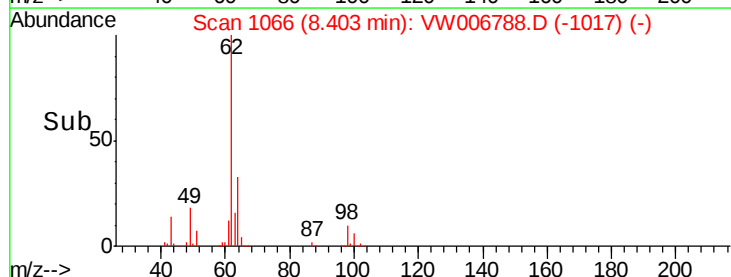
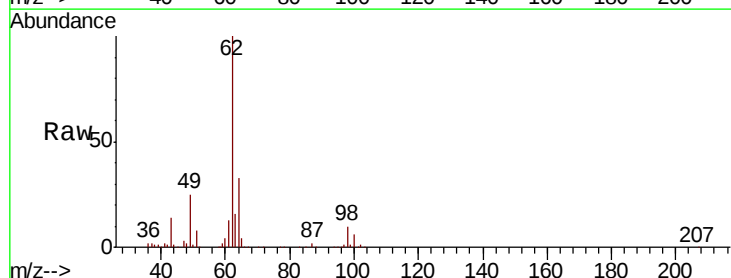
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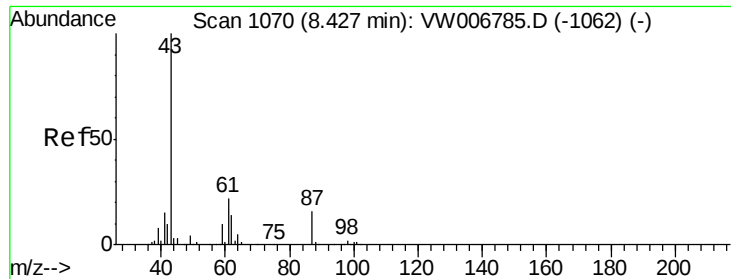
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#42
1,2-Dichloroethane
Concen: 133.300 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:	62	Resp:	405393
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 153.156 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

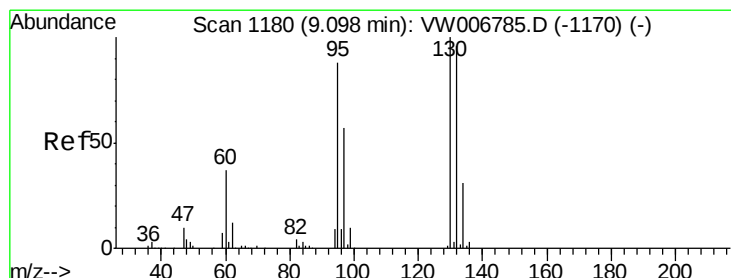
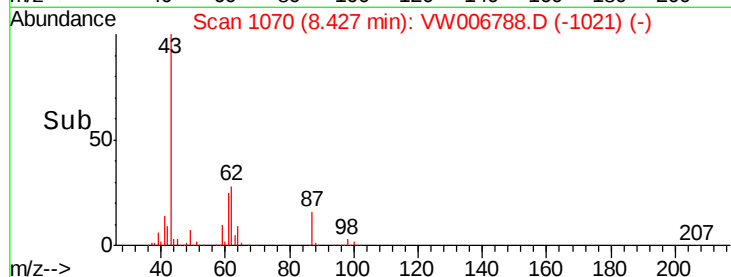
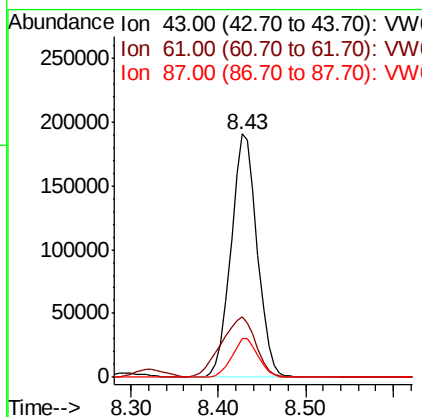
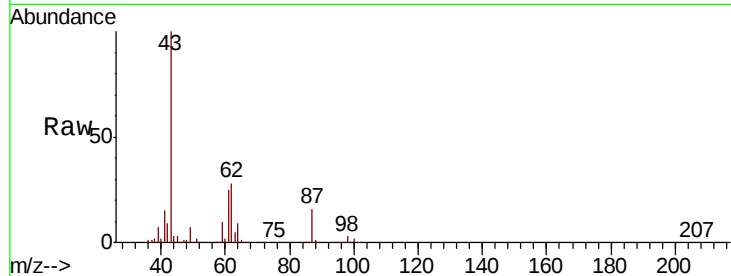
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	395416
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.5	39.7
87	16.0	12.8	19.2

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#44

Trichloroethene

Concen: 138.182 ug/l

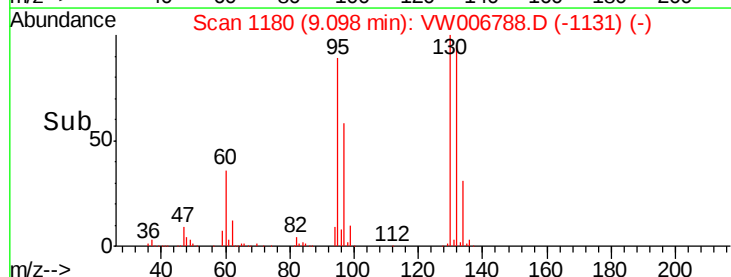
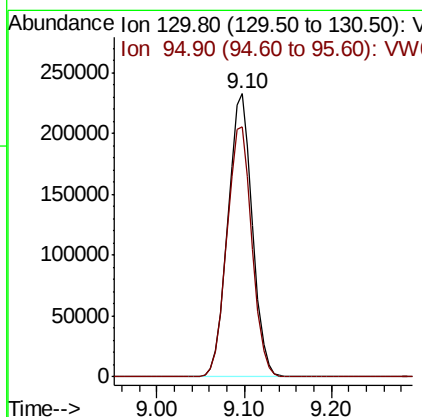
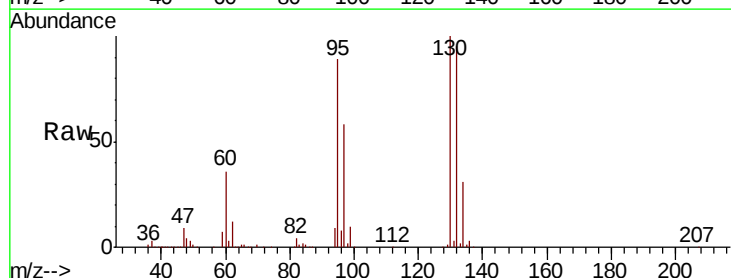
RT: 9.10 min Scan# 1180

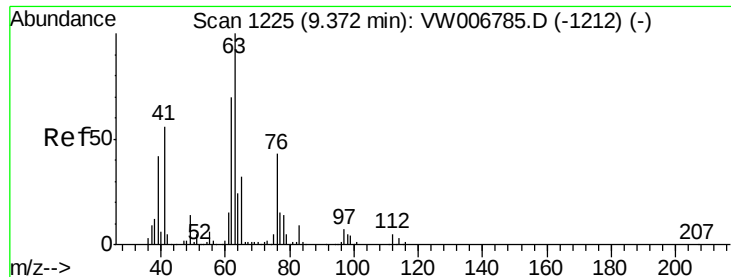
Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	130	Resp:	452182
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	175.0





#45

1,2-Dichloropropane

Concen: 139.092 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 343259

Ion Ratio Lower Upper

63 100

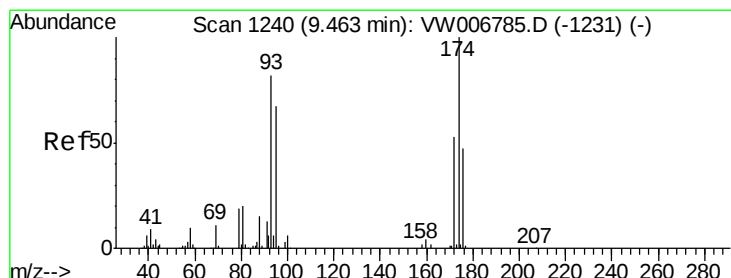
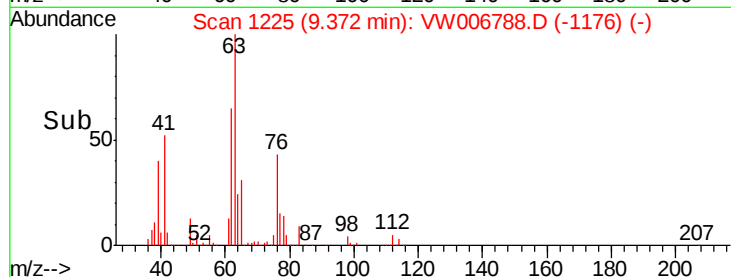
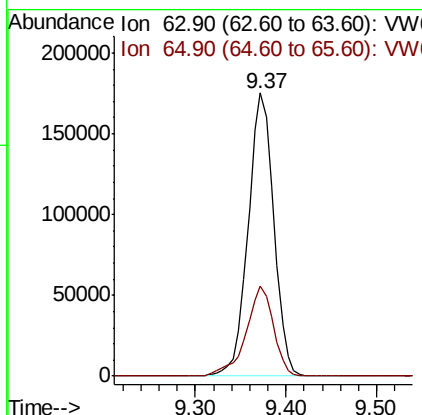
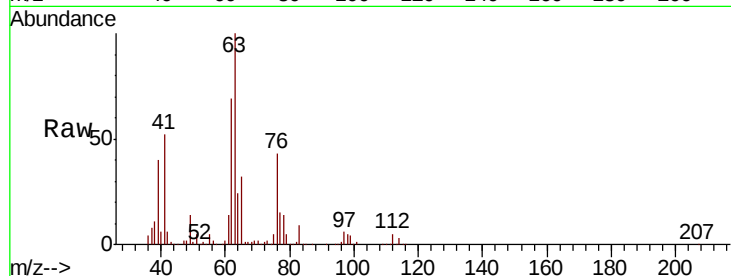
65 31.8 25.5 38.3

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#46

Dibromomethane

Concen: 140.716 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

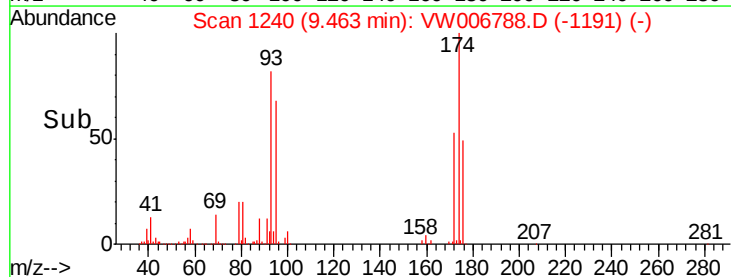
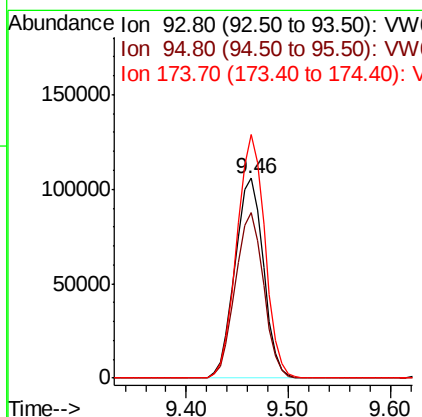
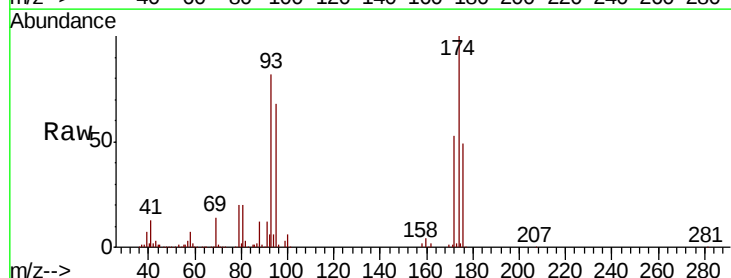
Tgt Ion: 93 Resp: 204136

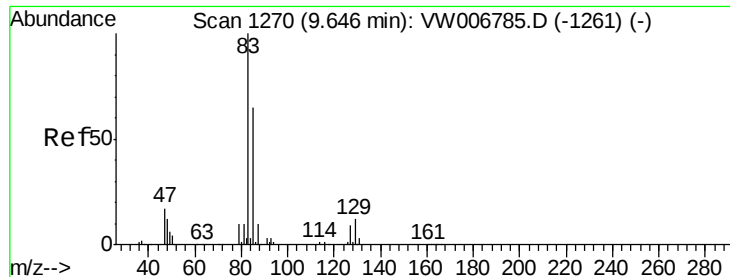
Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.0

174 120.1 96.4 144.6





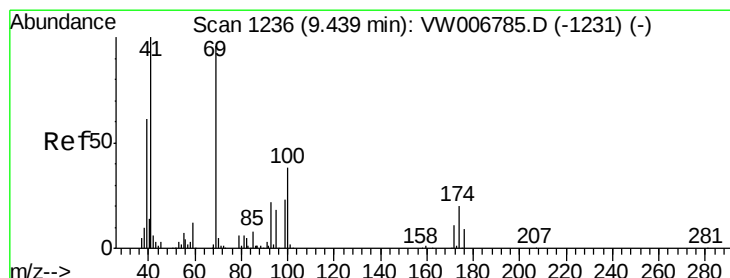
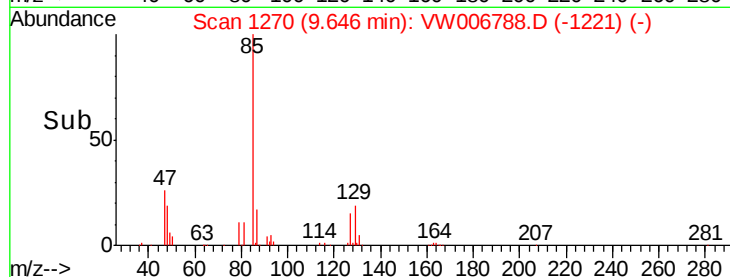
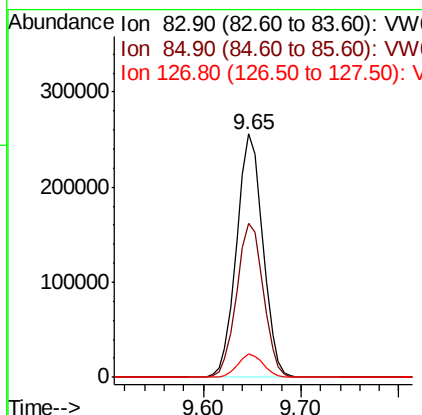
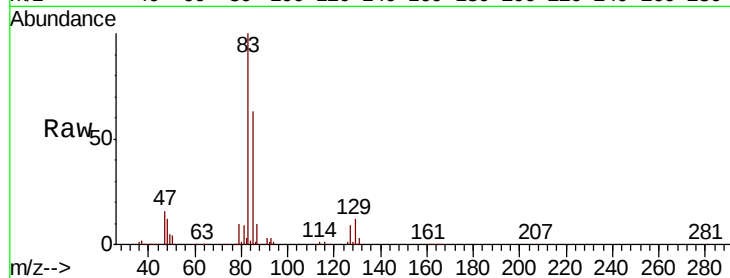
#47
 Bromodichloromethane
 Concen: 141.608 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	83	Resp	476993
Ion Ratio	100		
85	63.5	51.6	77.4
127	9.4	7.4	11.2

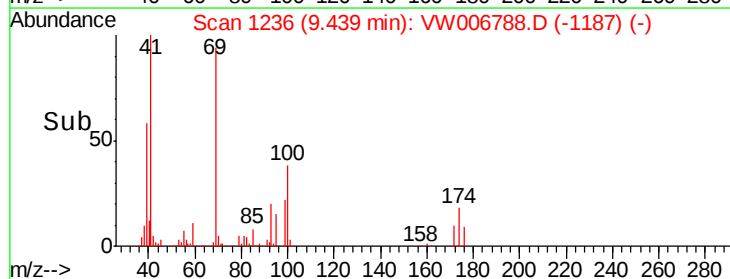
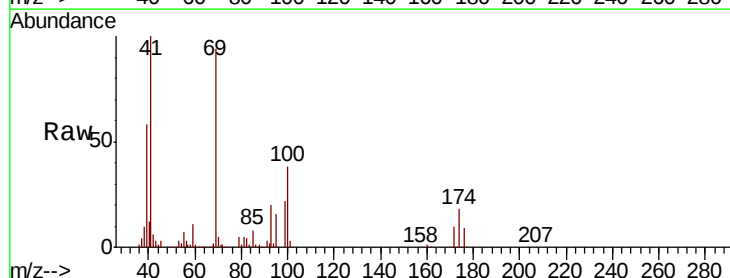
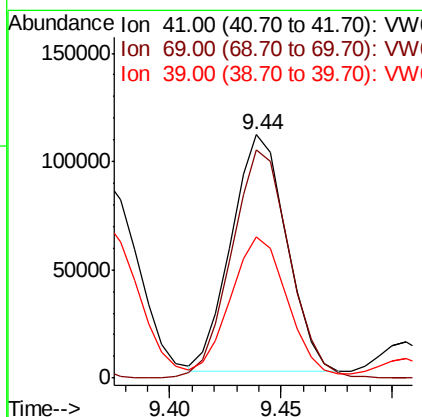
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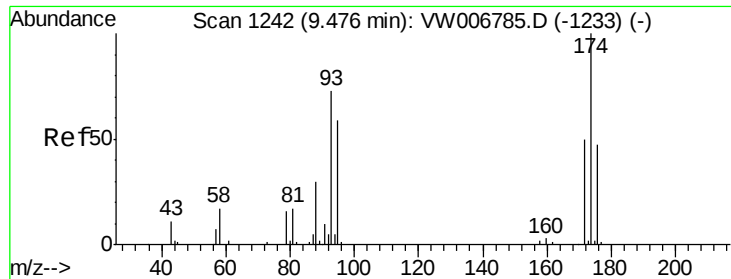
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#48
 Methyl methacrylate
 Concen: 151.362 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	41	Resp	188277
Ion Ratio	100		
69	101.5	81.5	122.3
39	58.5	48.0	72.0





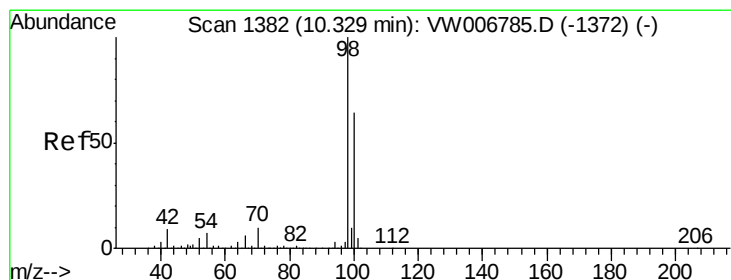
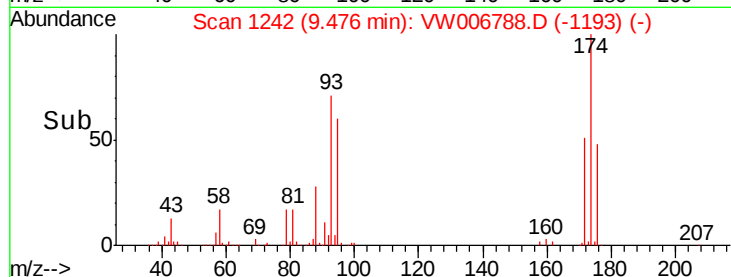
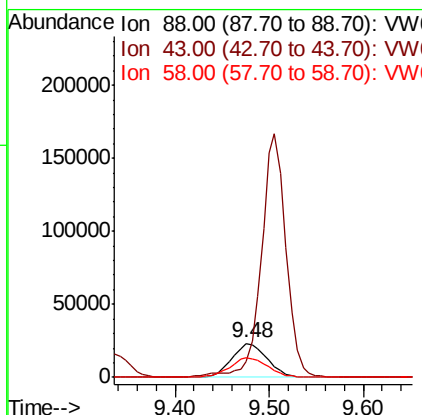
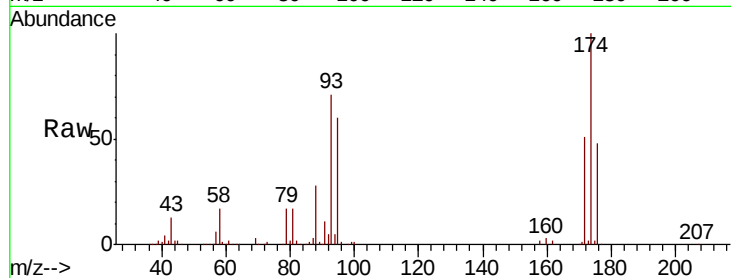
#49
1,4-Dioxane
Concen: 2847.241 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	60449
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	63.7	53.7	80.5

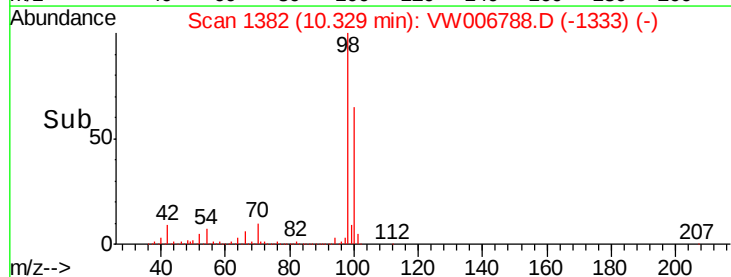
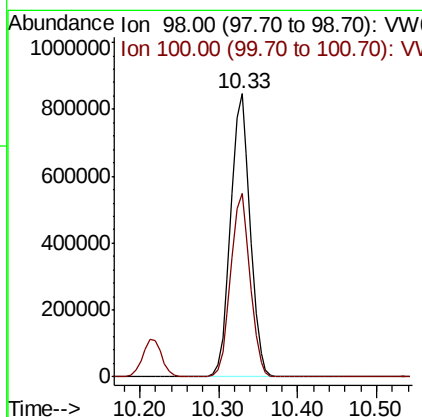
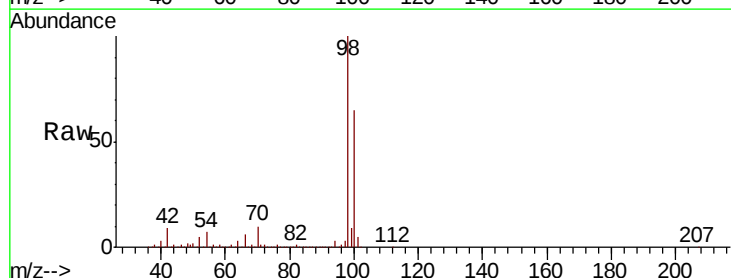
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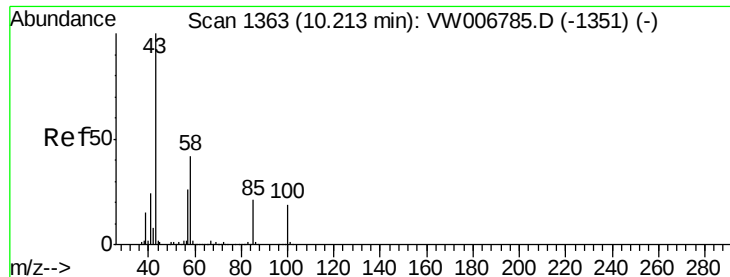
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#50
Toluene-d8
Concen: 143.541 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	98	Resp	1455904
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 741.367 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 983020

Ion Ratio Lower Upper

43 100

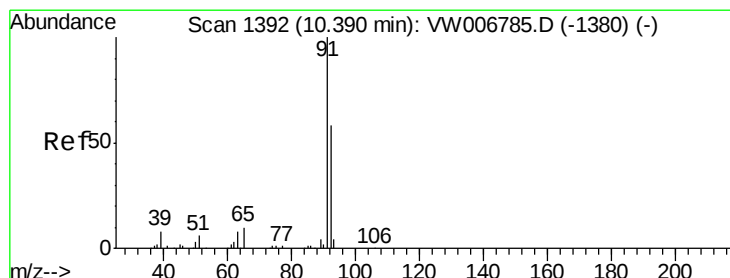
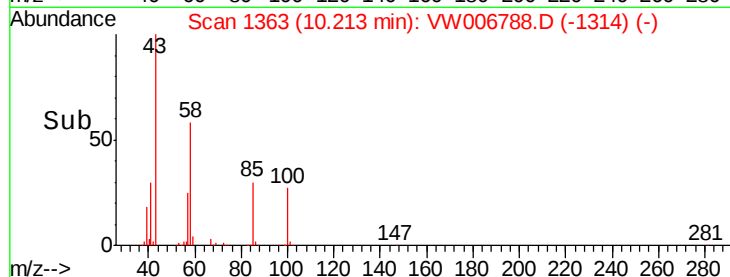
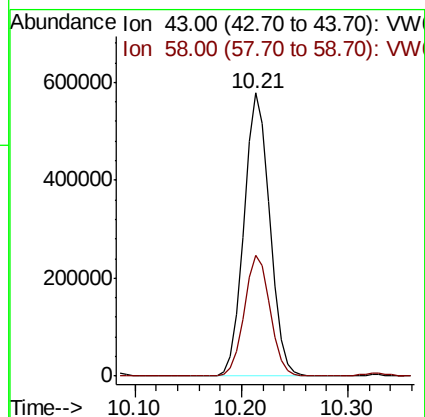
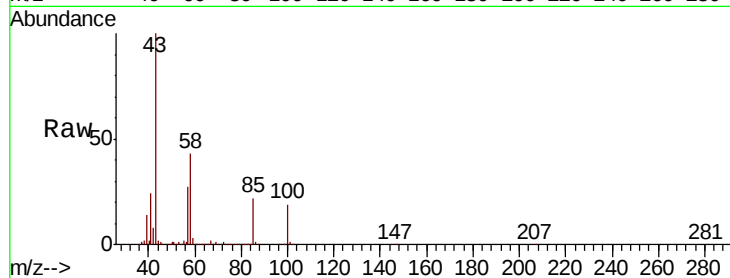
58 42.6 33.2 49.8

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#52

Toluene

Concen: 150.025 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006788.D

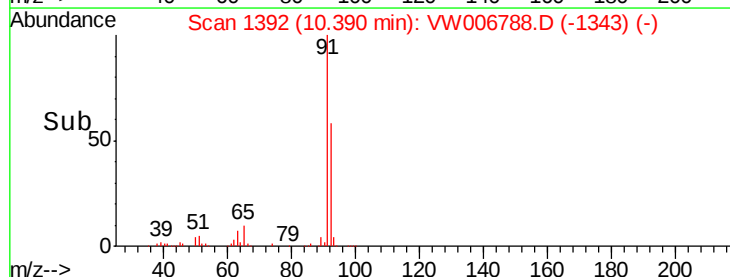
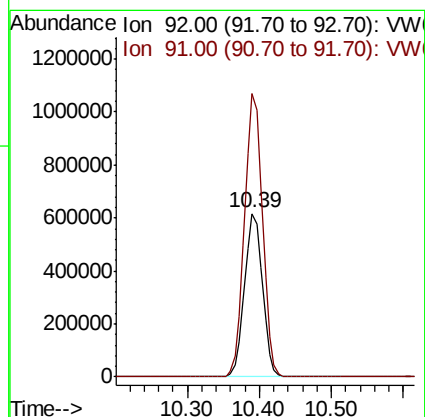
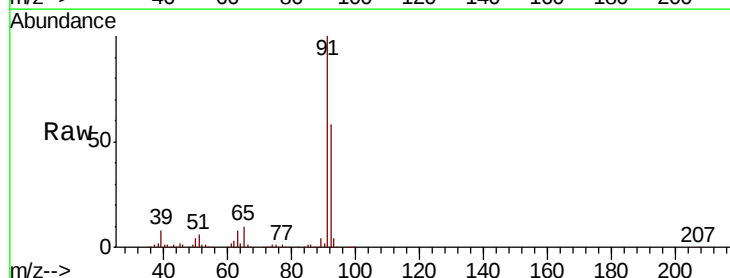
Acq: 09 Nov 2018 14:49

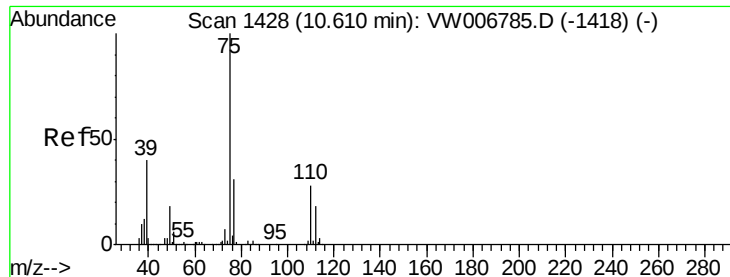
Tgt Ion: 92 Resp: 1067066

Ion Ratio Lower Upper

92 100

91 172.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 157.444 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 510400

Ion Ratio Lower Upper

75 100

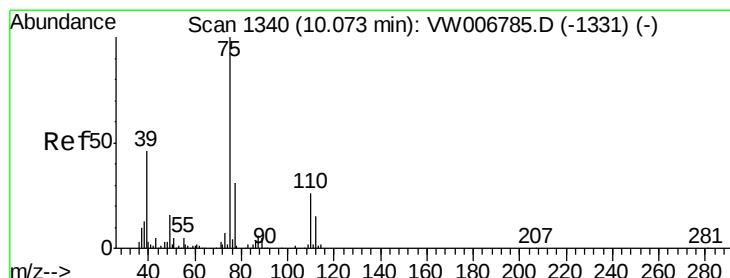
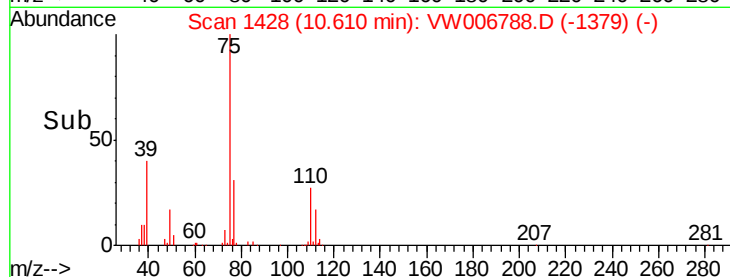
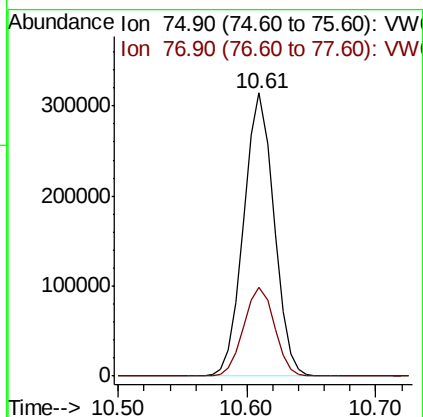
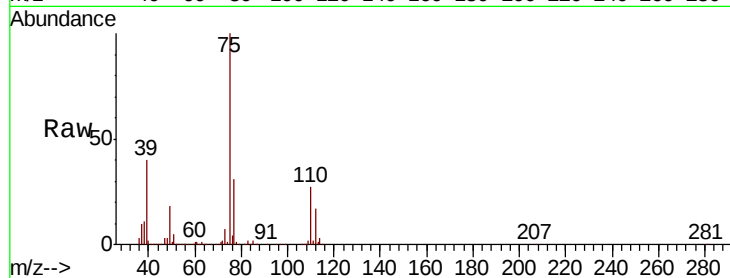
77 31.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 151.298 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

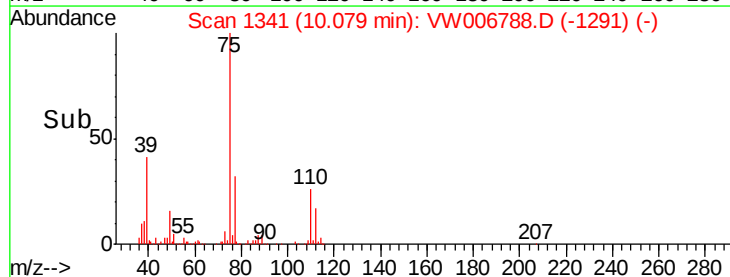
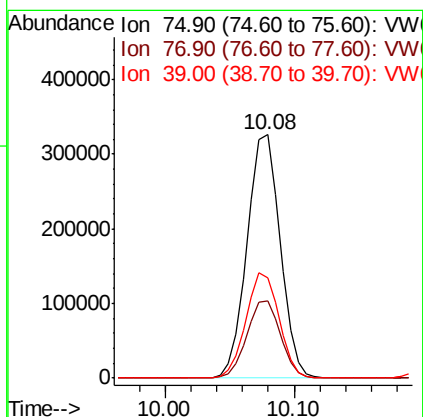
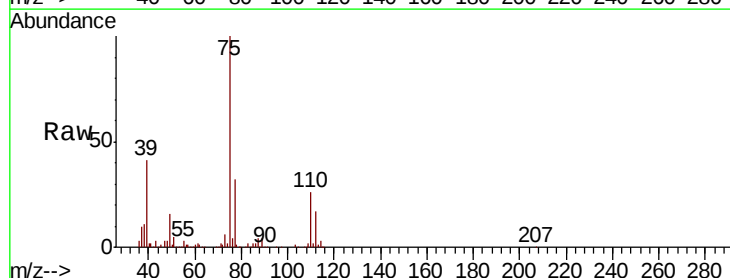
Tgt Ion: 75 Resp: 579597

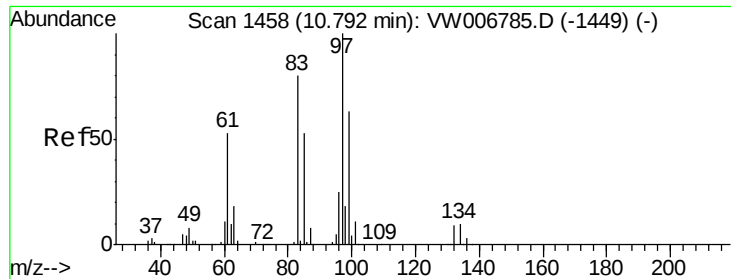
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 41.4 37.1 55.7





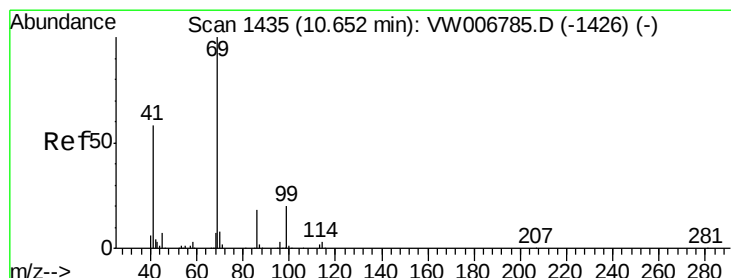
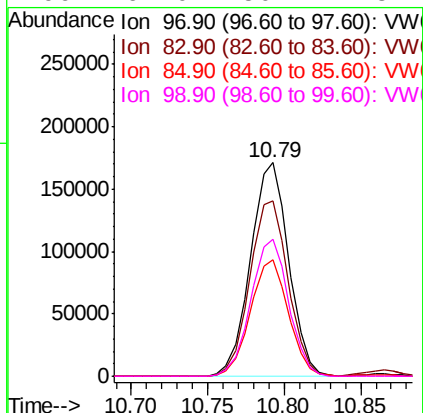
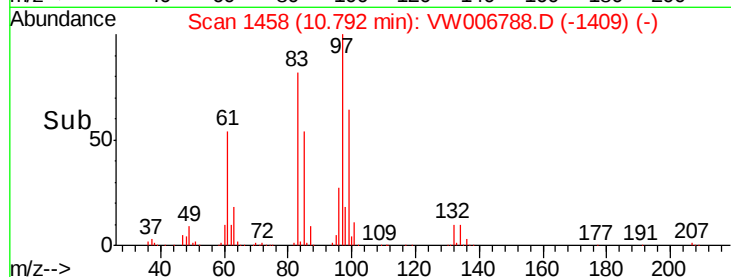
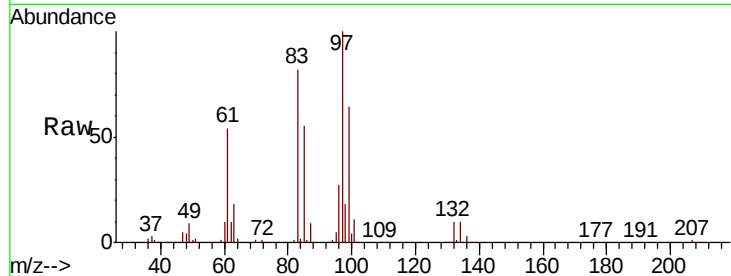
#55
 1,1,2-Trichloroethane
 Concen: 144.382 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
97	100	297185		
83	82.3	64.4	96.6	
85	54.5	42.6	63.8	
99	64.0	50.2	75.2	

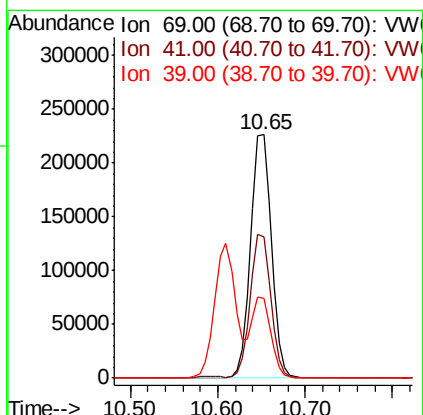
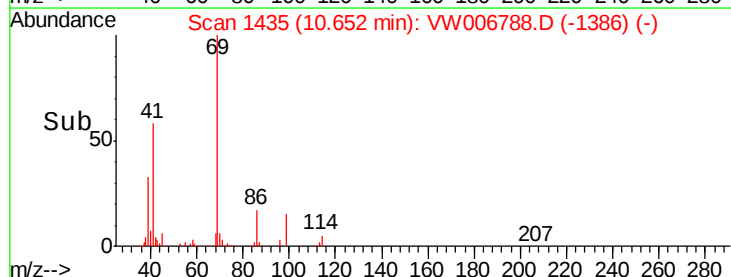
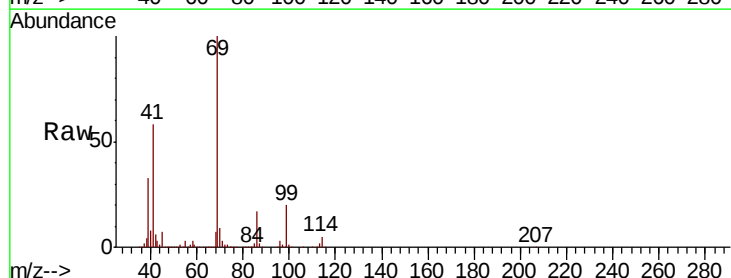
Manual Integrations
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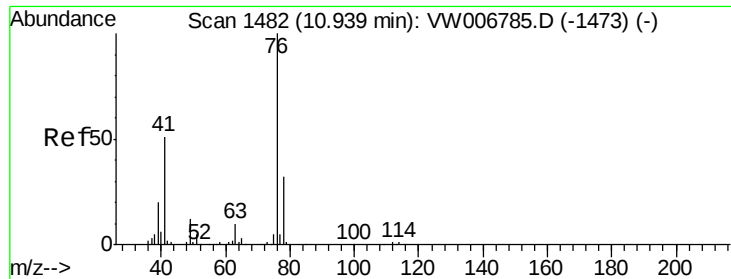
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#56
 Ethyl methacrylate
 Concen: 159.065 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	372133		
41	58.4	47.2	70.8	
39	29.2	23.4	35.0	





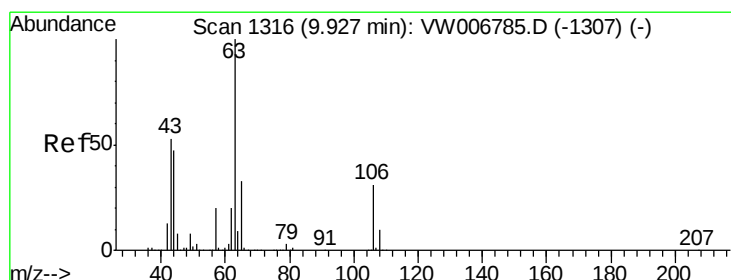
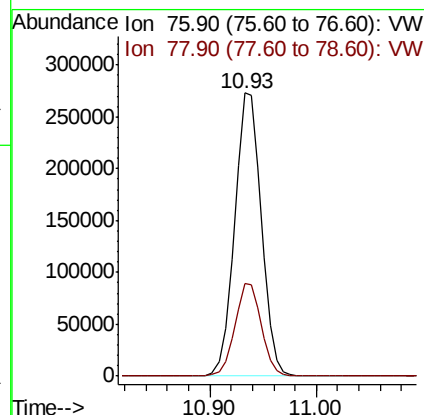
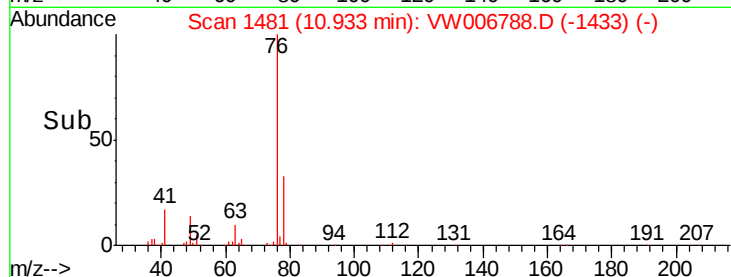
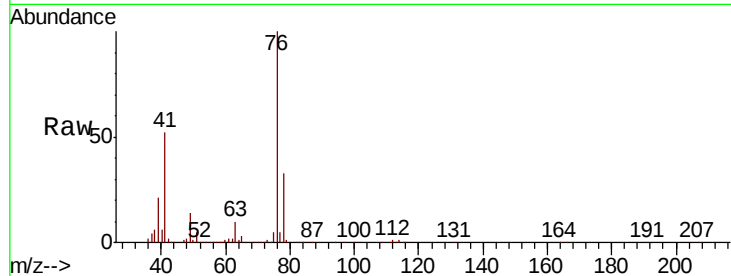
#57
 1,3-Dichloropropane
 Concen: 143.247 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 478785
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3

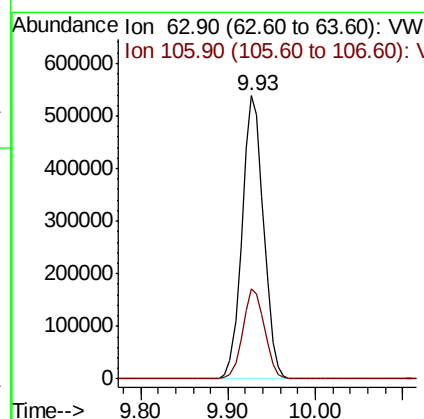
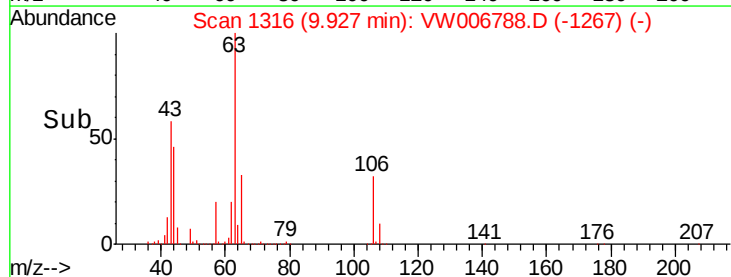
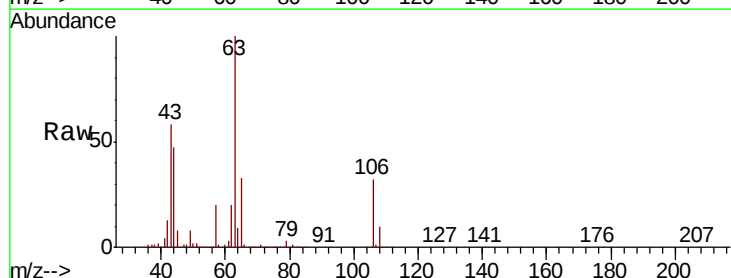
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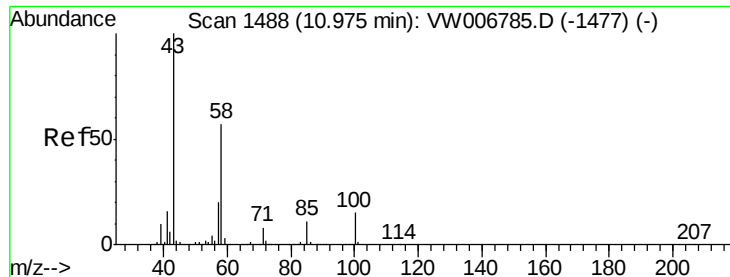
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 11/12/2018 3:41:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 809.514 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion: 63 Resp: 920619
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.3 37.9





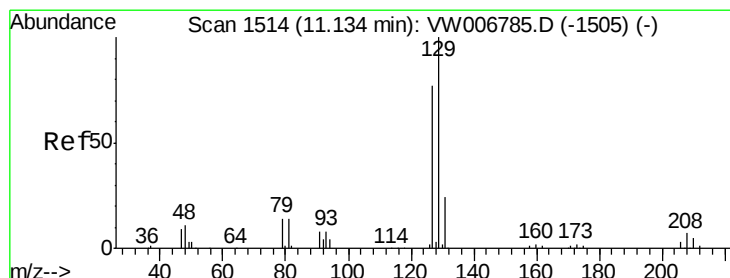
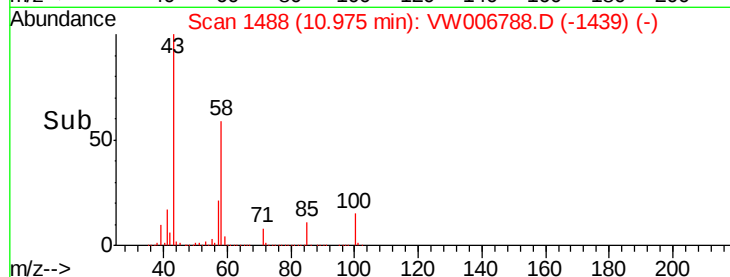
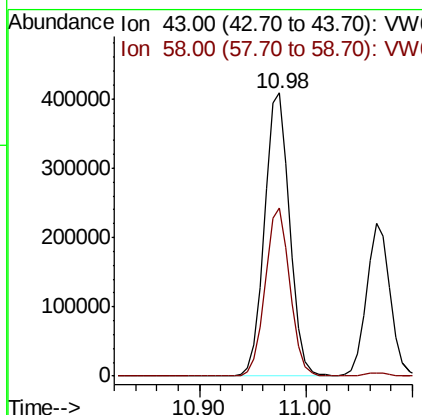
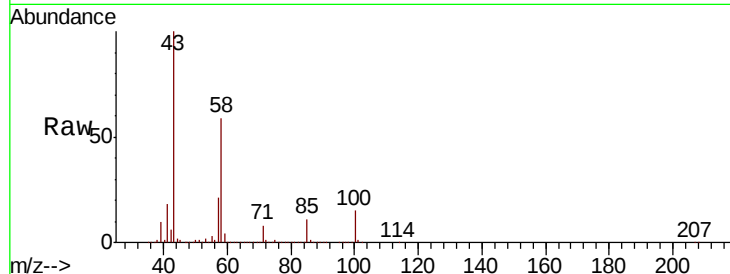
#59
2-Hexanone
Concen: 749.086 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 674610
Ion Ratio Lower Upper
43 100
58 58.4 28.5 85.5

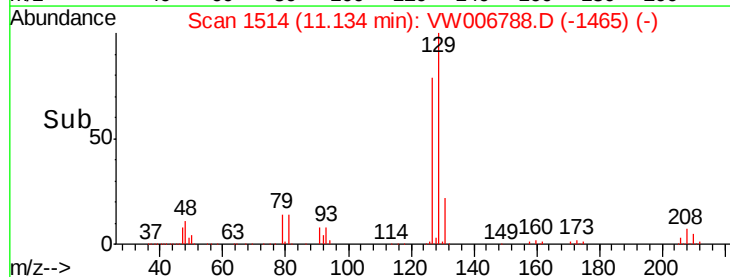
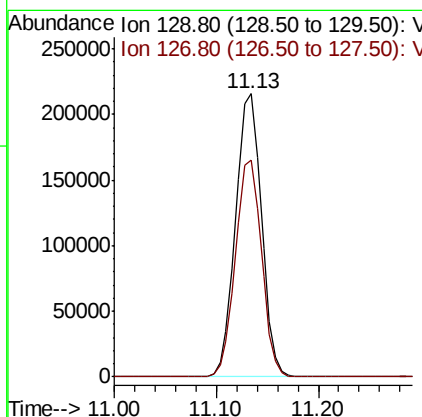
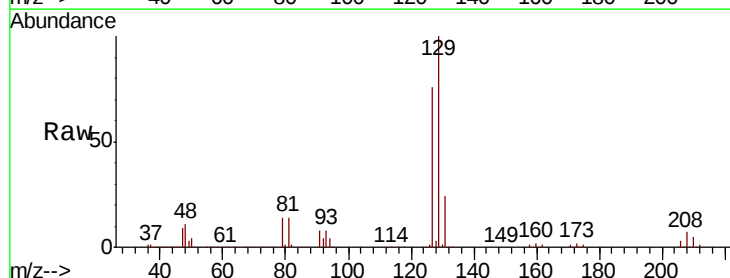
Manual Integrations
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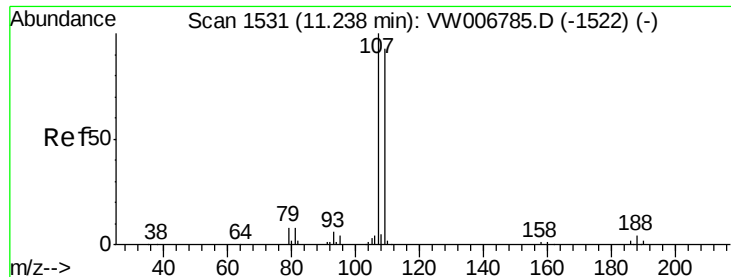
apatel
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#60
Dibromochloromethane
Concen: 155.162 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 129 Resp: 378398
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





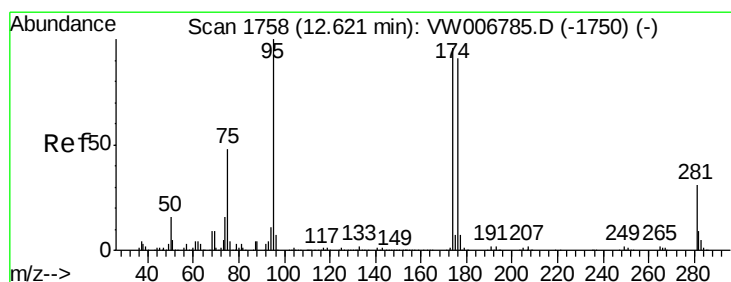
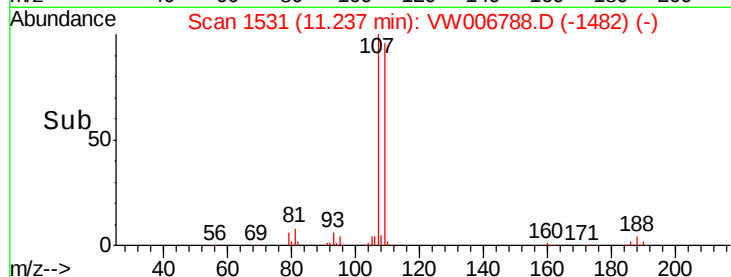
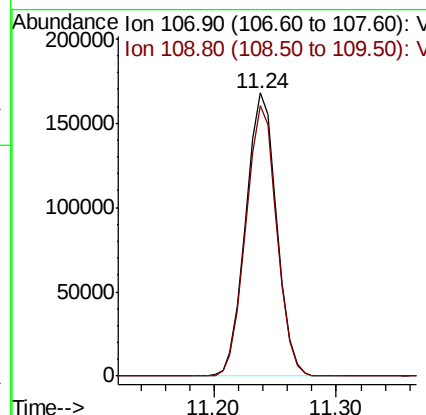
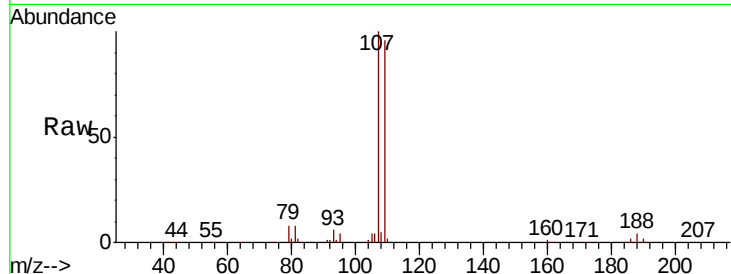
#61
 1,2-Dibromoethane
 Concen: 143.887 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.5	113.3

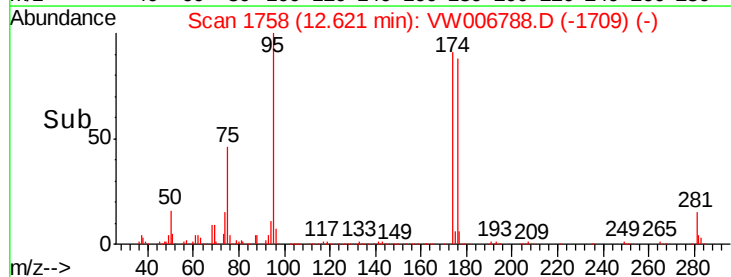
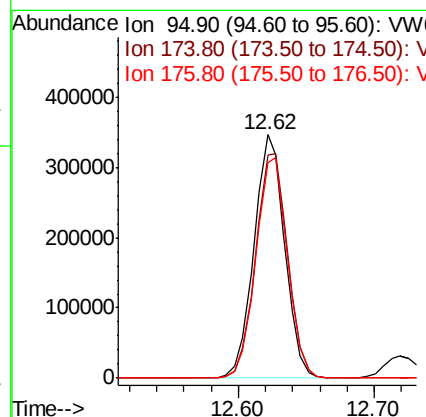
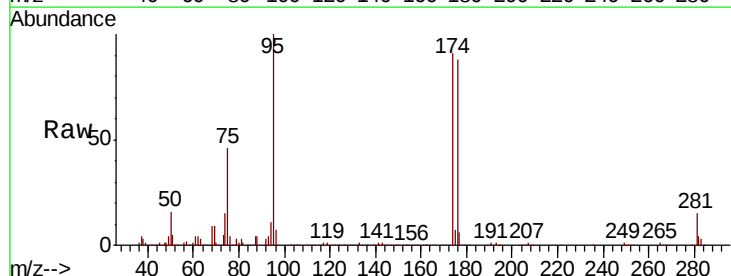
Manual Integrations
 APPROVED

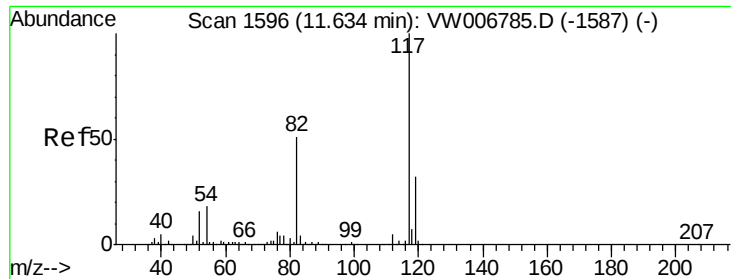
apatel
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#62
 4-Bromofluorobenzene
 Concen: 148.933 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	196.2
176	93.5	0.0	190.8





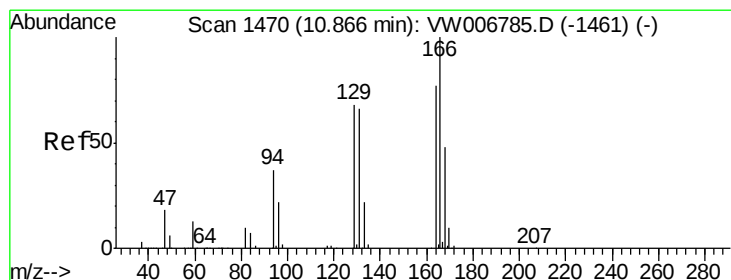
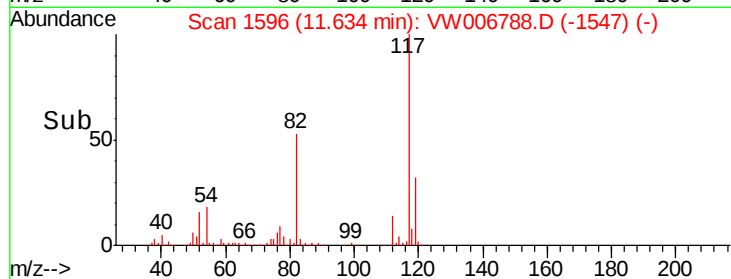
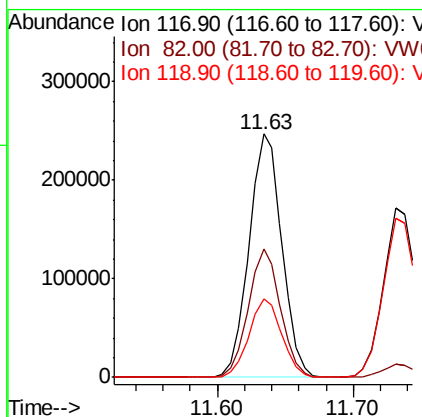
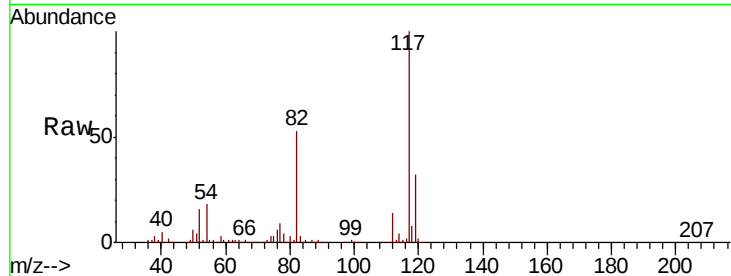
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417637		
82	52.6	40.9	61.3	
119	32.2	25.8	38.8	

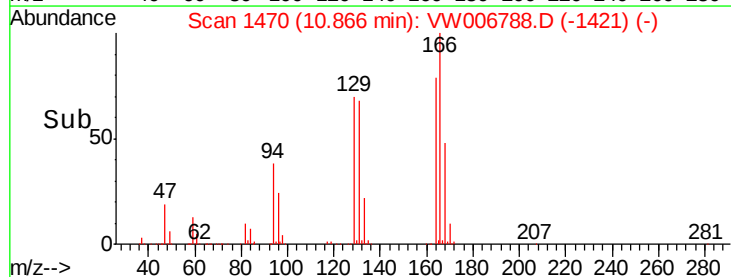
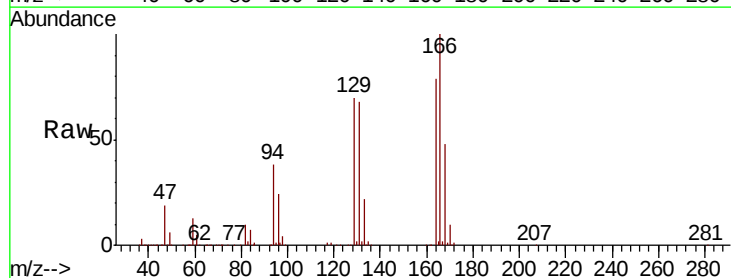
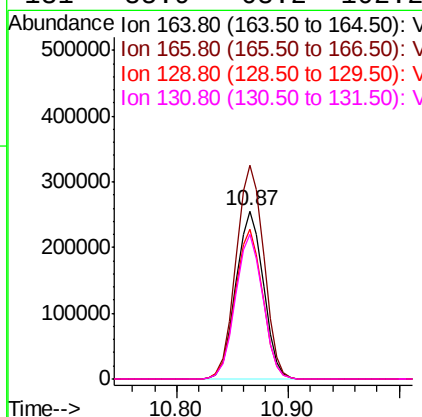
Manual Integrations
APPROVED

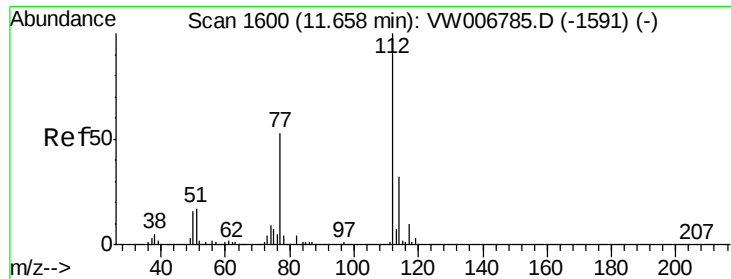
apatel
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#64
Tetrachloroethene
Concen: 131.508 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	437812		
166	127.0	103.7	155.5	
129	89.0	70.4	105.6	
131	85.9	68.2	102.2	





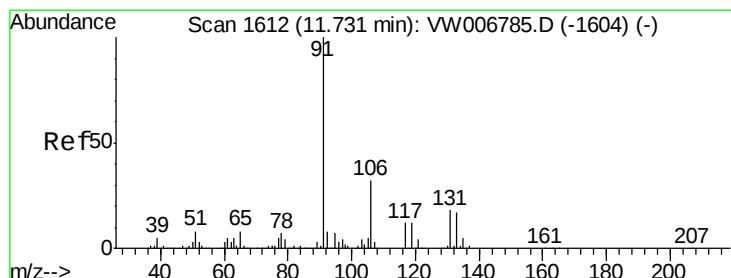
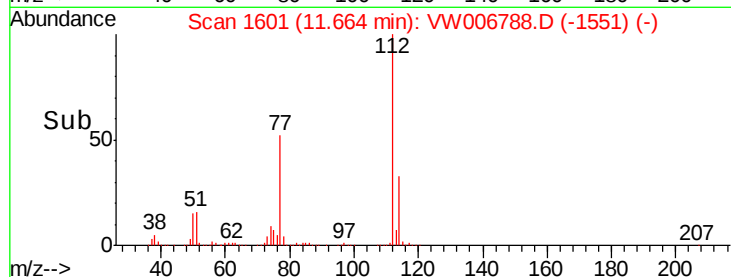
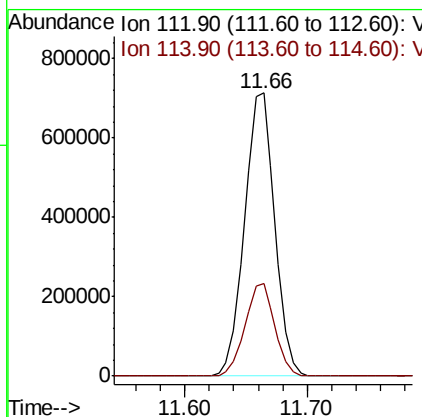
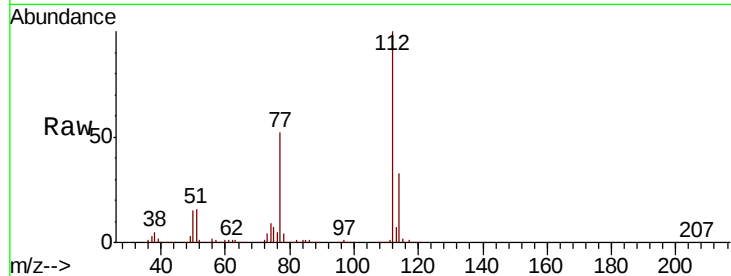
#65
Chlorobenzene
Concen: 139.238 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1223667
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9

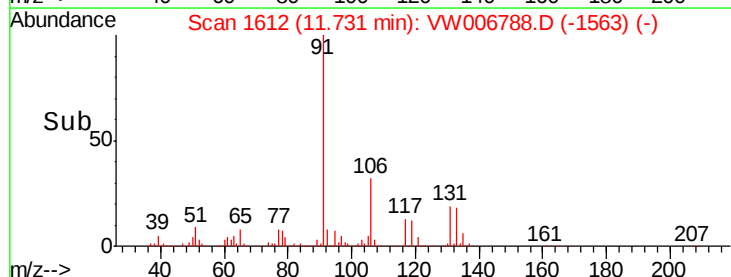
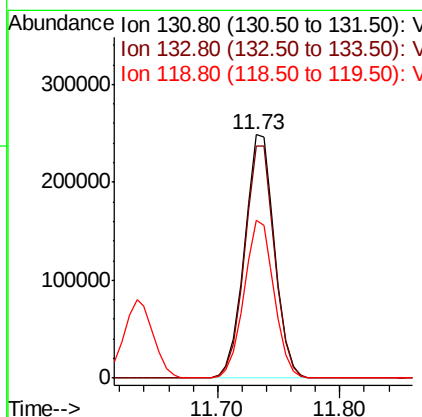
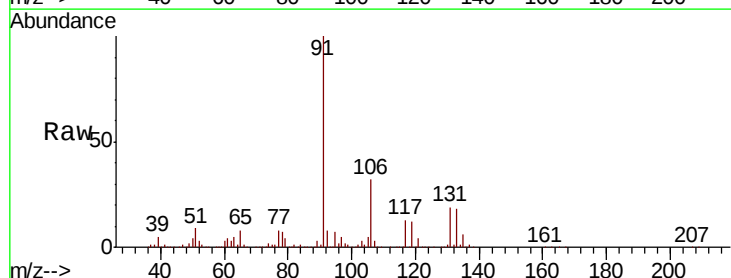
Manual Integrations
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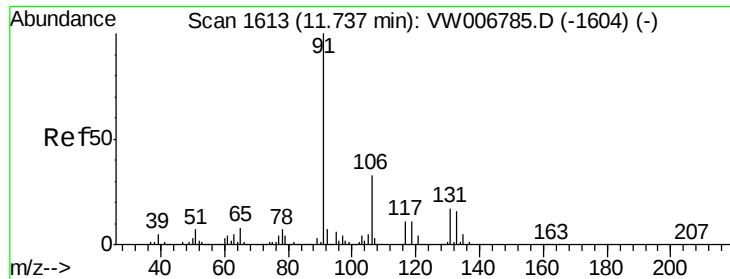
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#66
1,1,1,2-Tetrachloroethane
Concen: 136.339 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:131 Resp: 421143
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 64.9 32.3 96.8





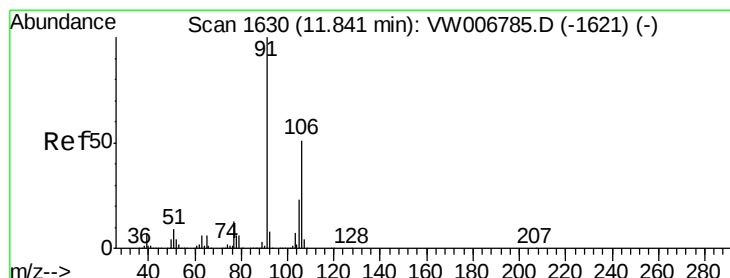
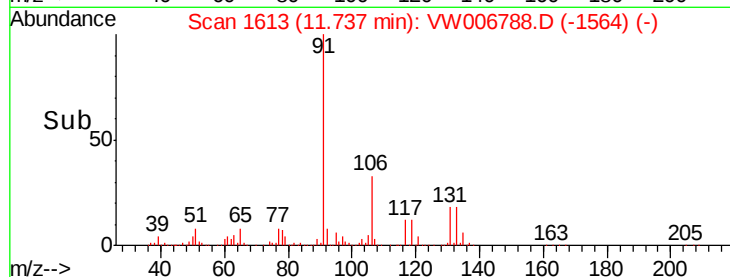
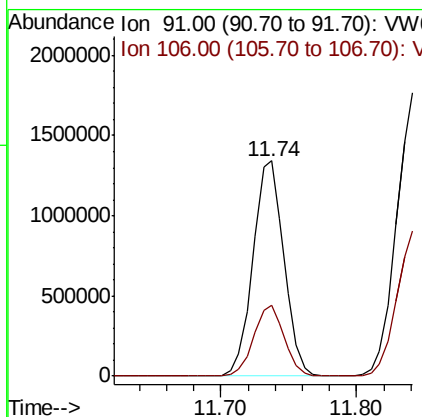
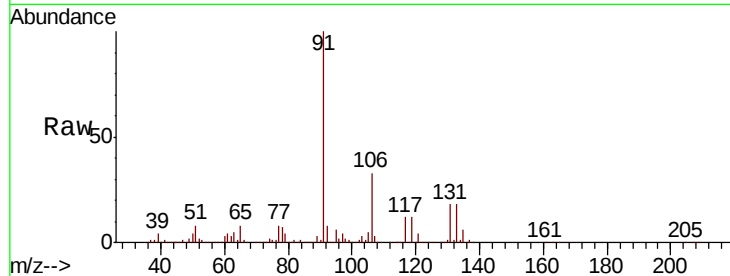
#67
Ethyl Benzene
Concen: 146.131 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2146558
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5

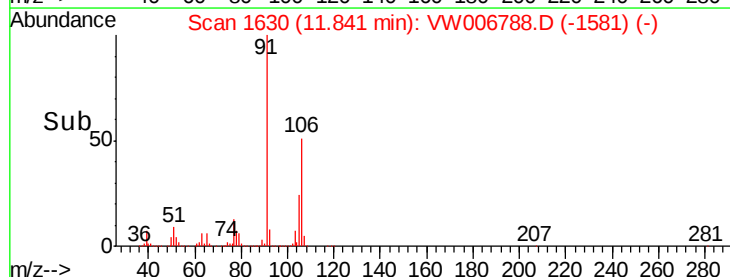
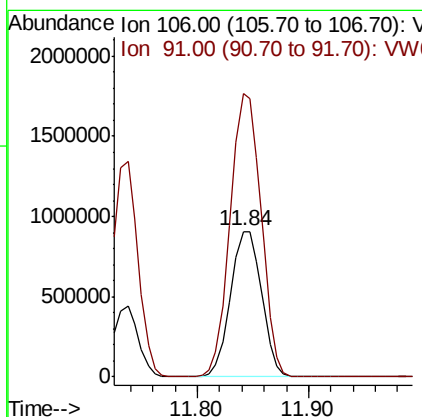
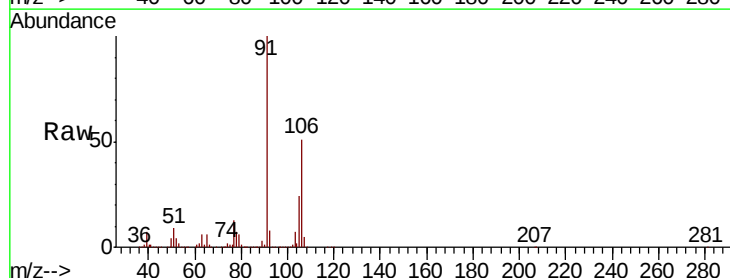
Manual Integrations
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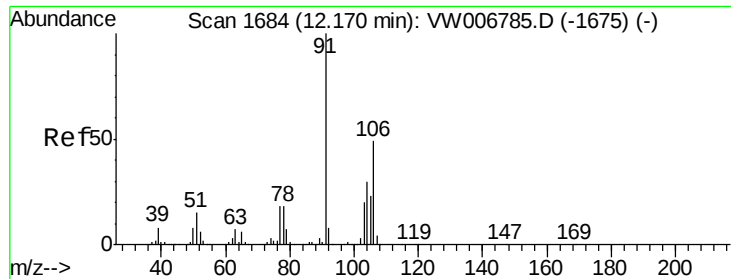
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#68
m/p-Xylenes
Concen: 299.279 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 106 Resp: 1756384
Ion Ratio Lower Upper
106 100
91 193.6 155.3 232.9





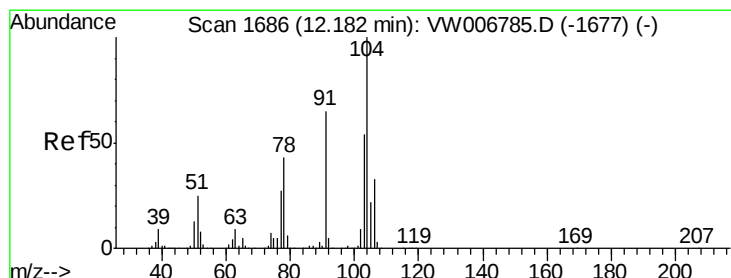
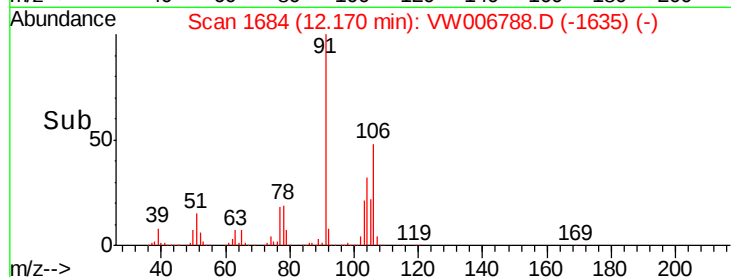
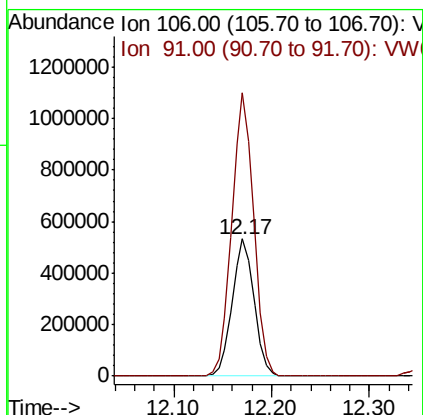
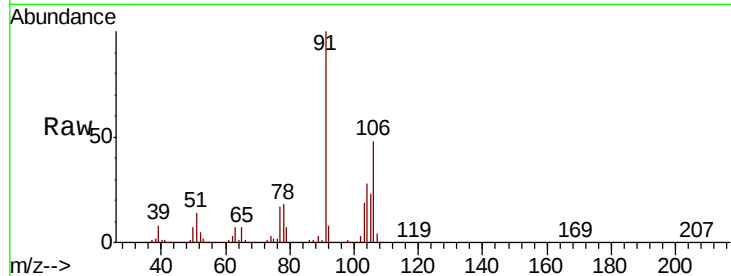
#69
o-Xylene
Concen: 147.983 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	206.4	103.0	308.9	

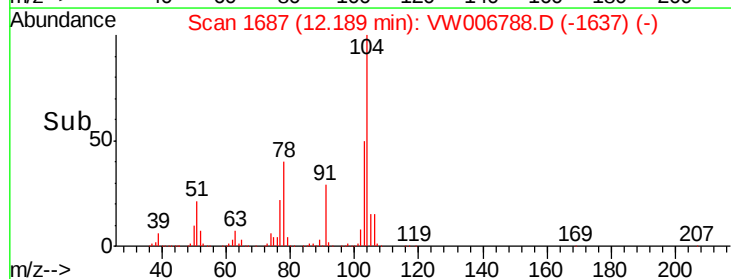
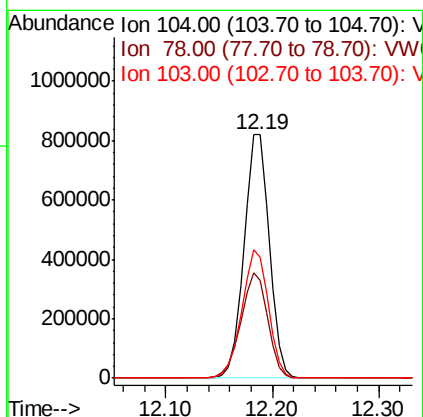
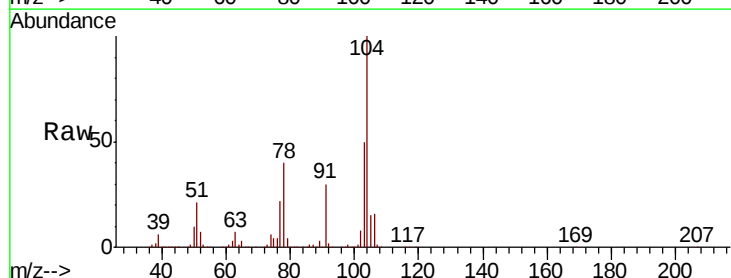
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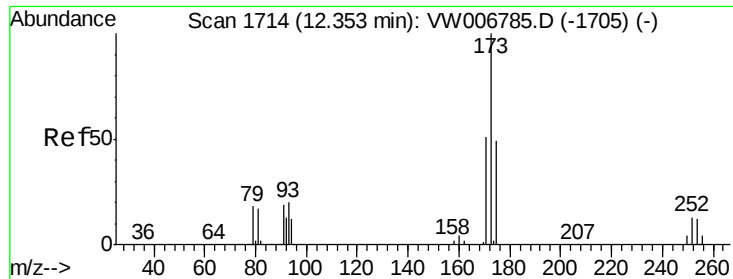
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#70
Styrene
Concen: 150.233 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.0	37.1	55.7	
103	55.4	44.4	66.6	





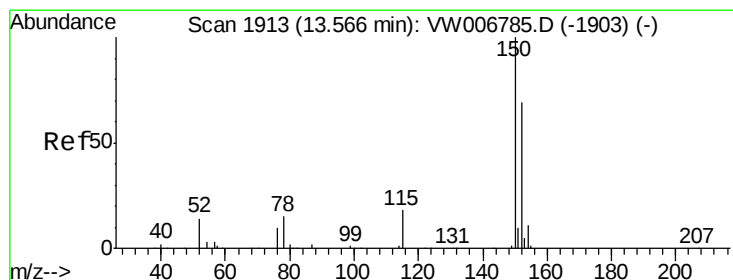
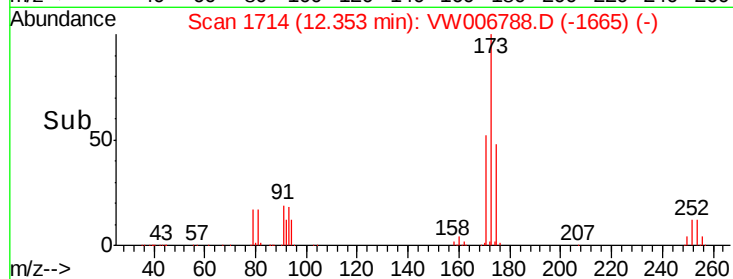
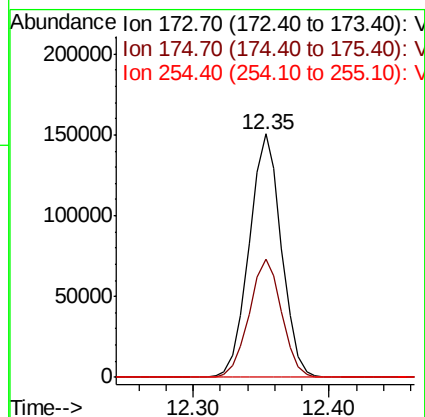
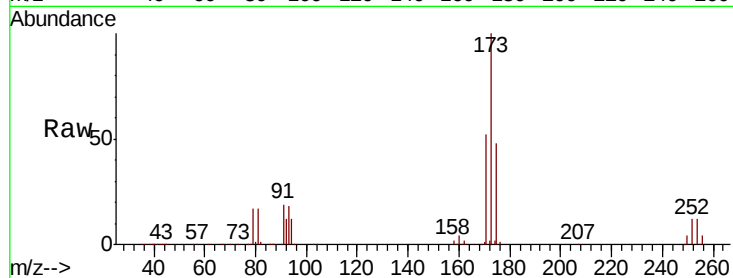
#71
Bromoform
Concen: 152.199 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.2	0.1	0.1#

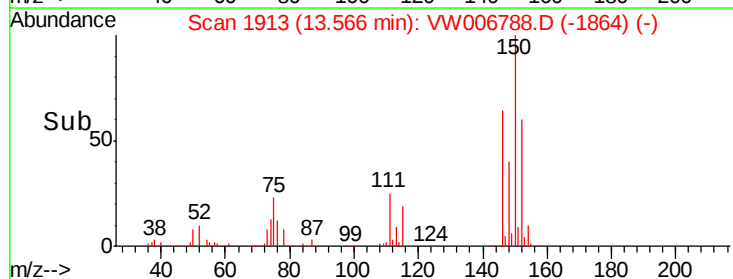
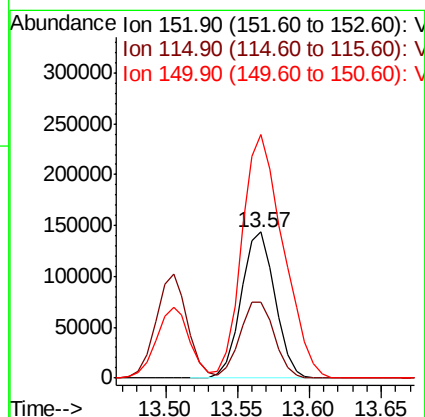
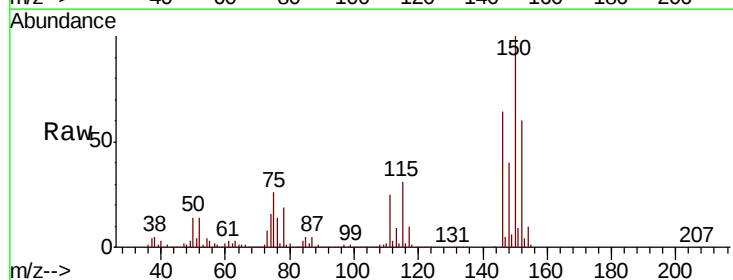
Manual Integrations
APPROVED

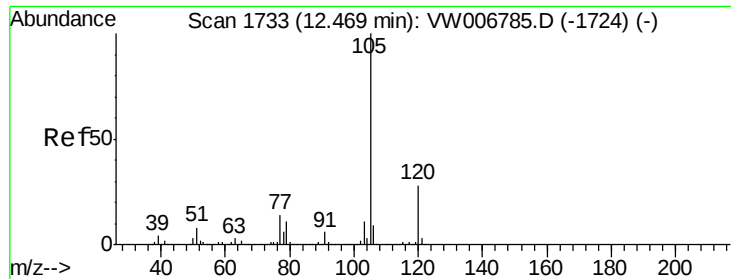
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.7	80.0
150	204.5	0.0	348.0





#73

Isopropylbenzene

Concen: 147.573 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2258912

Ion Ratio Lower Upper

105 100

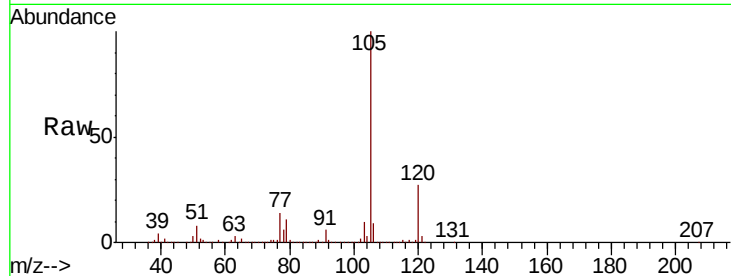
120 27.5 13.9 41.6

Manual Integrations

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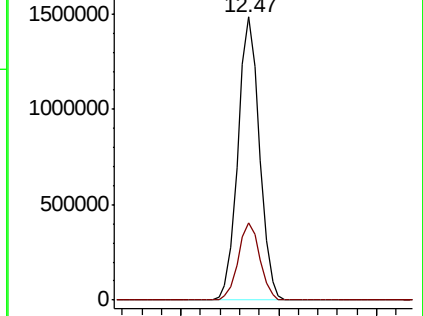
apatel

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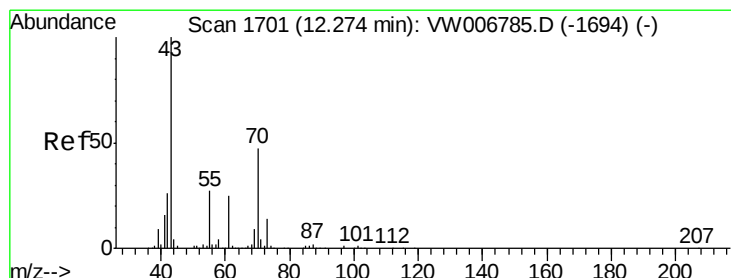
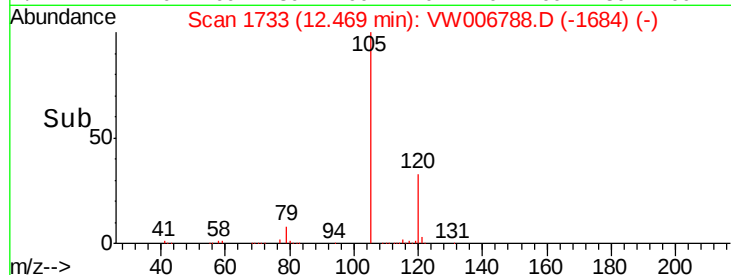


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 146.190 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion: 43 Resp: 386688

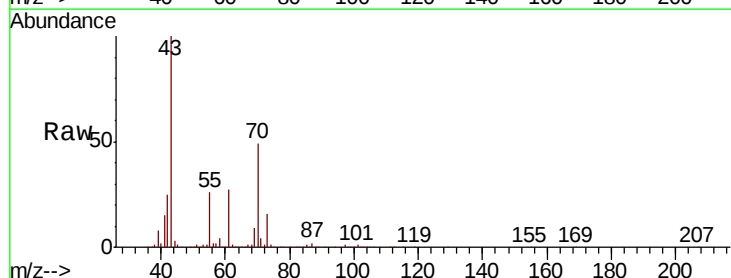
Ion Ratio Lower Upper

43 100

70 48.7 38.3 57.5

55 26.6 22.3 33.5

61 26.9 20.1 30.1

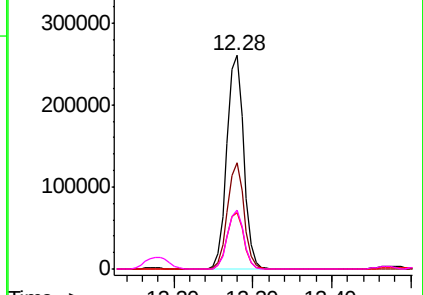


Abundance Ion 43.00 (42.70 to 43.70): VW

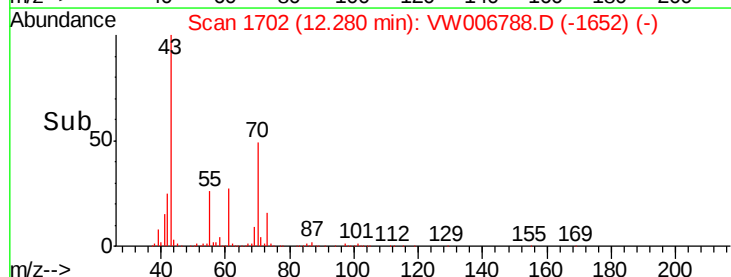
Ion 70.00 (69.70 to 70.70): VW

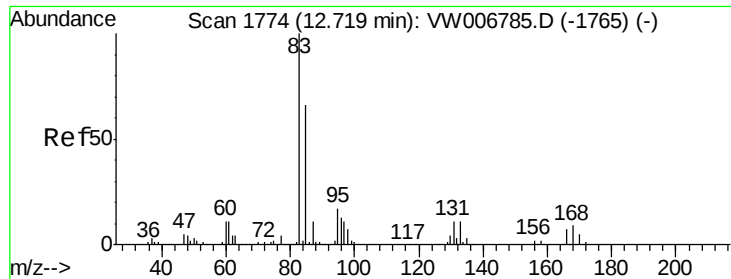
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 136.541 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

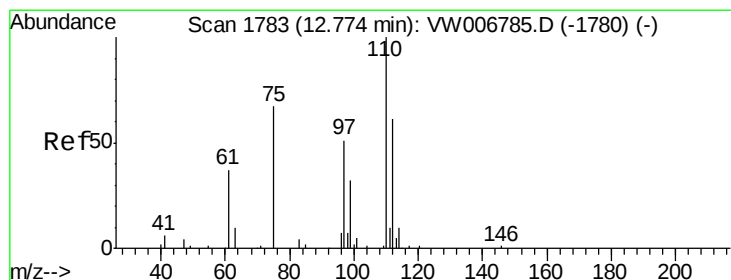
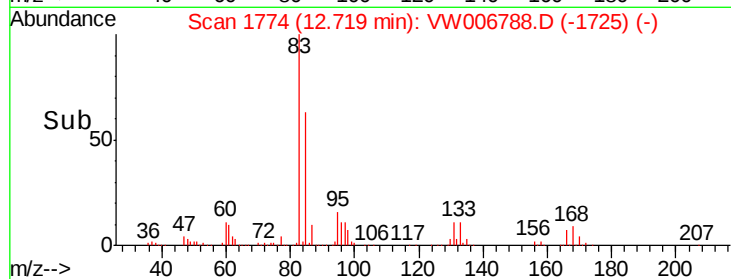
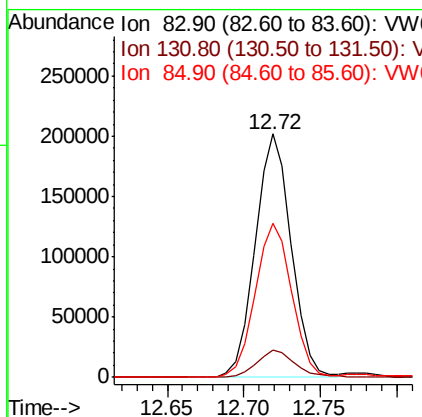
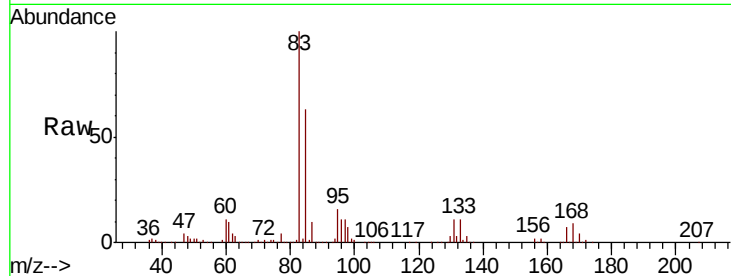
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	330103
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	64.3	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 140.830 ug/l m

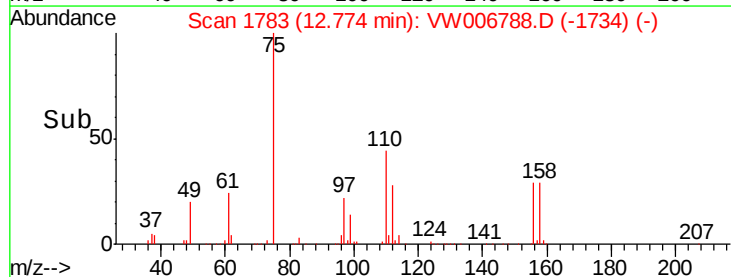
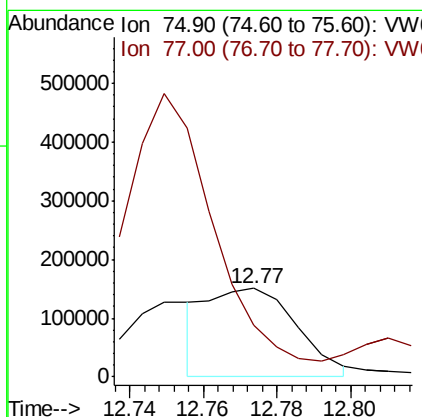
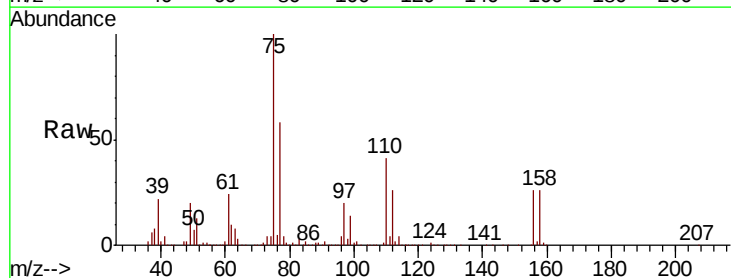
RT: 12.77 min Scan# 1783

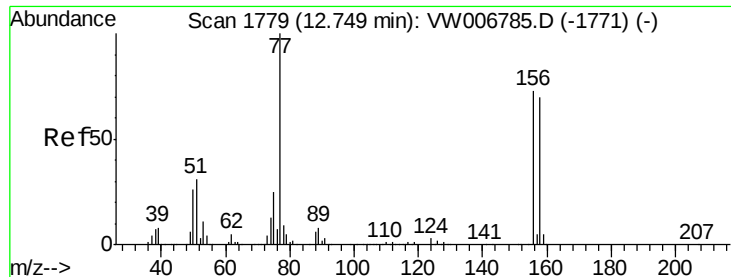
Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:	75	Resp:	255321
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 139.294 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 552049

Ion Ratio Lower Upper

156 100

77 154.0 75.4 226.3

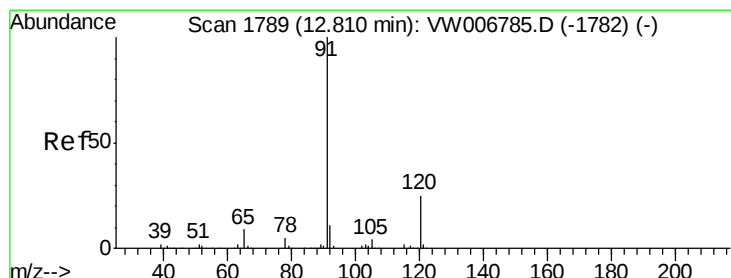
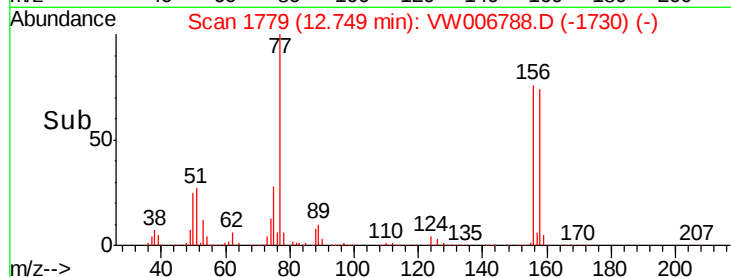
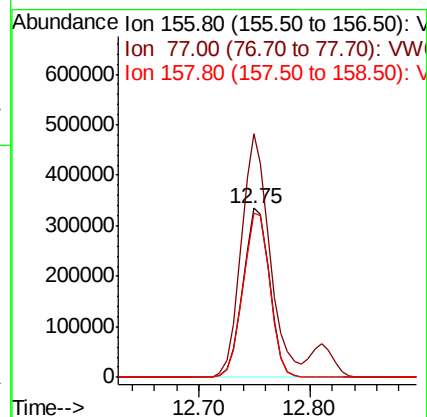
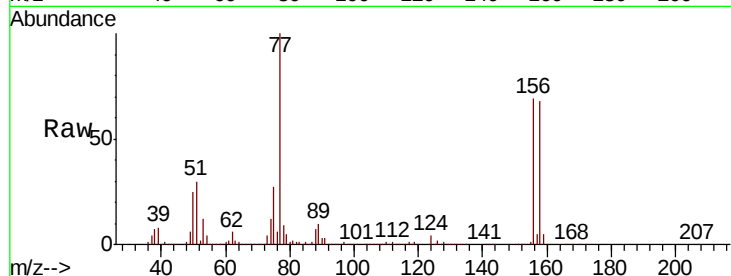
158 97.9 48.7 146.1

Manual Integrations

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#78

n-propylbenzene

Concen: 148.491 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006788.D

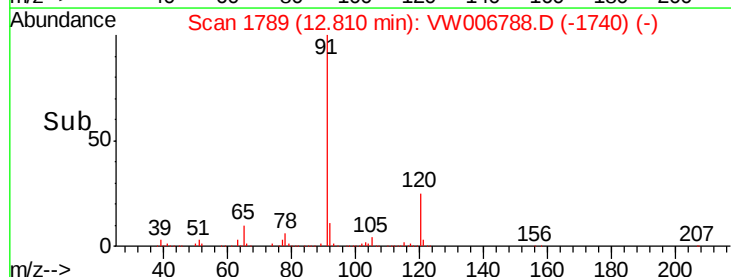
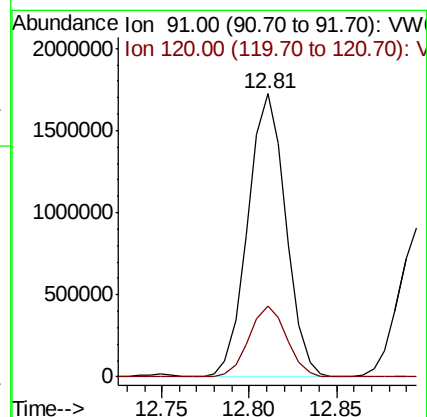
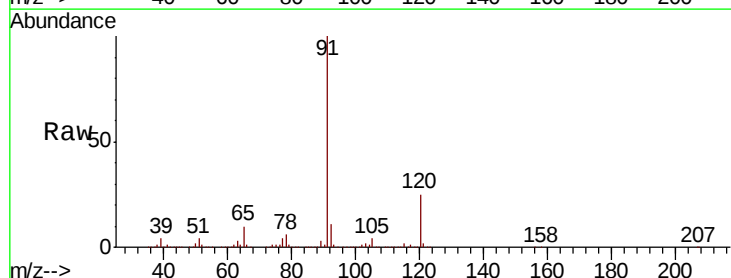
Acq: 09 Nov 2018 14:49

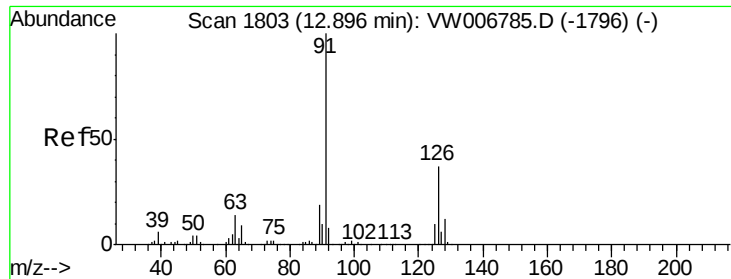
Tgt Ion: 91 Resp: 2614405

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.0





#79

2-Chlorotoluene

Concen: 143.324 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1448198

Ion Ratio Lower Upper

91 100

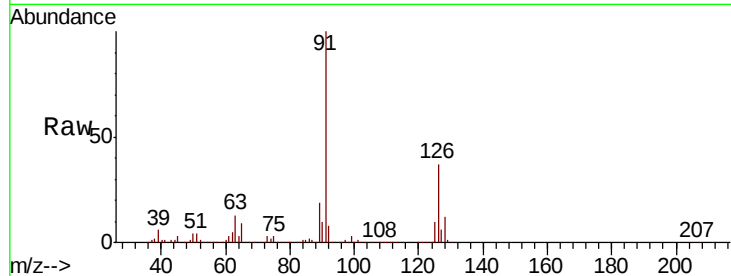
126 37.2 18.4 55.2

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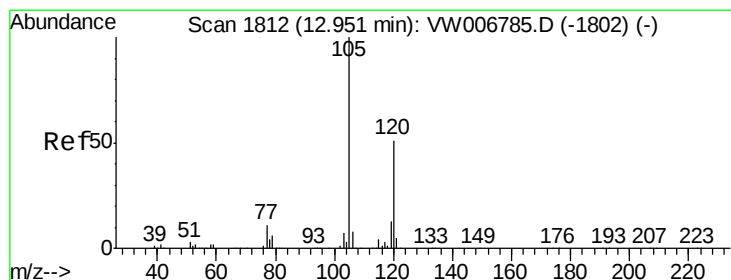
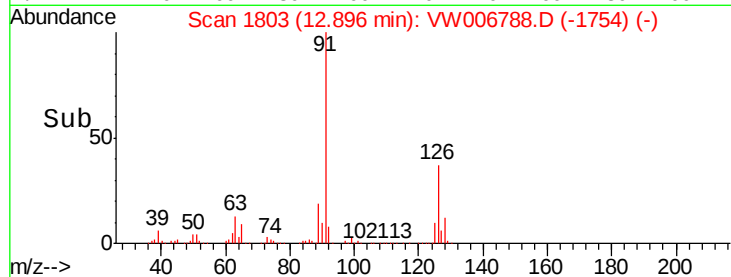
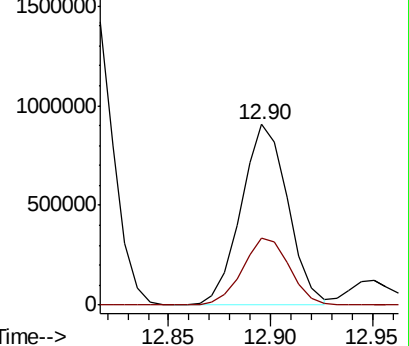
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 147.006 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006788.D

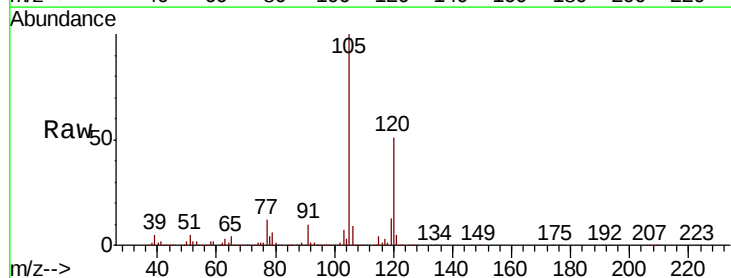
Acq: 09 Nov 2018 14:49

Tgt Ion:105 Resp: 1890466

Ion Ratio Lower Upper

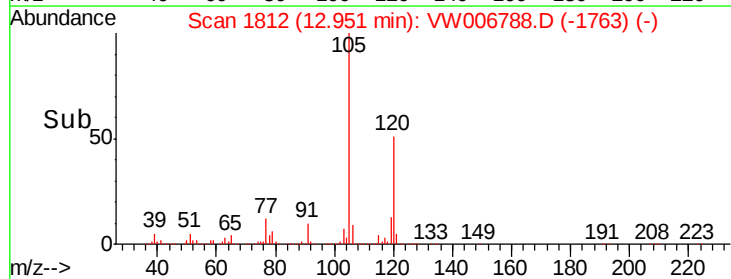
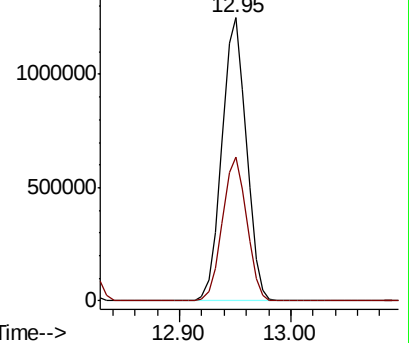
105 100

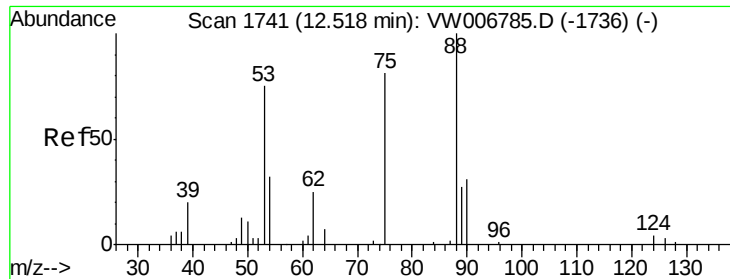
120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





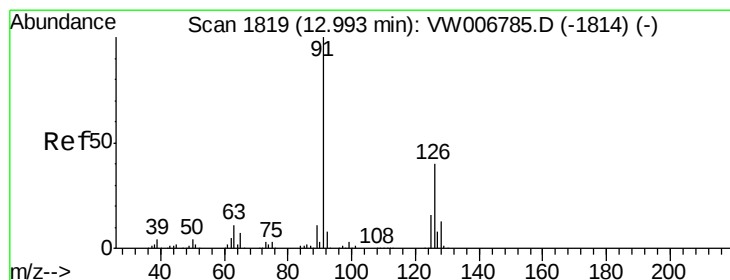
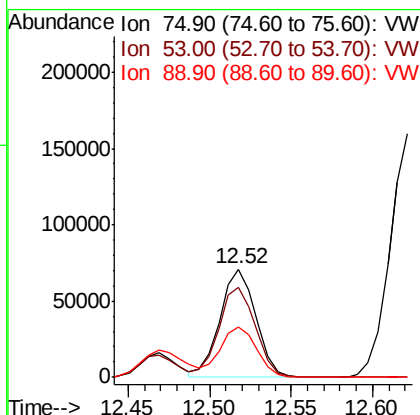
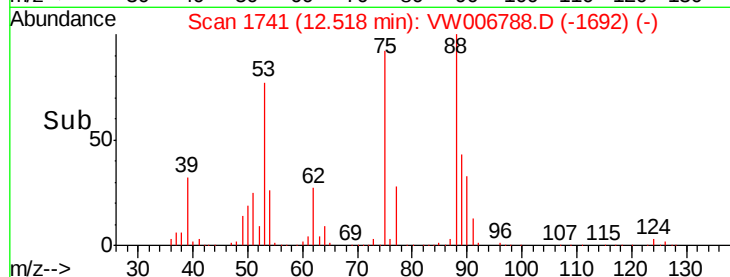
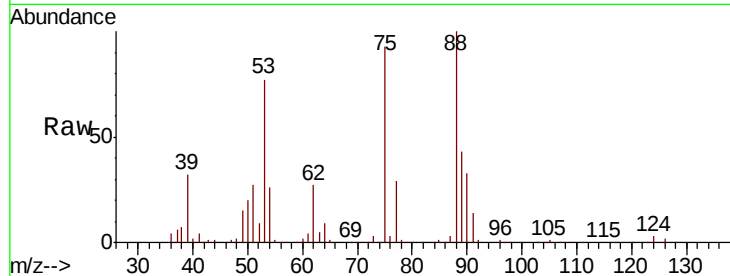
#81
trans-1,4-Dichloro-2-butene
Concen: 173.480 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	74.0	111.0
89	48.0	38.1	57.1

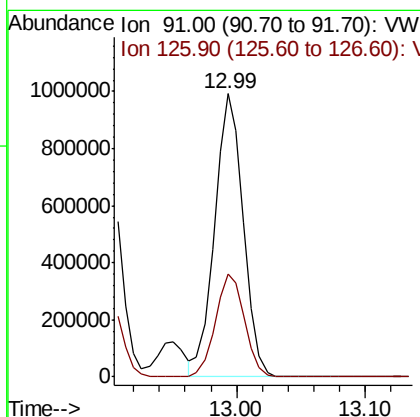
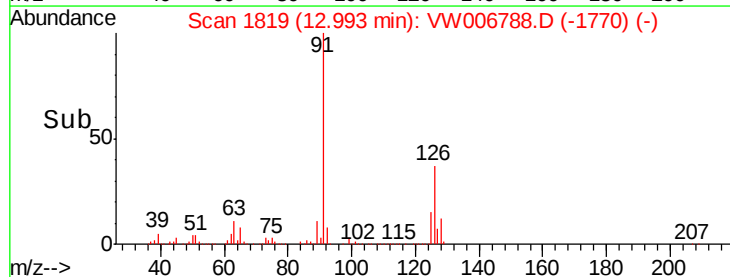
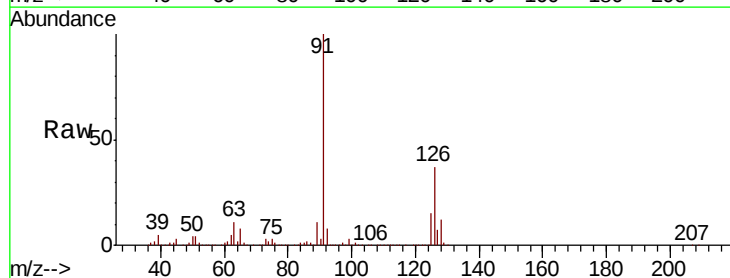
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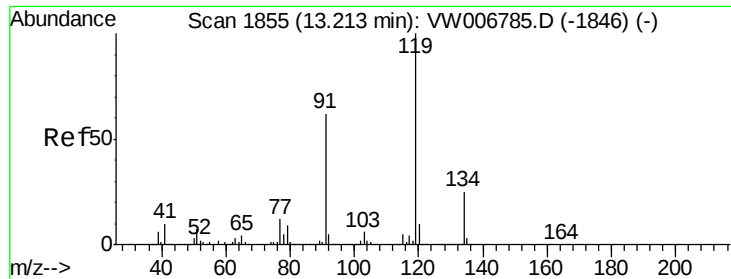
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#82
4-Chlorotoluene
Concen: 144.427 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.6	55.6





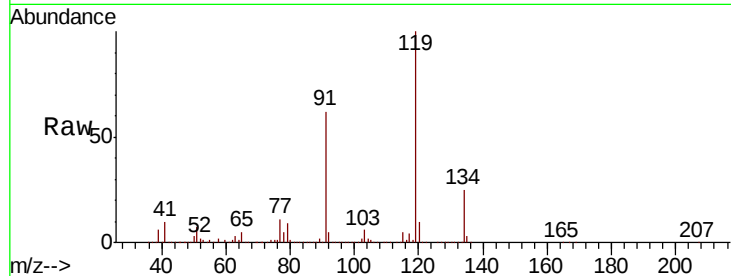
#83
tert-Butylbenzene
Concen: 146.000 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

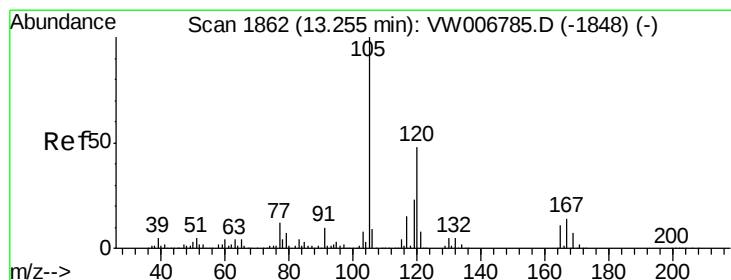
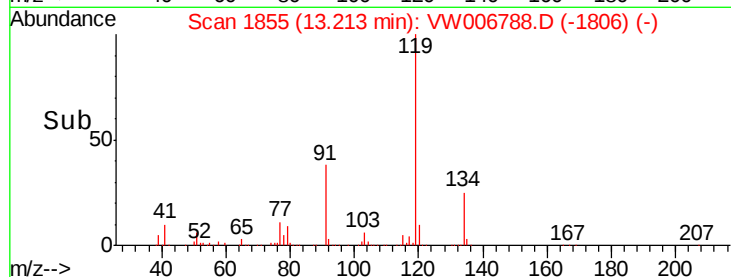
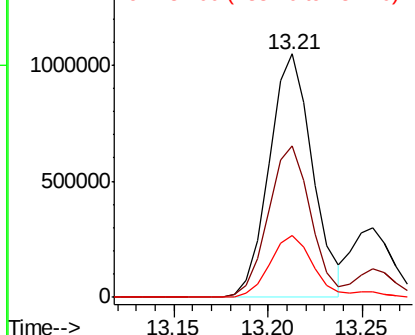
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.4	91.2
134	26.8	13.6	40.7

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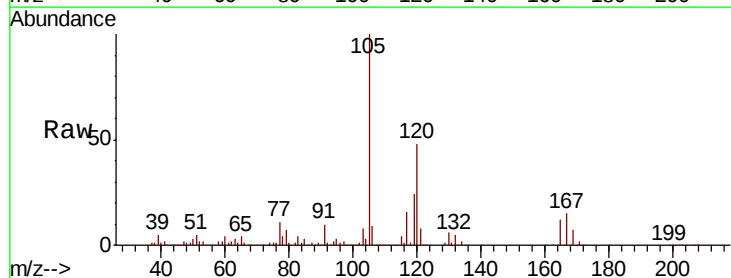


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

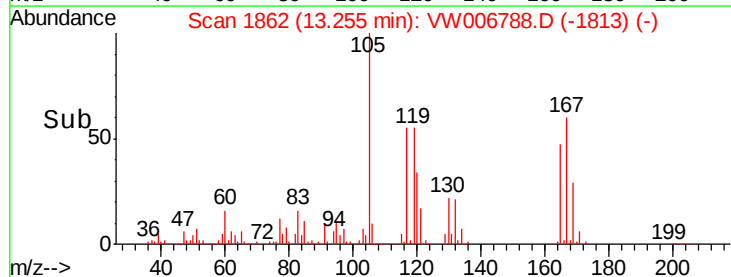
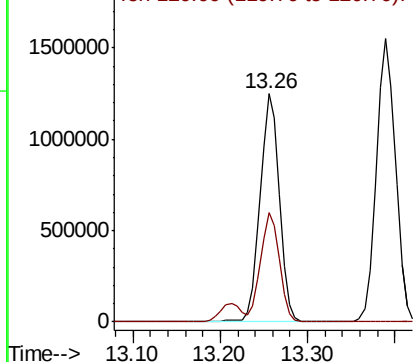


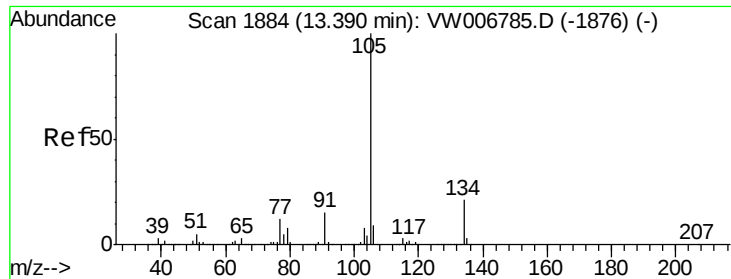
#84
1,2,4-Trimethylbenzene
Concen: 145.398 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.0



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





#85

sec-Butylbenzene

Concen: 146.200 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2348240

Ion Ratio Lower Upper

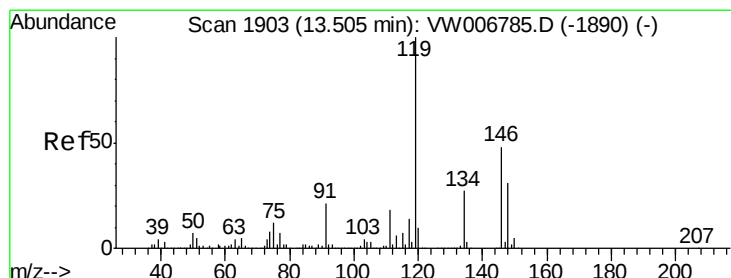
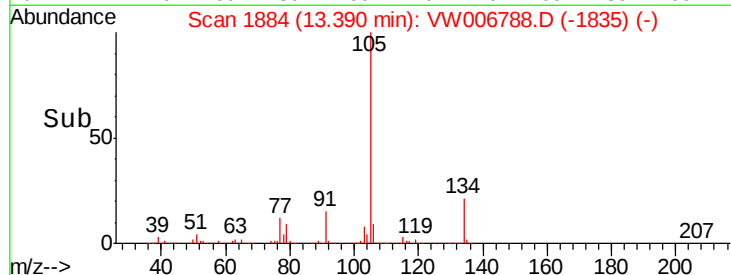
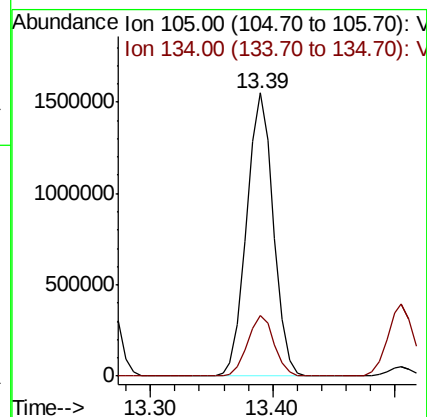
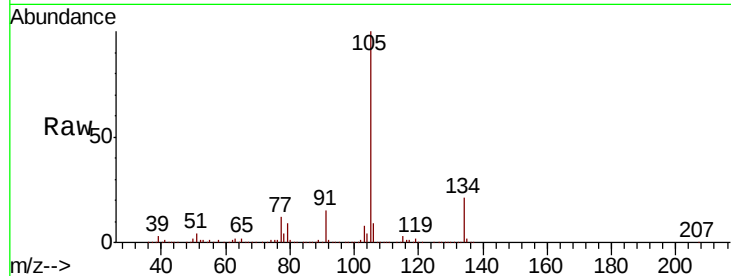
105 100

134 21.3 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 146.842 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

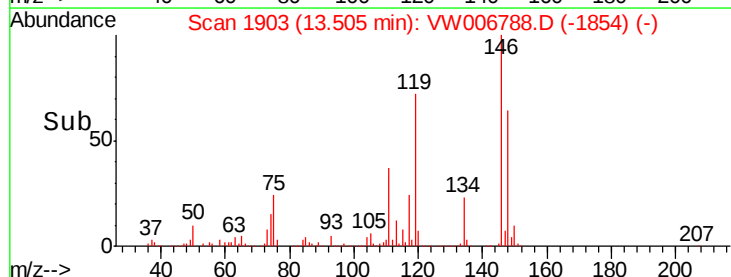
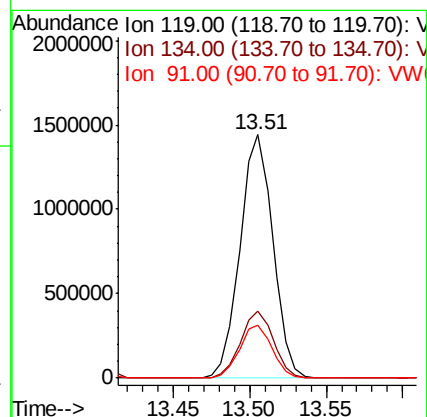
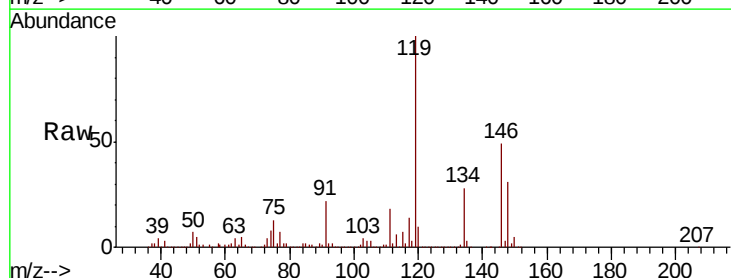
Tgt Ion:119 Resp: 2146072

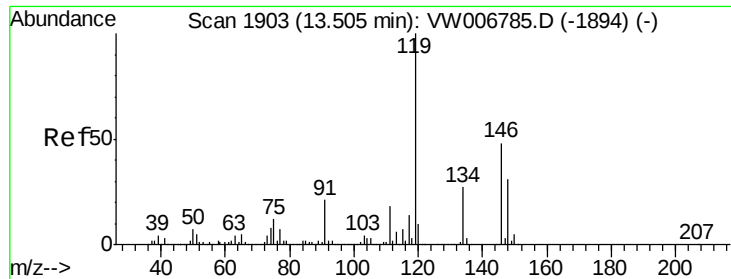
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.8 10.8 32.4





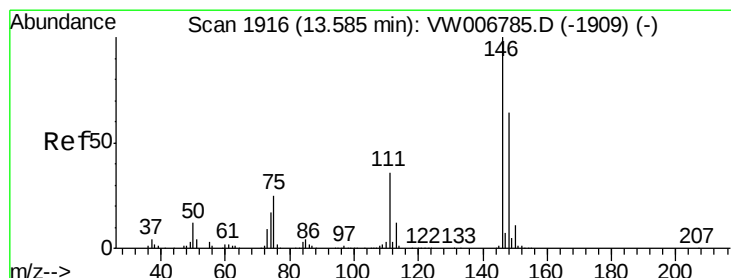
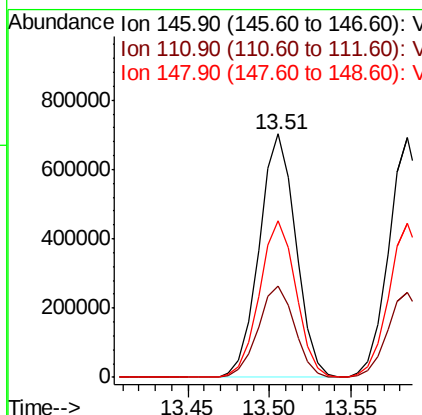
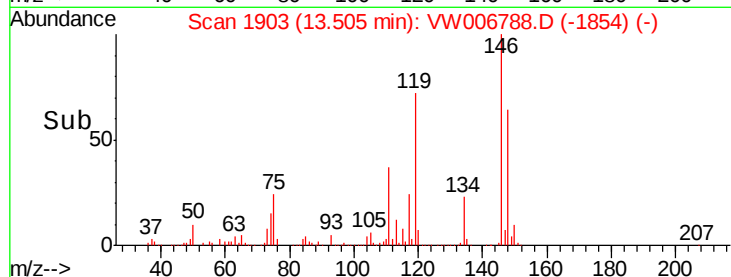
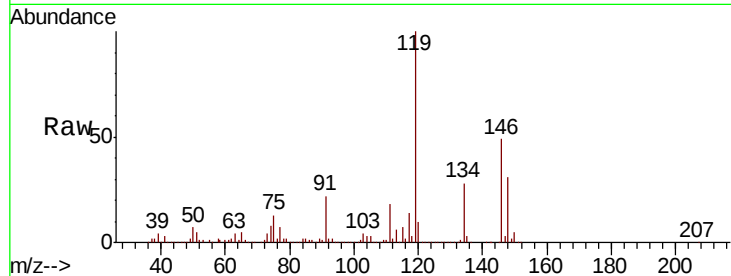
#87
 1,3-Dichlorobenzene
 Concen: 140.364 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1095542
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.0
 148 64.1 31.9 95.9

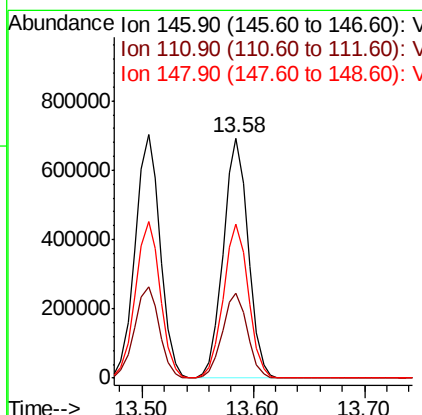
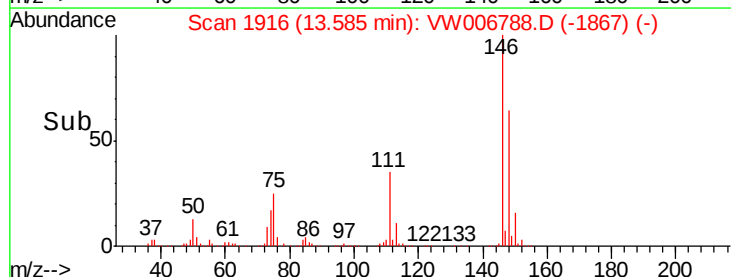
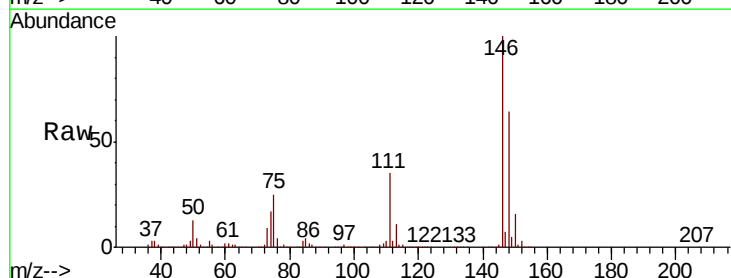
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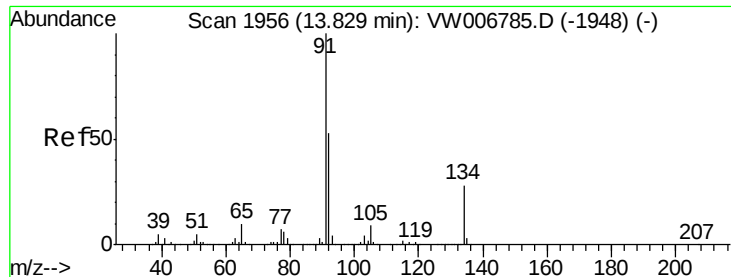
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#88
 1,4-Dichlorobenzene
 Concen: 138.063 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:146 Resp: 1068146
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.3 32.2 96.6





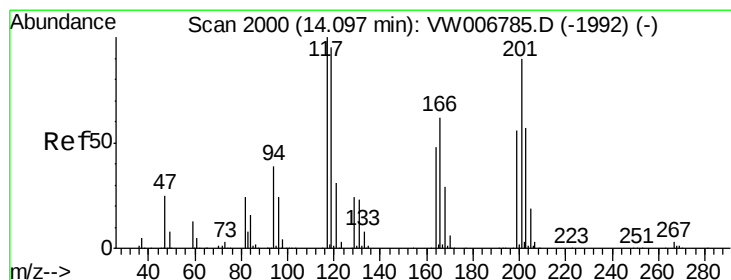
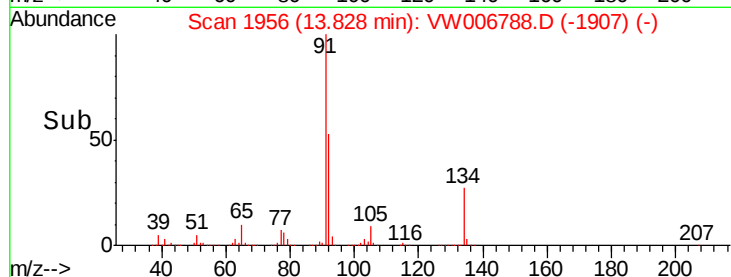
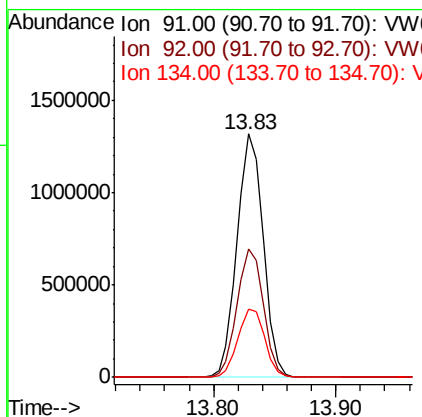
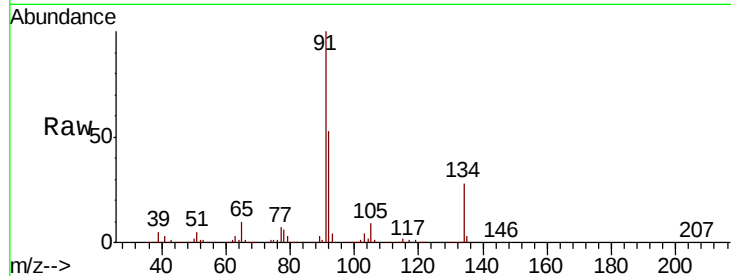
#89
n-Butylbenzene
Concen: 150.230 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.1	78.2
134	28.9	14.2	42.8

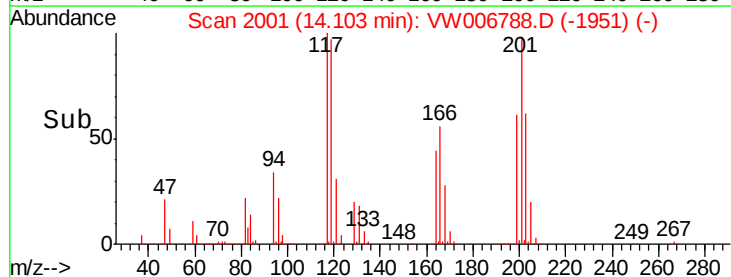
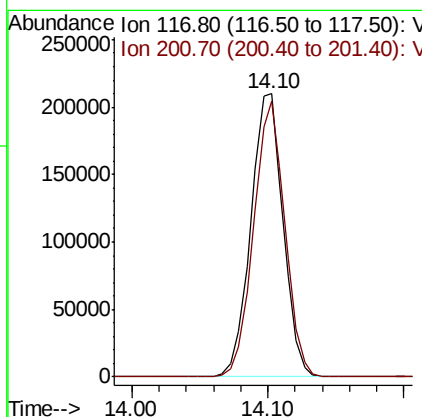
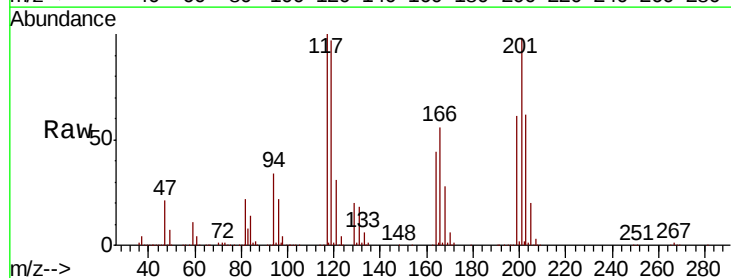
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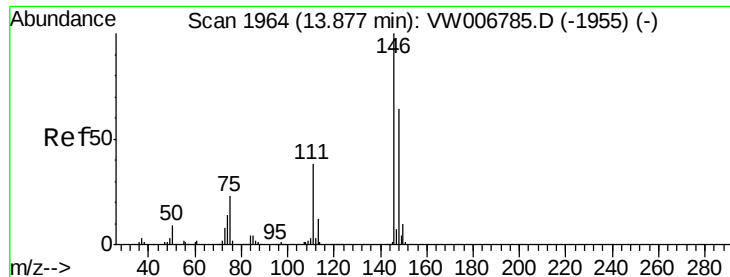
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#90
Hexachloroethane
Concen: 145.637 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	47.0	141.2





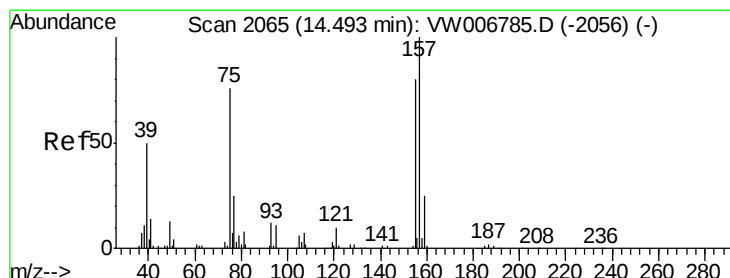
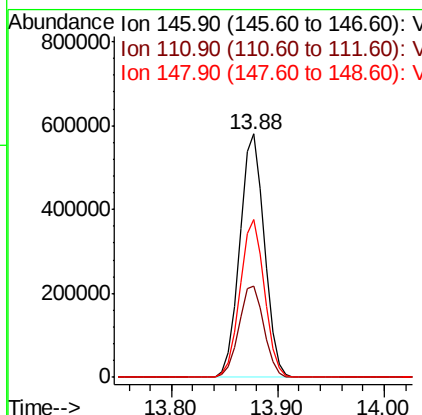
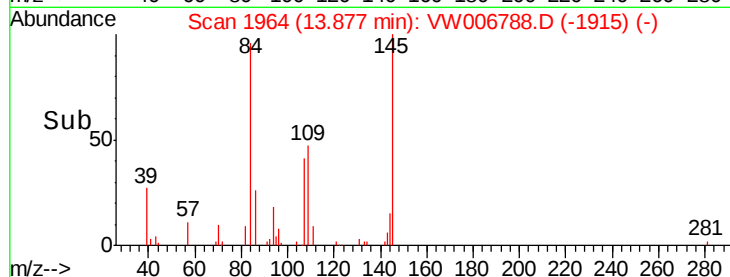
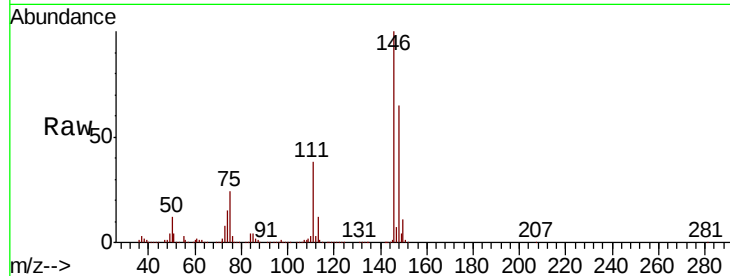
#91
 1,2-Dichlorobenzene
 Concen: 134.202 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	146	Resp:	942197
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.3
148	64.3	32.0	96.2

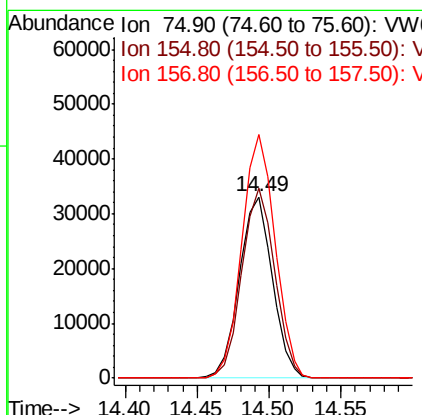
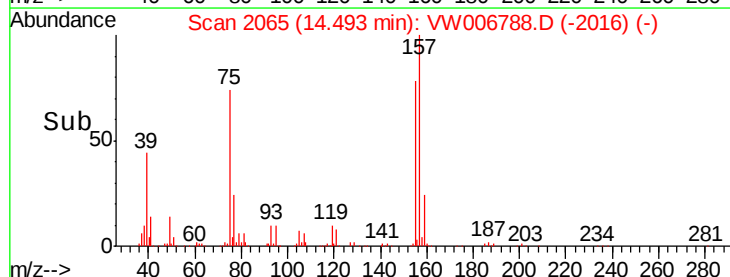
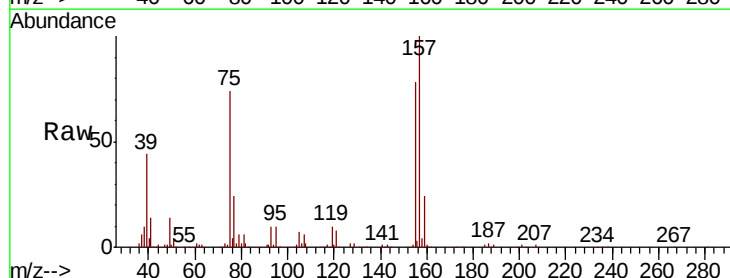
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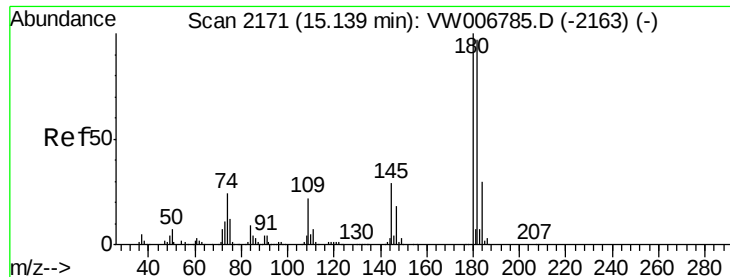
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.549 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:	75	Resp:	52782
Ion Ratio	Lower	Upper	
75	100		
155	103.7	51.0	153.1
157	134.1	65.5	196.5





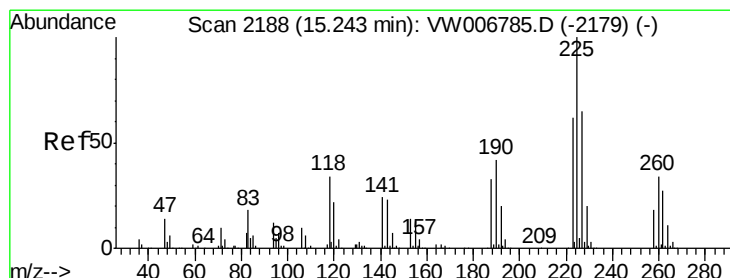
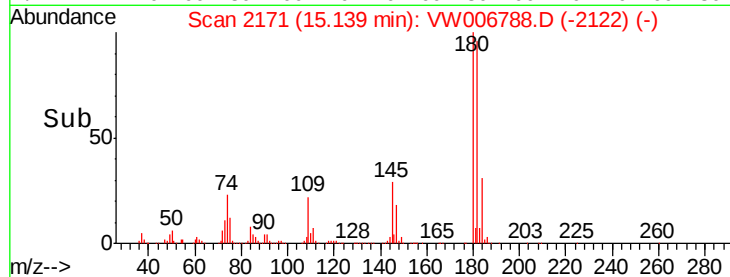
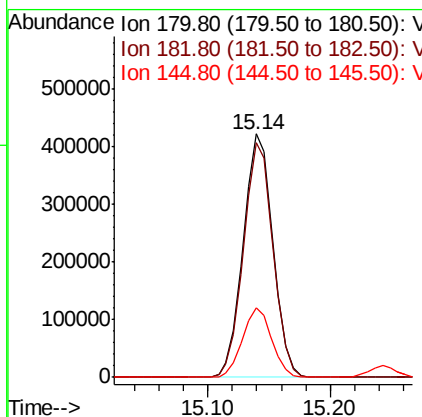
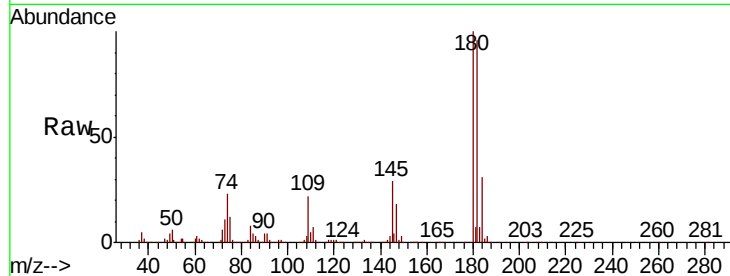
#93
 1,2,4-Trichlorobenzene
 Concen: 135.979 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.9	143.8	
145	28.1	14.1	42.3	

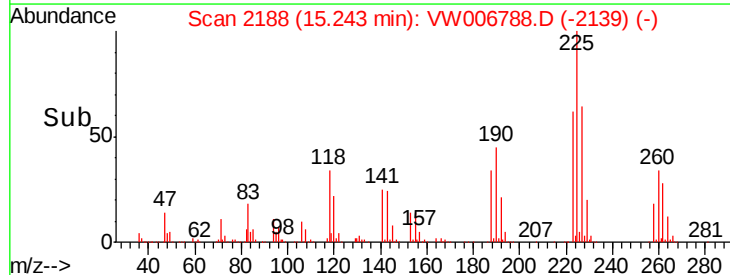
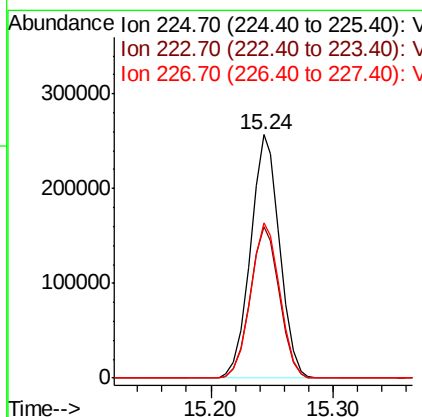
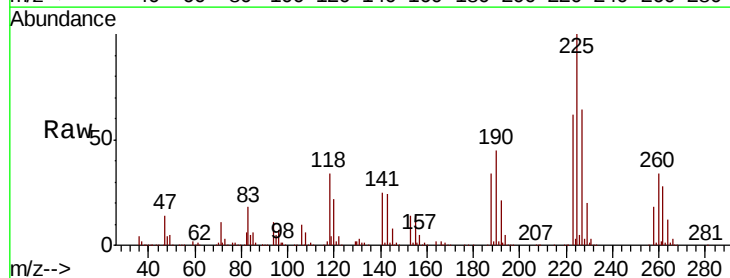
Manual Integrations
 APPROVED

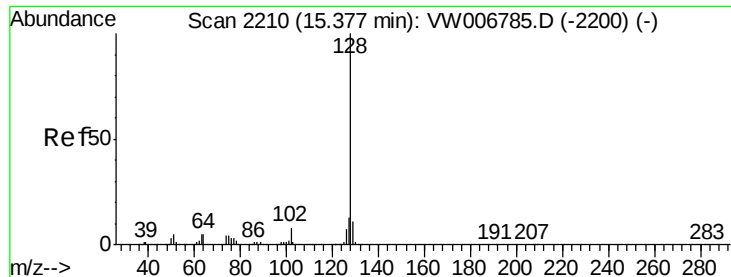
apatel
 11/12/2018 3:41:00 PM



#94
 Hexachlorobutadiene
 Concen: 130.242 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	30.9	92.5	
227	64.2	31.9	95.7	





#95

Naphthalene

Concen: 146.291 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1227428

Ion Ratio Lower Upper

128 100

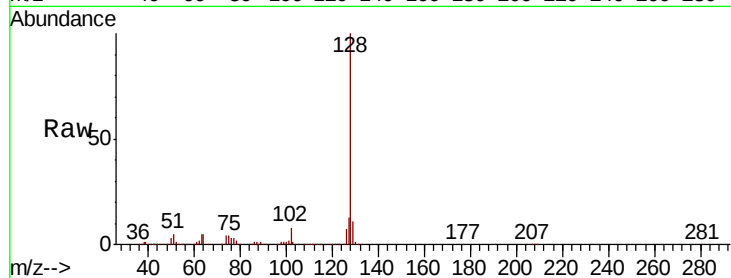
127 13.0 10.6 15.8

129 10.9 8.8 13.2

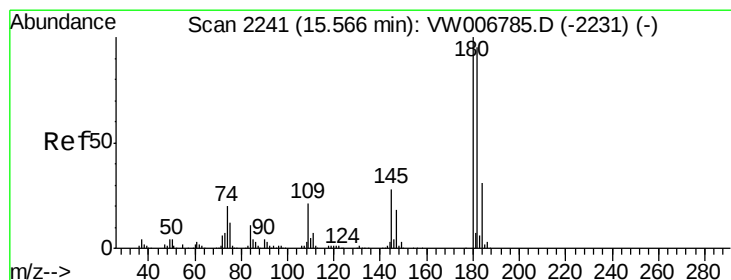
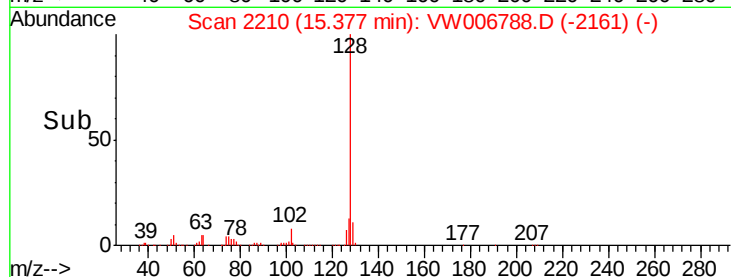
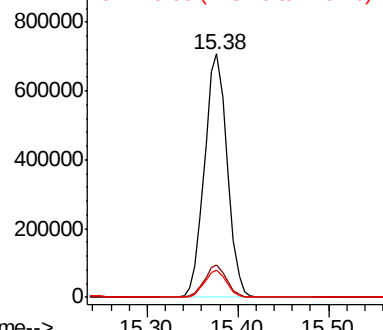
Manual Integrations
APPROVED

apatel

11/12/2018 3:41:00 PM



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



#96

1,2,3-Trichlorobenzene

Concen: 134.314 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

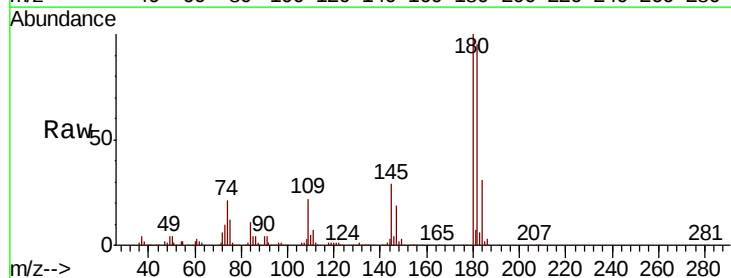
Tgt Ion:180 Resp: 616252

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 29.9 14.5 43.6



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

