

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101018\
 Data File : VW005973.D
 Acq On : 10 Oct 2018 07:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 10/10/2018 11:34:59 AM

Quant Time: Oct 10 09:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173697	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107498	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.88	113	109439	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.33	98	410310	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	155673	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	53286	49.650	ug/l	99
3) Chloromethane	2.21	50	69091	54.730	ug/l	99
4) Vinyl Chloride	2.37	62	111294	55.531	ug/l	97
5) Bromomethane	2.79	94	103027	65.135	ug/l	99
6) Chloroethane	2.93	64	81010	63.443	ug/l	100
7) Trichlorofluoromethane	3.26	101	86244	54.211	ug/l	99
8) Diethyl Ether	3.68	74	56073	57.270	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100378	49.997	ug/l	100
10) Methyl Iodide	4.26	142	179800	54.761	ug/l	100
11) Tert butyl alcohol	5.22	59	38884	249.549	ug/l	96
12) 1,1-Dichloroethene	4.04	96	99247	51.478	ug/l	93
13) Acrolein	3.89	56	32375	233.158	ug/l	98
14) Allyl chloride	4.67	41	143663	43.696	ug/l	97
15) Acrylonitrile	5.38	53	114234	268.093	ug/l	100
16) Acetone	4.14	43	86725	204.217	ug/l	99
17) Carbon Disulfide	4.38	76	287402	49.308	ug/l	100
18) Methyl Acetate	4.68	43	64349	60.046	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	165947	55.326	ug/l	97
20) Methylene Chloride	4.92	84	110594	51.979	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	112448	53.513	ug/l	95
22) Diisopropyl ether	6.31	45	310015	50.441	ug/l	97
23) Vinyl Acetate	6.26	43	893935	236.312	ug/l	98
24) 1,1-Dichloroethane	6.21	63	193226	51.374	ug/l	100
25) 2-Butanone	7.18	43	147379	243.997	ug/l	95
26) 2,2-Dichloropropane	7.17	77	103227	38.997	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	129818	54.628	ug/l	93
28) Bromochloromethane	7.51	49	67705	48.767	ug/l	93
29) Tetrahydrofuran	7.54	42	99255	259.947	ug/l	95
30) Chloroform	7.68	83	207786	53.784	ug/l	98
31) Cyclohexane	7.96	56	163659	43.970	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176058	51.173	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158270	49.795	ug/l	99
37) Ethyl Acetate	7.26	43	67564	50.196	ug/l	98
38) Carbon Tetrachloride	8.07	117	165973	48.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199711	47.638	ug/l	96
40) Benzene	8.32	78	451255	51.873	ug/l	99
41) Methacrylonitrile	7.48	41	44262	52.525	ug/l	96
42) 1,2-Dichloroethane	8.40	62	137490	52.314	ug/l	99
43) Isopropyl Acetate	8.43	43	140790	50.074	ug/l	98
44) Trichloroethene	9.09	130	134731	53.379	ug/l	96
45) 1,2-Dichloropropane	9.37	63	111516	51.212	ug/l	99
46) Dibromomethane	9.46	93	65224	54.500	ug/l	98
47) Bromodichloromethane	9.65	83	154607	51.337	ug/l	99
48) Methyl methacrylate	9.44	41	67028	50.044	ug/l	92
49) 1,4-Dioxane	9.48	88	21664	1191.729	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	359623	262.658	ug/l	98
52) Toluene	10.39	92	299079	52.332	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	148899	47.311	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	169272	47.846	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	91013	54.905	ug/l	98
56) Ethyl methacrylate	10.65	69	119027	53.276	ug/l	96
57) 1,3-Dichloropropane	10.93	76	150332	53.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	236021	259.630	ug/l	98
59) 2-Hexanone	10.97	43	244903	249.464	ug/l	96
60) Dibromochloromethane	11.13	129	113989	53.289	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92060	55.578	ug/l	99
64) Tetrachloroethene	10.87	164	135228	58.888	ug/l	99
65) Chlorobenzene	11.66	112	342955	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	126970	52.459	ug/l	99
67) Ethyl Benzene	11.74	91	590696	50.645	ug/l	97
68) m/p-Xylenes	11.84	106	469831	103.078	ug/l	98
69) o-Xylene	12.17	106	227255	52.079	ug/l	98
70) Styrene	12.18	104	380929	52.614	ug/l	99
71) Bromoform	12.35	173	74571	51.723	ug/l #	100
73) Isopropylbenzene	12.47	105	627933	49.501	ug/l	100
74) N-amyl acetate	12.27	43	138395	45.937	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110019	52.914	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81722m	52.670	ug/l	
77) Bromobenzene	12.75	156	160577	53.429	ug/l	94
78) n-propylbenzene	12.81	91	728128	48.795	ug/l	100
79) 2-Chlorotoluene	12.90	91	417859	49.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	532057	49.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28953	39.394	ug/l	96
82) 4-Chlorotoluene	12.99	91	442129	49.886	ug/l	97
83) tert-Butylbenzene	13.21	119	474310	49.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	545488	50.494	ug/l	99
85) sec-Butylbenzene	13.39	105	663710	49.639	ug/l	100
86) p-Isopropyltoluene	13.51	119	599987	49.899	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	315946	52.915	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	311415	52.486	ug/l	99
89) n-Butylbenzene	13.83	91	545931	48.167	ug/l	99
90) Hexachloroethane	14.10	117	105546	46.672	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	287264	54.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19127	49.362	ug/l	94

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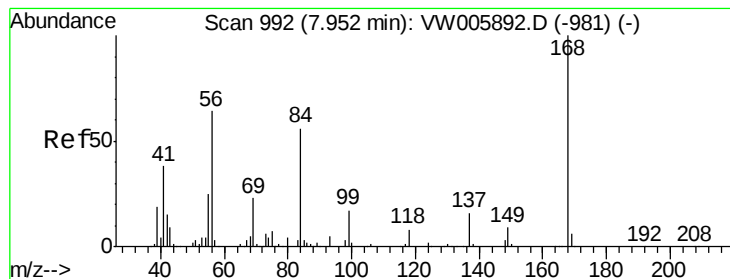
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	211704	51.506	ug/l	99
94) Hexachlorobutadiene	15.24	225	124219	48.418	ug/l	100
95) Naphthalene	15.38	128	391379	55.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	189847	53.343	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 219009

Ion Ratio Lower Upper

168 100

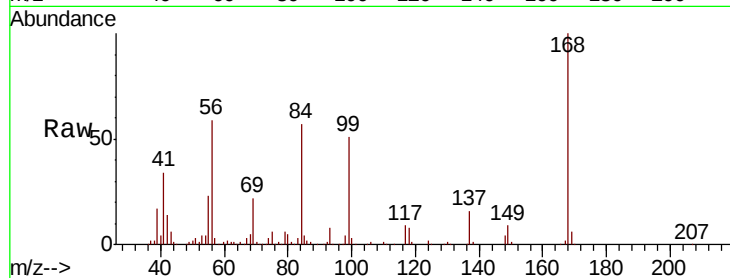
99 51.0 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

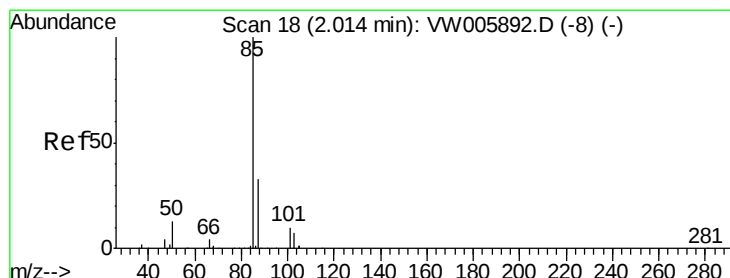
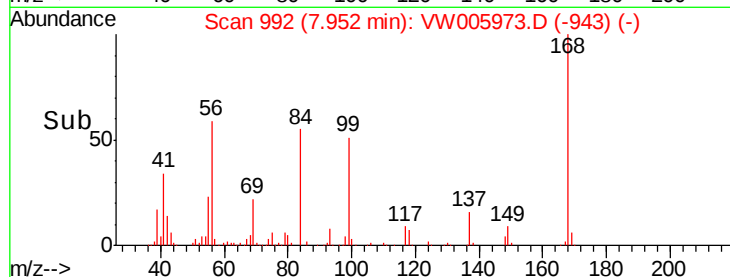
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.650 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005973.D

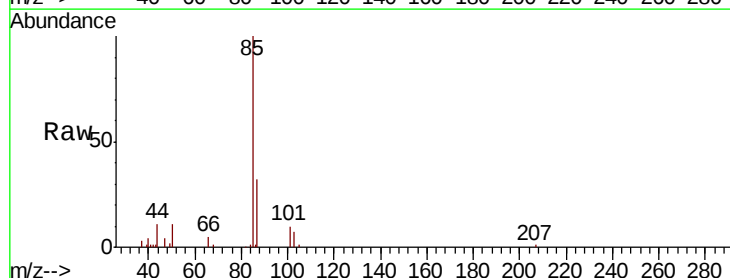
Acq: 10 Oct 2018 07:51

Tgt Ion: 85 Resp: 53286

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

15000

10000

5000

0

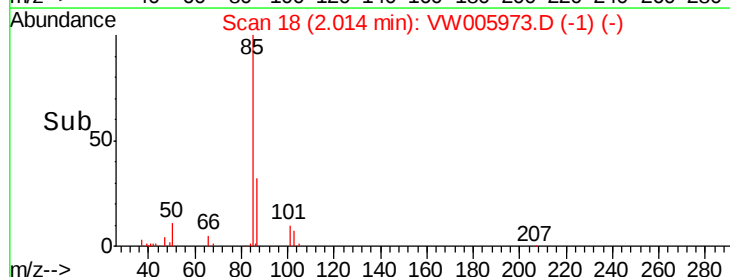
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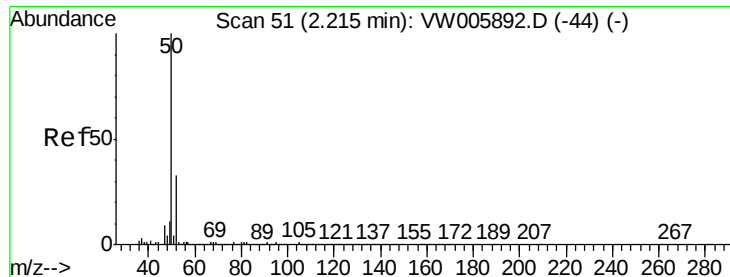
2.00

2.10

2.20

Time-->





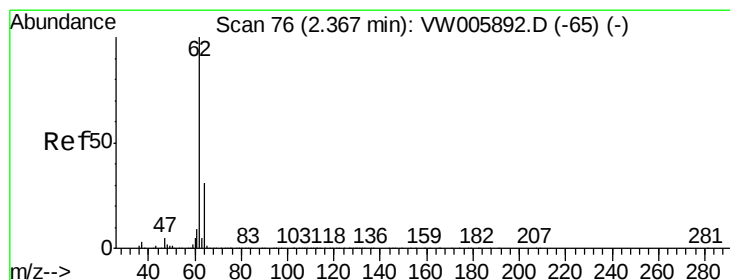
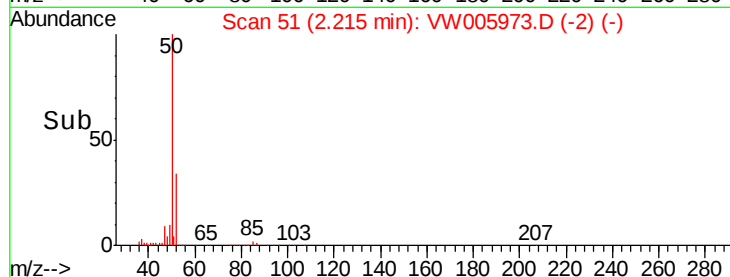
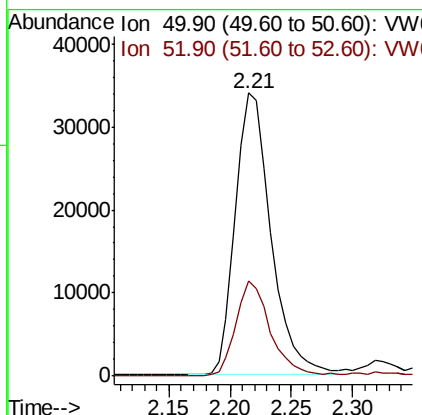
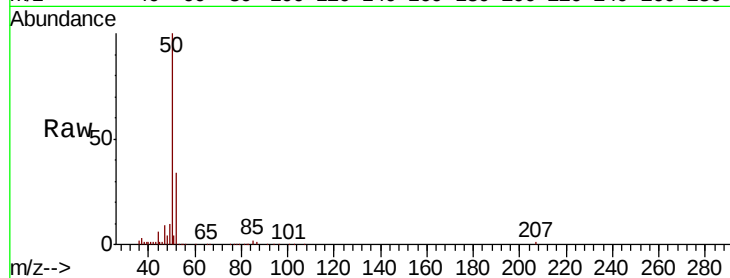
#3
Chloromethane
Concen: 54.730 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.7	40.1

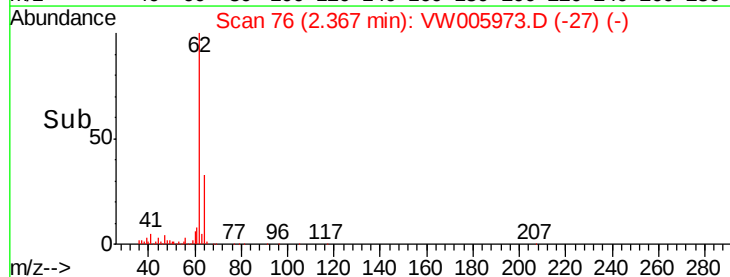
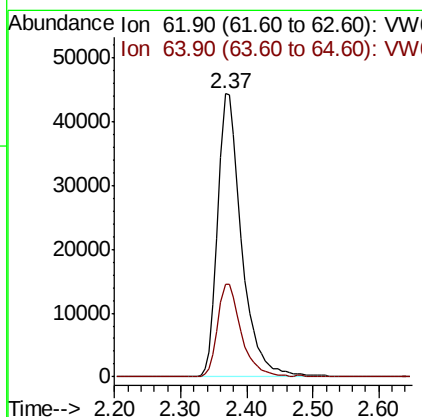
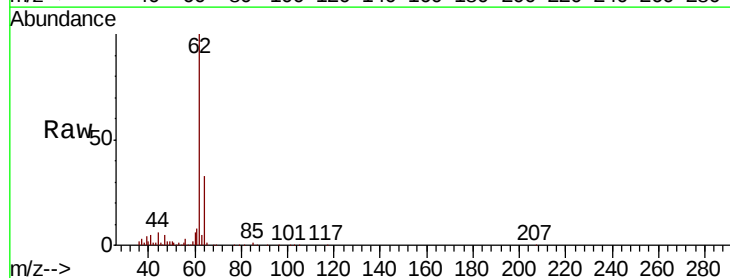
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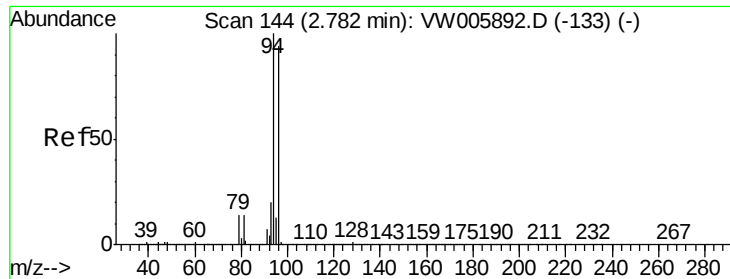
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#4
Vinyl Chloride
Concen: 55.531 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.6	36.8





#5

Bromomethane

Concen: 65.135 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103027

Ion Ratio Lower Upper

94 100

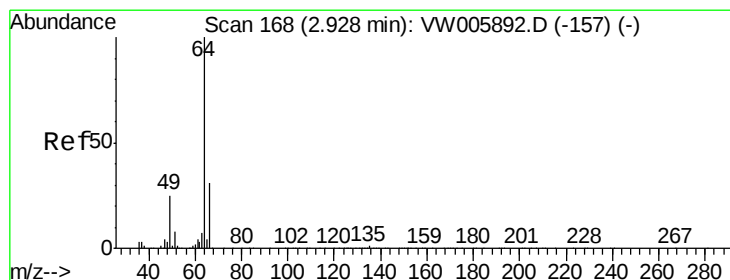
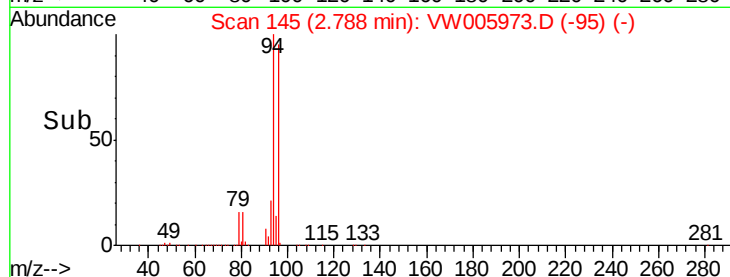
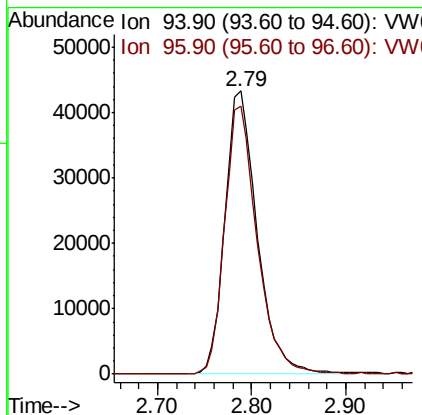
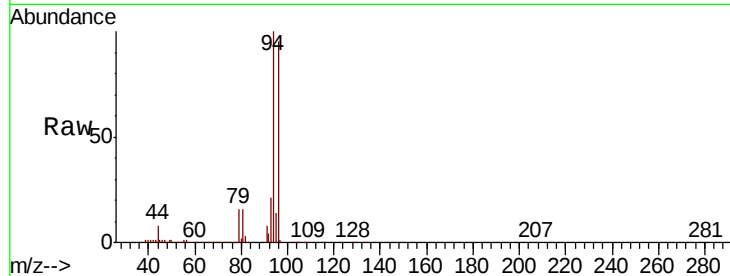
96 94.6 75.0 112.4

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#6

Chloroethane

Concen: 63.443 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005973.D

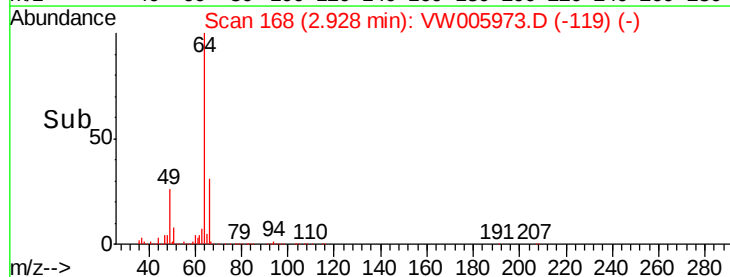
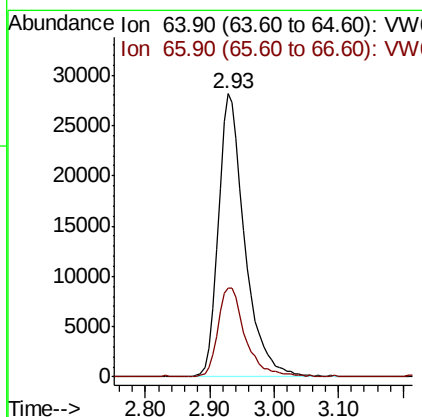
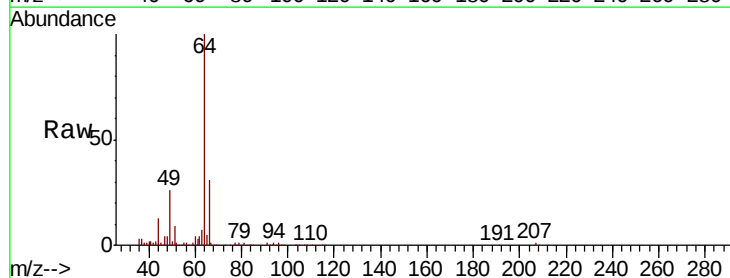
Acq: 10 Oct 2018 07:51

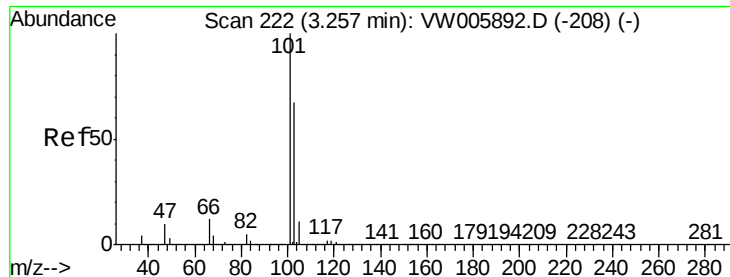
Tgt Ion: 64 Resp: 81010

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4





#7

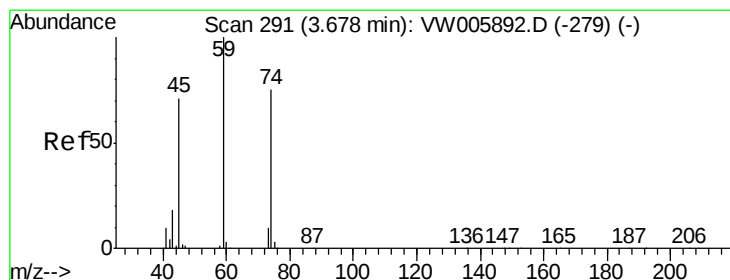
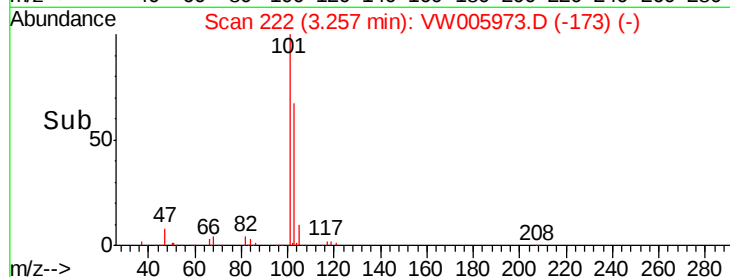
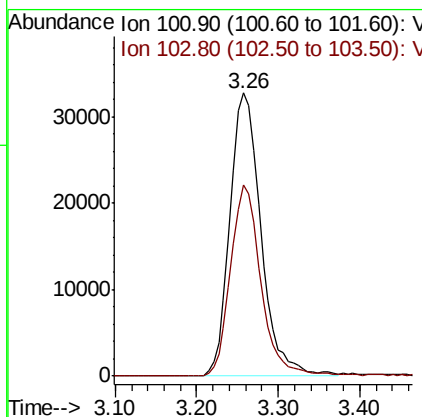
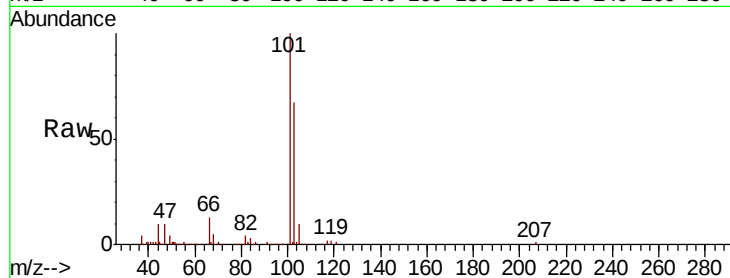
Trichlorofluoromethane
 Concen: 54.211 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	53.5	80.3

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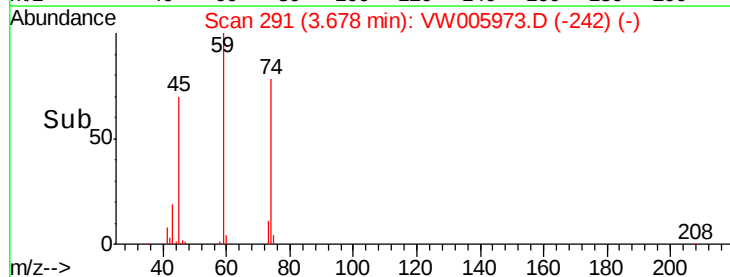
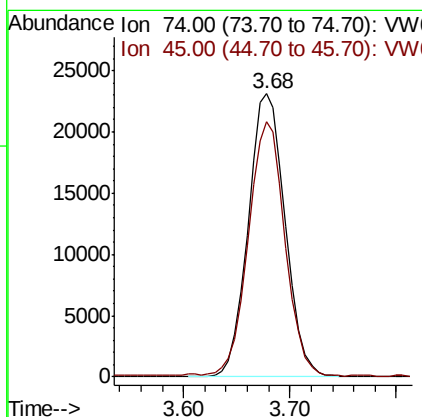
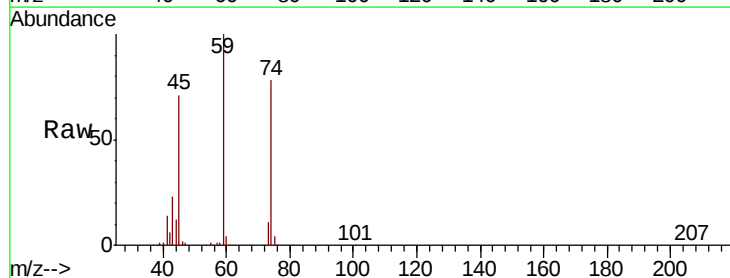
apatel
 10/10/2018 11:34:59 AM

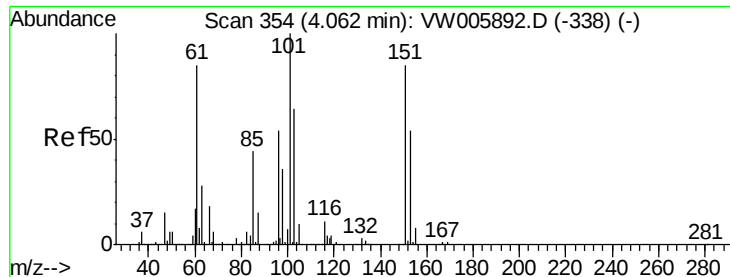


#8

Diethyl Ether
 Concen: 57.270 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.1	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.997 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

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MSVOA_W

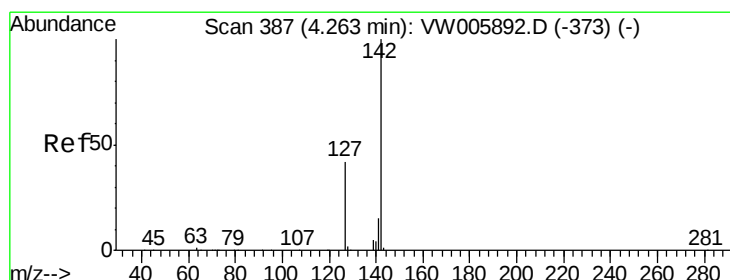
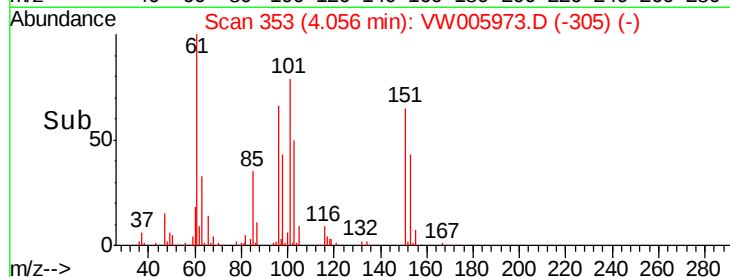
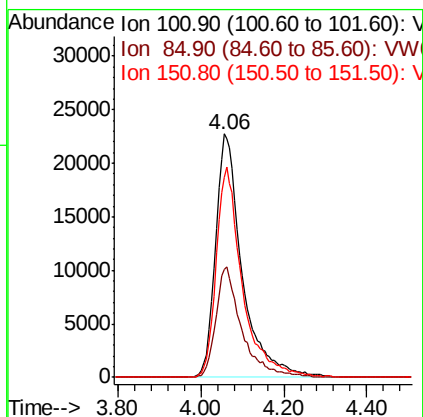
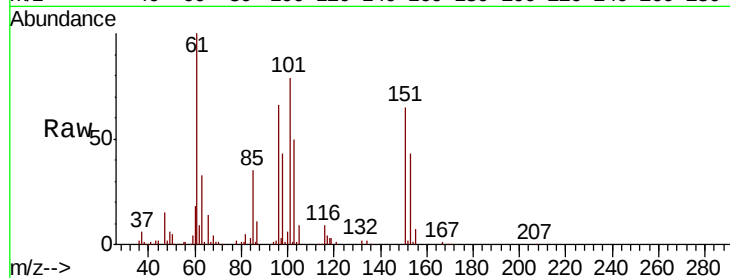
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	100378
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	84.7	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 54.761 ug/l

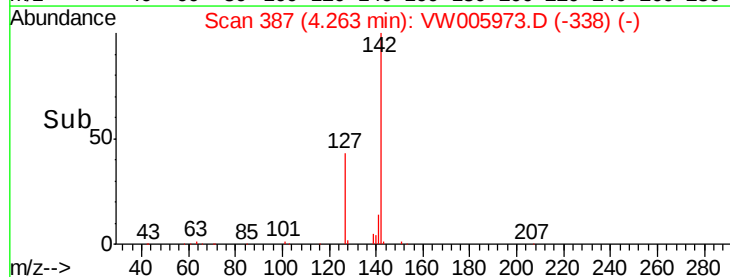
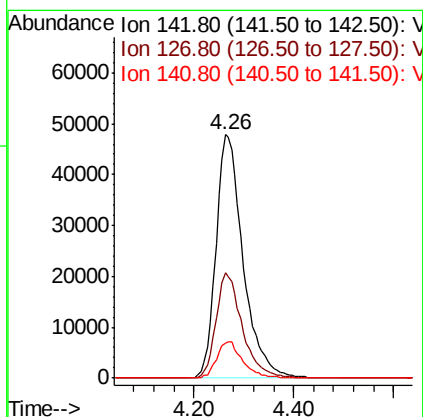
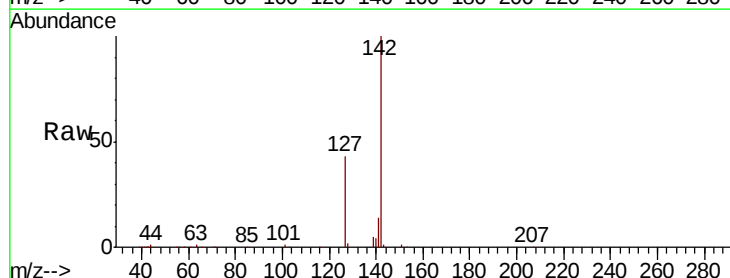
RT: 4.26 min Scan# 387

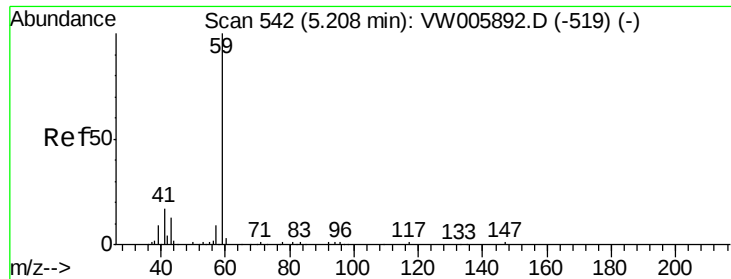
Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Tgt Ion:	142	Resp:	179800
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.5	11.5	17.3





#11

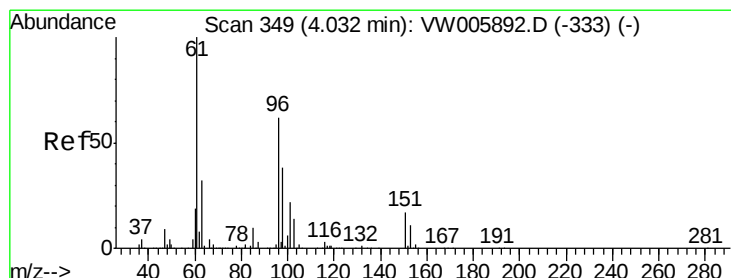
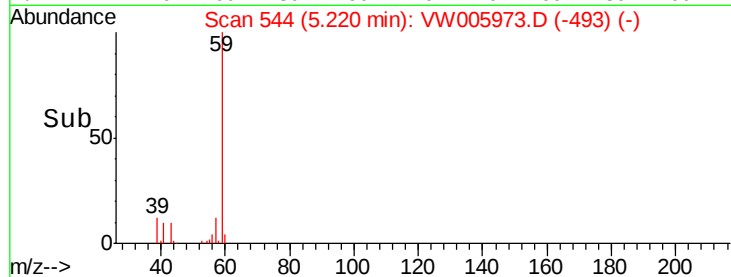
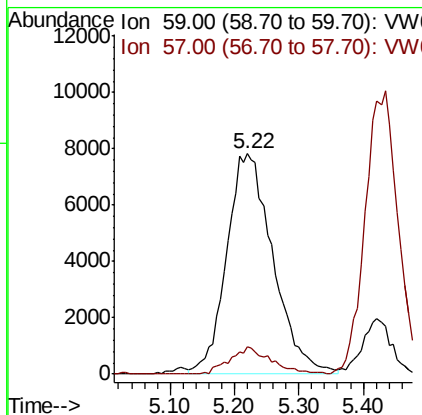
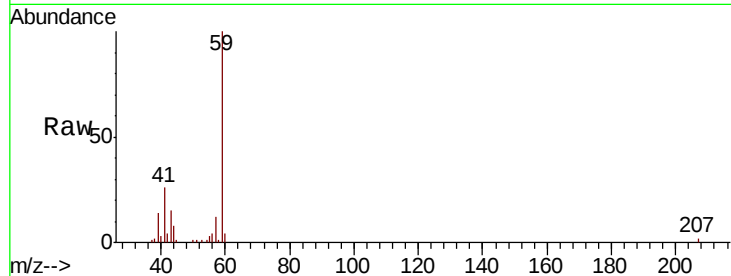
Tert butyl alcohol
 Concen: 249.549 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	38884
Ion Ratio	100	Lower	Upper
57	11.2	7.7	11.5

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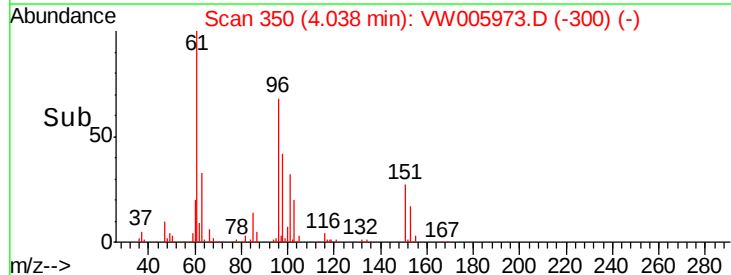
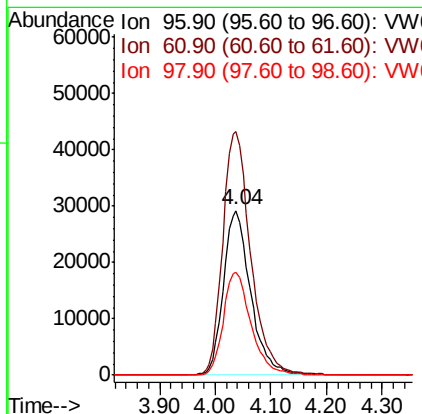
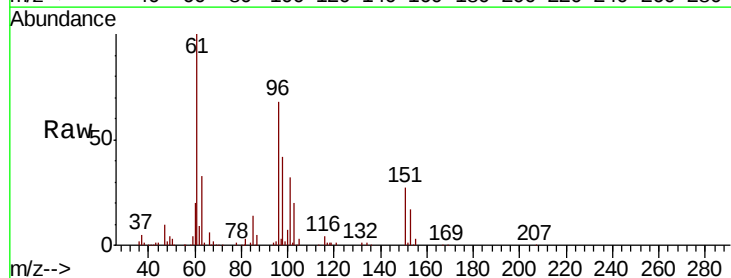
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#12

1,1-Dichloroethene
 Concen: 51.478 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	96	Resp	99247
Ion Ratio	100	Lower	Upper
61	147.7	128.6	193.0
98	62.2	49.4	74.0





#13

Acrolein

Concen: 233.158 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 32375

Ion Ratio Lower Upper

56 100

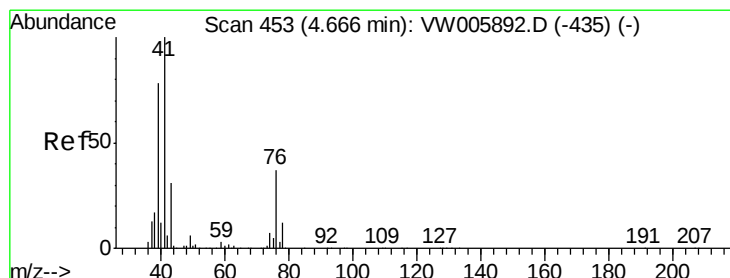
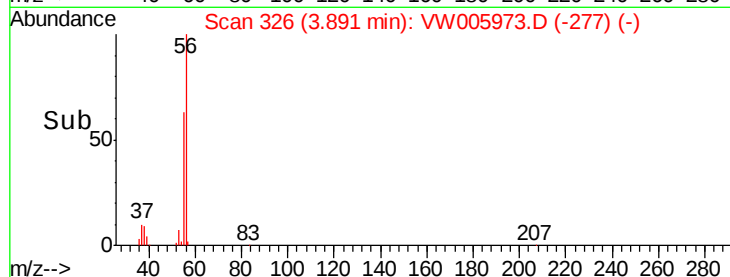
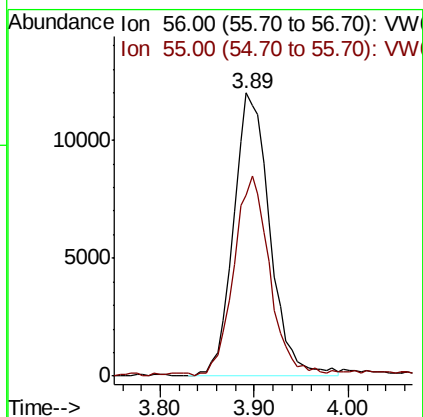
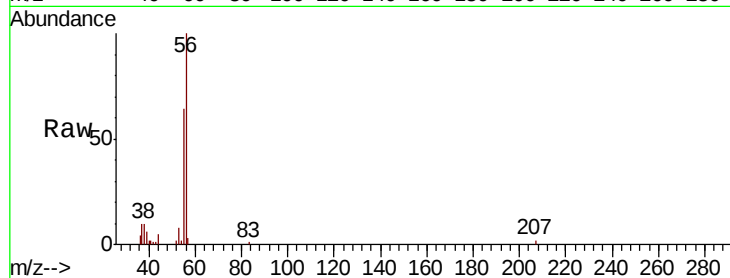
55 70.2 54.6 82.0

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#14

Allyl chloride

Concen: 43.696 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

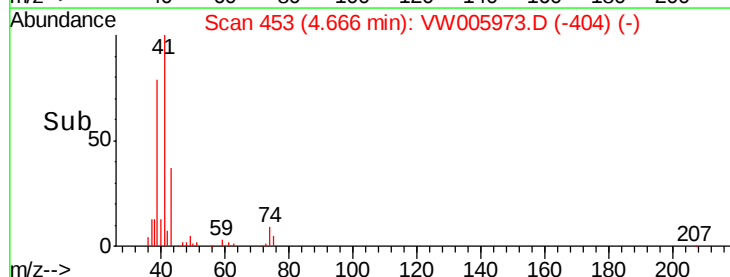
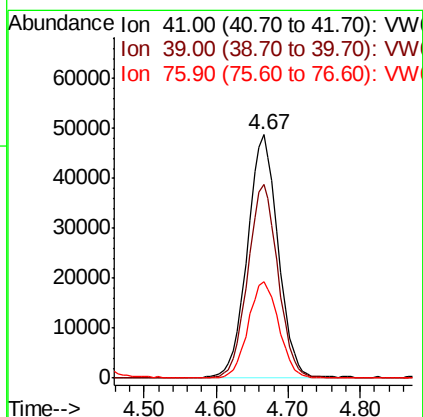
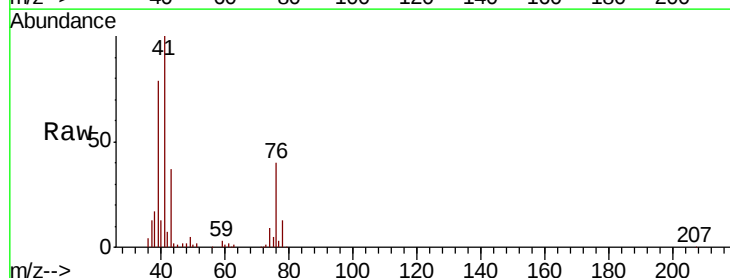
Tgt Ion: 41 Resp: 143663

Ion Ratio Lower Upper

41 100

39 78.6 60.8 91.2

76 39.4 29.6 44.4





#15

Acrylonitrile

Concen: 268.093 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

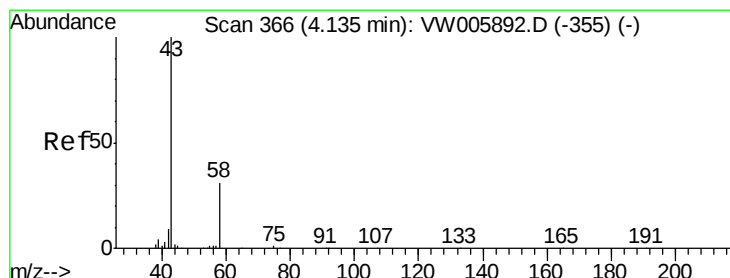
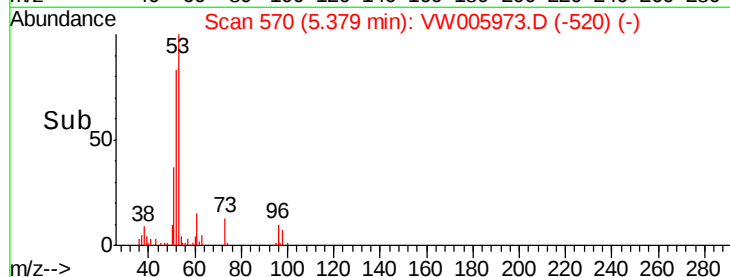
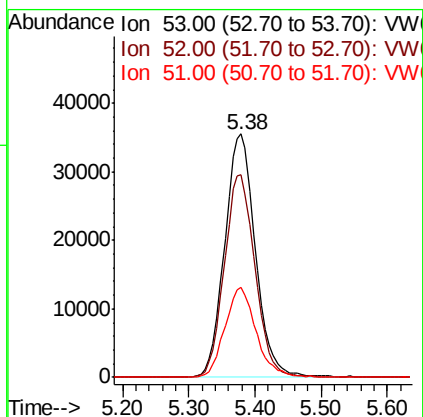
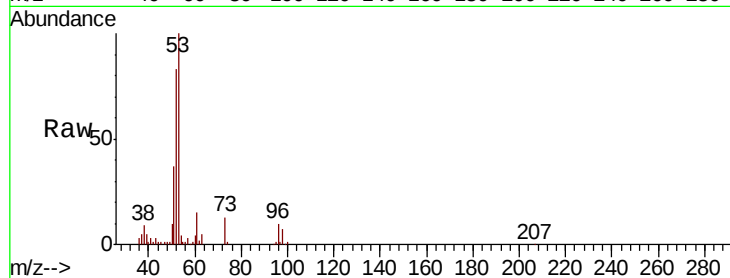
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	114234
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	37.6	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 204.217 ug/l

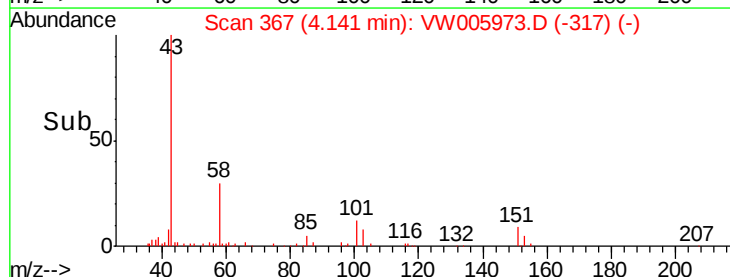
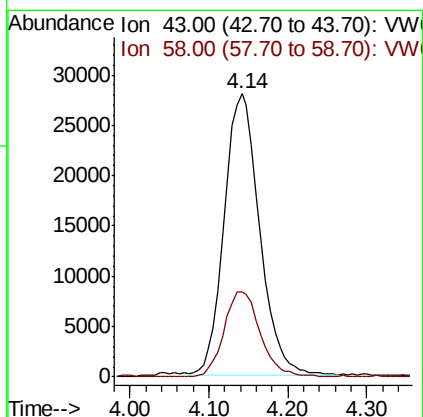
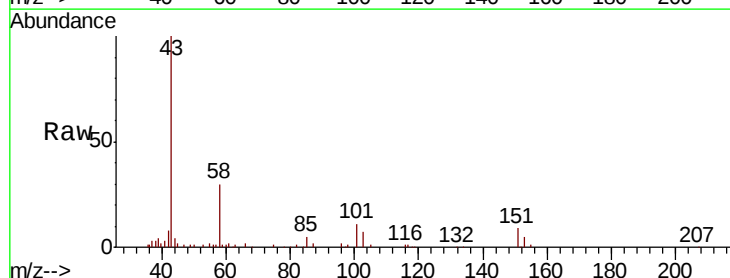
RT: 4.14 min Scan# 367

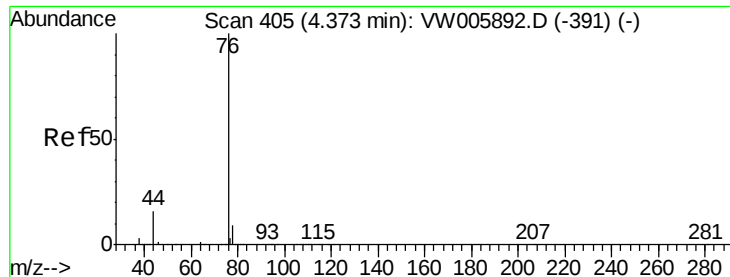
Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Tgt Ion:	43	Resp:	86725
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.7	37.1





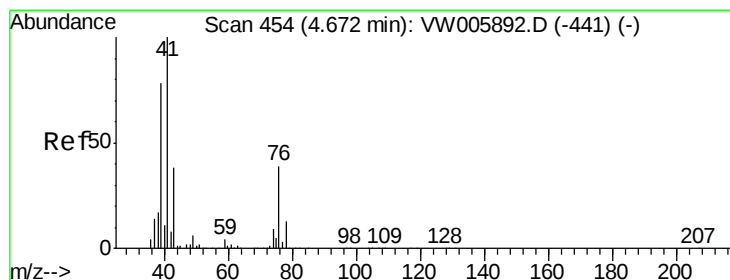
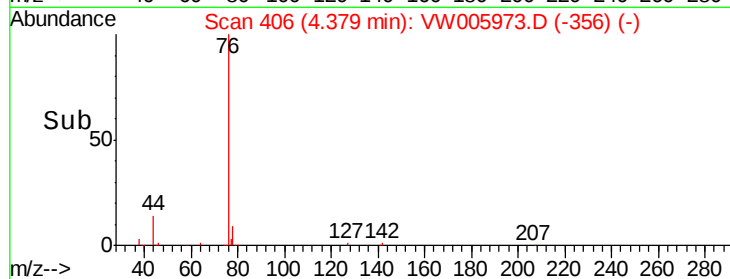
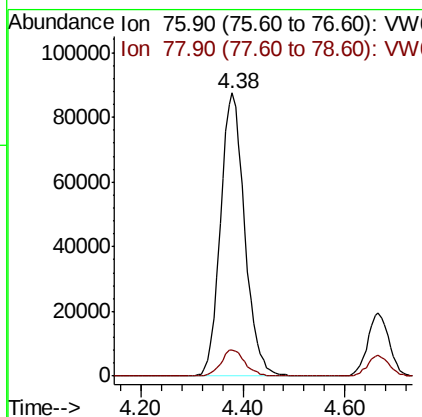
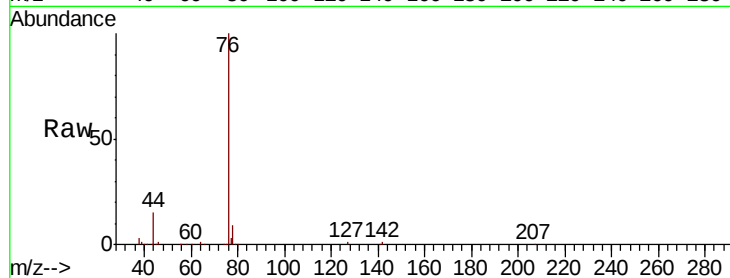
#17
Carbon Disulfide
Concen: 49.308 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

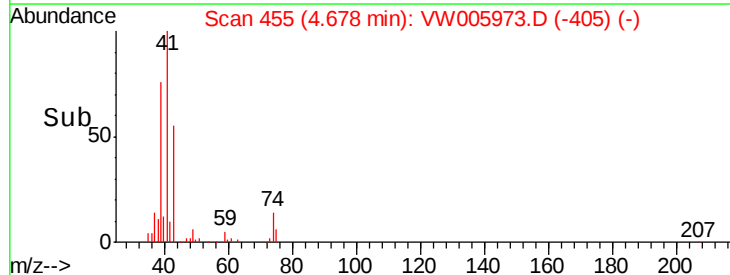
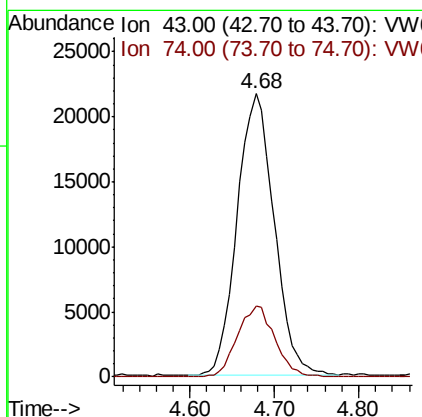
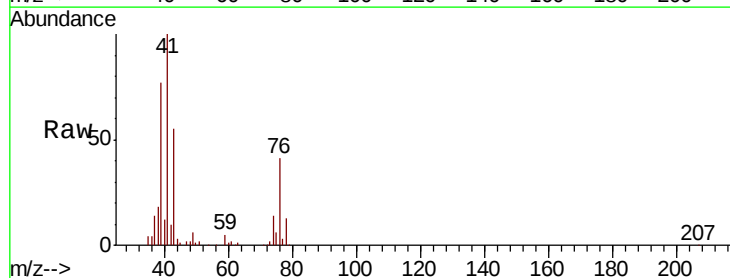
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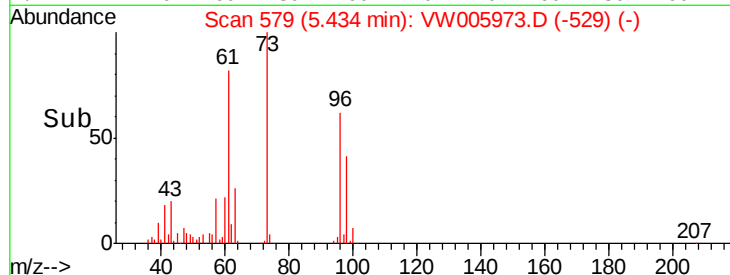
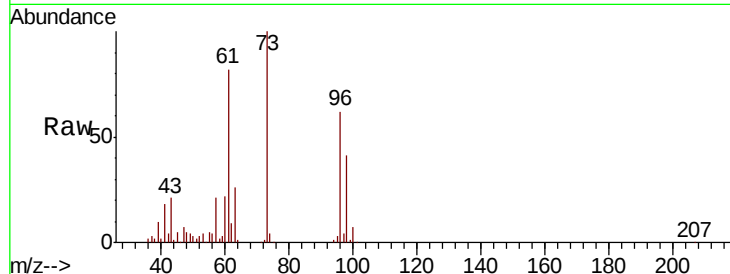
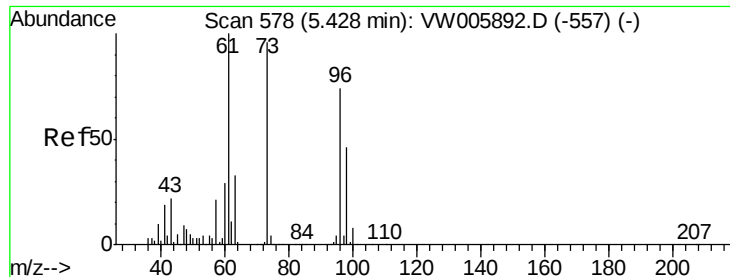
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#18
Methyl Acetate
Concen: 60.046 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.2	28.8





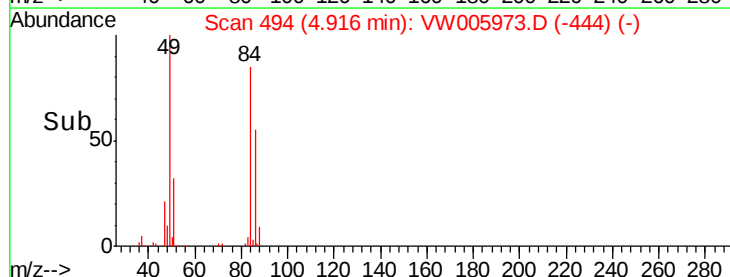
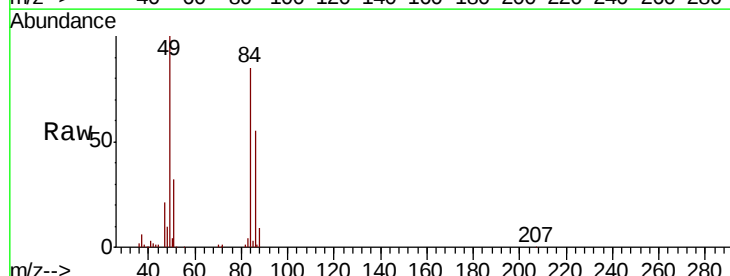
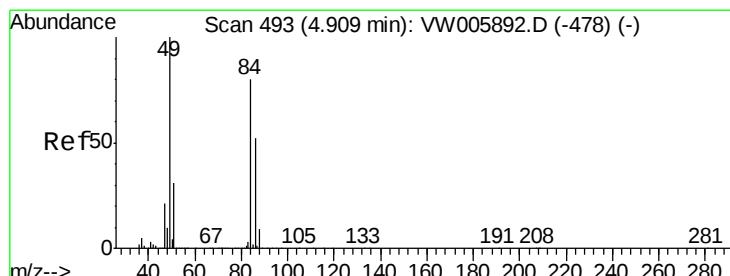
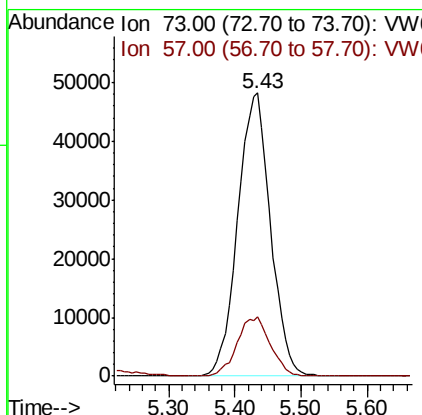
#19
Methyl tert-butyl Ether
Concen: 55.326 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tot Ion: 73 Resp: 165947
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

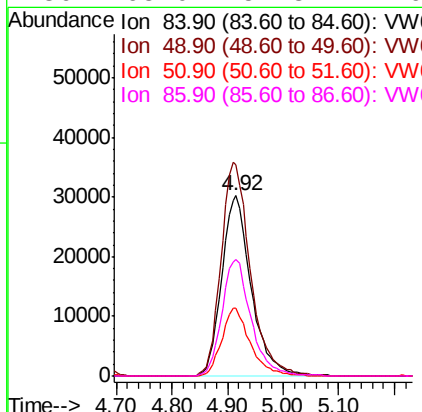
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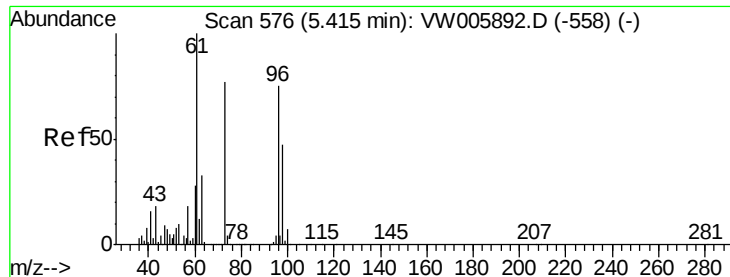
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#20
Methylene Chloride
Concen: 51.979 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion: 84 Resp: 110594
Ion Ratio Lower Upper
84 100
49 117.4 99.9 149.9
51 37.7 31.1 46.7
86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 53.513 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 112448

Ion Ratio Lower Upper

96 100

61 126.9 107.4 161.0

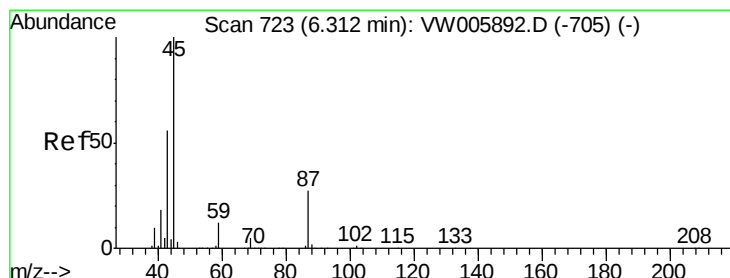
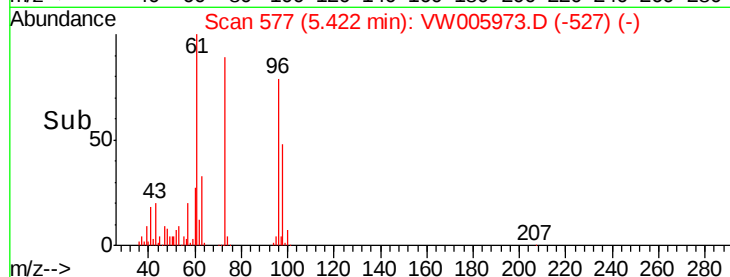
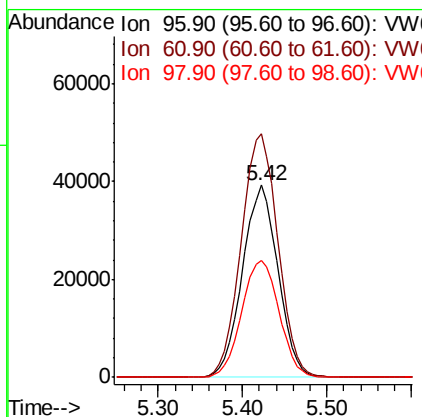
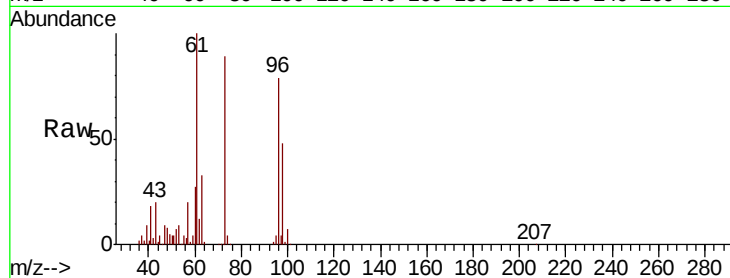
98 61.3 50.8 76.2

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#22

Diisopropyl ether

Concen: 50.441 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Tgt Ion: 45 Resp: 310015

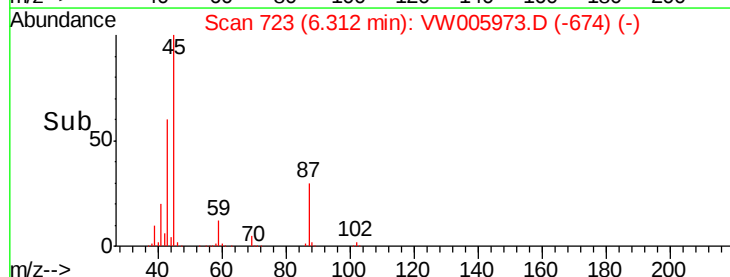
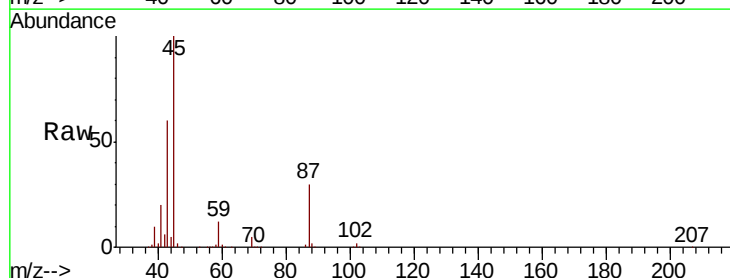
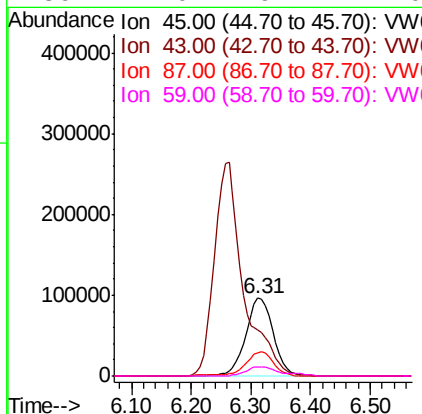
Ion Ratio Lower Upper

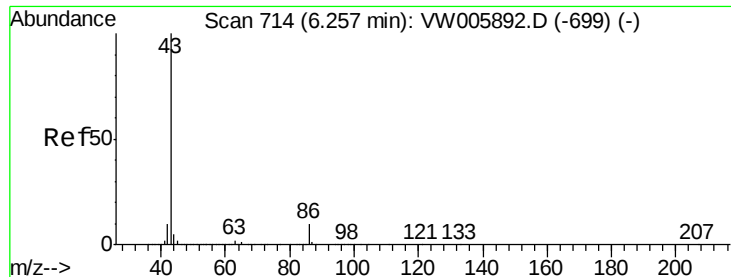
45 100

43 59.8 45.9 68.9

87 29.7 22.2 33.4

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 236.312 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 893935

Ion Ratio Lower Upper

43 100

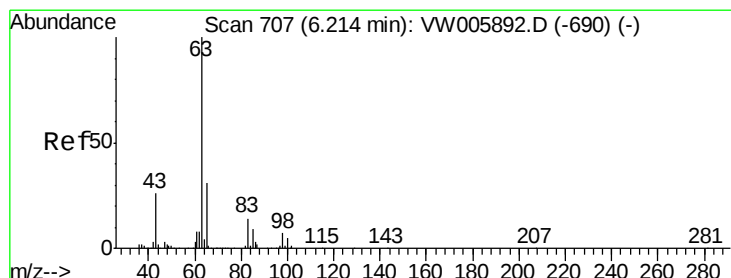
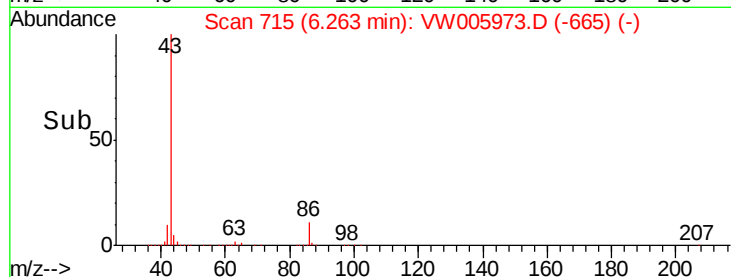
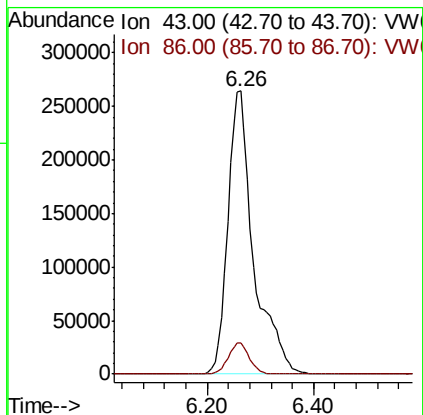
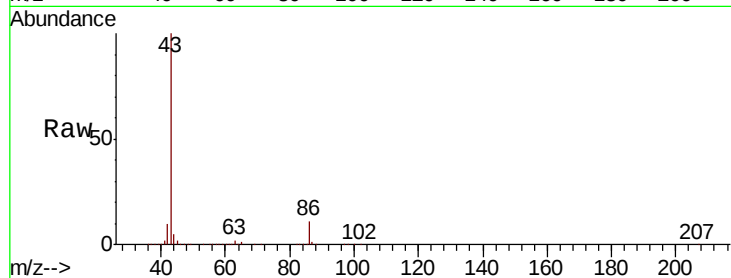
86 11.2 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 51.374 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

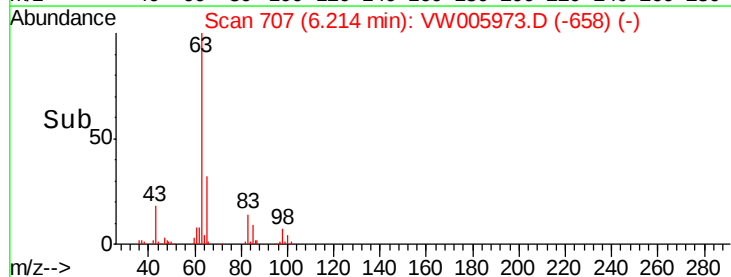
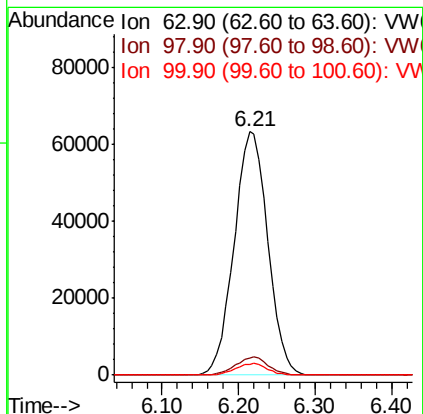
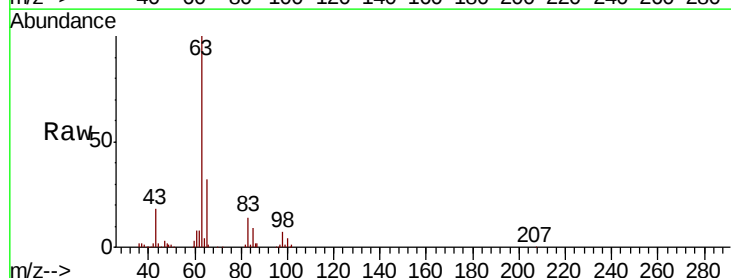
Tgt Ion: 63 Resp: 193226

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 243.997 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 147379

Ion Ratio Lower Upper

43 100

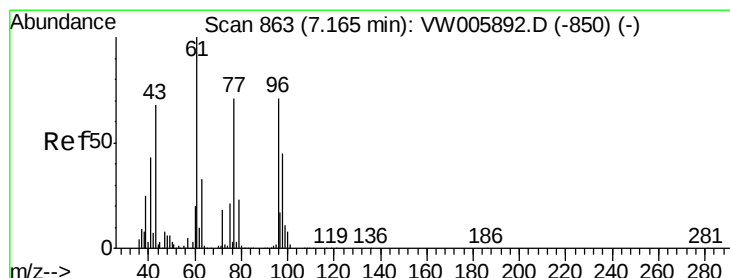
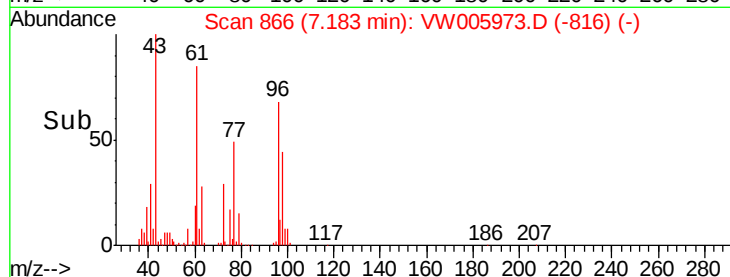
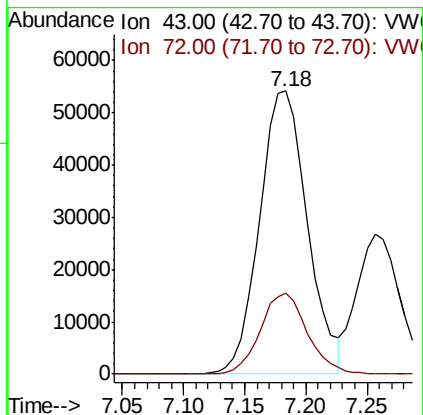
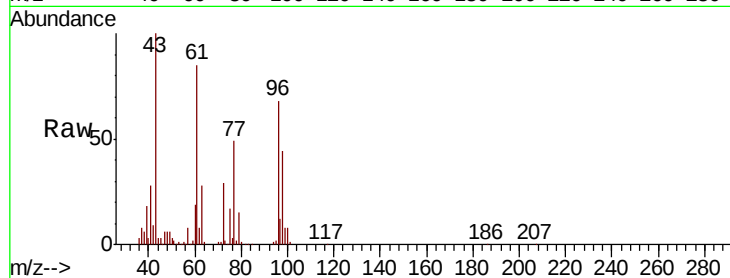
72 28.7 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 38.997 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005973.D

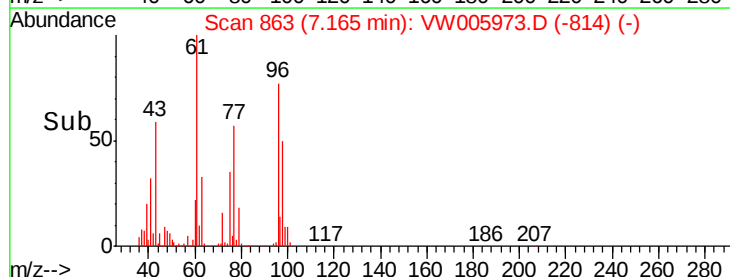
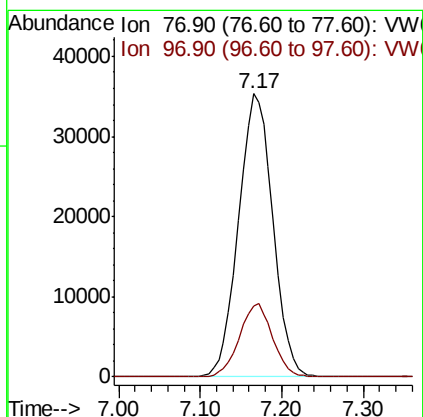
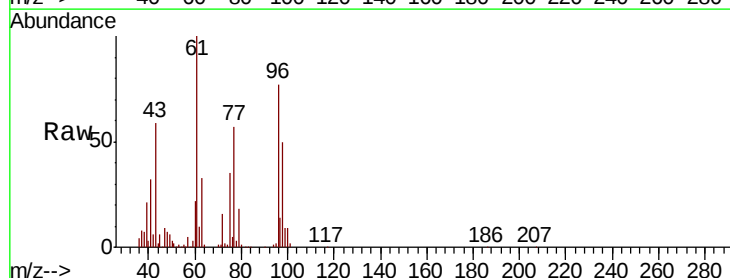
Acq: 10 Oct 2018 07:51

Tgt Ion: 77 Resp: 103227

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.7





#27

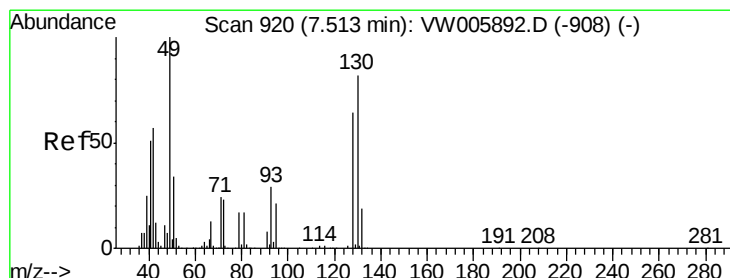
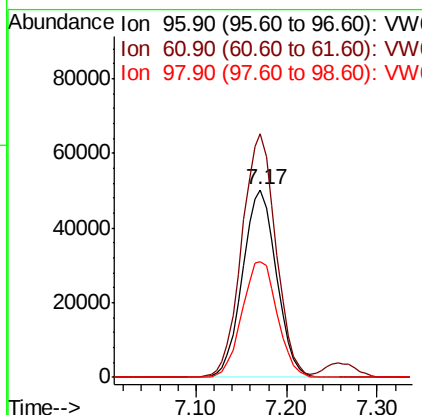
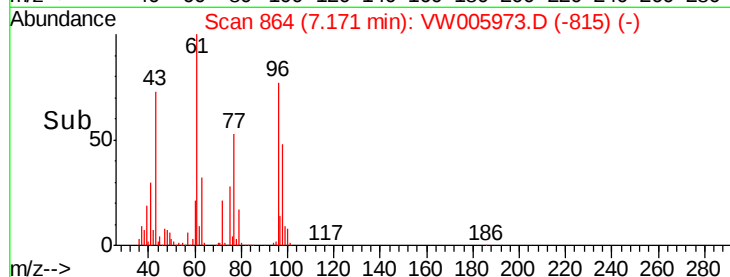
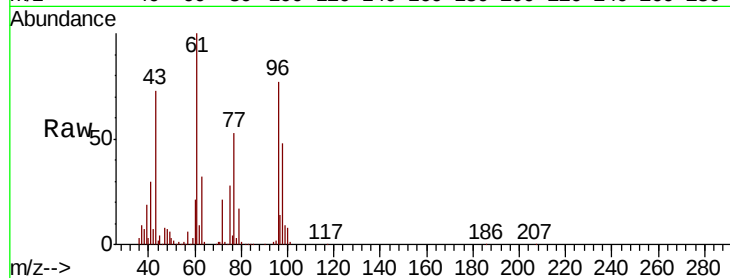
cis-1,2-Dichloroethene
 Concen: 54.628 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	284.0
98	64.4	0.0	129.8

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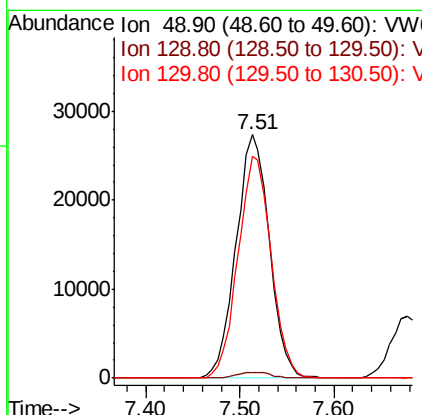
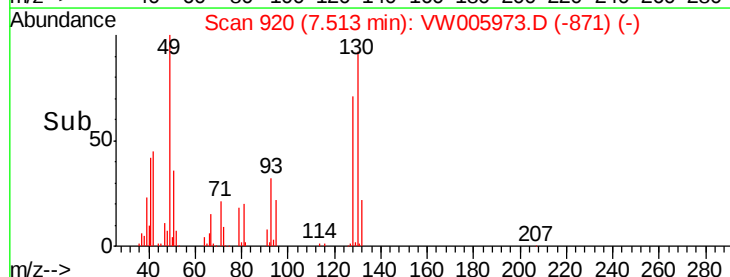
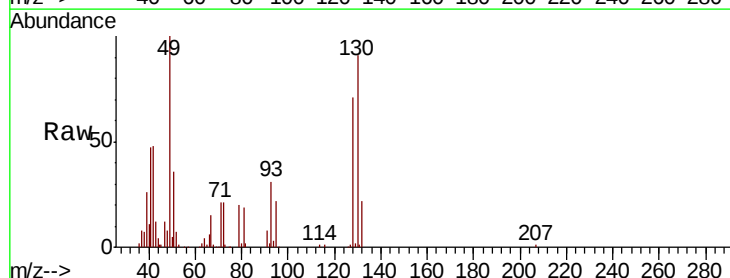
apatel
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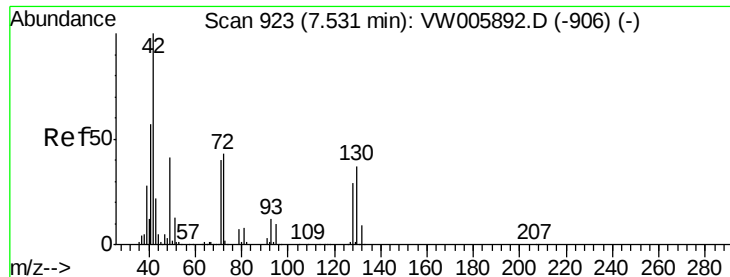


#28

Bromochloromethane
 Concen: 48.767 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	90.5	66.9	100.3





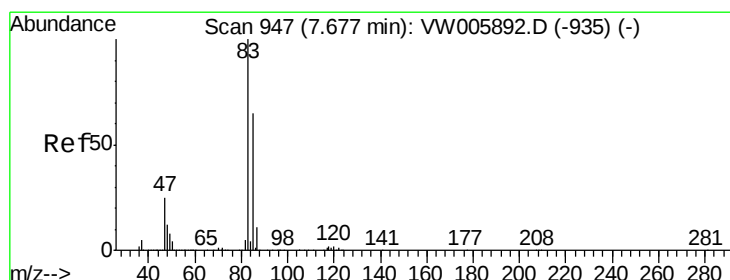
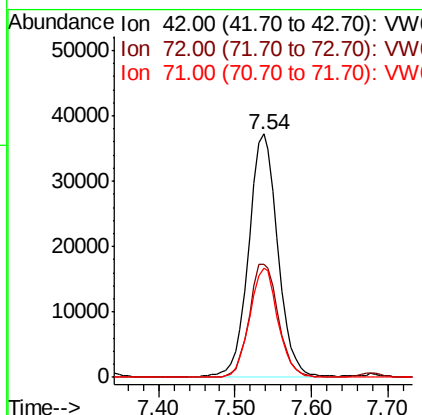
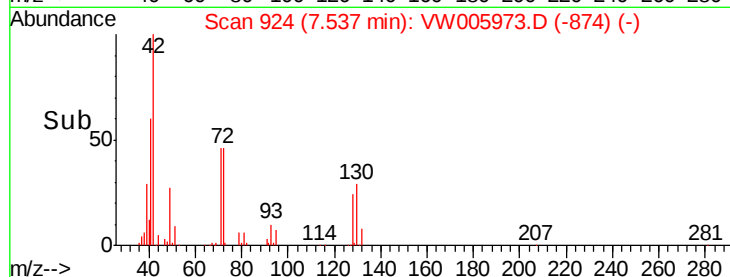
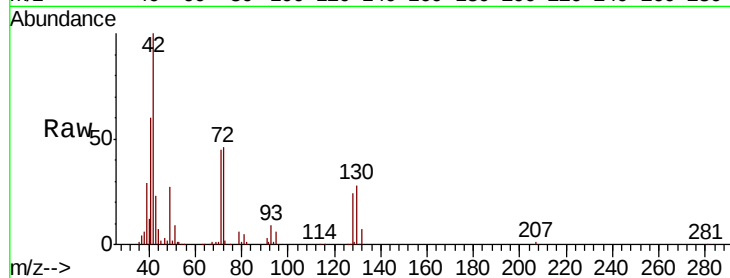
#29
Tetrahydrofuran
Concen: 259.947 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	99255
Ion	Ratio	Lower	Upper
42	100		
72	46.5	34.6	51.8
71	43.6	32.6	49.0

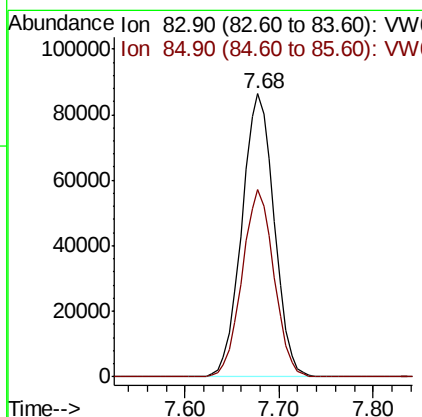
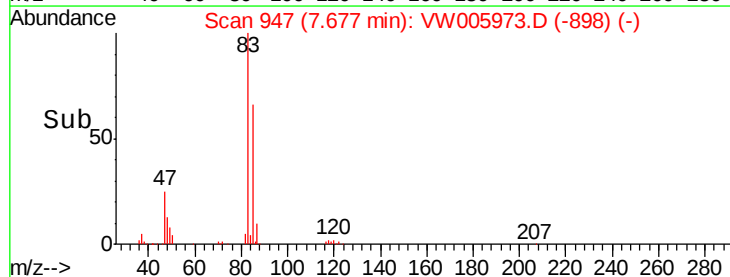
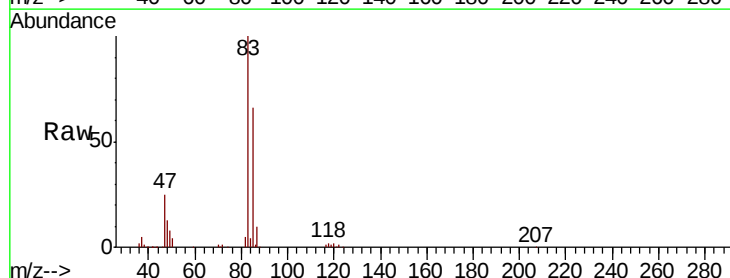
Manual Integrations
APPROVED

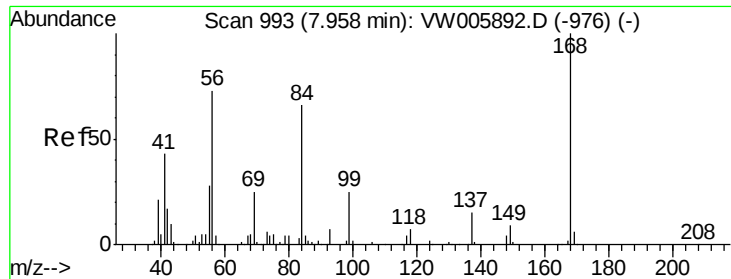
apatel
10/10/2018 11:34:59 AM



#30
Chloroform
Concen: 53.784 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion:	83	Resp:	207786
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4





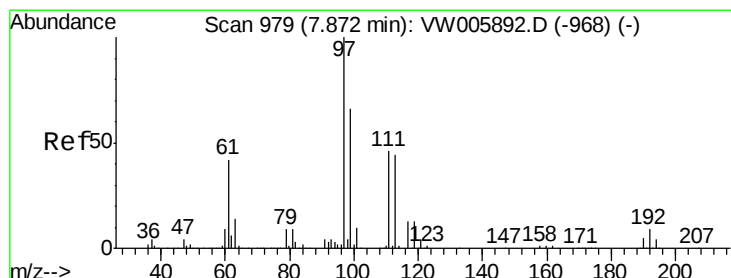
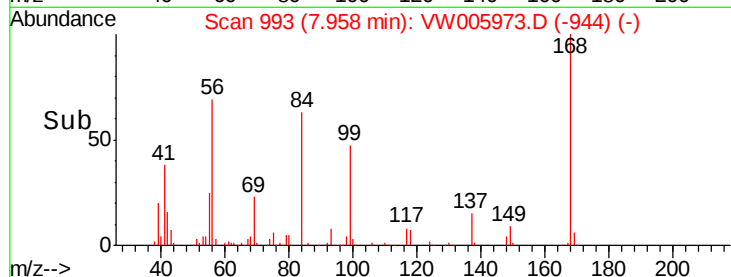
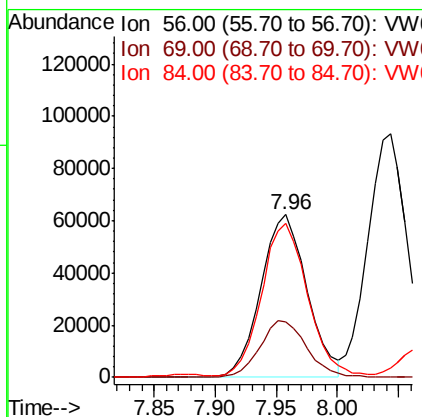
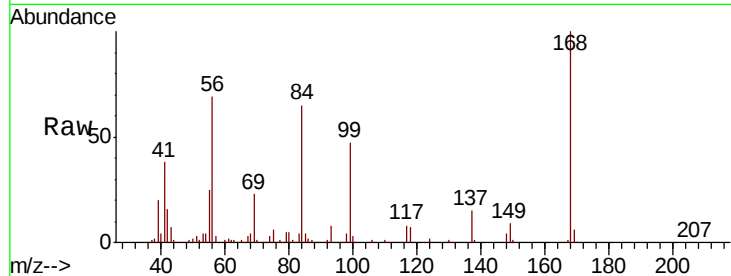
#31
Cyclohexane
Concen: 43.970 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.9	41.9
84	92.7	72.3	108.5

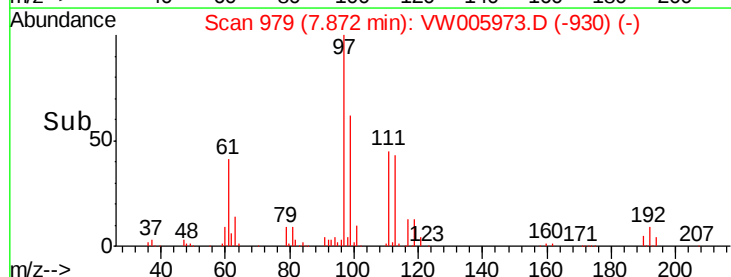
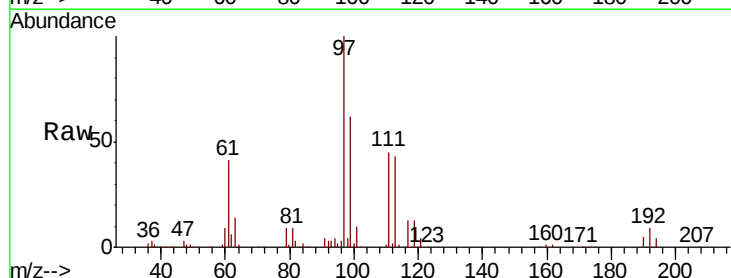
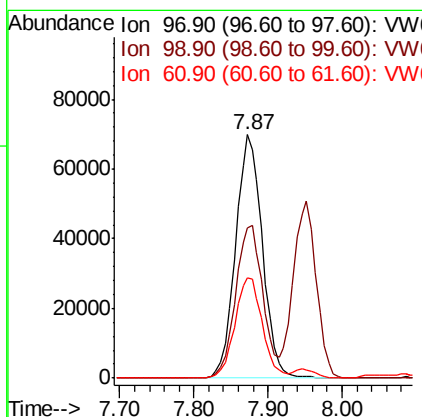
Manual Integrations
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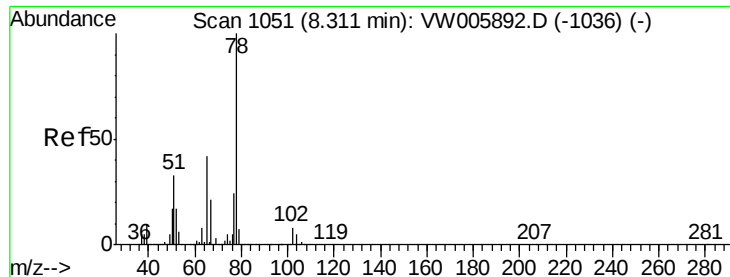
apatel
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#32
1,1,1-Trichloroethane
Concen: 51.173 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	42.3	34.5	51.7





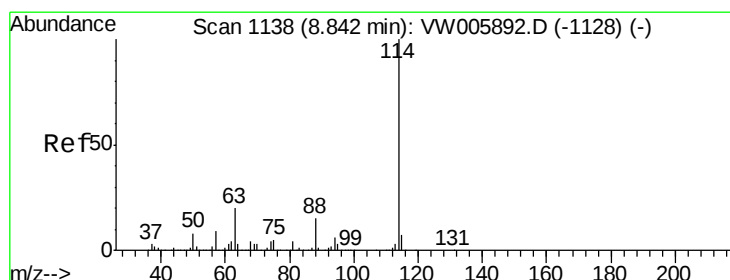
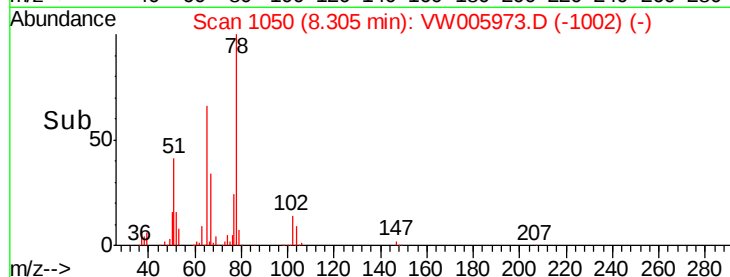
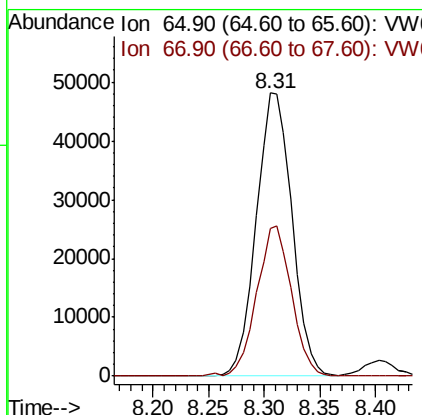
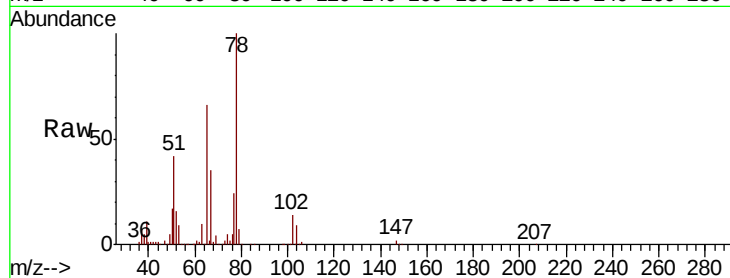
#33
 1,2-Dichloroethane-d4
 Concen: 50.561 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.6

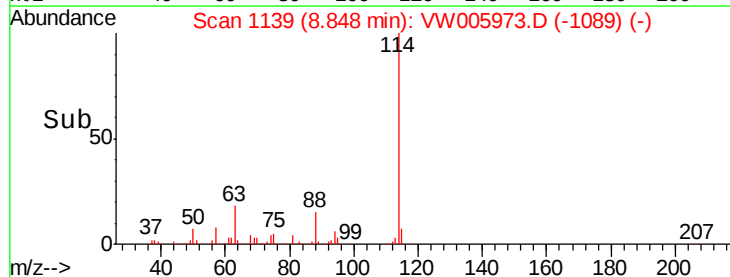
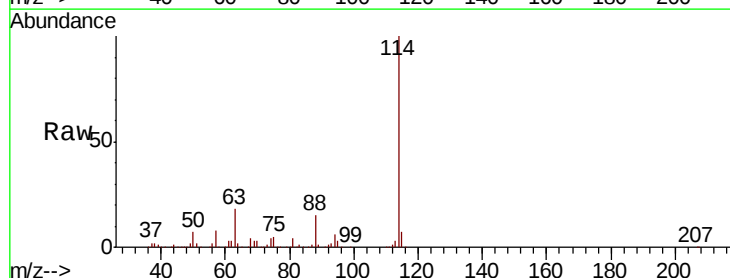
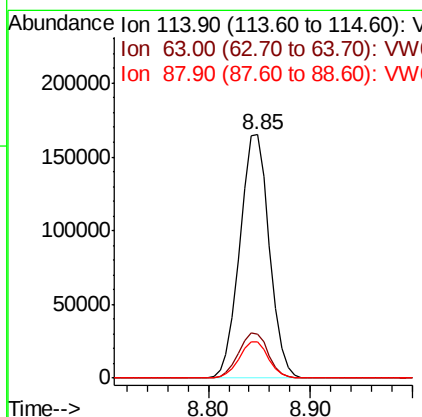
Manual Integrations
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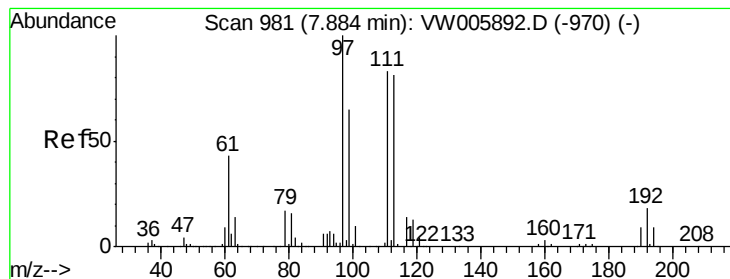
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.2
88	15.0	0.0	30.8





#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 109439

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

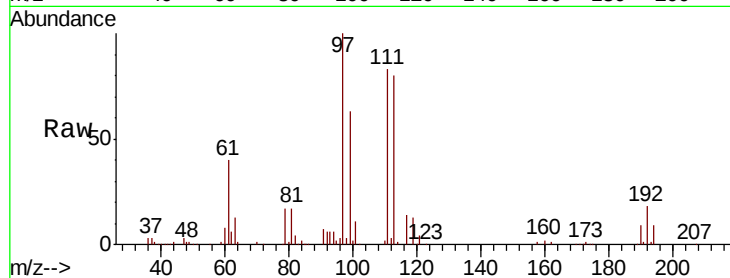
192 22.5 18.3 27.5

Manual Integrations

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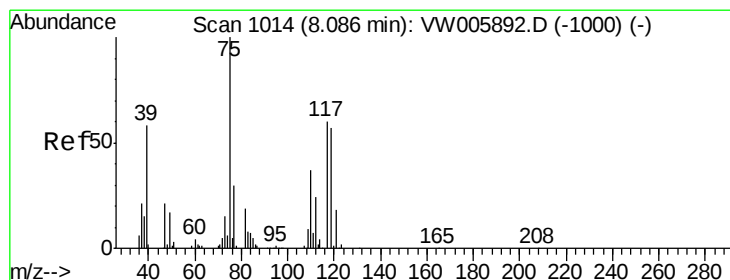
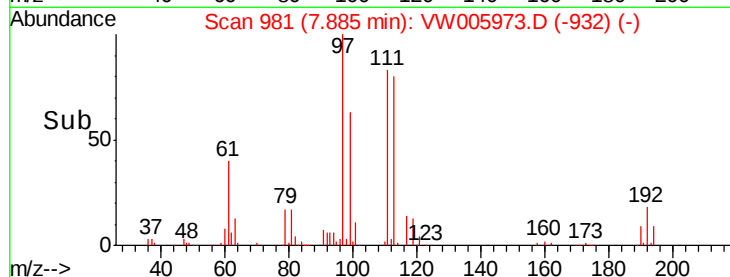
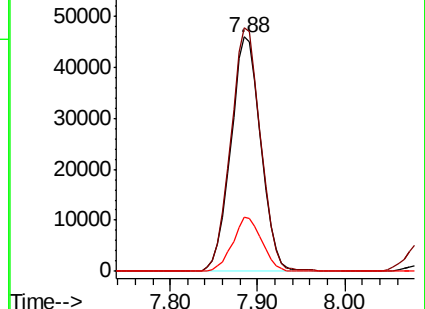
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.795 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

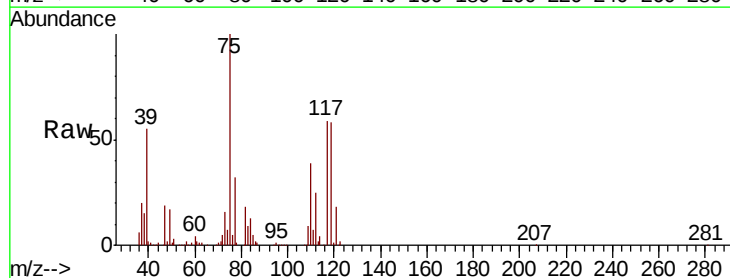
Tgt Ion: 75 Resp: 158270

Ion Ratio Lower Upper

75 100

110 38.2 18.6 56.0

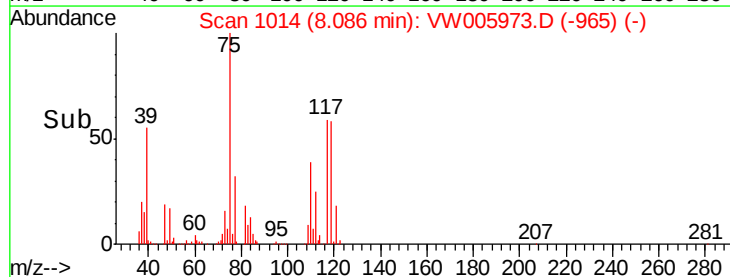
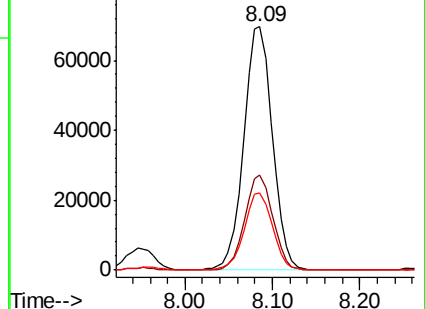
77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





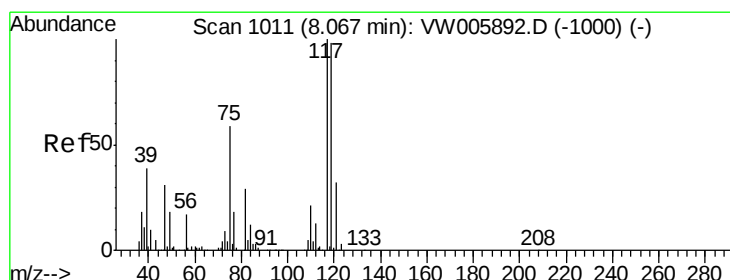
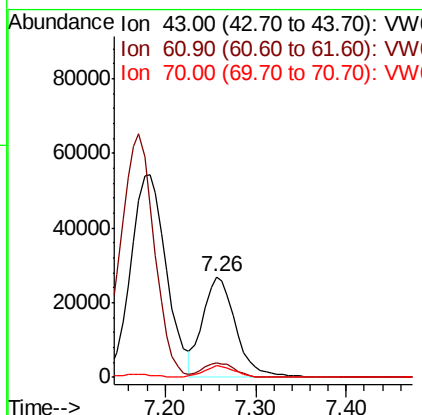
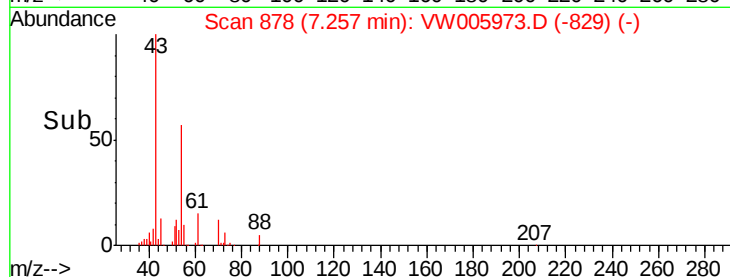
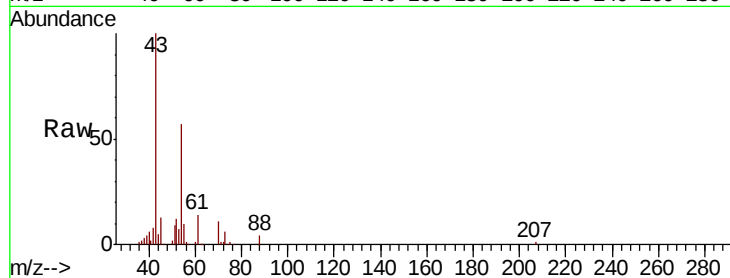
#37
Ethyl Acetate
Concen: 50.196 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	67564
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	11.2	8.6	13.0

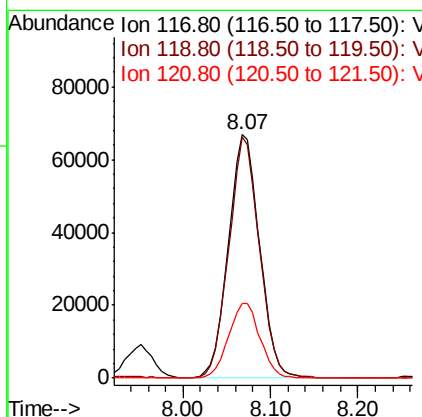
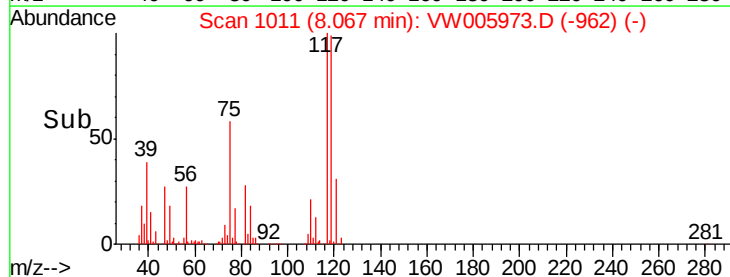
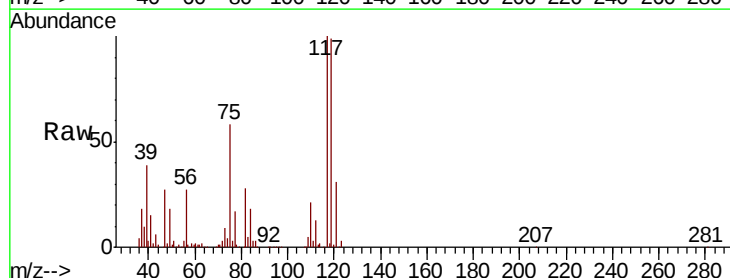
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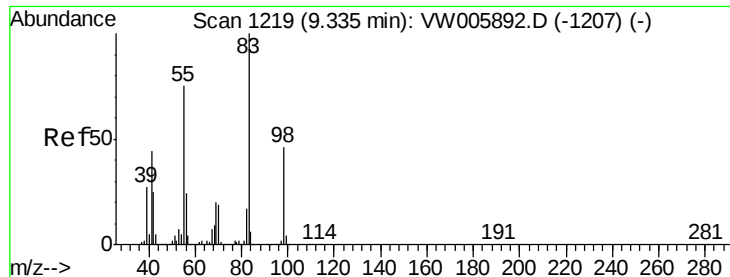
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#38
Carbon Tetrachloride
Concen: 48.603 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion:	117	Resp:	165973
Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.6	117.8
121	30.5	25.3	37.9





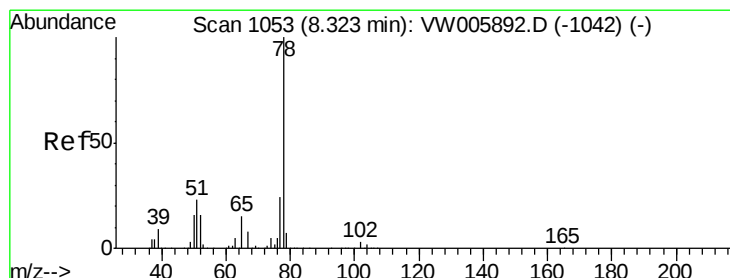
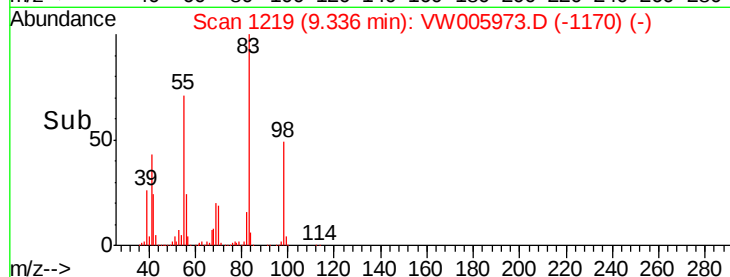
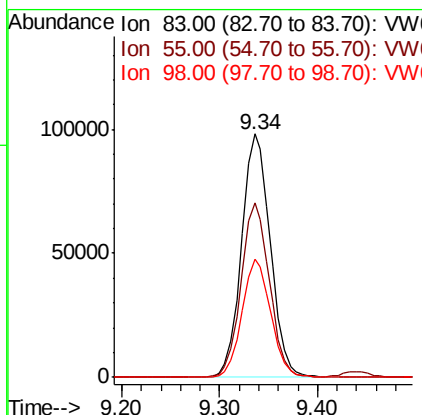
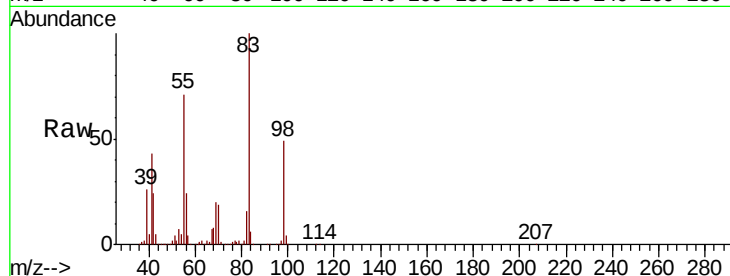
#39
Methvlcvclohexane
Concen: 47.638 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.8	89.6
98	48.8	37.1	55.7

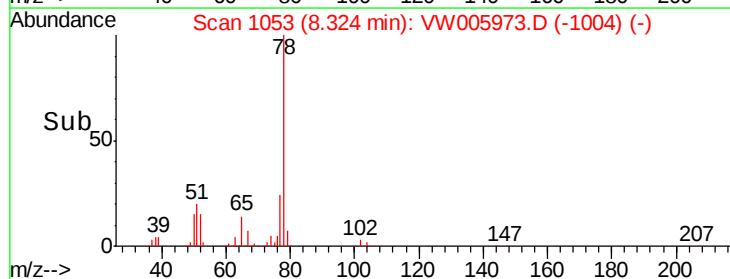
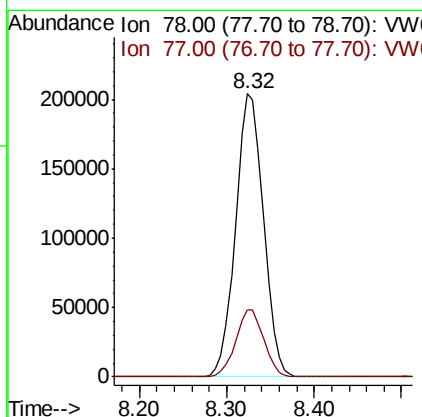
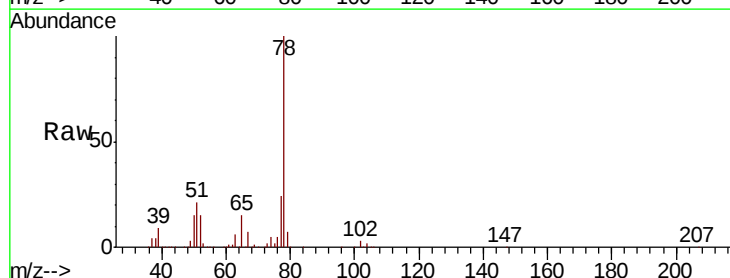
Manual Integrations
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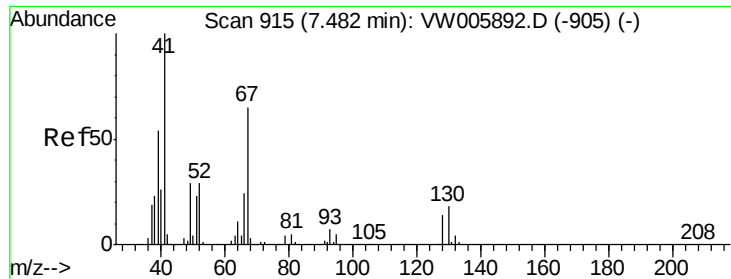
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#40
Benzene
Concen: 51.873 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





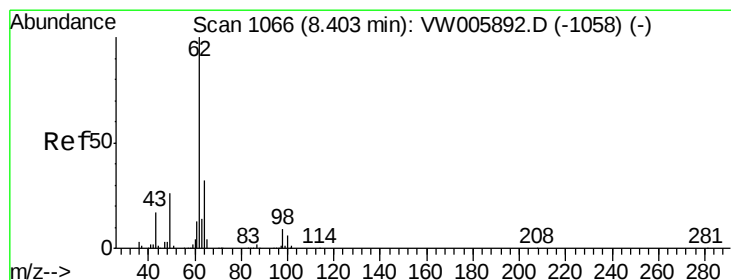
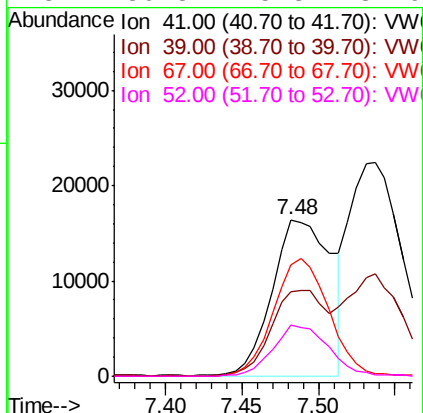
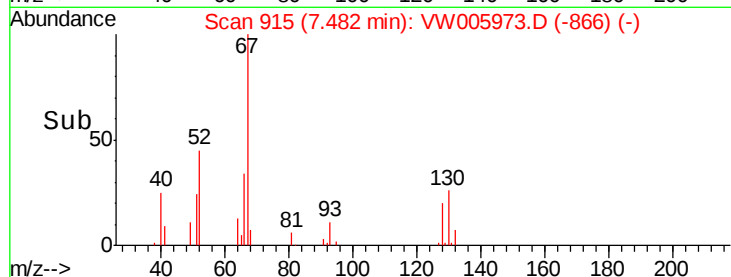
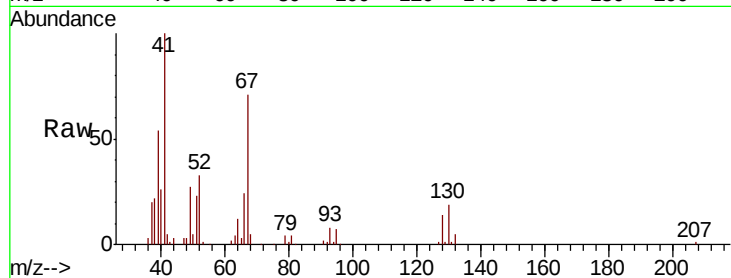
#41
Methacrylonitrile
Concen: 52.525 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	44262
Ion Ratio	Lower	Upper	
41	100		
39	50.1	45.0	67.4
67	70.4	55.8	83.8
52	30.8	25.3	37.9

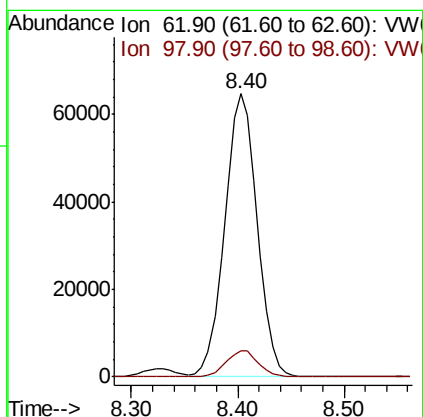
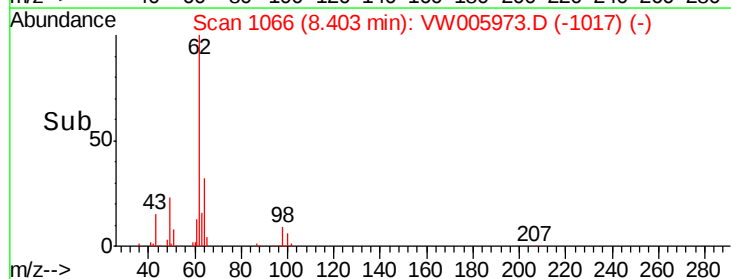
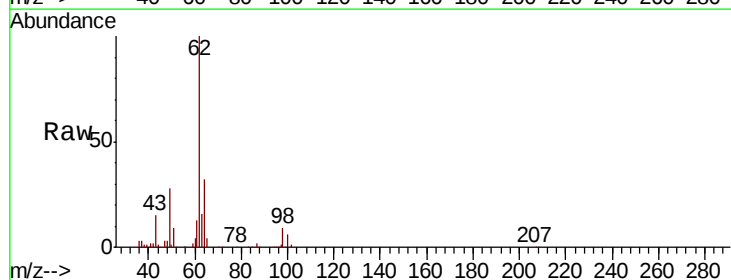
Manual Integrations
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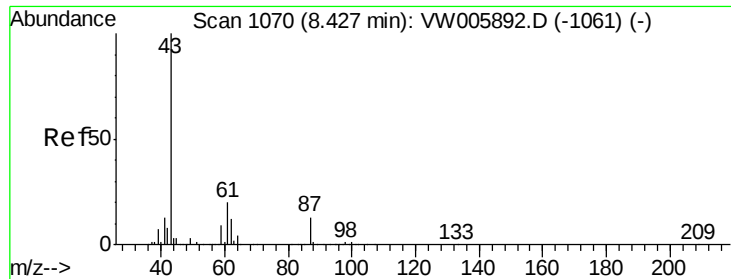
apatel
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#42
1,2-Dichloroethane
Concen: 52.314 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	62	Resp	137490
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.0





#43

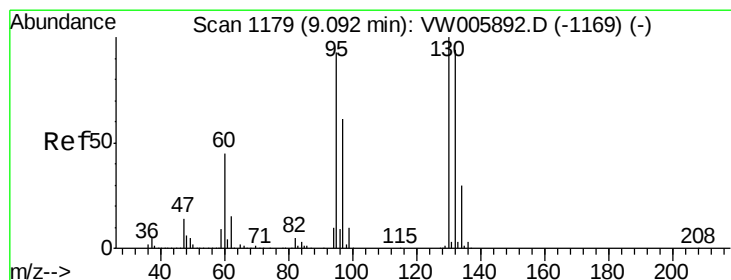
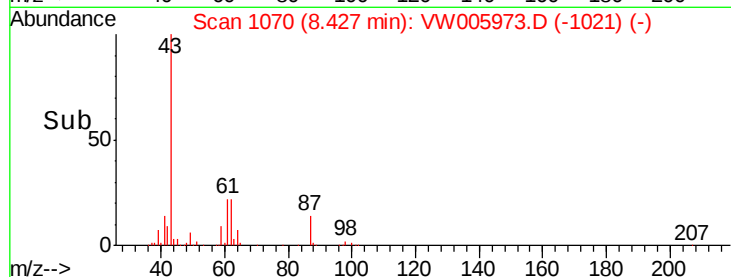
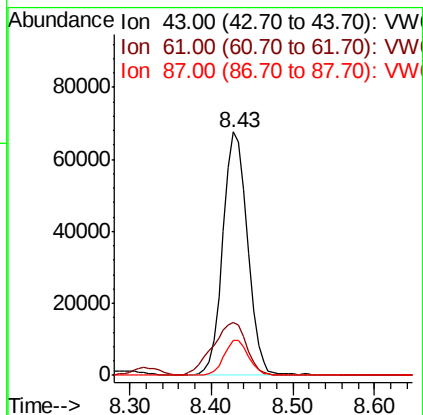
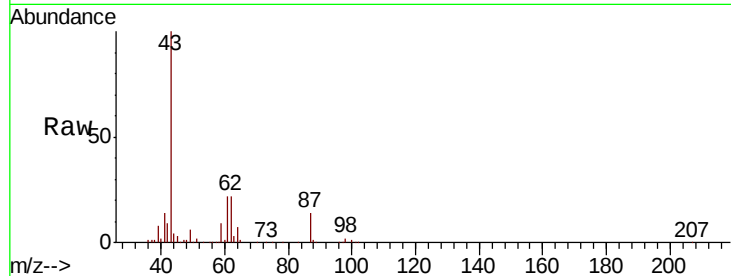
Isopropyl Acetate
 Concen: 50.074 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.1	34.7
87	14.2	10.7	16.1

Manual Integrations
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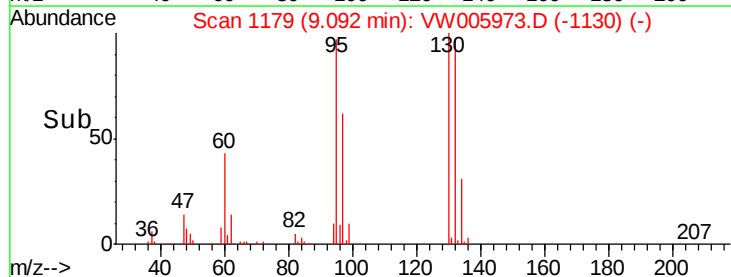
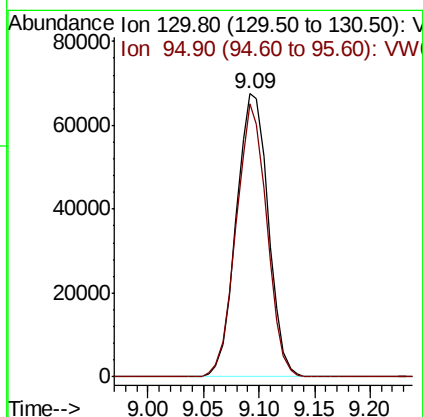
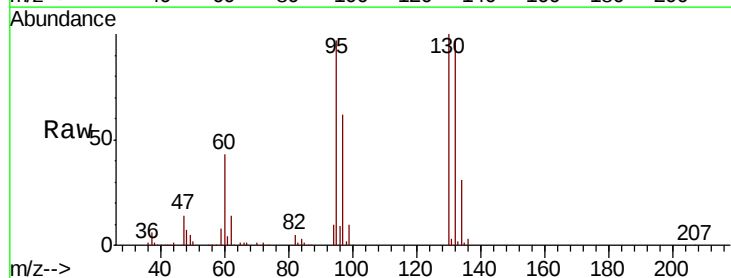
apatel
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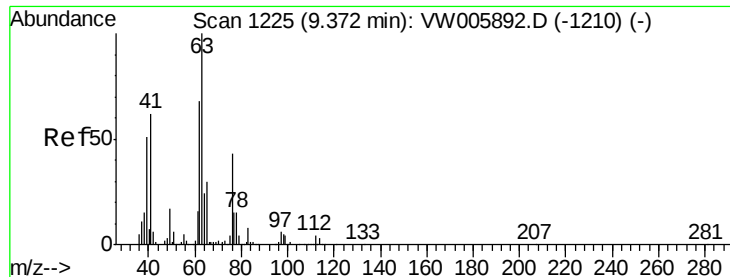


#44

Trichloroethene
 Concen: 53.379 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	185.6





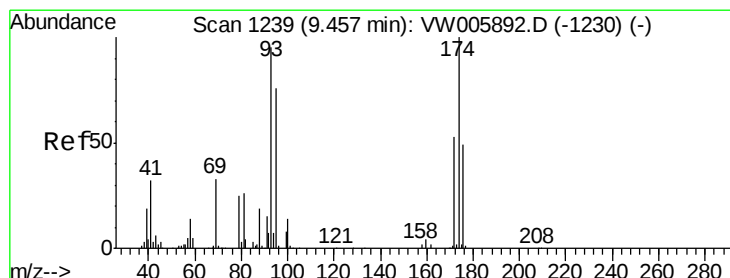
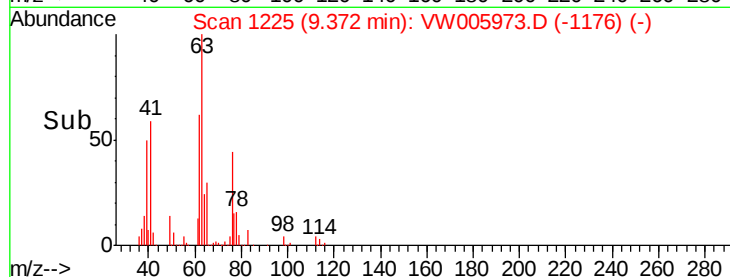
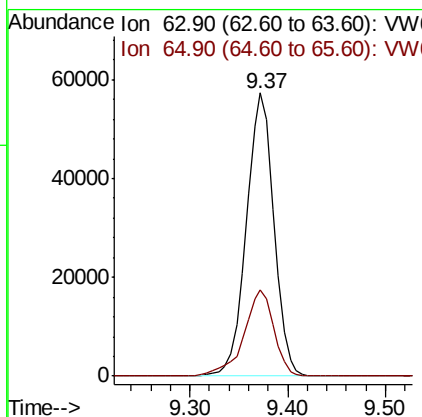
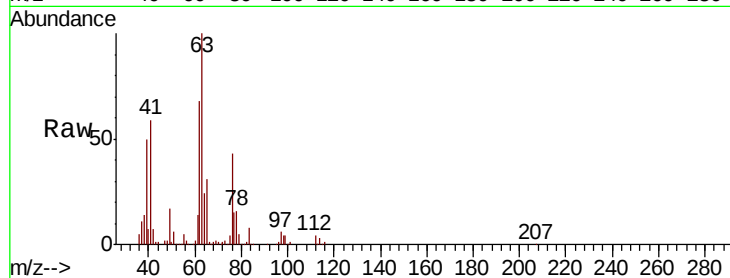
#45
 1,2-Dichloropropane
 Concen: 51.212 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.3	36.5

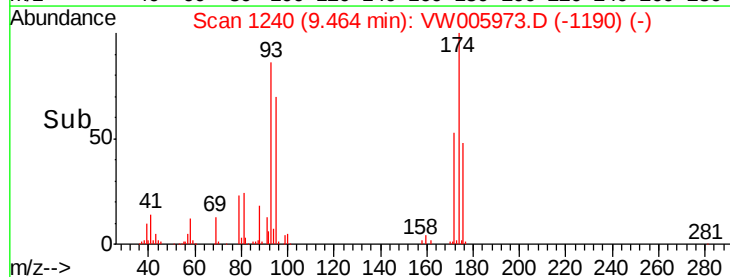
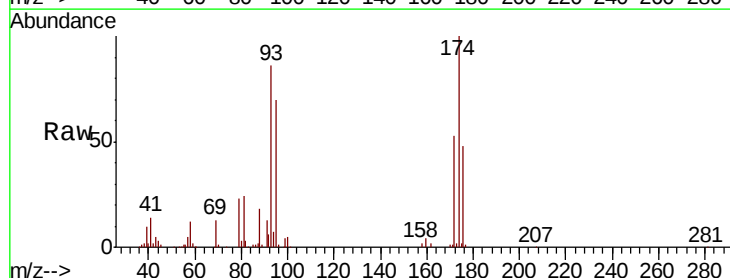
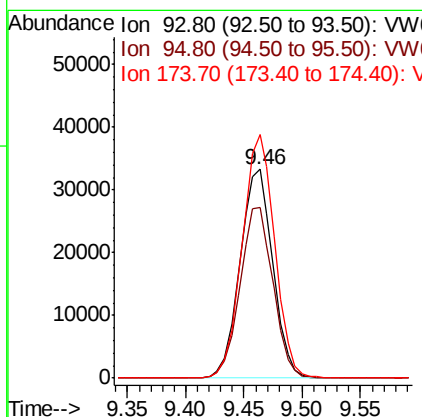
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#46
 Dibromomethane
 Concen: 54.500 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	115.8	90.4	135.6





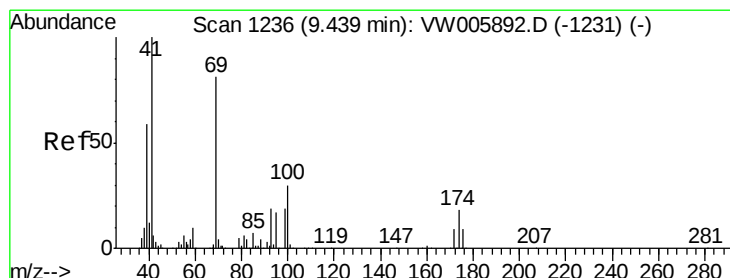
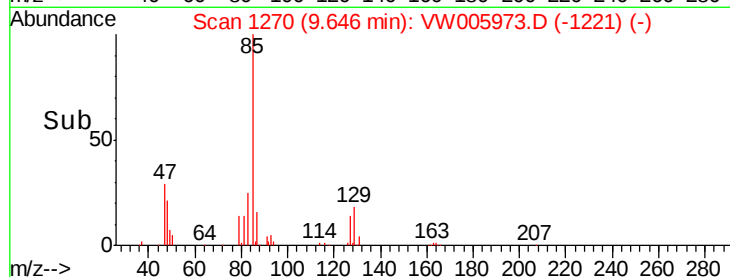
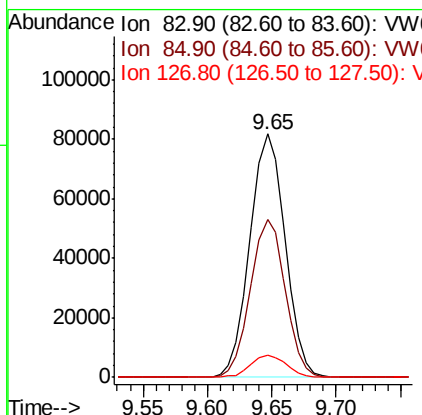
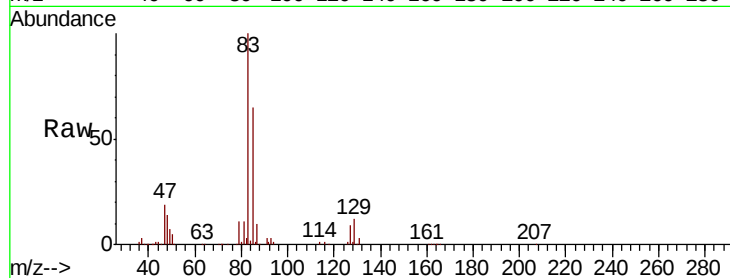
#47
Bromodichloromethane
Concen: 51.337 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	154607
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	53.0	79.6
127	9.2	7.4	11.0

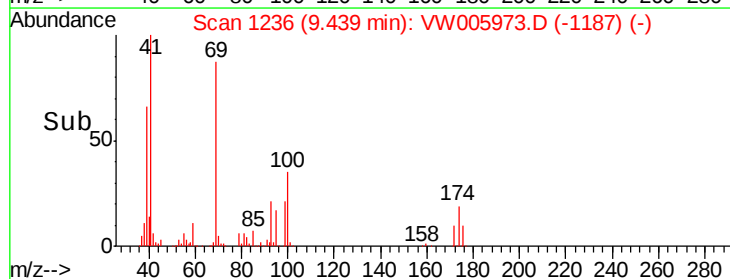
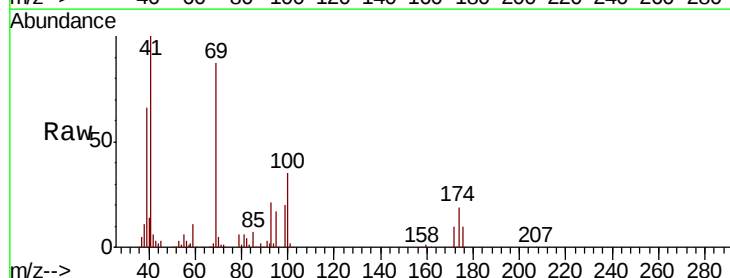
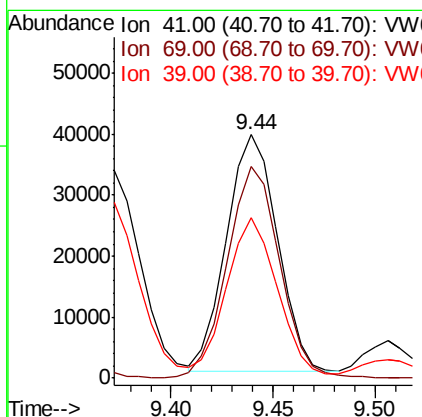
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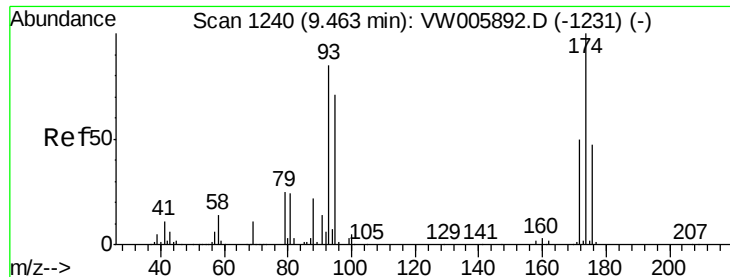
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#48
Methyl methacrylate
Concen: 50.044 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	41	Resp	67028
Ion Ratio	100	Lower	Upper
41	100		
69	92.8	68.7	103.1
39	68.5	50.0	75.0





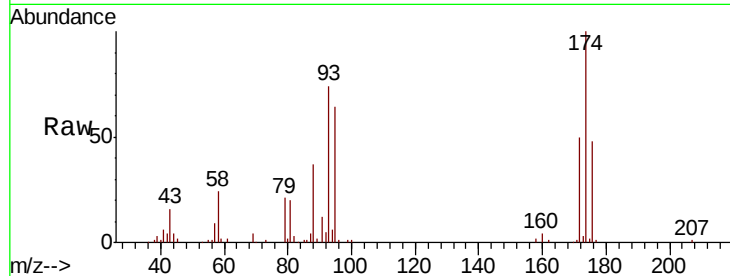
#49
1,4-Dioxane
Concen: 1191.729 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	21664
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.5	57.7	86.5

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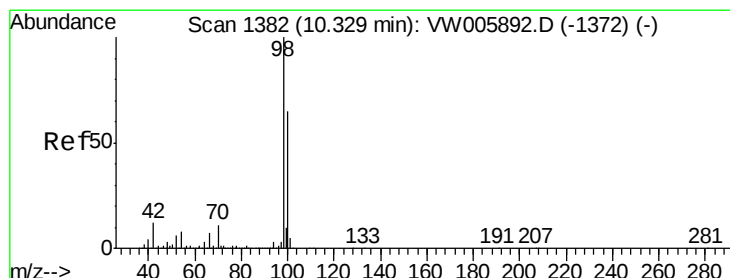
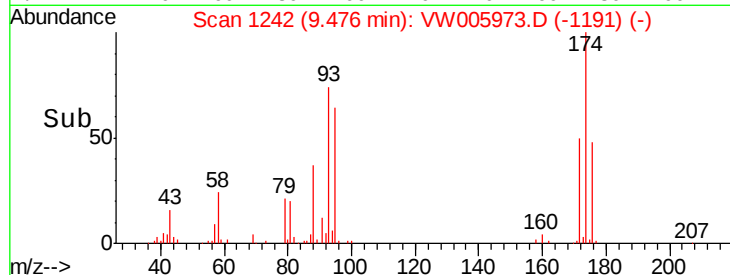
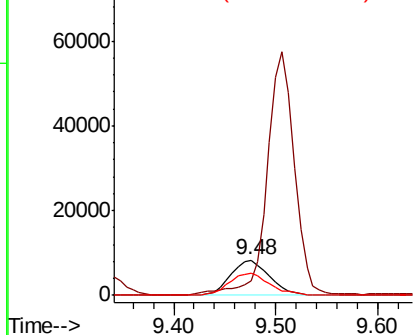


Abundance

Ion 88.00 (87.70 to 88.70): VW

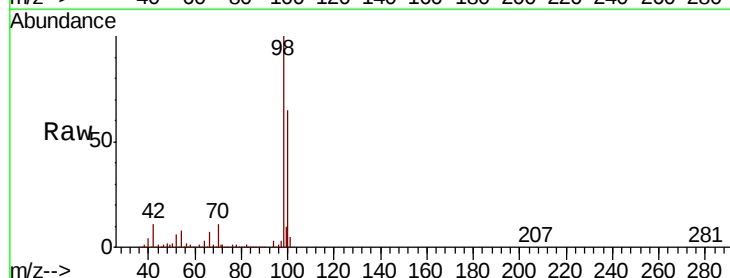
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.356 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

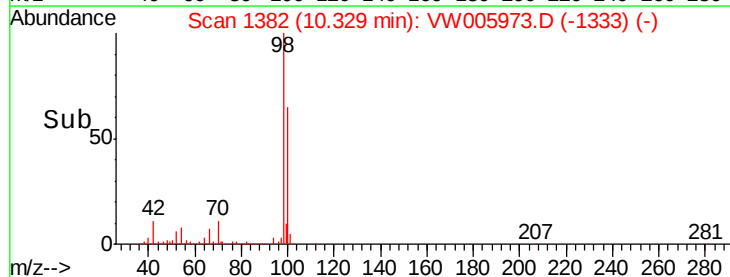
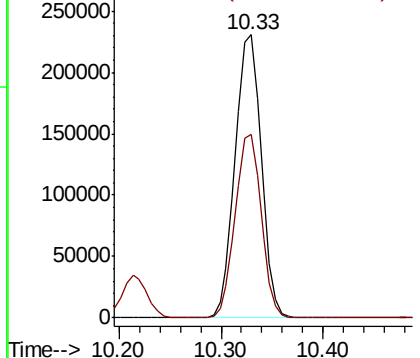
Tgt Ion	98	Resp	410310
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

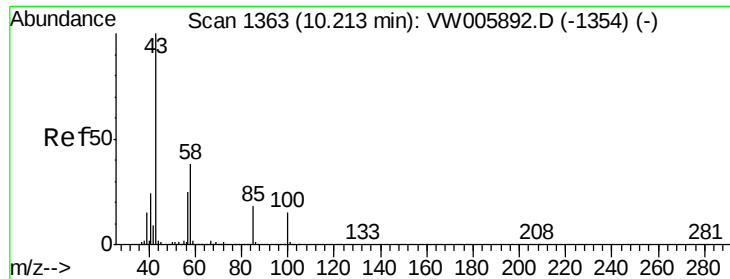


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





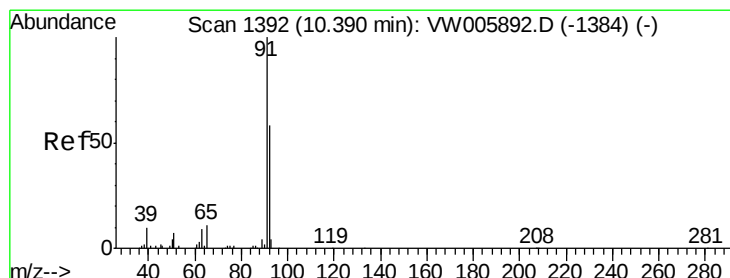
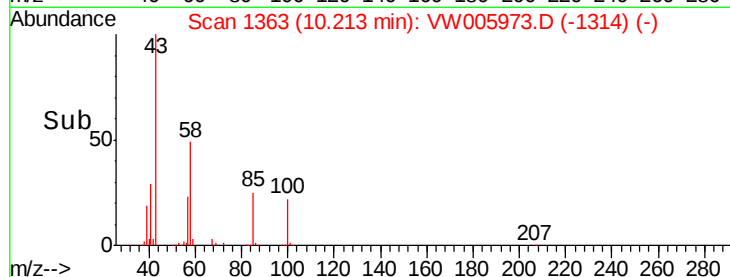
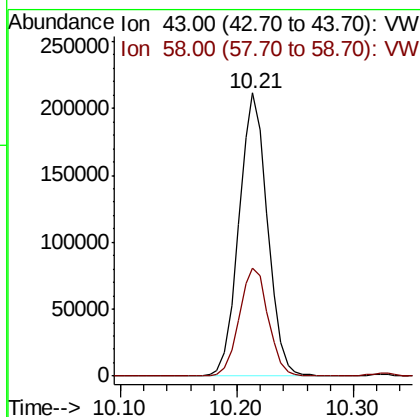
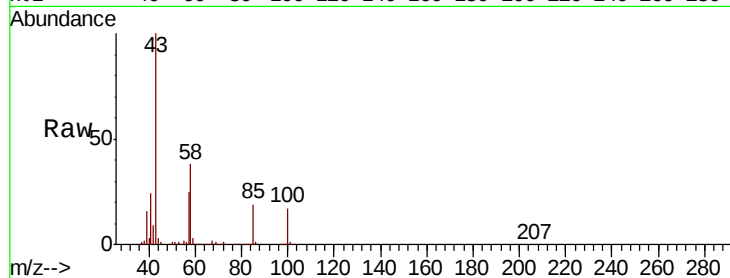
#51
4-Methyl-2-Pentanone
Concen: 262.658 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.2	45.4

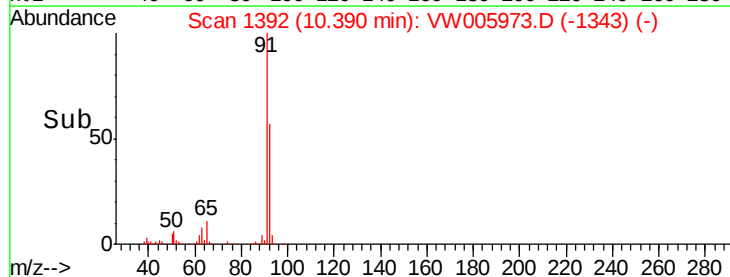
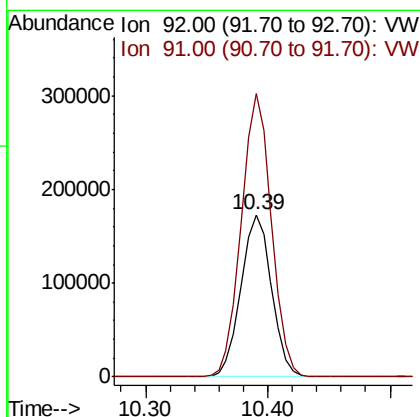
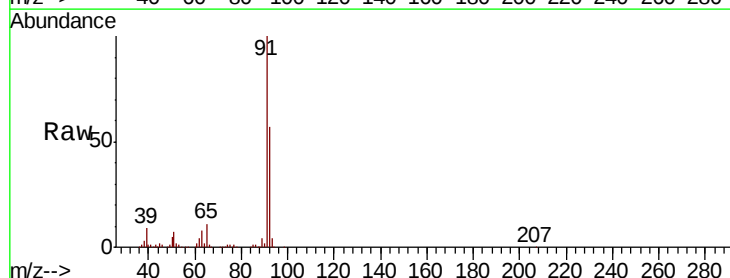
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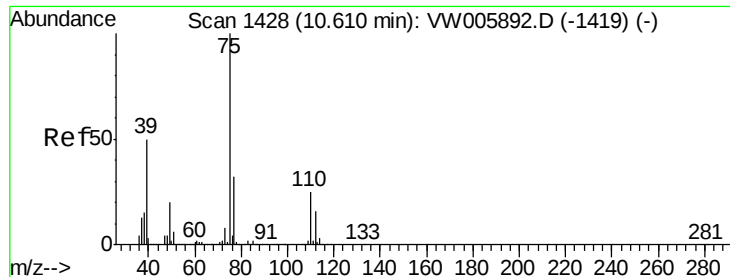
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#52
Toluene
Concen: 52.332 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	138.2	207.4





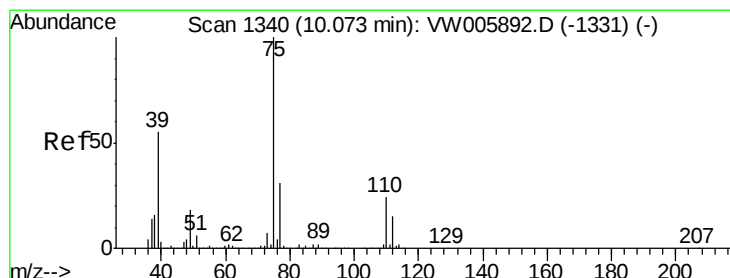
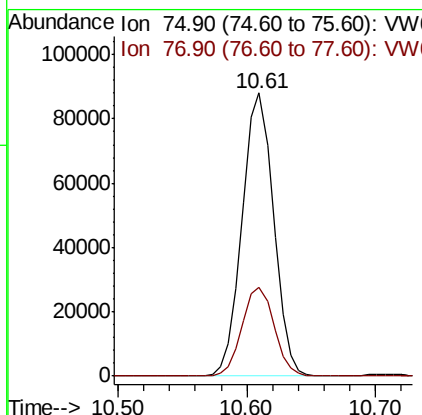
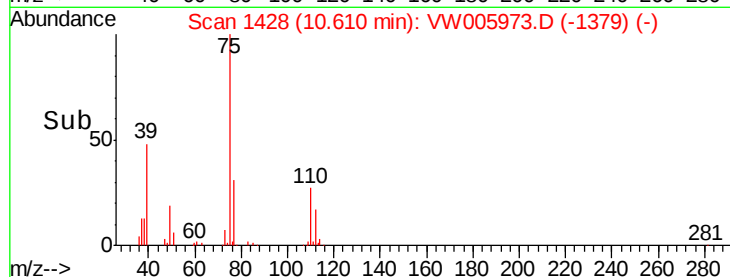
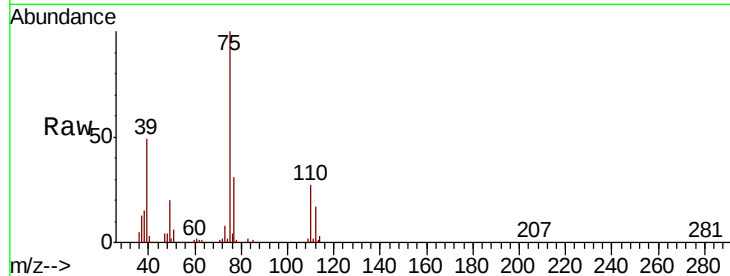
#53
t-1,3-Dichloropropene
Concen: 47.311 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	75	Resp	148899
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.4	38.2

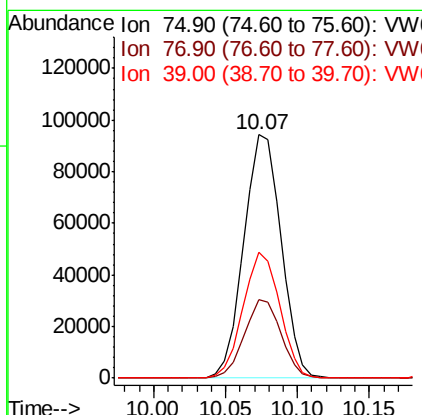
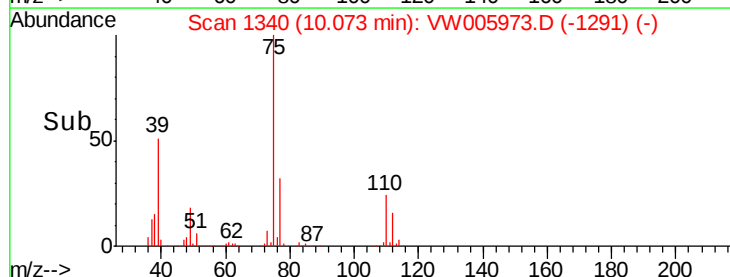
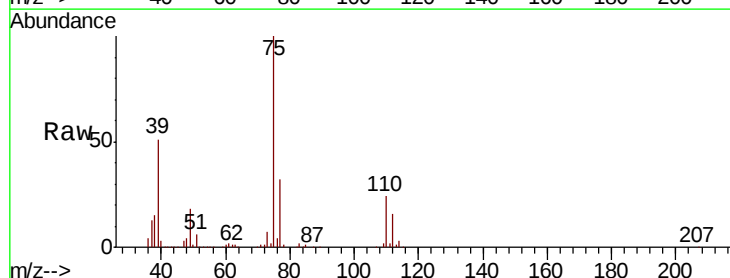
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#54
cis-1,3-Dichloropropene
Concen: 47.846 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	75	Resp	169272
Ion Ratio	Lower	Upper	
75	100		
77	32.4	24.6	37.0
39	51.4	44.2	66.4





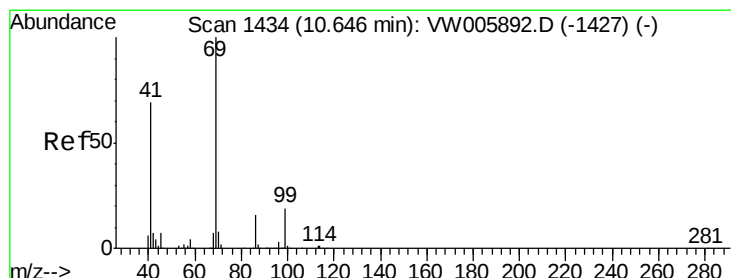
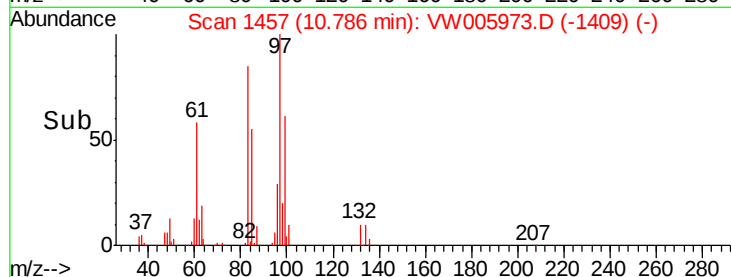
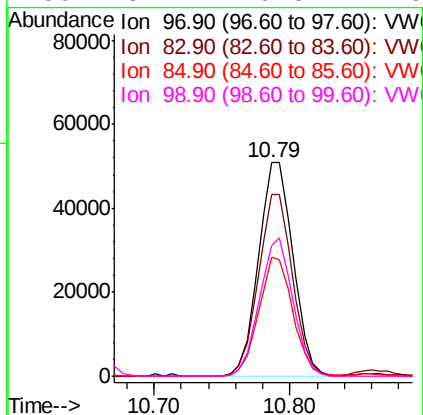
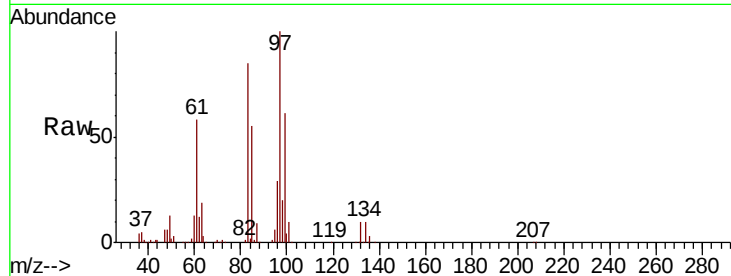
#55
 1,1,2-Trichloroethane
 Concen: 54.905 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	91013
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.9	100.3
85	55.5	43.4	65.0
99	61.1	49.8	74.6

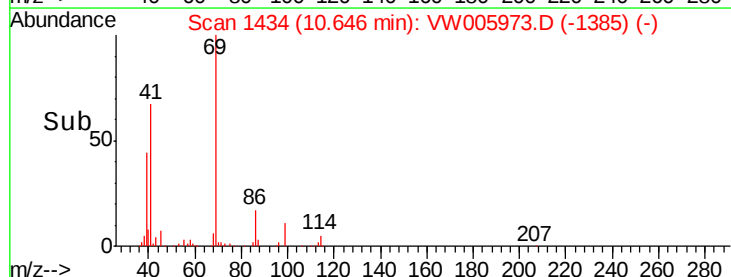
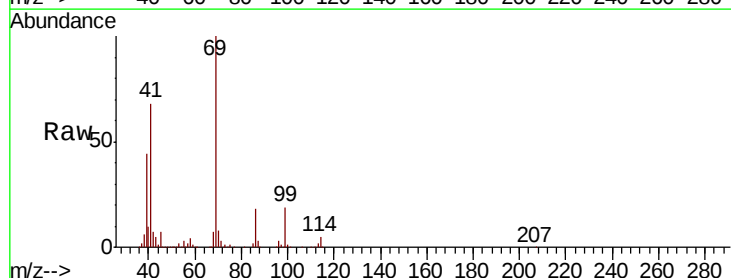
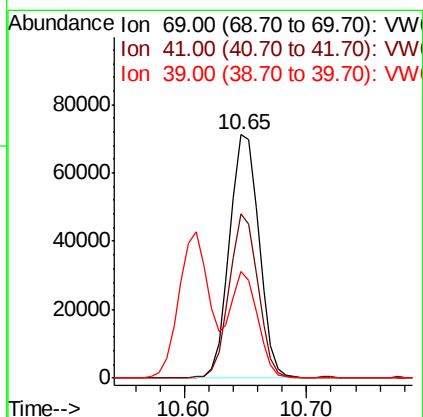
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#56
 Ethyl methacrylate
 Concen: 53.276 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion:	69	Resp:	119027
Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.0	84.0
39	40.8	33.5	50.3





#57

1,3-Dichloropropane

Concen: 53.909 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 150332

Ion Ratio Lower Upper

76 100

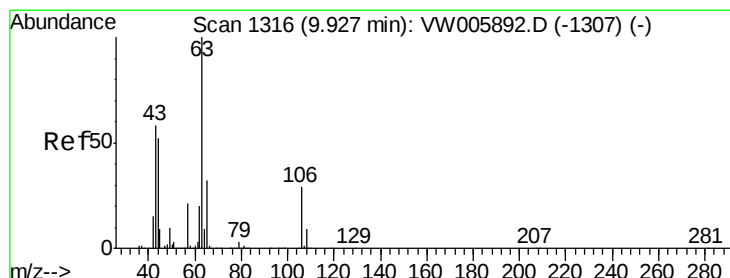
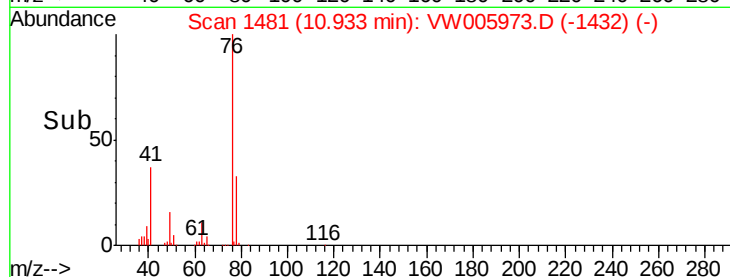
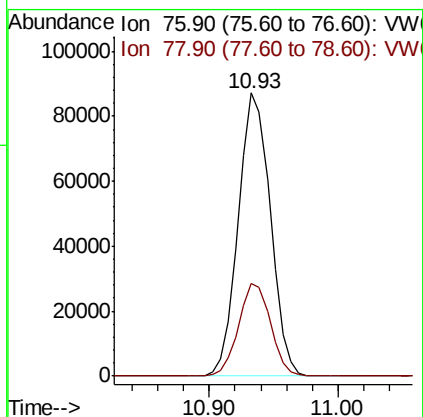
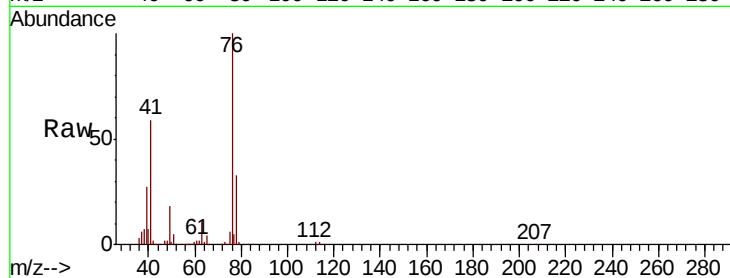
78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 259.630 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW005973.D

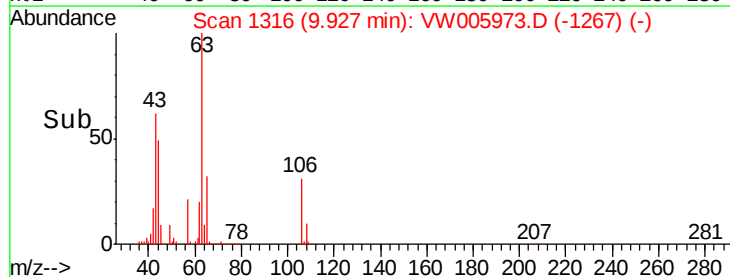
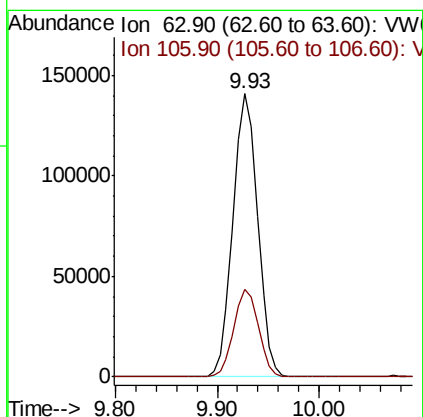
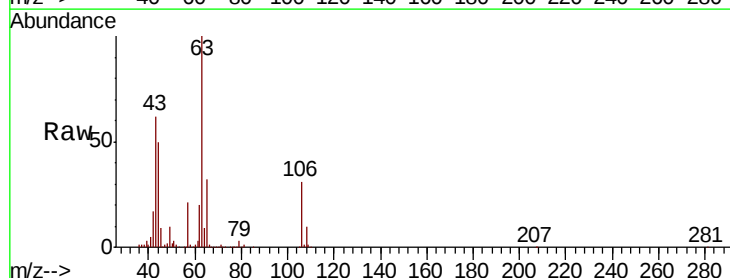
Acq: 10 Oct 2018 07:51

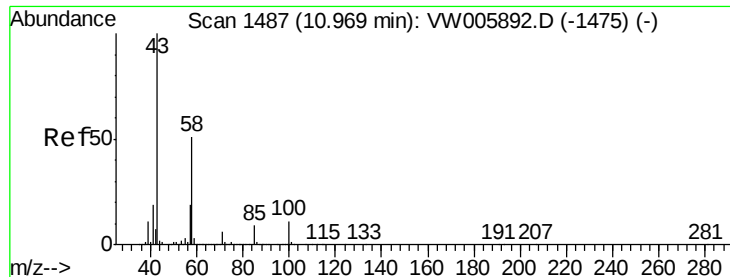
Tgt Ion: 63 Resp: 236021

Ion Ratio Lower Upper

63 100

106 30.7 23.6 35.4





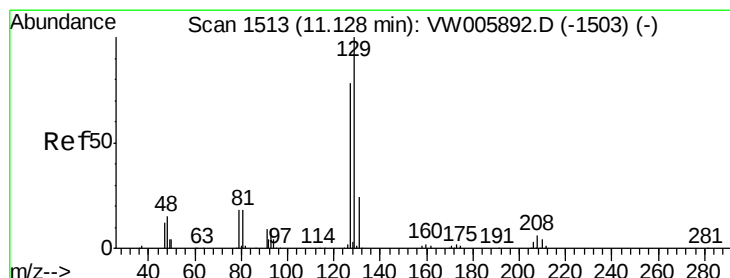
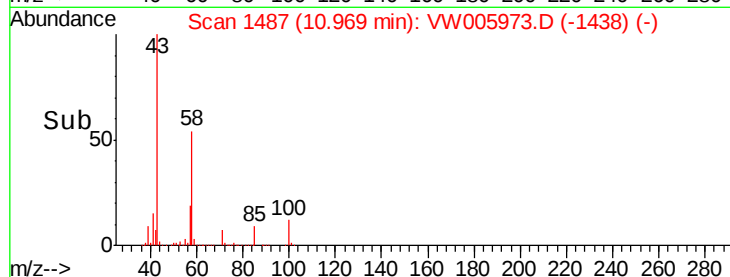
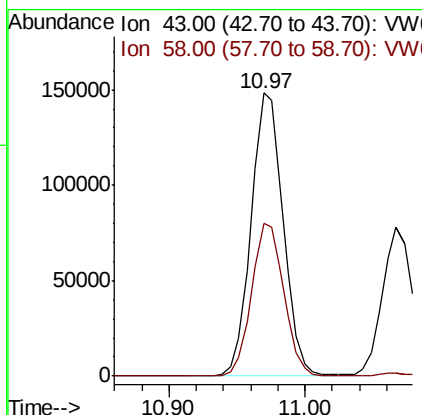
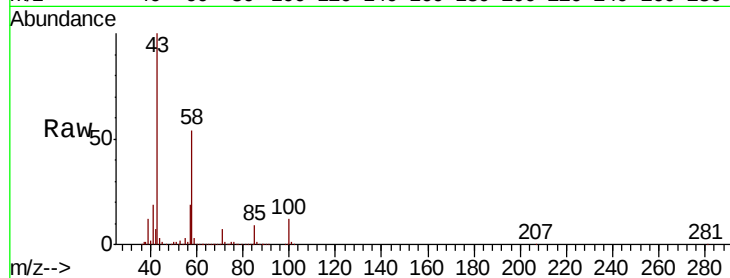
#59
2-Hexanone
Concen: 249.464 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 244903
Ion Ratio Lower Upper
43 100
58 54.5 25.7 77.1

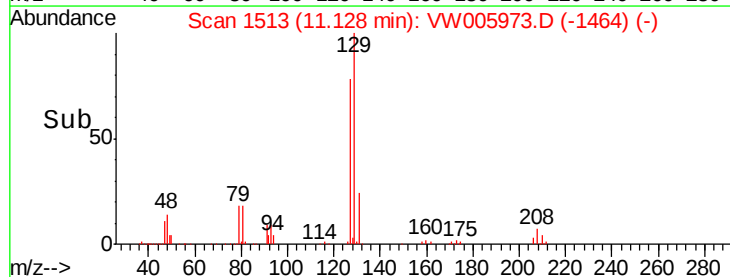
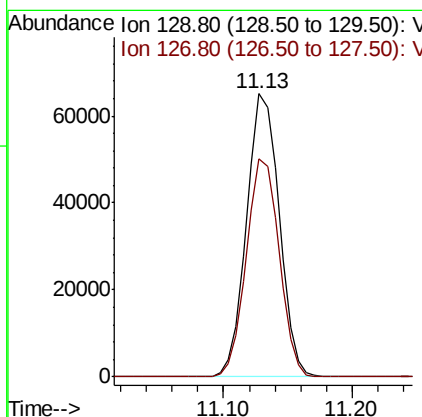
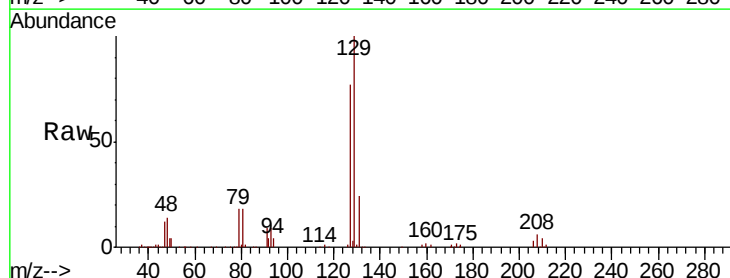
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#60
Dibromochloromethane
Concen: 53.289 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion: 129 Resp: 113989
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





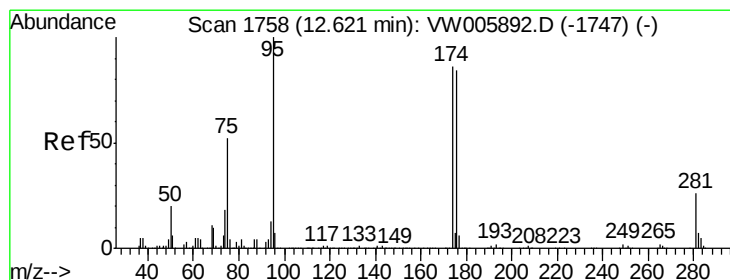
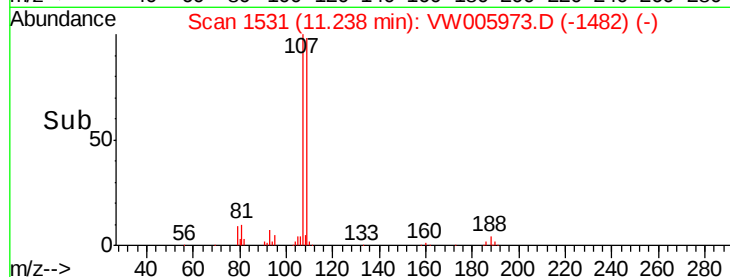
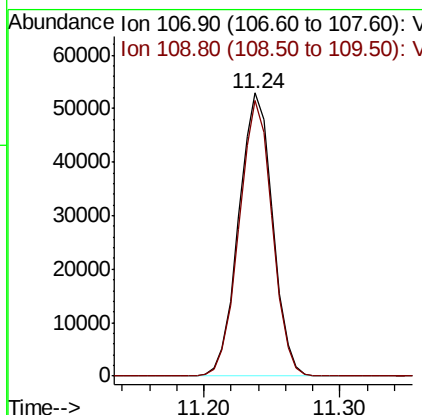
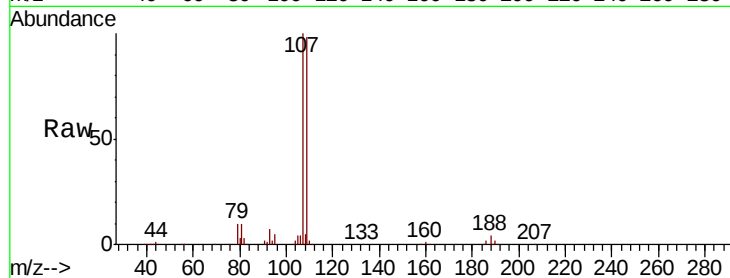
#61
 1,2-Dibromoethane
 Concen: 55.578 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 92060
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.8 113.8

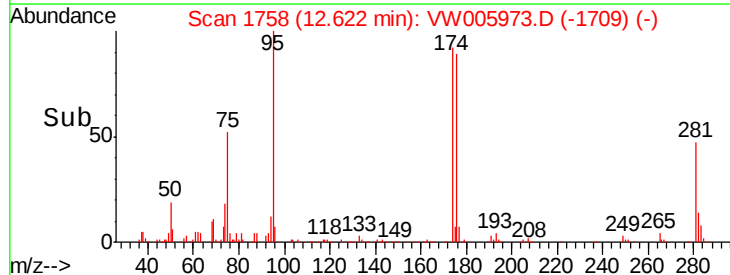
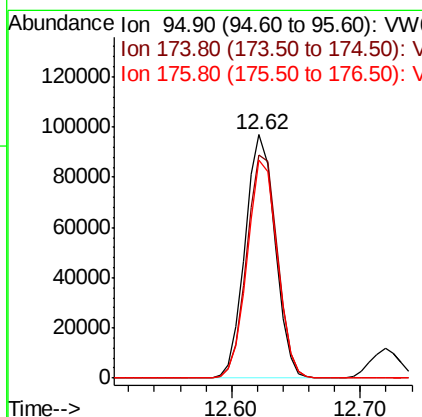
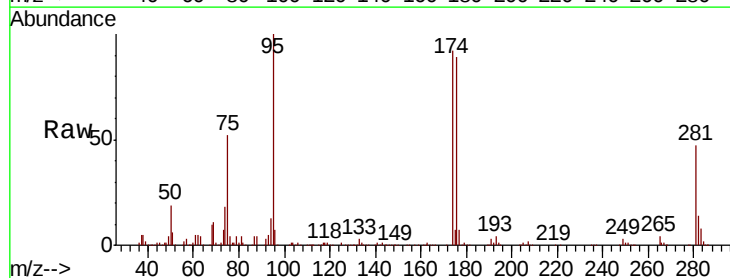
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.215 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion: 95 Resp: 155673
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 176.4
 176 89.5 0.0 173.0





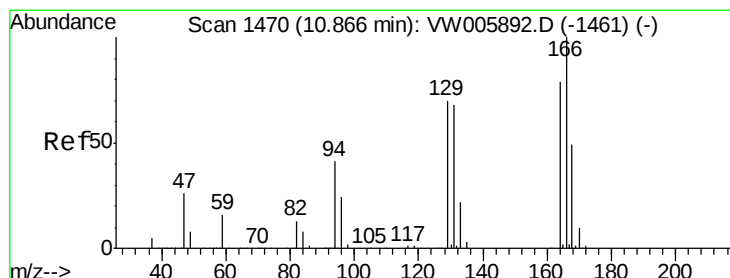
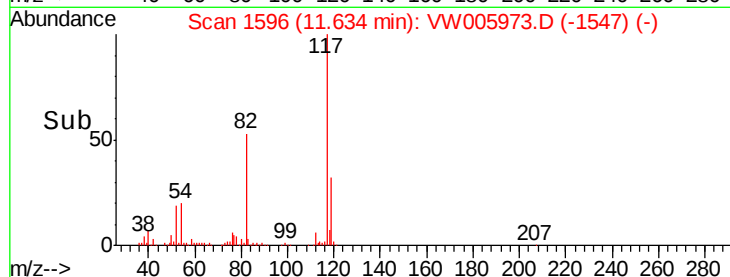
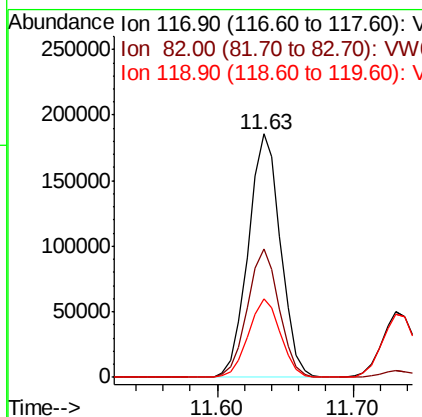
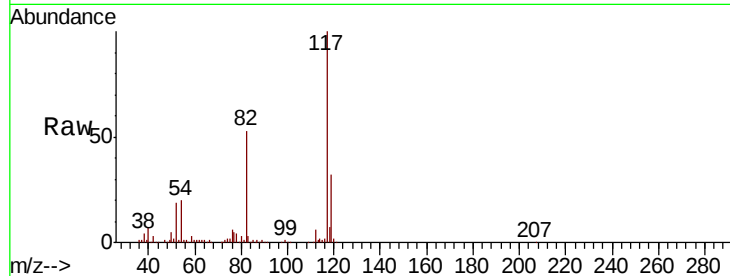
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.5	65.3
119	32.2	25.4	38.2

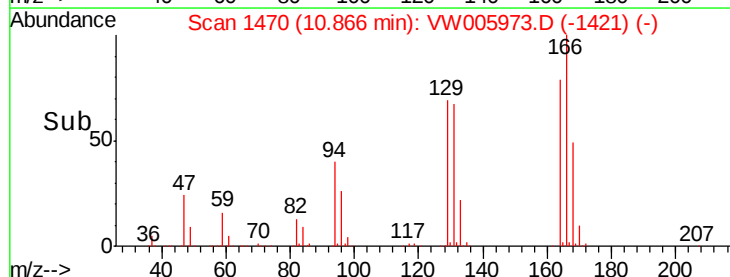
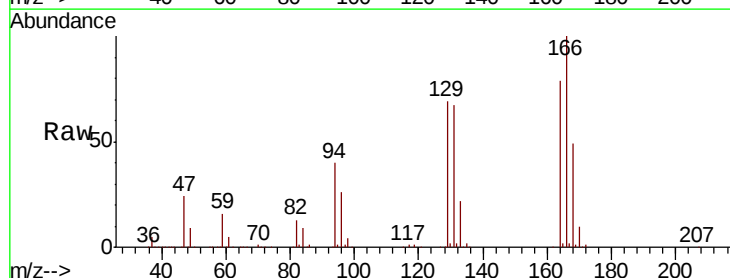
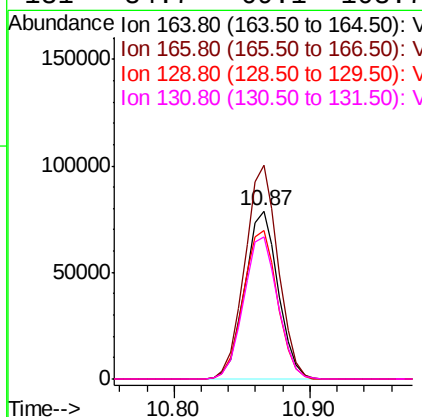
Manual Integrations
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#64
Tetrachloroethene
Concen: 58.888 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.5	152.3
129	88.1	71.1	106.7
131	84.7	69.1	103.7





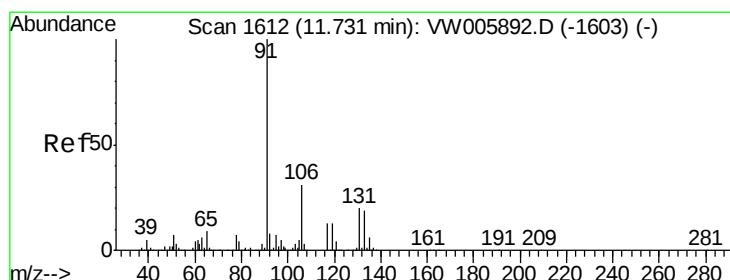
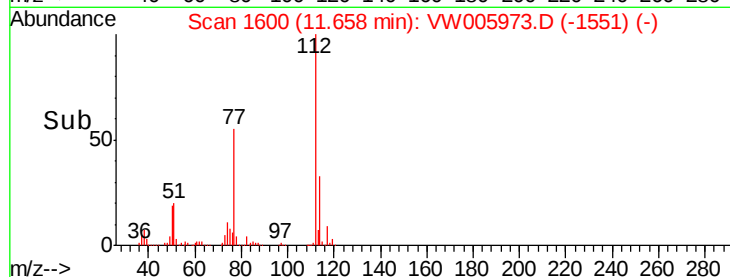
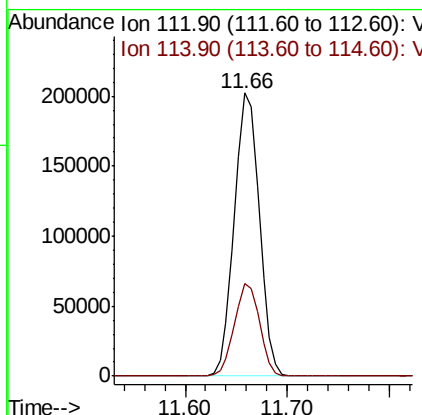
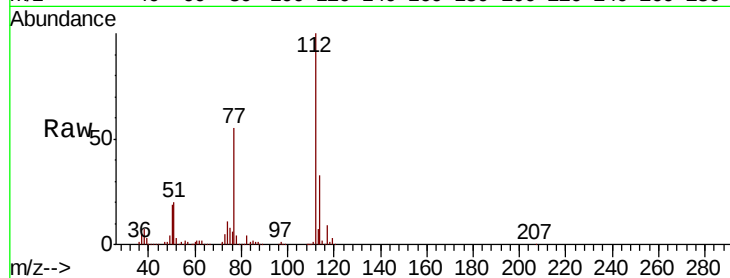
#65
Chlorobenzene
Concen: 51.937 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4

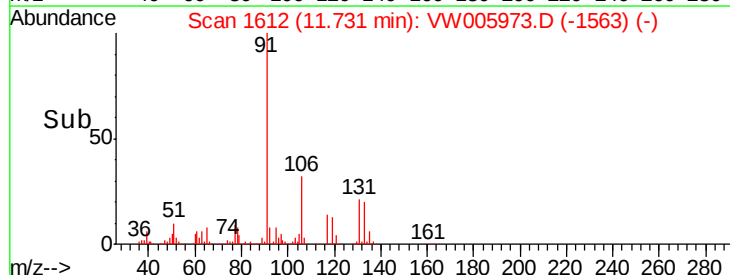
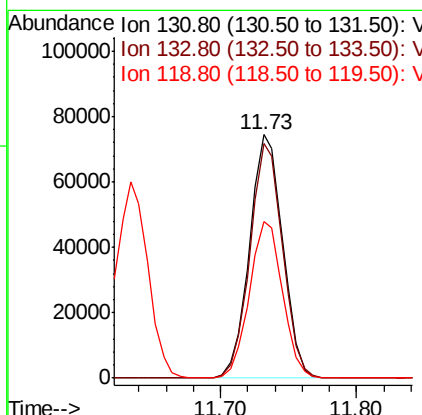
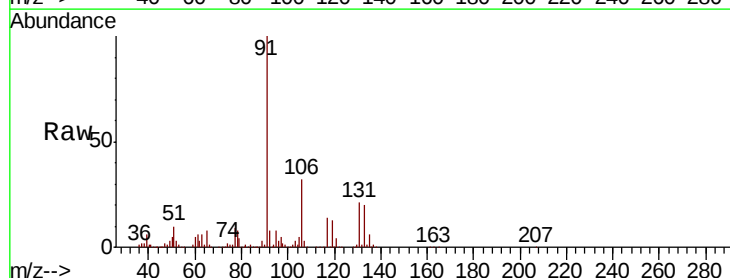
Manual Integrations
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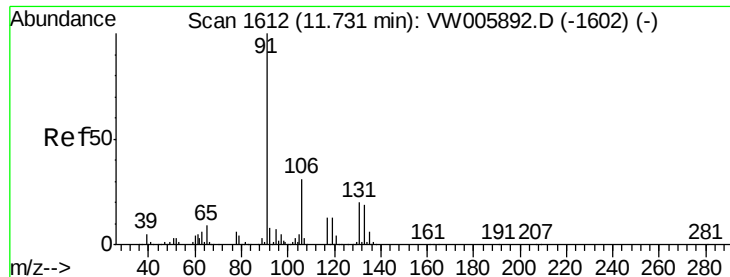
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.459 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.2	144.6
119	64.4	32.5	97.5





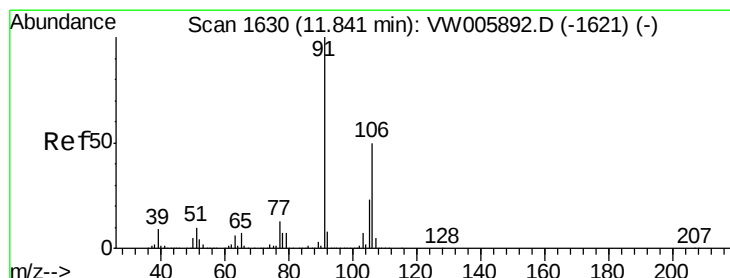
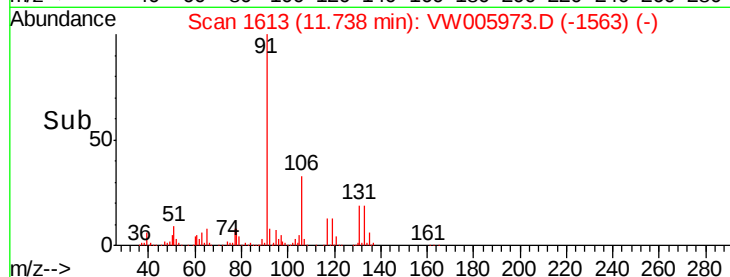
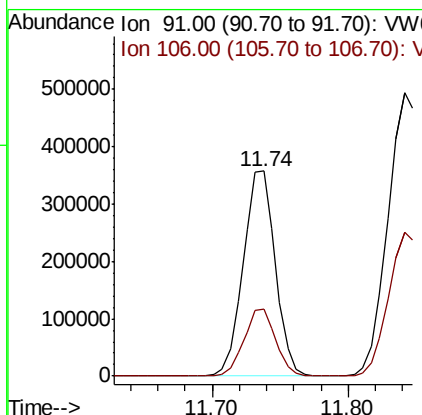
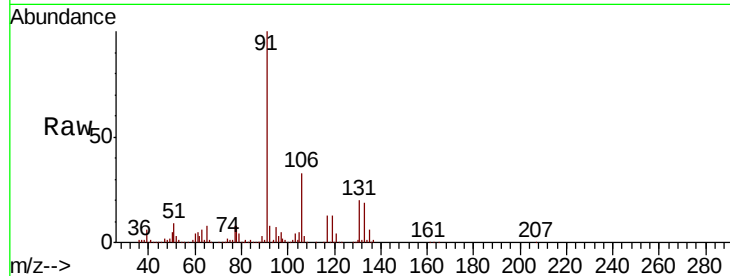
#67
Ethyl Benzene
Concen: 50.645 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 590696
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6

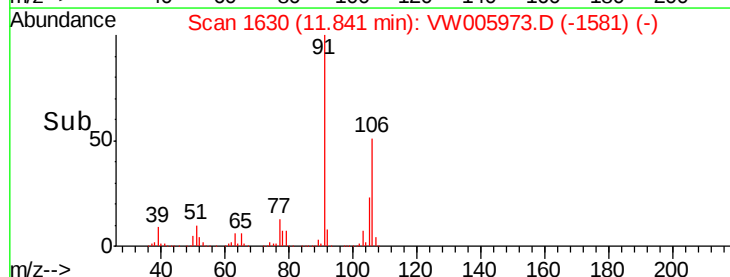
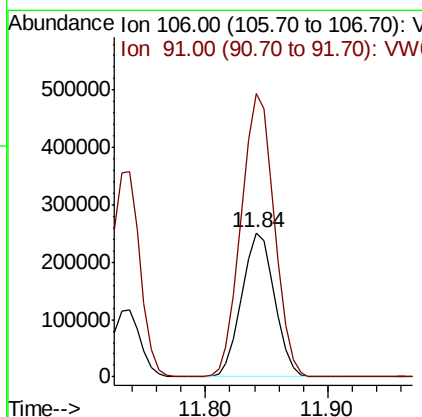
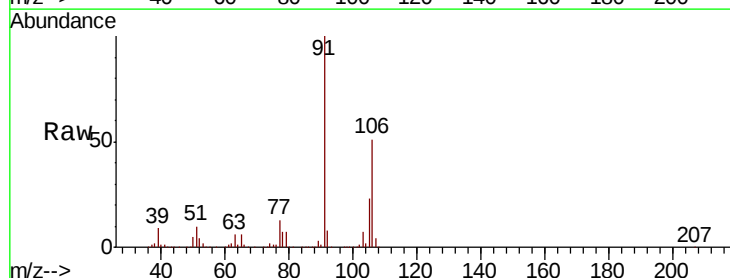
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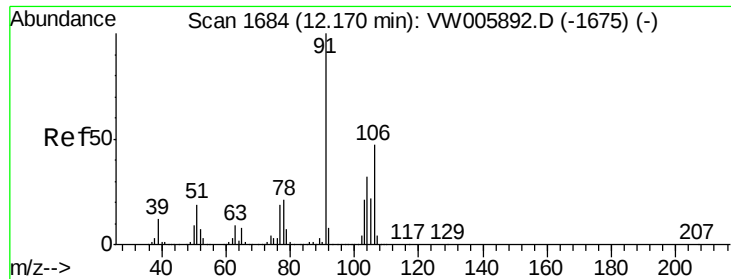
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#68
m/p-Xylenes
Concen: 103.078 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion: 106 Resp: 469831
Ion Ratio Lower Upper
106 100
91 197.9 160.2 240.2





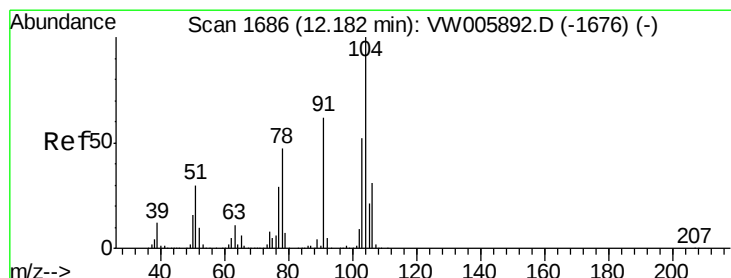
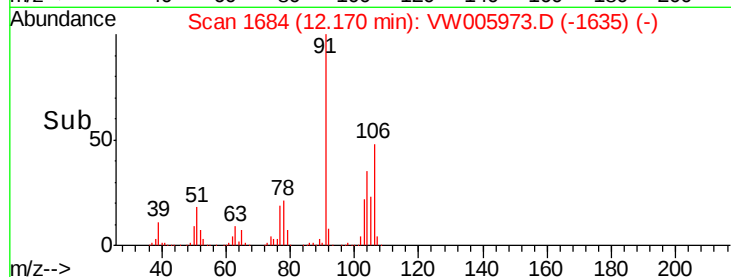
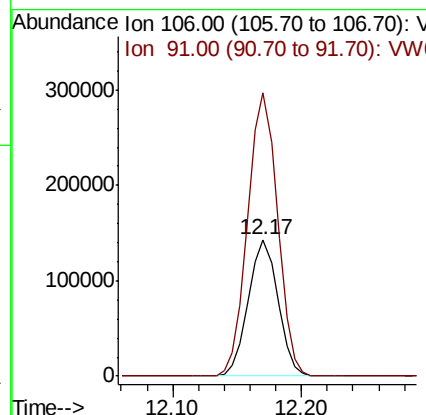
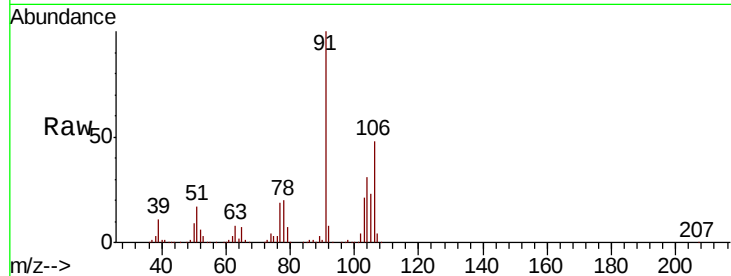
#69
o-Xylene
Concen: 52.079 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		227255		
91	209.3	106.2	318.5		

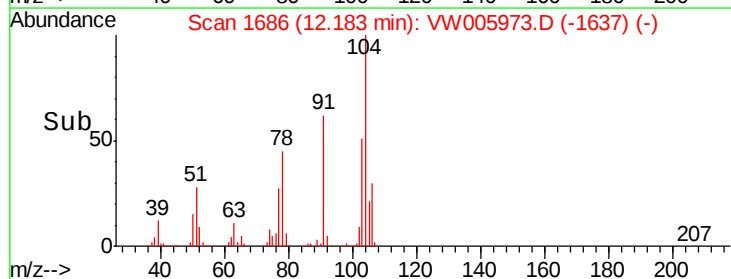
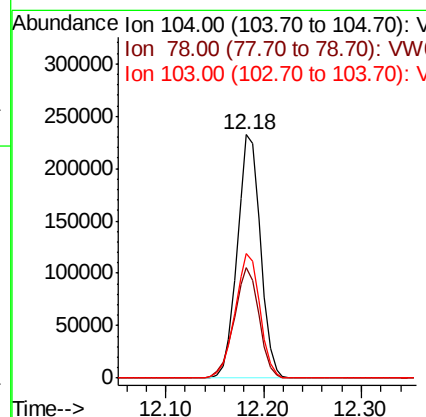
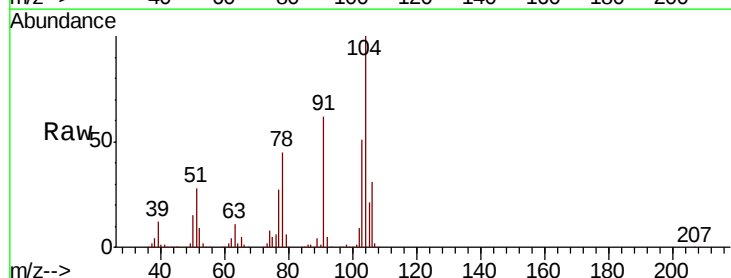
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#70
Styrene
Concen: 52.614 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		380929		
78	48.7	40.4	60.6		
103	55.0	44.2	66.2		





#71

Bromoform

Concen: 51.723 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

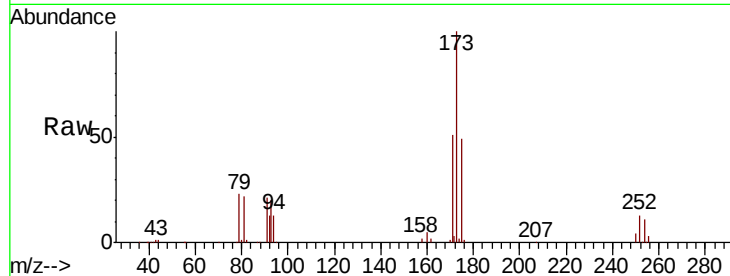
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.1	0.2	0.2

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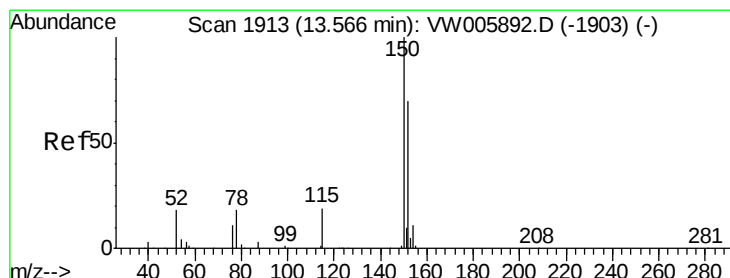
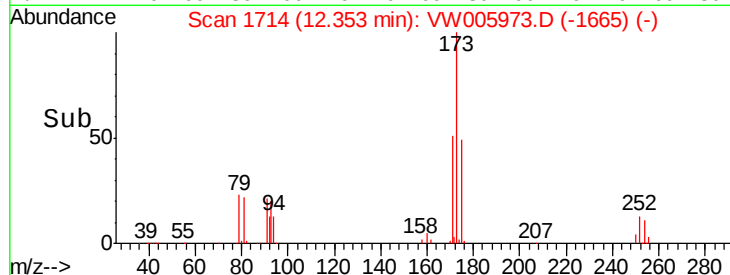
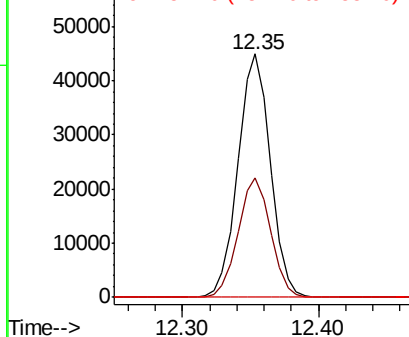


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

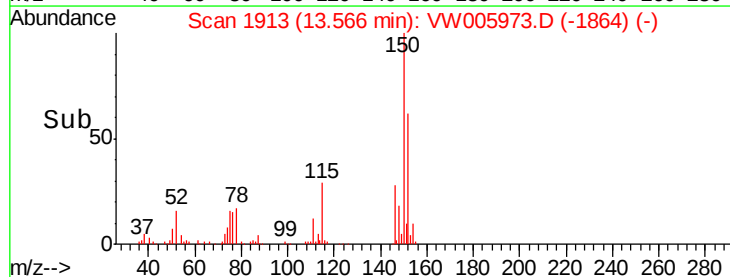
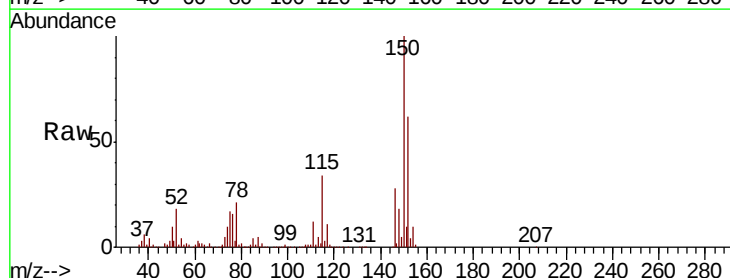
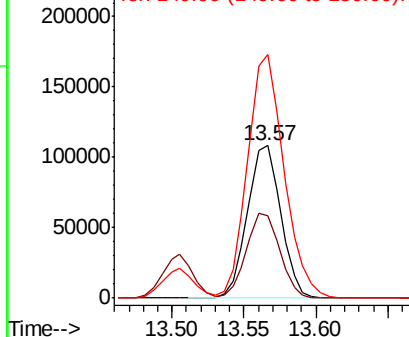
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.3	85.0
150	174.6	0.0	349.2

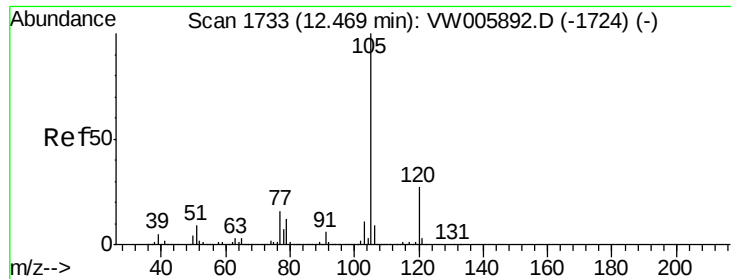
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





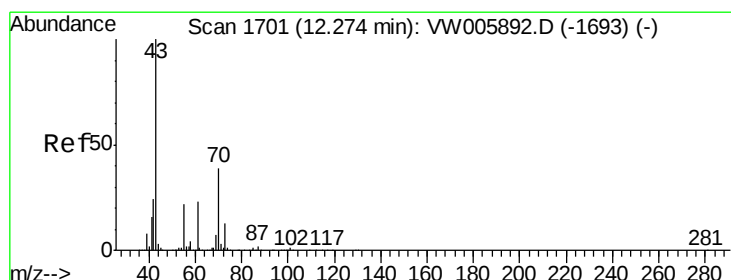
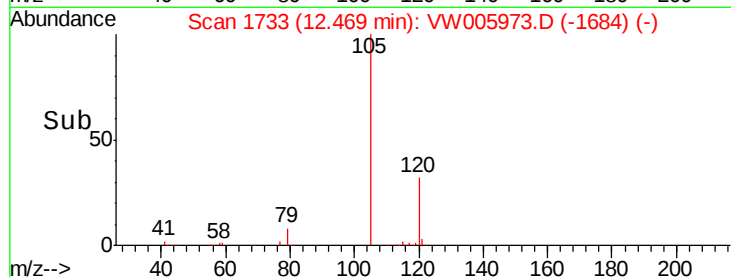
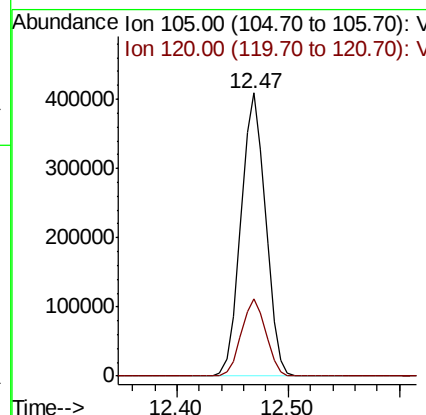
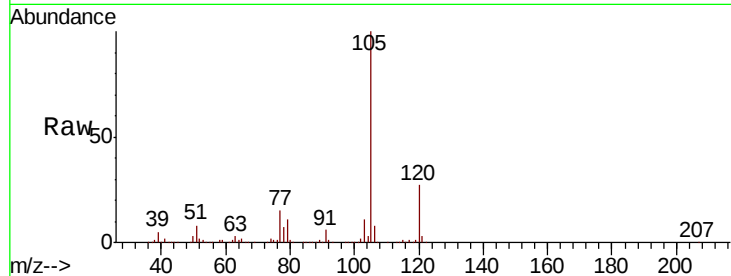
#73
Isopropylbenzene
Concen: 49.501 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8

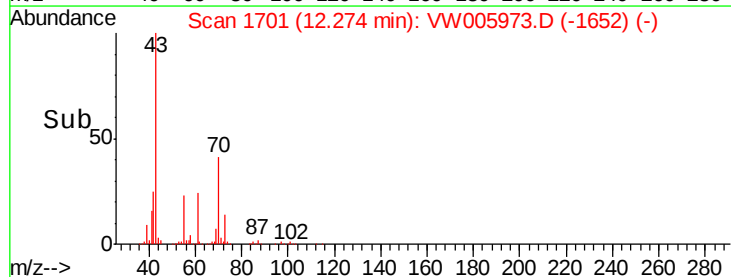
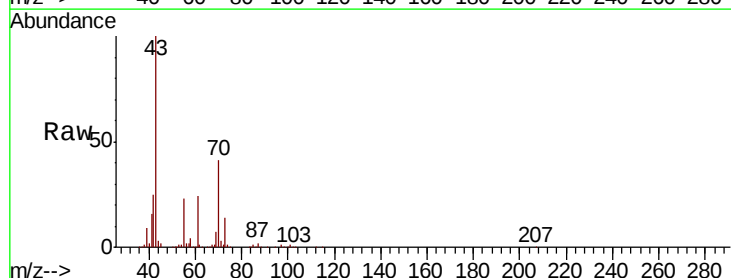
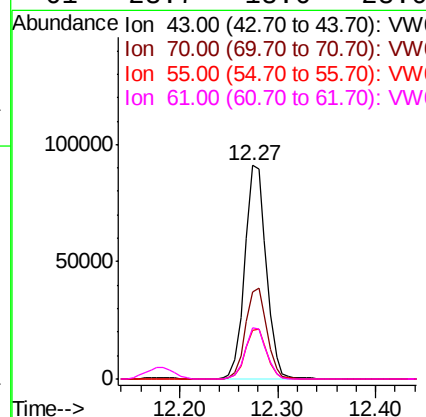
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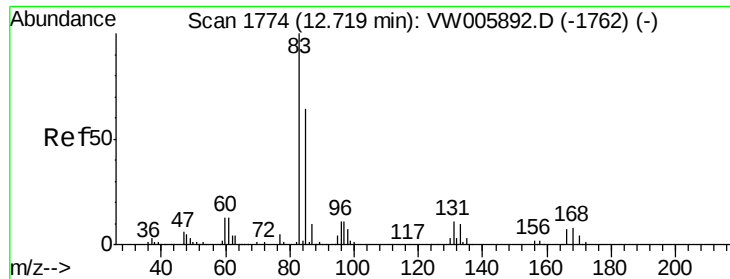
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#74
N-ethyl acetate
Concen: 45.937 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.3	31.6	47.4
55	23.4	17.9	26.9
61	23.7	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.914 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

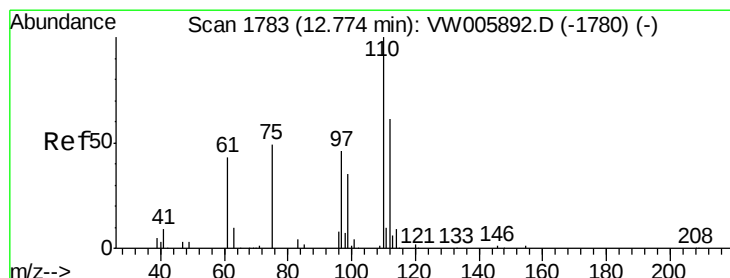
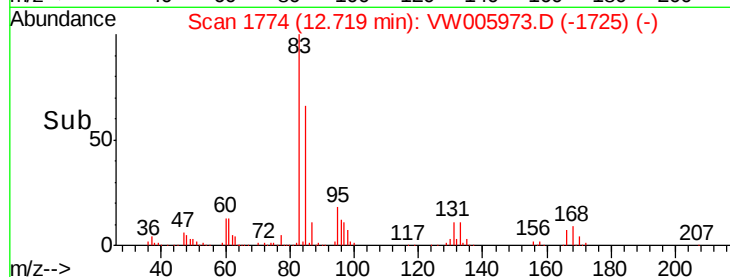
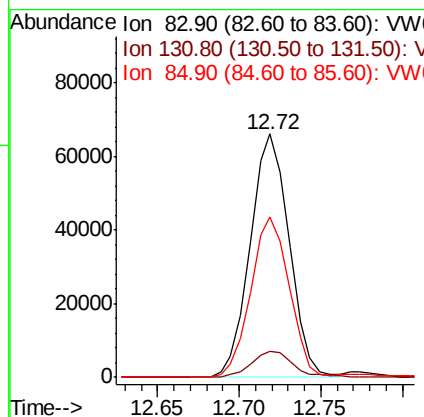
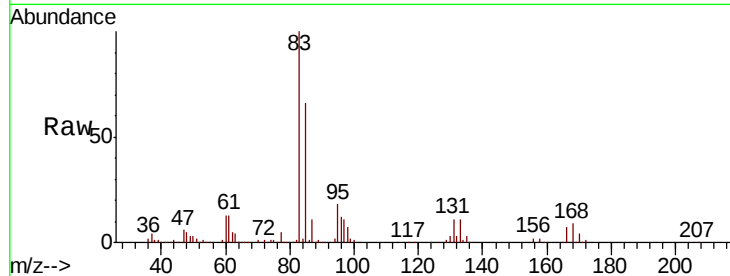
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	110019
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.3
85	65.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 52.670 ug/l m

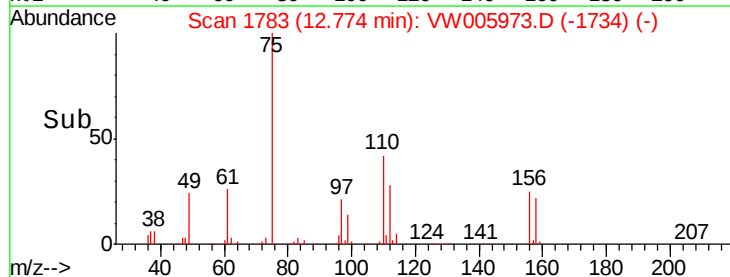
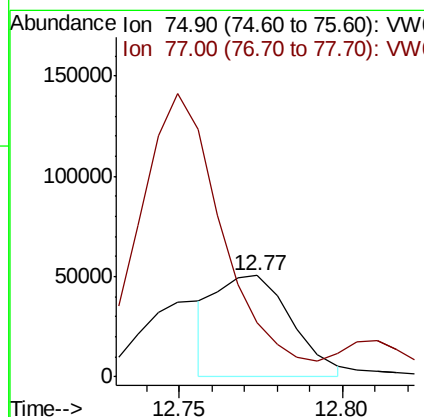
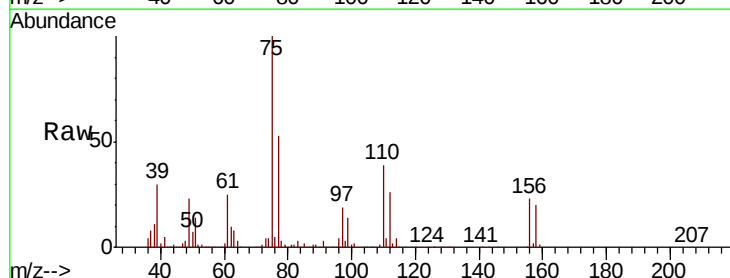
RT: 12.77 min Scan# 1783

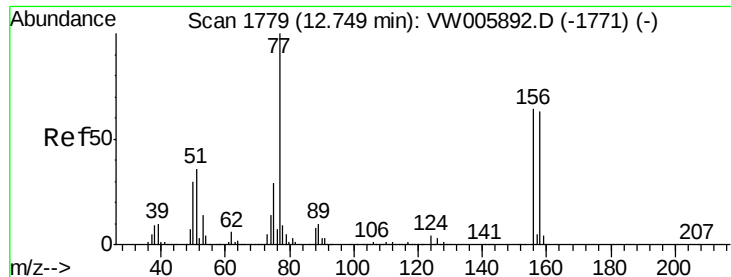
Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Tgt Ion:	75	Resp:	81722
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.429 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

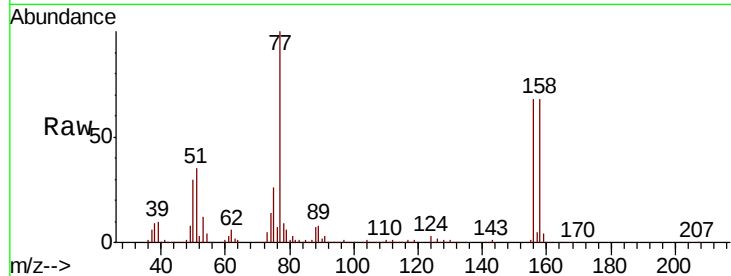
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	160577
Ion Ratio	Lower	Upper	
156	100		
77	159.2	85.8	257.4
158	97.0	49.1	147.4

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

150000

100000

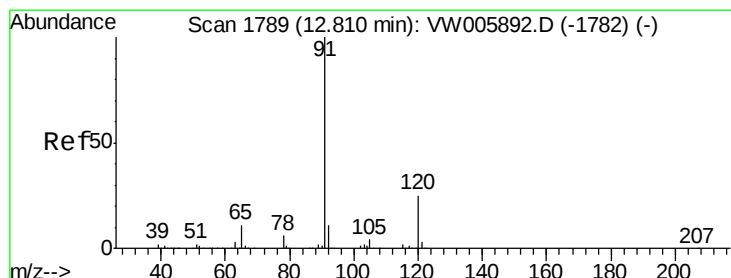
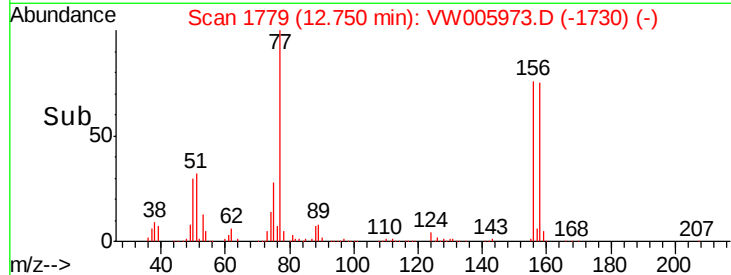
50000

0

12.70

12.80

Time-->



#78

n-propylbenzene

Concen: 48.795 ug/l

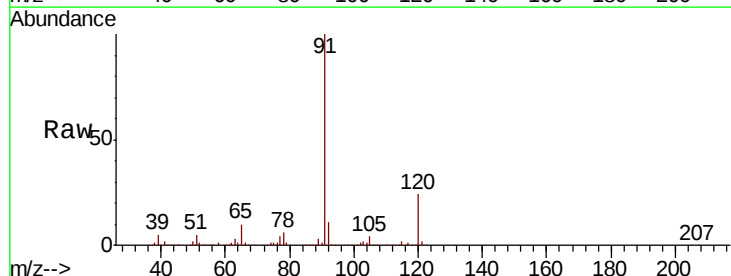
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Tgt Ion:	91	Resp:	728128
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

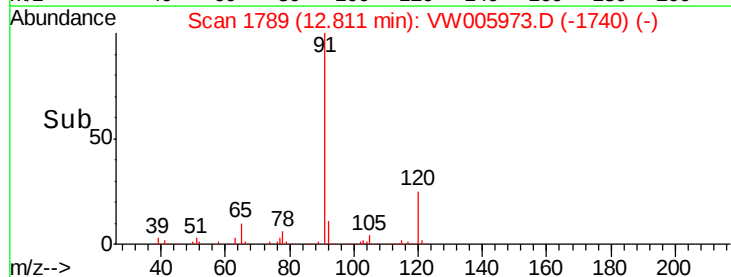
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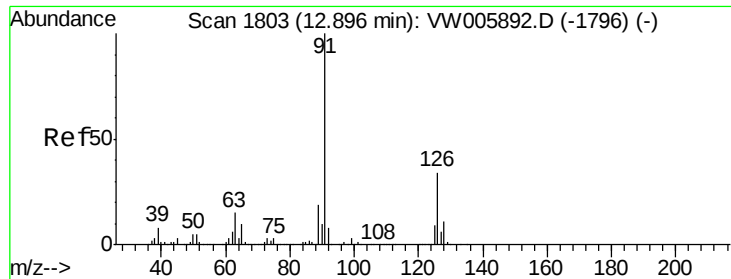
12.75

12.80

12.85

Time-->





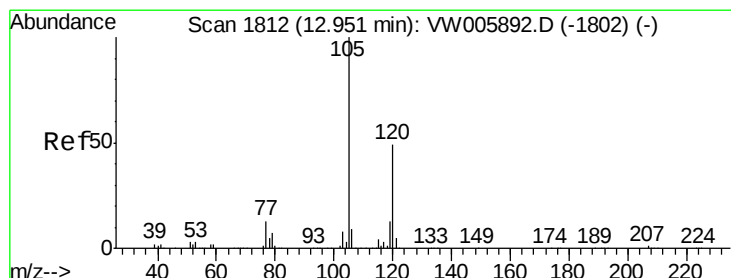
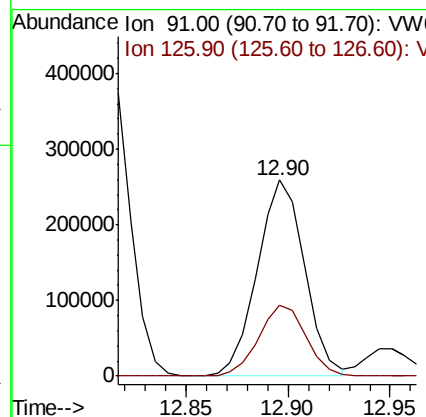
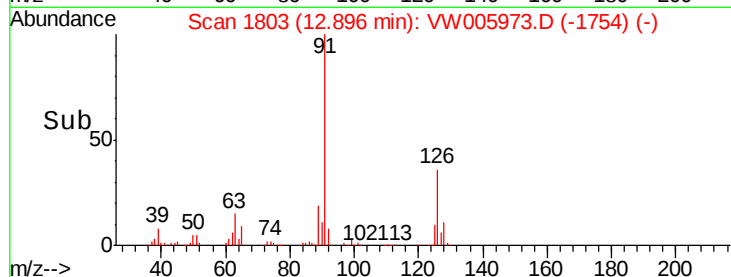
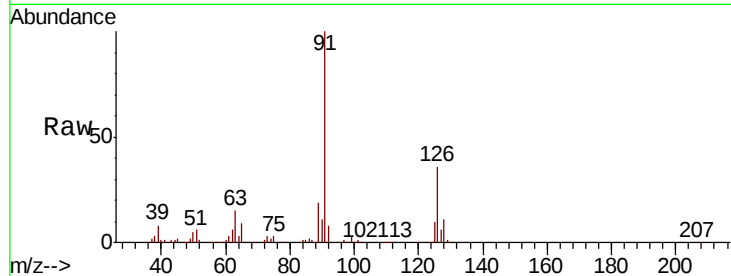
#79
 2-Chlorotoluene
 Concen: 49.605 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 417859
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.5 52.5

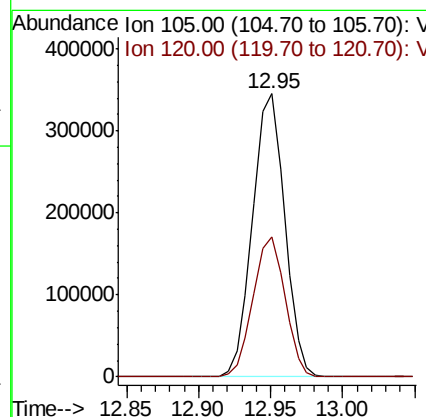
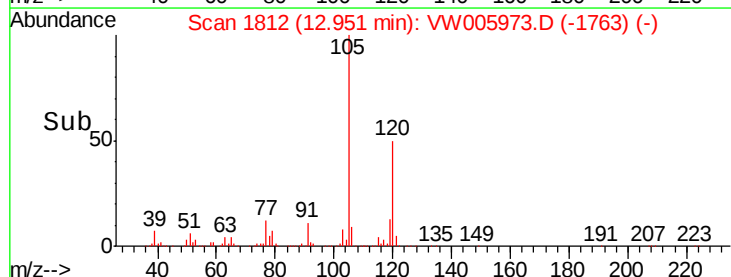
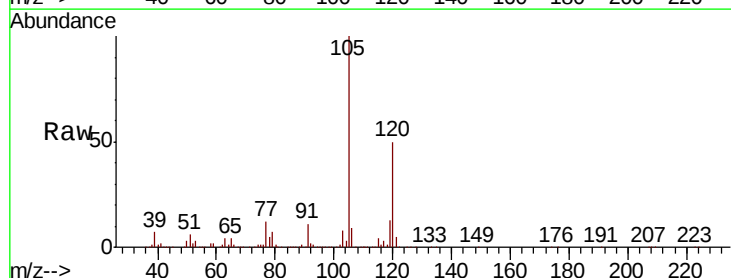
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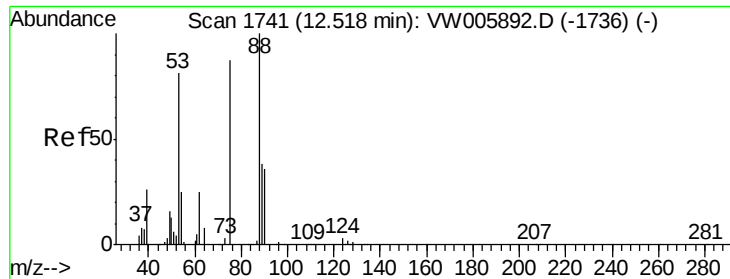
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.680 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion: 105 Resp: 532057
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8





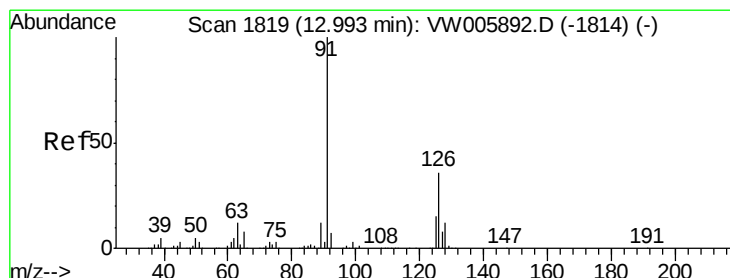
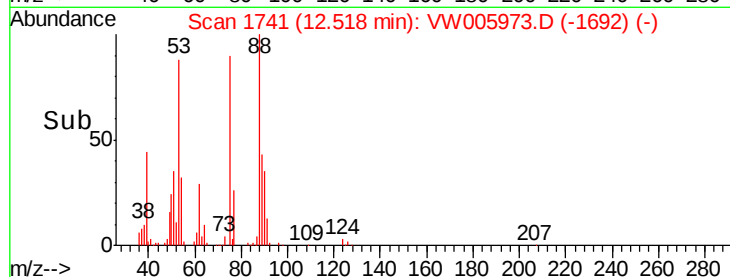
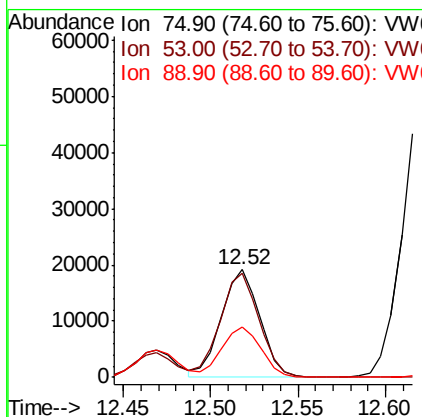
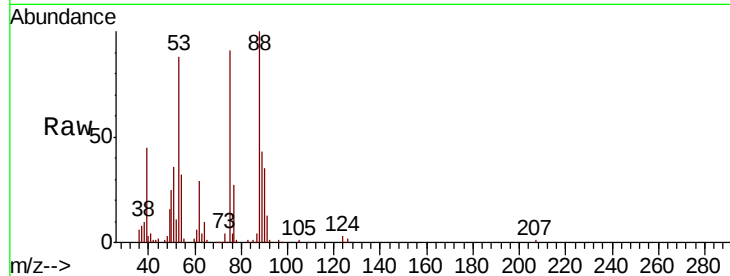
#81
trans-1,4-Dichloro-2-butene
Concen: 39.394 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	76.5	114.7
89	47.8	37.6	56.4

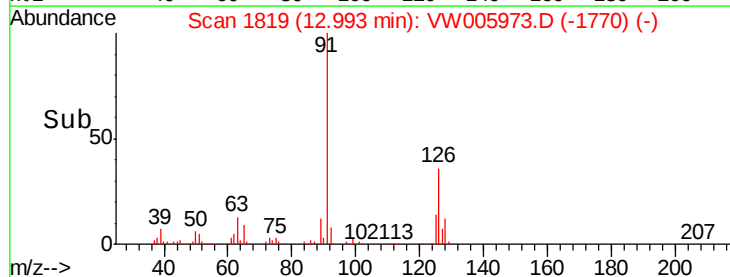
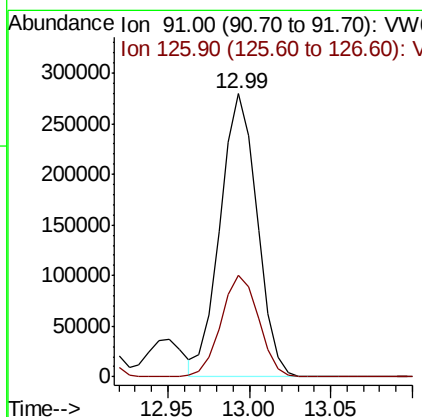
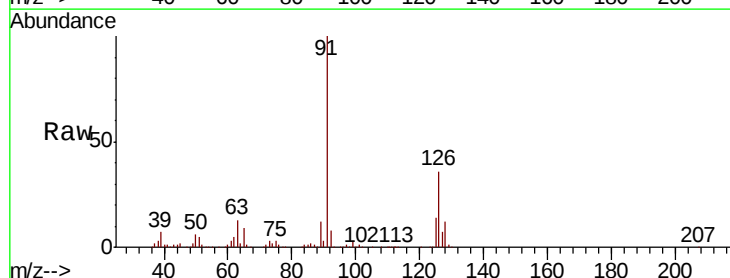
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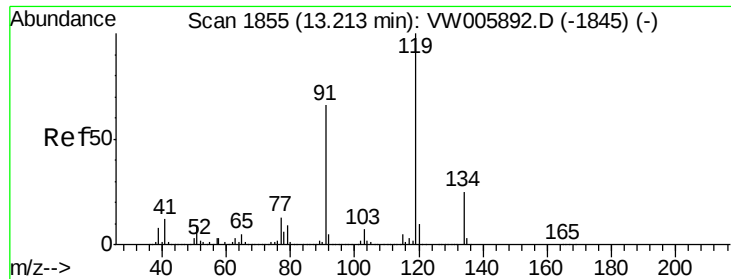
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#82
4-Chlorotoluene
Concen: 49.886 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.4	52.2





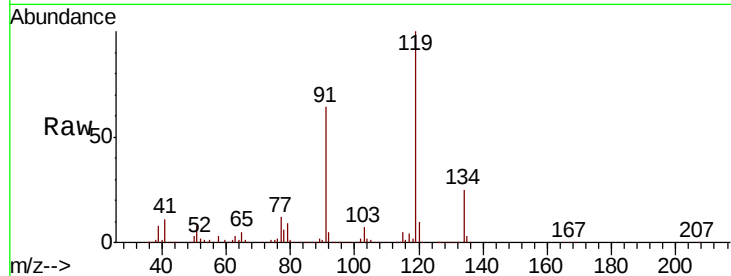
#83
tert-Butylbenzene
Concen: 49.794 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

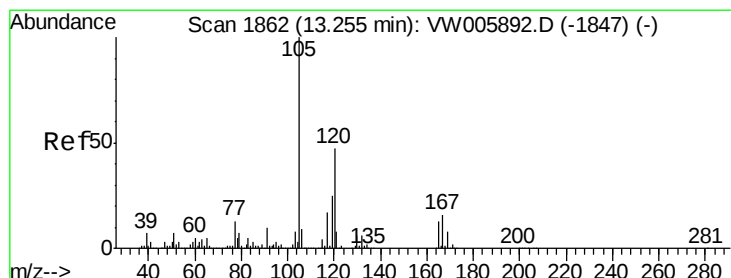
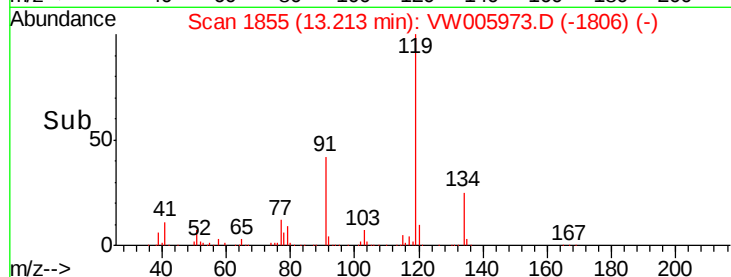
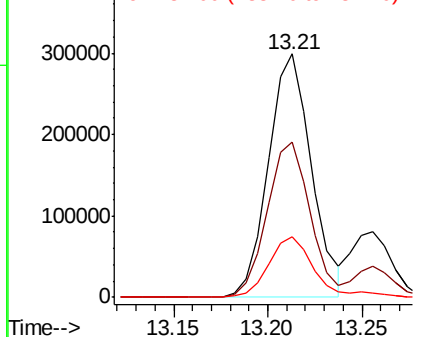
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.4	97.0
134	26.5	13.2	39.6

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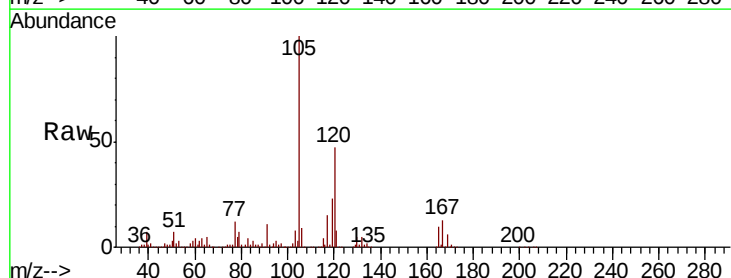


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

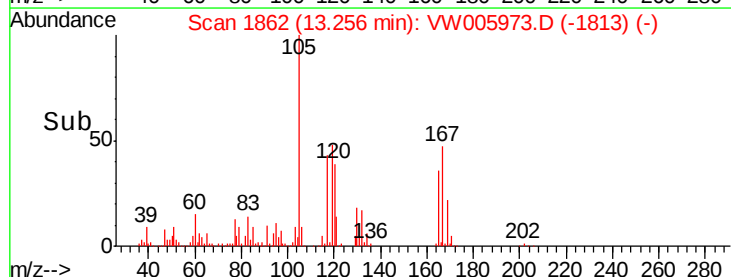
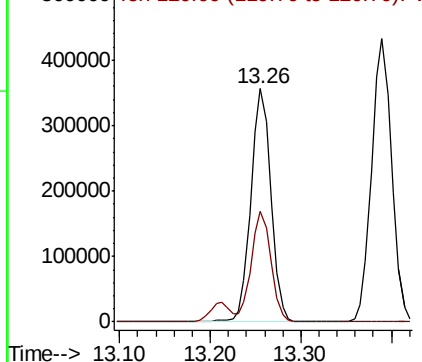


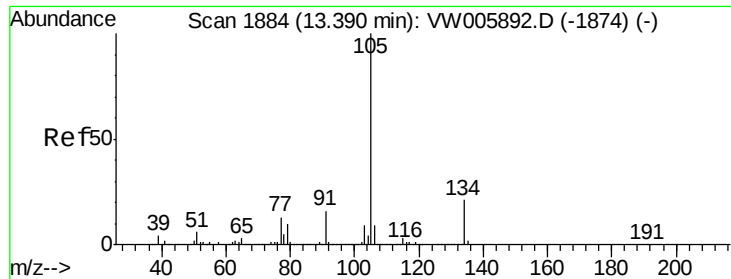
#84
1,2,4-Trimethylbenzene
Concen: 50.494 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.8	68.3



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





#85

sec-Butylbenzene

Concen: 49.639 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 663710

Ion Ratio Lower Upper

105 100

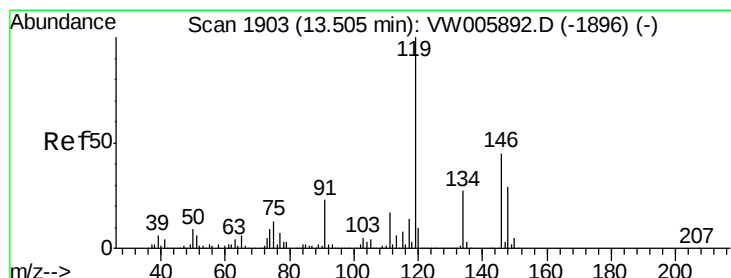
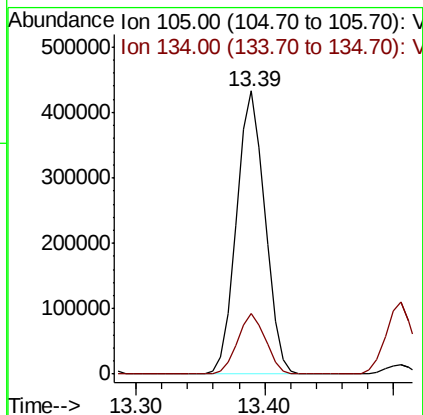
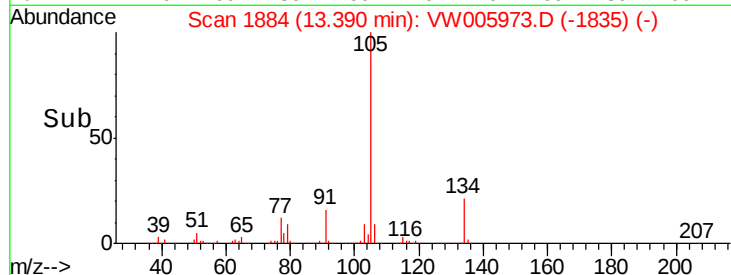
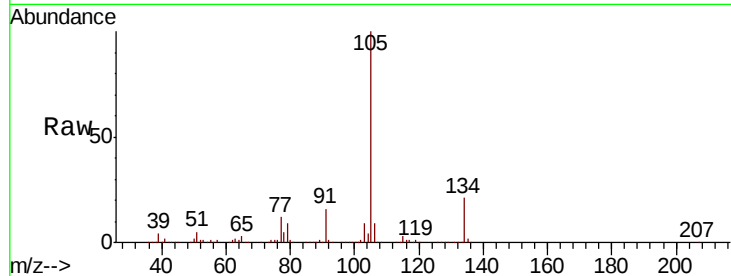
134 21.0 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 49.899 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005973.D

Acq: 10 Oct 2018 07:51

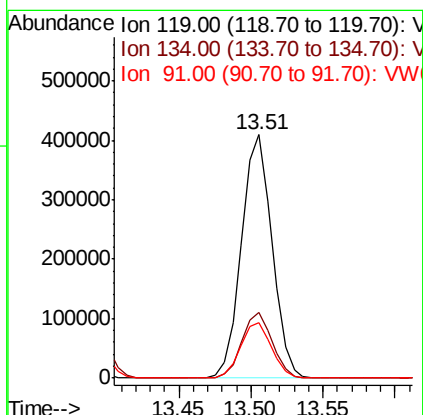
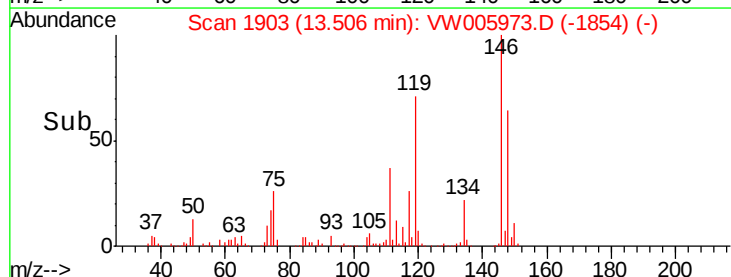
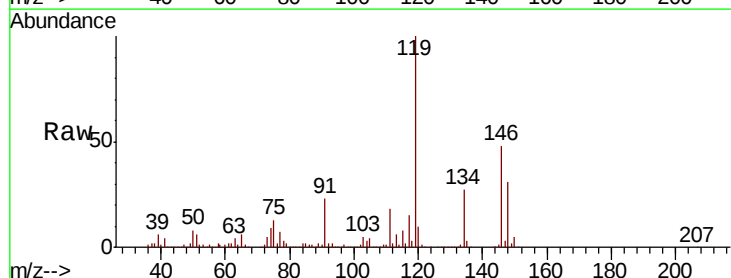
Tgt Ion:119 Resp: 599987

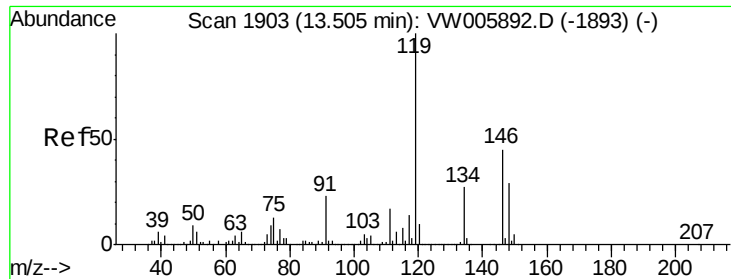
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 23.2 11.9 35.5





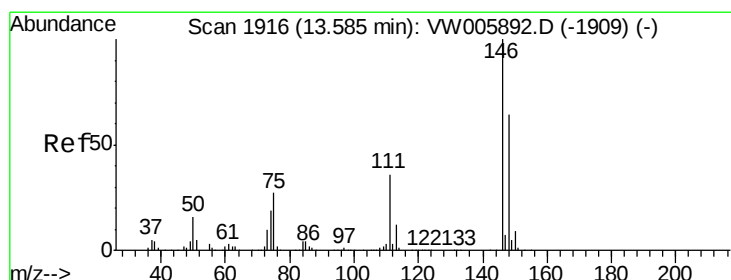
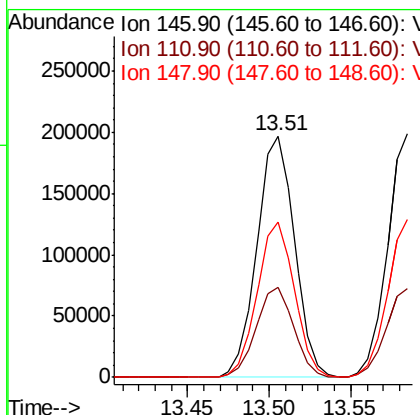
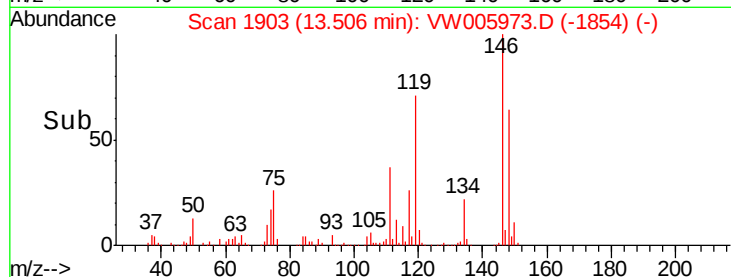
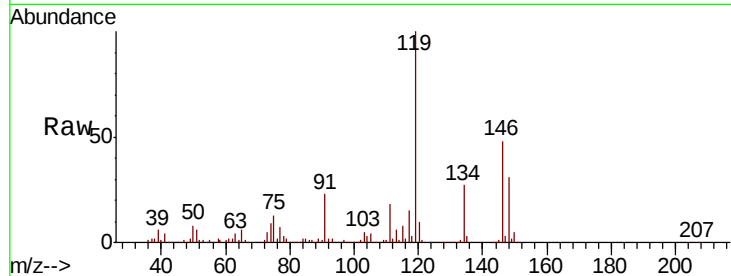
#87
 1,3-Dichlorobenzene
 Concen: 52.915 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.5	58.5
148	63.7	32.1	96.5

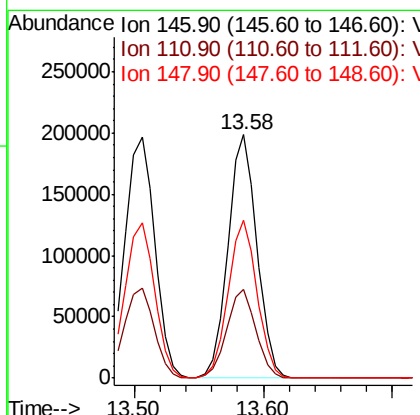
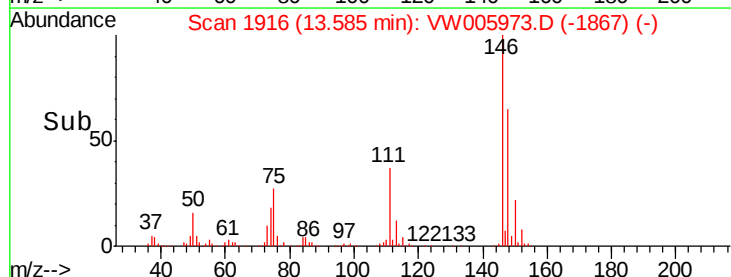
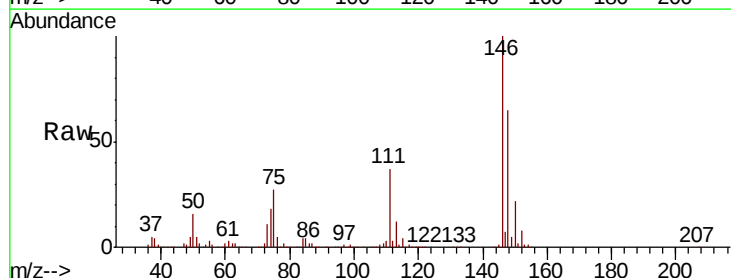
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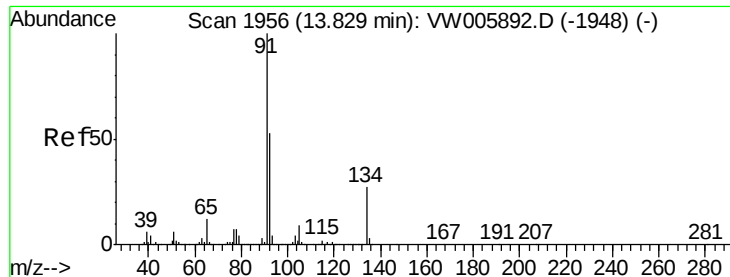
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#88
 1,4-Dichlorobenzene
 Concen: 52.486 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.0	57.0
148	64.8	32.0	96.2





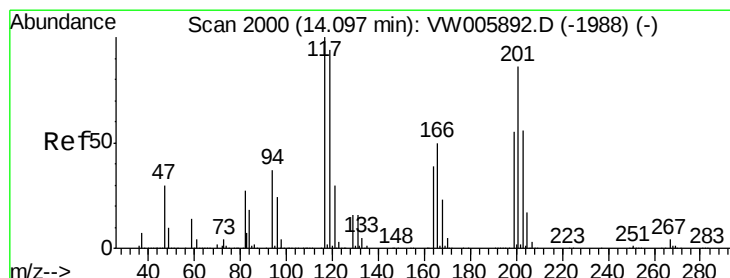
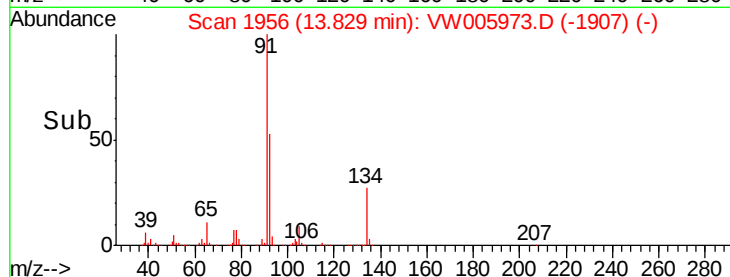
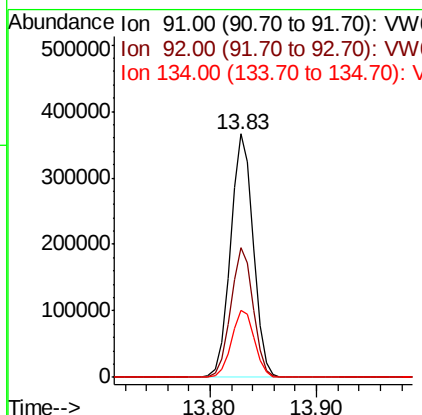
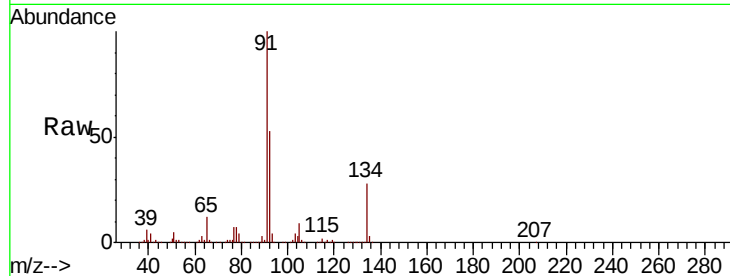
#89
n-Butylbenzene
Concen: 48.167 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	27.8	13.8	41.4

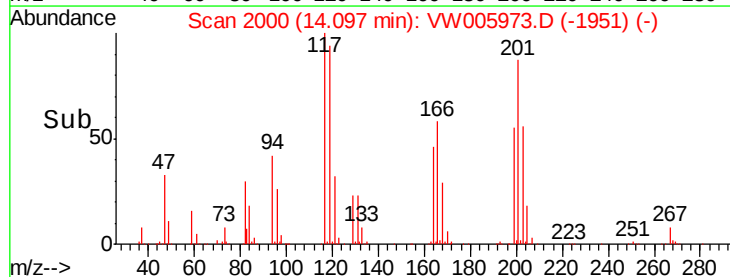
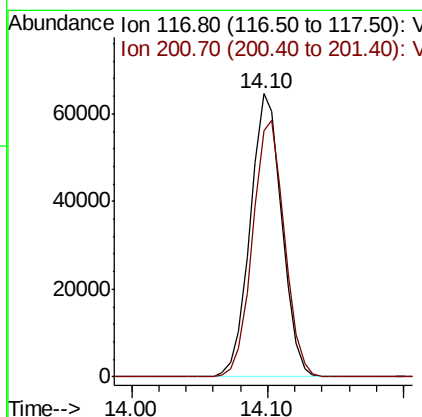
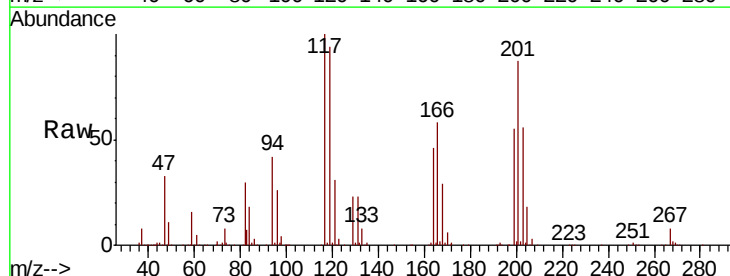
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#90
Hexachloroethane
Concen: 46.672 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	44.5	133.5





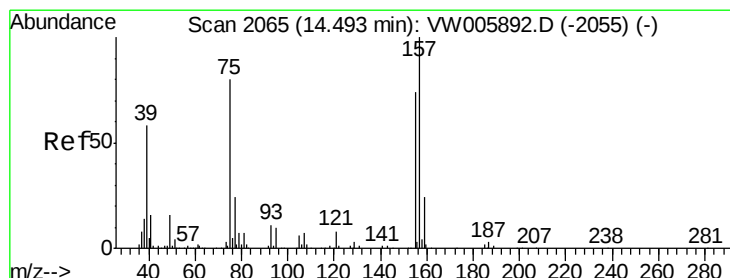
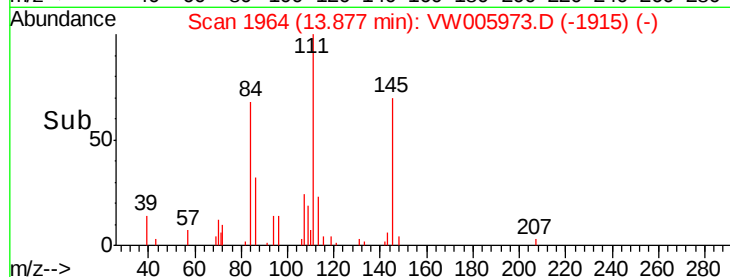
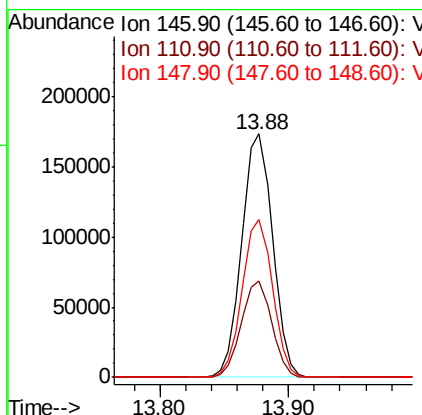
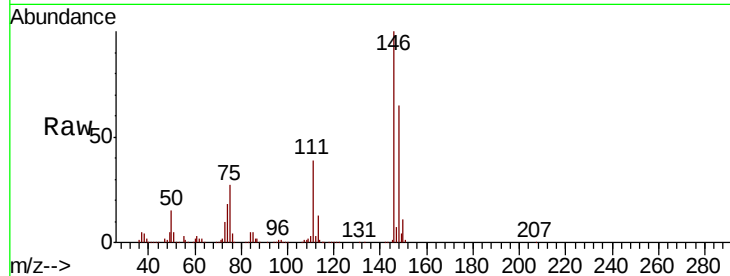
#91
 1,2-Dichlorobenzene
 Concen: 54.190 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	61.0
148	63.7	32.5	97.4

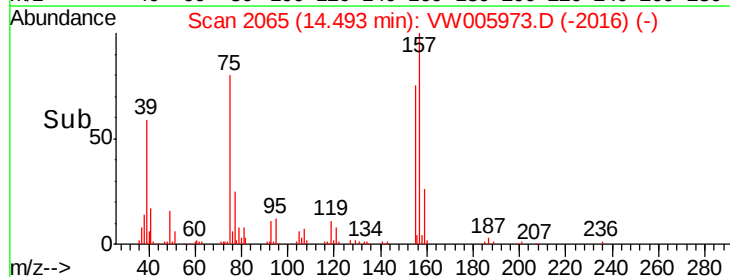
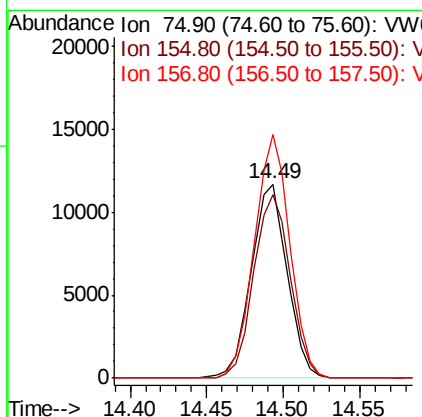
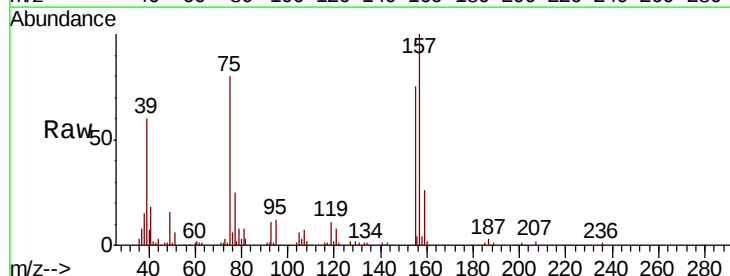
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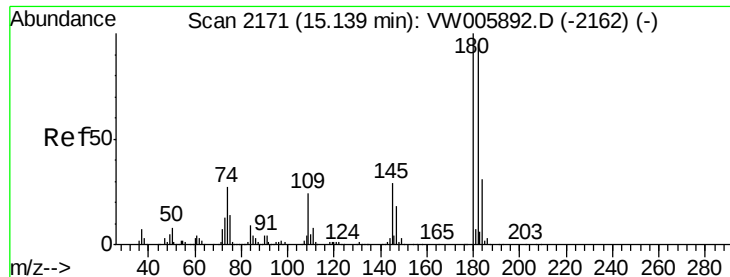
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.362 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	44.8	134.3
157	123.9	58.9	176.6





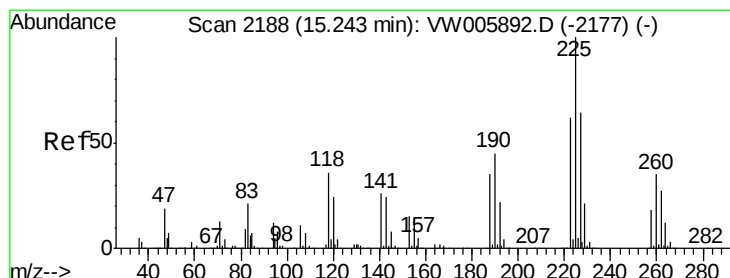
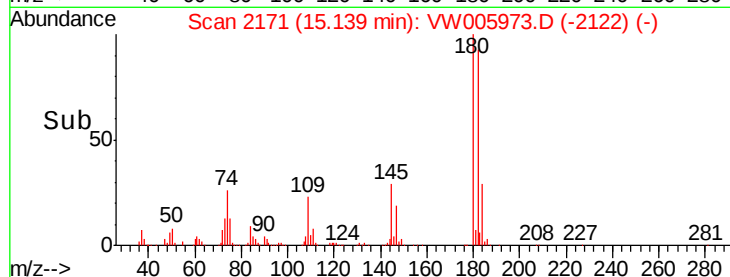
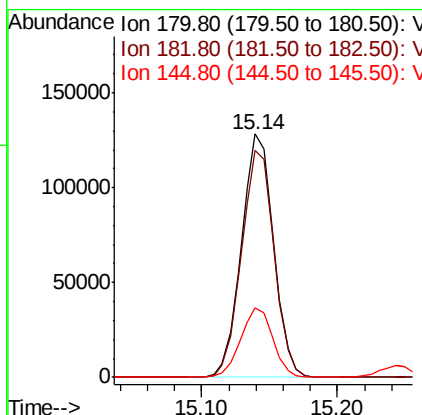
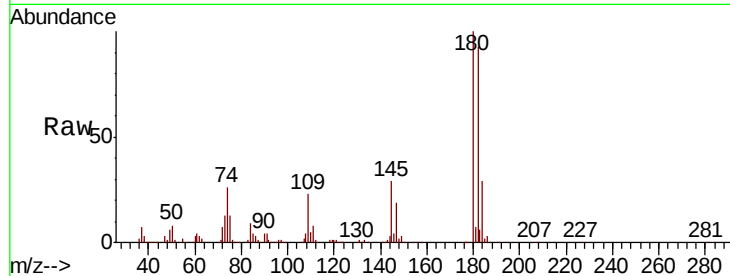
#93
 1,2,4-Trichlorobenzene
 Concen: 51.506 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211704		
182	94.7	47.8	143.3	
145	28.7	14.5	43.6	

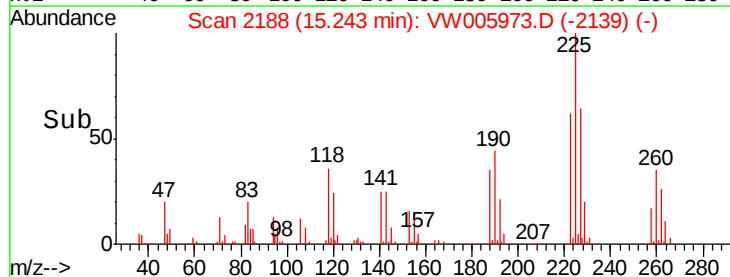
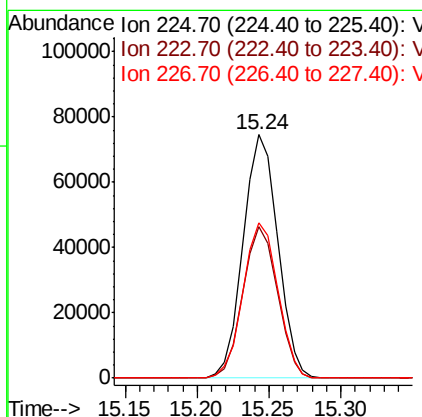
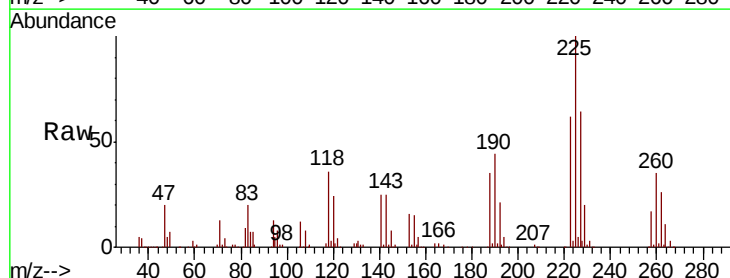
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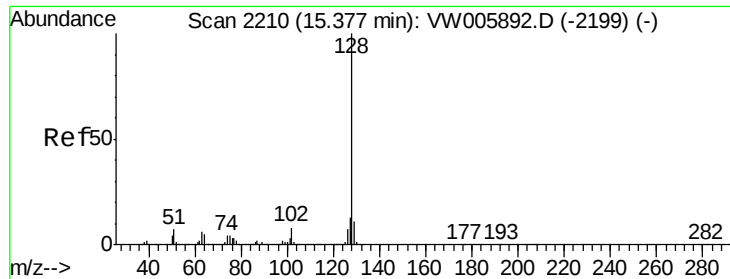
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#94
 Hexachlorobutadiene
 Concen: 48.418 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005973.D
 Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124219		
223	62.2	31.2	93.6	
227	64.3	31.9	95.9	





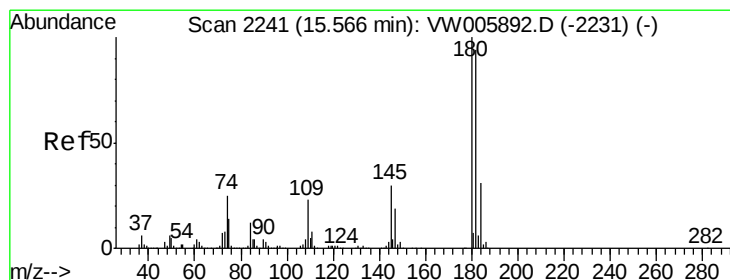
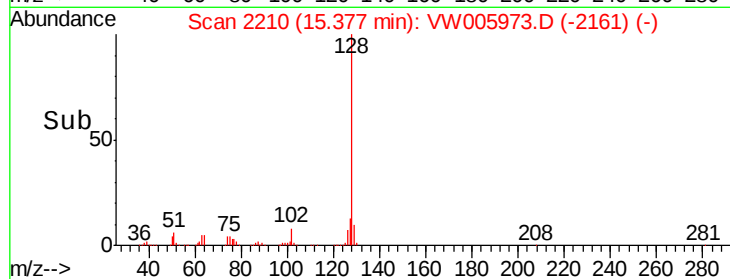
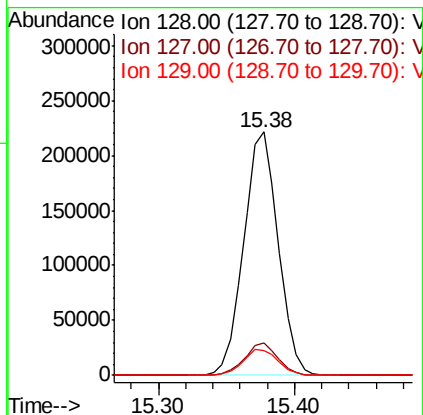
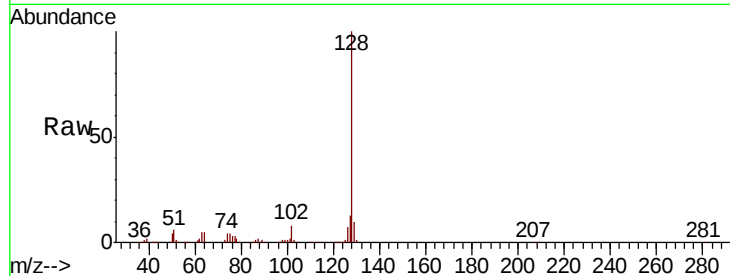
#95
Naphthalene
Concen: 55.242 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 53.343 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005973.D
Acq: 10 Oct 2018 07:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.8
145	30.3	15.3	45.9

