

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121518\
 Data File : VW007471.D
 Acq On : 13 Dec 2018 06:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/13/2018 4:39:52 PM

Quant Time: Dec 13 07:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43161	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	40658	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	151516	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	58791	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22777	42.211	ug/l	98
3) Chloromethane	2.22	50	20181	44.656	ug/l	97
4) Vinyl Chloride	2.37	62	25175	47.469	ug/l	97
5) Bromomethane	2.78	94	18109	50.821	ug/l	96
6) Chloroethane	2.93	64	15525	53.180	ug/l	94
7) Trichlorofluoromethane	3.26	101	22417	47.015	ug/l	95
8) Diethyl Ether	3.68	74	19172	51.374	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37134	47.200	ug/l	99
10) Methyl Iodide	4.26	142	67384	51.714	ug/l	100
11) Tert butyl alcohol	5.17	59	14776	251.142	ug/l	96
12) 1,1-Dichloroethene	4.03	96	37176	49.078	ug/l	99
13) Acrolein	3.89	56	10957	281.448	ug/l	99
14) Allyl chloride	4.67	41	54806	49.085	ug/l	99
15) Acrylonitrile	5.37	53	40884	259.880	ug/l	99
16) Acetone	4.12	43	36299	242.583	ug/l	94
17) Carbon Disulfide	4.37	76	109700	47.763	ug/l	98
18) Methyl Acetate	4.67	43	20895	51.450	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	62172	54.407	ug/l	99
20) Methylene Chloride	4.92	84	43508	53.439	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42230	49.837	ug/l	98
22) Diisopropyl ether	6.31	45	112601	52.466	ug/l	97
23) Vinyl Acetate	6.26	43	315042	262.442	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74504	51.364	ug/l	99
25) 2-Butanone	7.16	43	50740	259.740	ug/l	98
26) 2,2-Dichloropropane	7.16	77	45081	46.960	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47261	50.937	ug/l	99
28) Bromochloromethane	7.51	49	26148	47.925	ug/l	99
29) Tetrahydrofuran	7.52	42	32219	260.526	ug/l	96
30) Chloroform	7.68	83	81251	51.473	ug/l	97
31) Cyclohexane	7.95	56	58554	43.998	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68856	49.743	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58933	48.698	ug/l	98
37) Ethyl Acetate	7.25	43	23386	51.957	ug/l	97
38) Carbon Tetrachloride	8.07	117	64657	49.103	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69705	47.568	ug/l	92
40) Benzene	8.32	78	169181	50.375	ug/l	99
41) Methacrylonitrile	7.48	41	11791	46.002	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	54592	51.747	ug/l	100
43) Isopropyl Acetate	8.43	43	46182	51.943	ug/l	99
44) Trichloroethene	9.09	130	48351	50.417	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40833	52.540	ug/l	96
46) Dibromomethane	9.46	93	23187	52.537	ug/l	98
47) Bromodichloromethane	9.64	83	60099	51.914	ug/l	96
48) Methyl methacrylate	9.44	41	23382	51.207	ug/l	97
49) 1,4-Dioxane	9.45	88	8129	1135.153	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	112684	268.235	ug/l	99
52) Toluene	10.39	92	112142	51.598	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	59532	52.970	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66928	51.514	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32477	54.068	ug/l	96
56) Ethyl methacrylate	10.65	69	39658	54.929	ug/l	99
57) 1,3-Dichloropropane	10.93	76	54996	55.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86984	261.258	ug/l	99
59) 2-Hexanone	10.97	43	79358	283.301	ug/l	99
60) Dibromochloromethane	11.13	129	41905	55.280	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32421	54.617	ug/l	96
64) Tetrachloroethene	10.87	164	43546	49.845	ug/l	94
65) Chlorobenzene	11.66	112	128790	50.863	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	46249	51.860	ug/l	100
67) Ethyl Benzene	11.73	91	222994	51.223	ug/l	93
68) m/p-Xylenes	11.84	106	171430	101.293	ug/l	100
69) o-Xylene	12.17	106	83348	52.732	ug/l	99
70) Styrene	12.18	104	138199	54.132	ug/l	97
71) Bromoform	12.35	173	23158	50.733	ug/l #	99
73) Isopropylbenzene	12.47	105	228558	49.771	ug/l	100
74) N-amyl acetate	12.27	43	43244	51.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35553	52.272	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	27404m	55.457	ug/l	
77) Bromobenzene	12.75	156	52049	51.134	ug/l	95
78) n-propylbenzene	12.81	91	260002	50.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	154965	49.556	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	196074	50.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10808	48.315	ug/l	94
82) 4-Chlorotoluene	12.99	91	166758	50.590	ug/l	99
83) tert-Butylbenzene	13.21	119	171728	50.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199778	50.314	ug/l	98
85) sec-Butylbenzene	13.39	105	232256	50.041	ug/l	96
86) p-Isopropyltoluene	13.50	119	209903	50.341	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	102449	50.480	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	101565	49.779	ug/l	97
89) n-Butylbenzene	13.83	91	187498	48.507	ug/l	98
90) Hexachloroethane	14.10	117	36980	49.845	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	92864	51.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6786	49.717	ug/l	94

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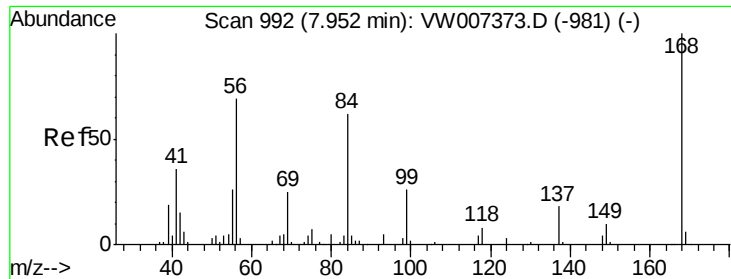
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62063	49.613	ug/l	96
94) Hexachlorobutadiene	15.24	225	30903	46.559	ug/l	99
95) Naphthalene	15.37	128	125342	52.377	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	55162	50.763	ug/l	97

(#) = 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: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 77218

Ion Ratio Lower Upper

168 100

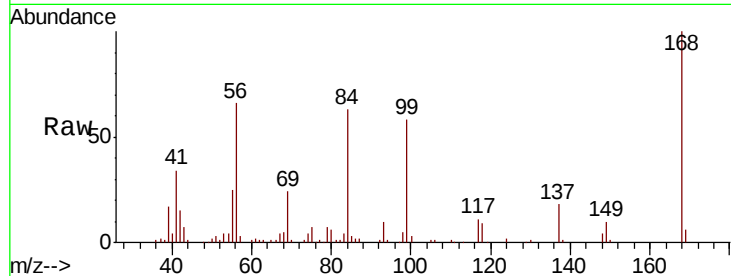
99 58.4 48.3 72.5

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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

40000

30000

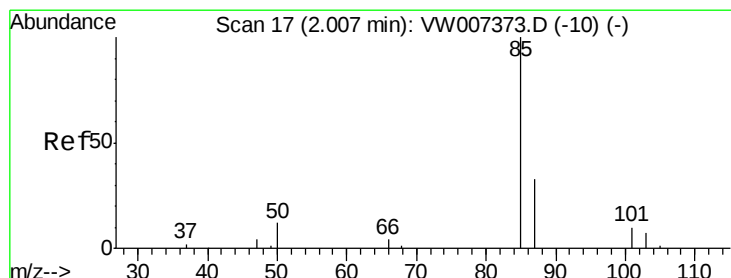
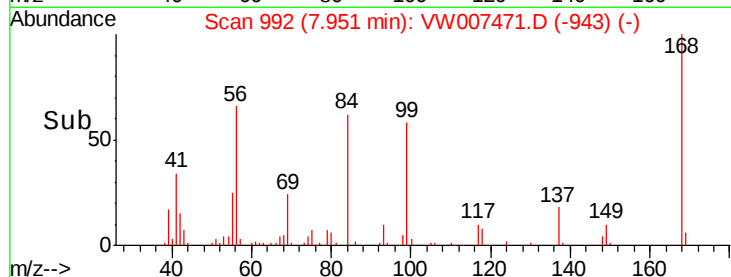
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 42.211 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007471.D

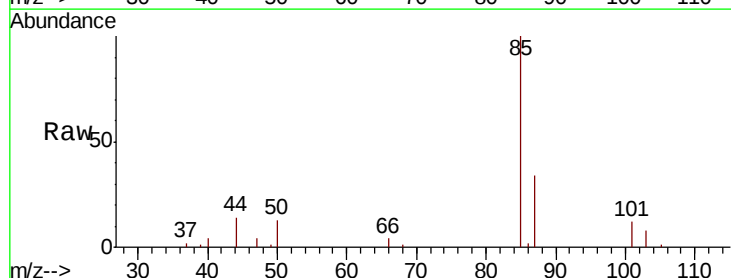
Acq: 13 Dec 2018 06:32

Tgt Ion: 85 Resp: 22777

Ion Ratio Lower Upper

85 100

87 34.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

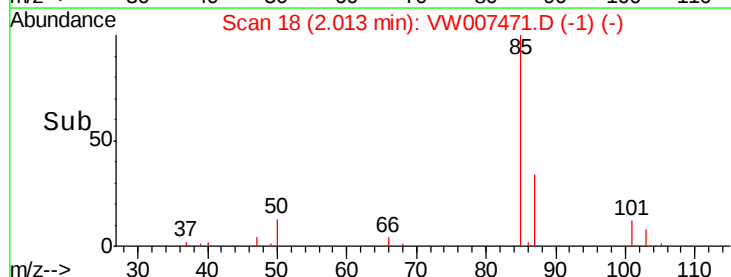
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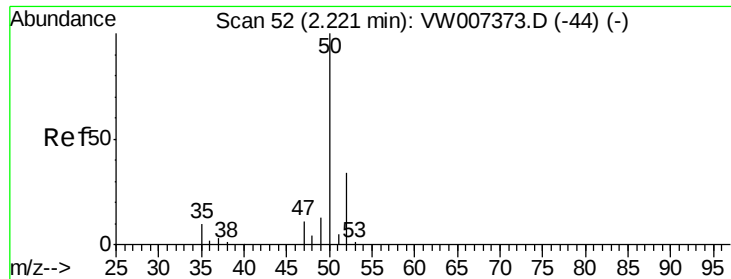
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 44.656 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 20181

Ion Ratio Lower Upper

50 100

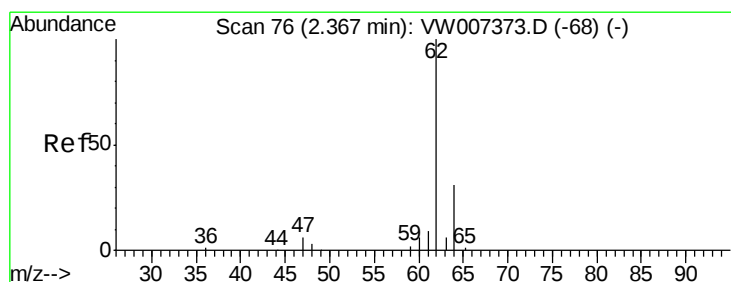
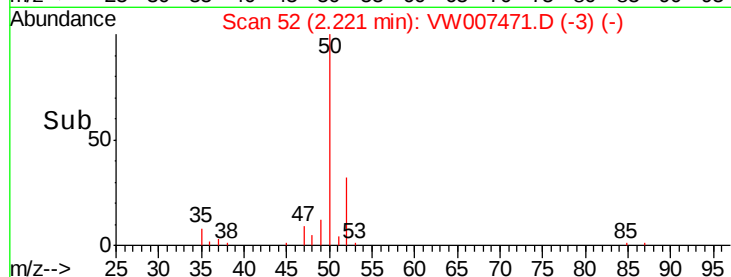
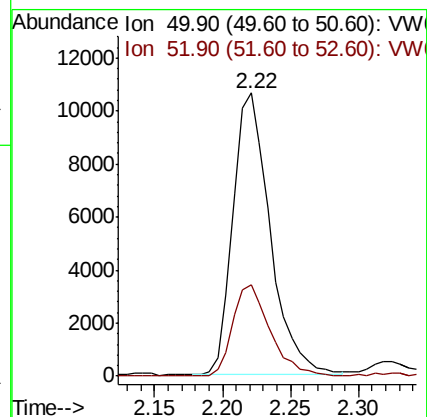
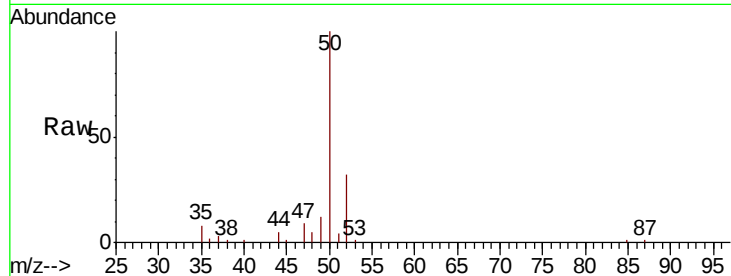
52 32.4 27.4 41.0

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#4

Vinyl Chloride

Concen: 47.469 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007471.D

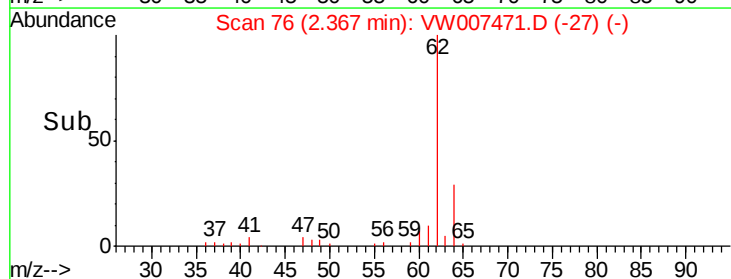
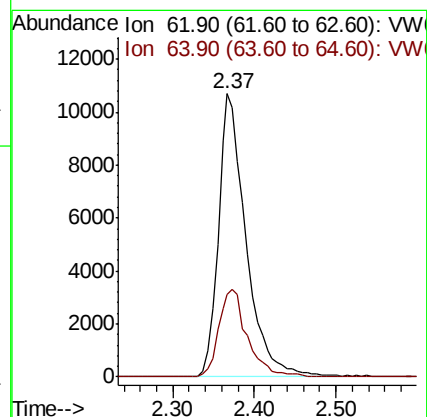
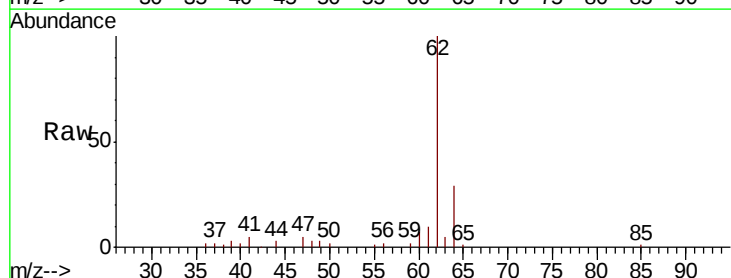
Acq: 13 Dec 2018 06:32

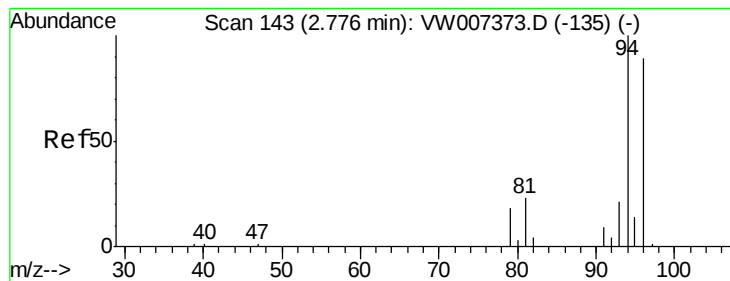
Tgt Ion: 62 Resp: 25175

Ion Ratio Lower Upper

62 100

64 29.1 24.6 37.0





#5

Bromomethane

Concen: 50.821 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 18109

Ion Ratio Lower Upper

94 100

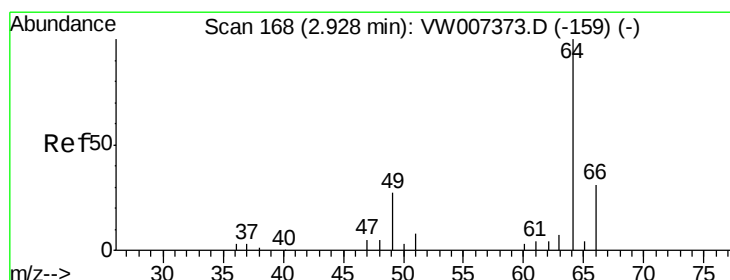
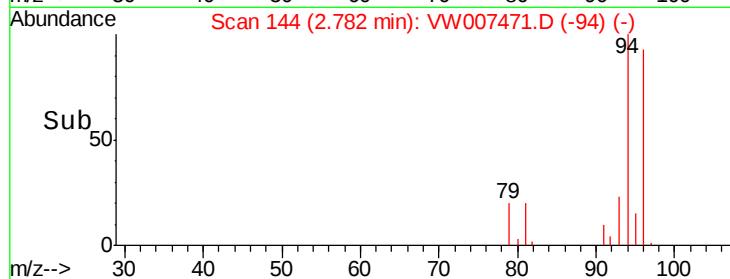
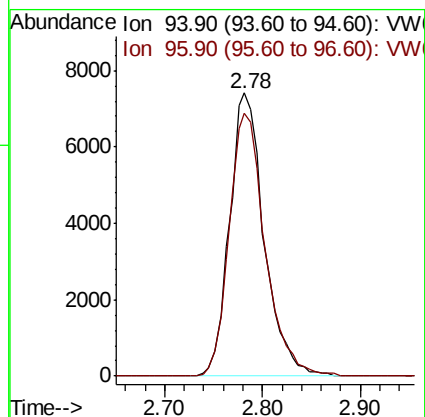
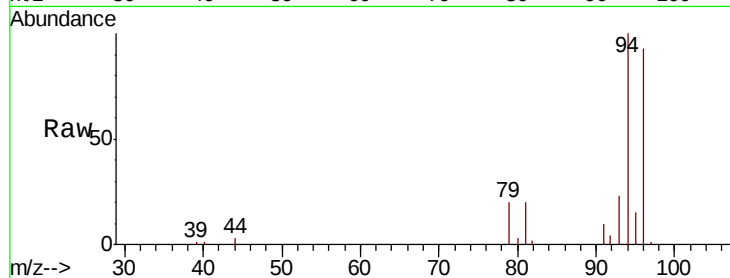
96 92.8 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 53.180 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007471.D

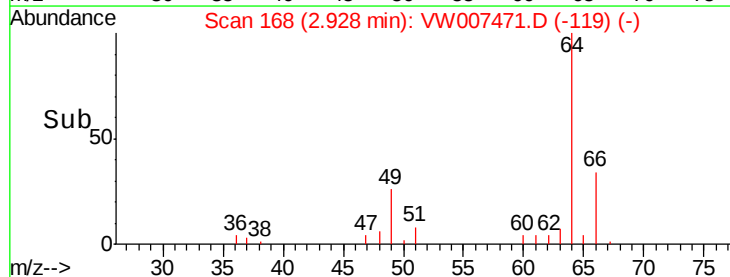
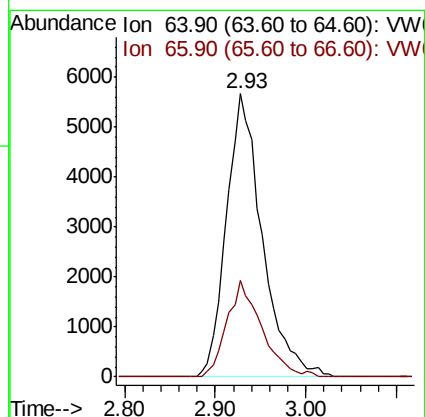
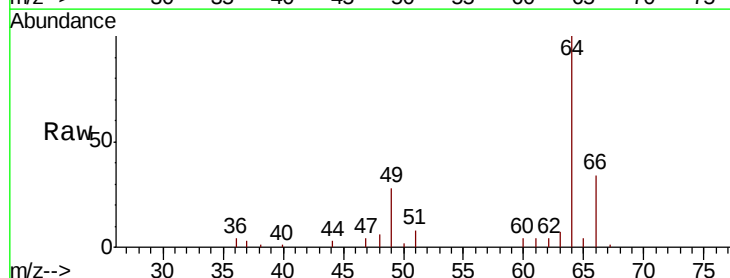
Acq: 13 Dec 2018 06:32

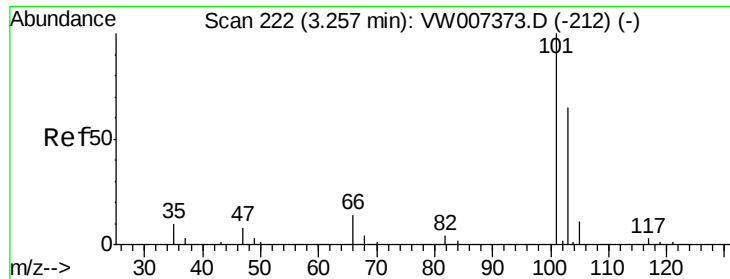
Tgt Ion: 64 Resp: 15525

Ion Ratio Lower Upper

64 100

66 33.9 24.6 37.0





#7

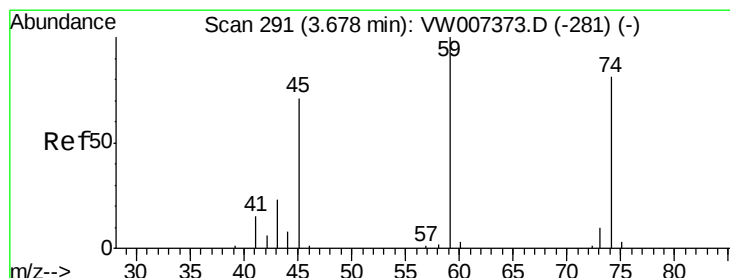
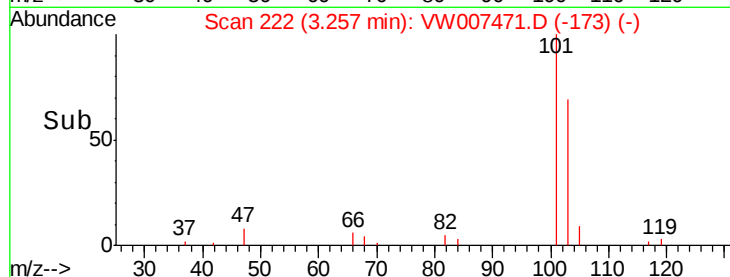
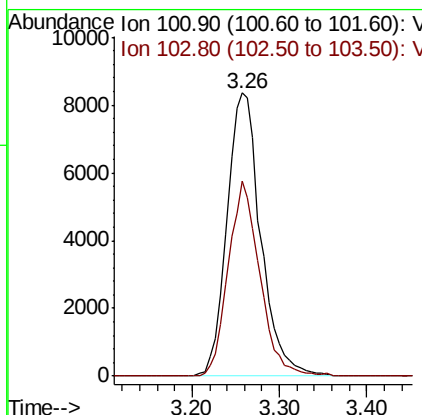
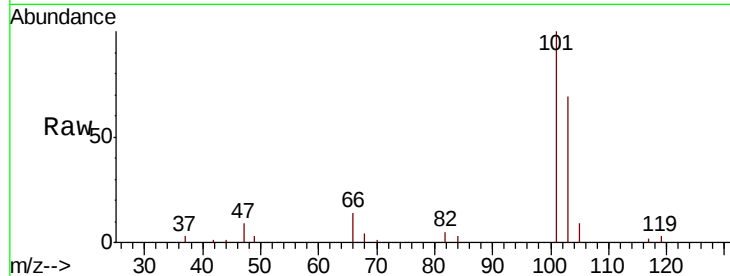
Trichlorofluoromethane
 Concen: 47.015 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

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Tot Ion	Ion	Ratio	Lower	Upper
22417	101	100		
	103	68.8	51.7	77.5

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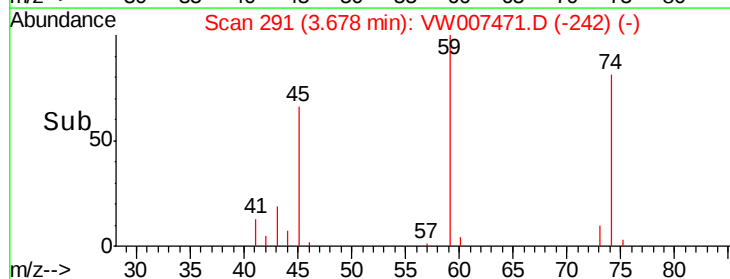
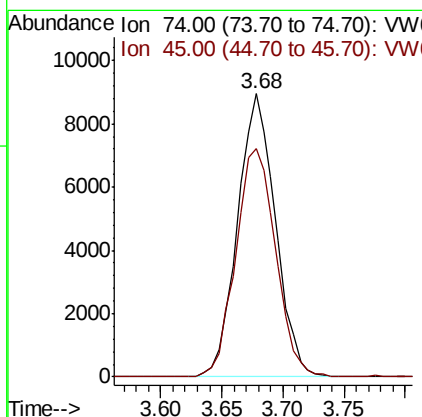
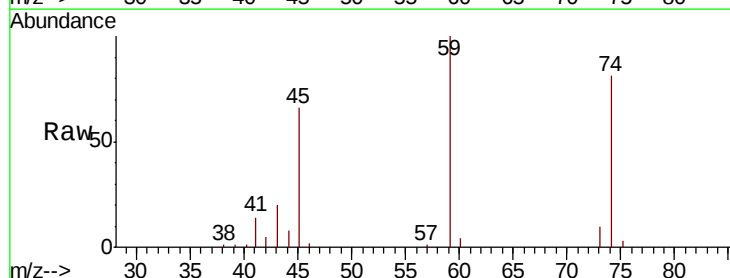
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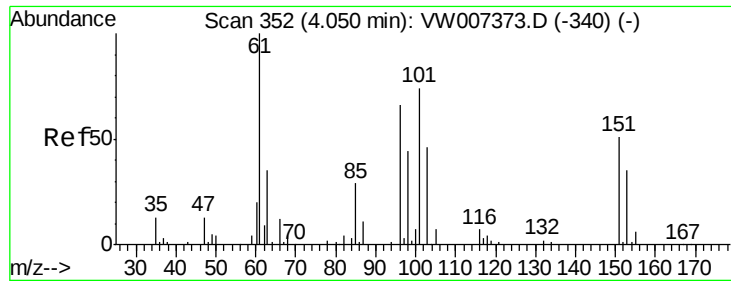


#8

Diethyl Ether
 Concen: 51.374 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ion	Ratio	Lower	Upper
19172	74	100		
	45	85.2	43.0	129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.200 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

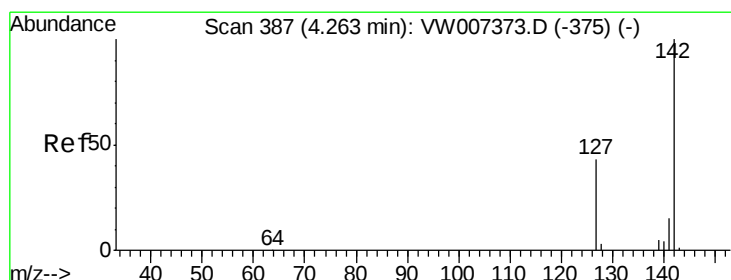
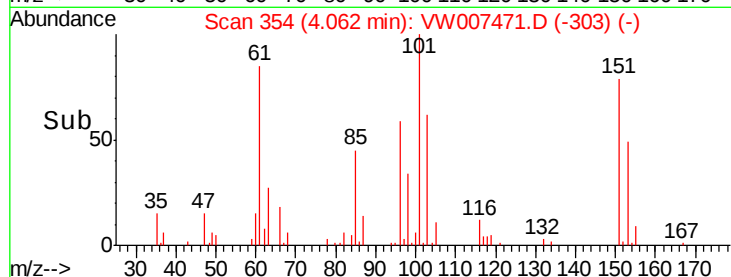
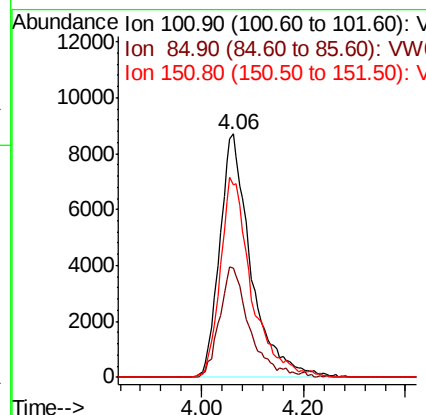
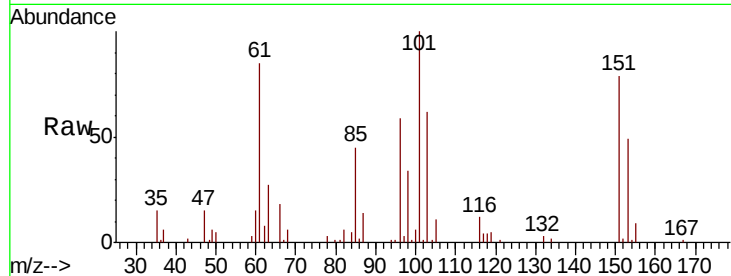
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	37134
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	80.7	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 51.714 ug/l

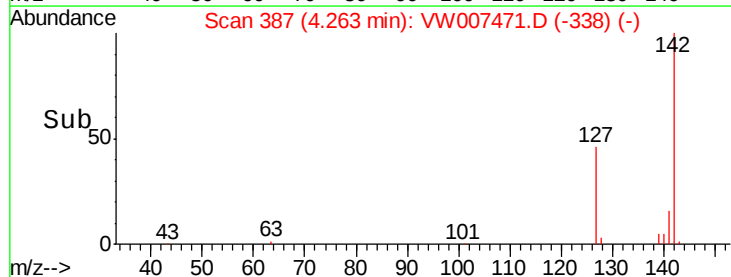
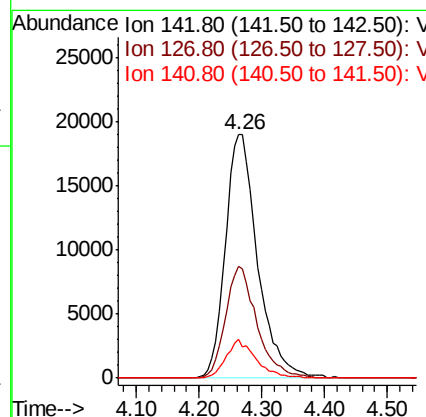
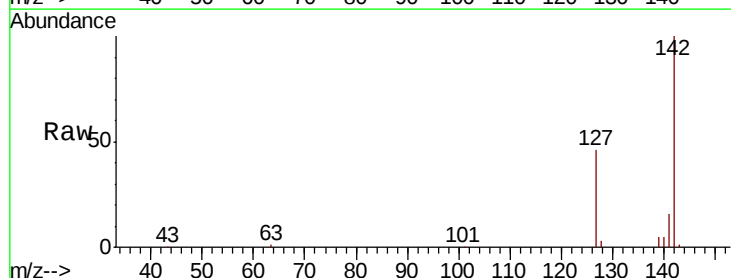
RT: 4.26 min Scan# 387

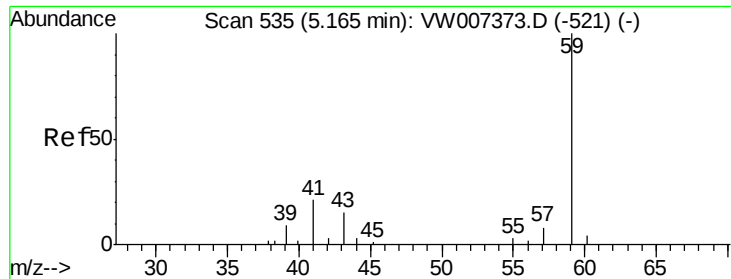
Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion:	142	Resp:	67384
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.8	53.6
141	14.6	11.1	16.7





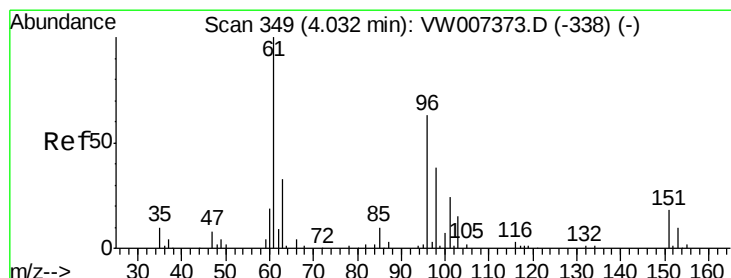
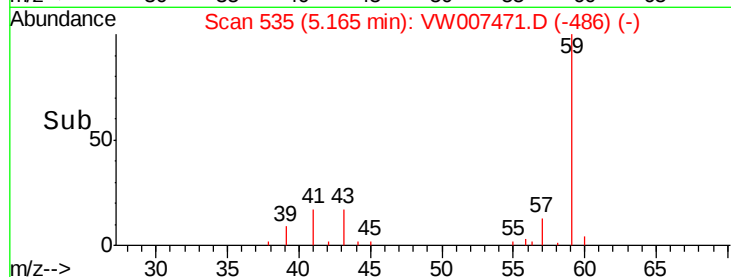
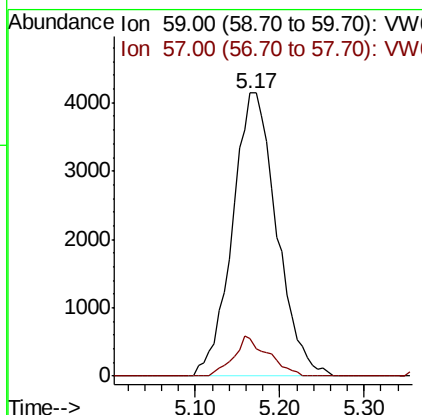
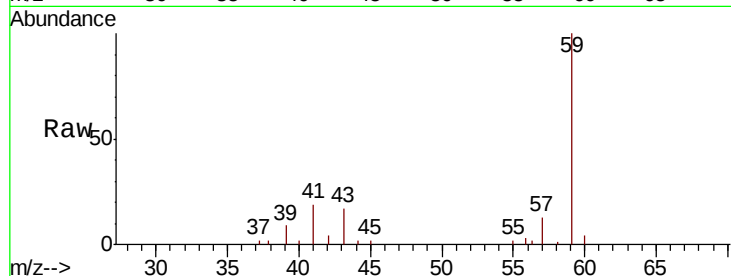
#11
Tert butyl alcohol
Concen: 251.142 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 14776
Ion Ratio Lower Upper
59 100
57 11.0 7.6 11.4

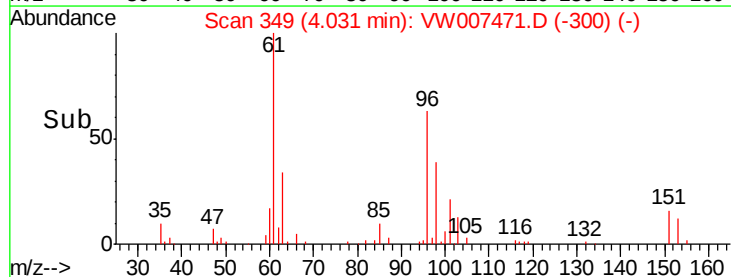
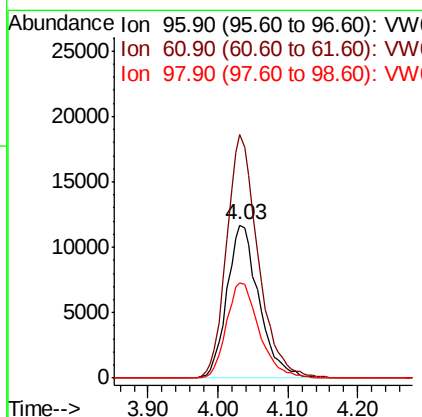
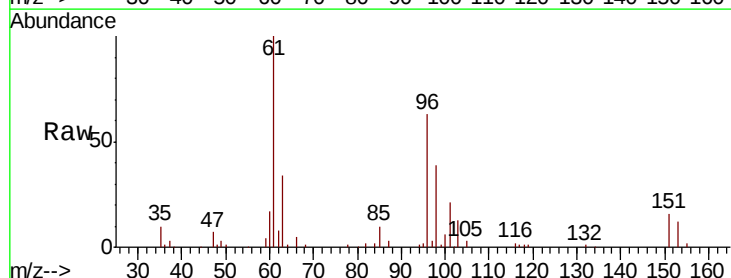
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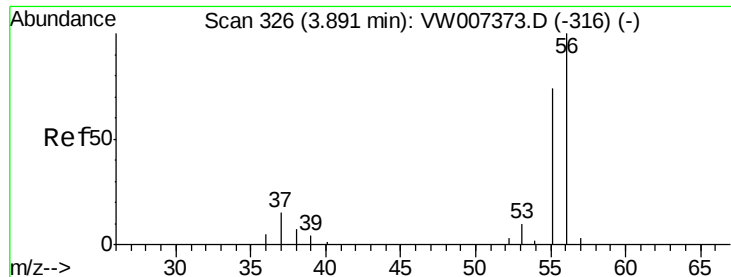
apatel
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#12
1,1-Dichloroethene
Concen: 49.078 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion: 96 Resp: 37176
Ion Ratio Lower Upper
96 100
61 159.3 126.2 189.2
98 62.0 48.3 72.5





#13

Acrolein

Concen: 281.448 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 10957

Ion Ratio Lower Upper

56 100

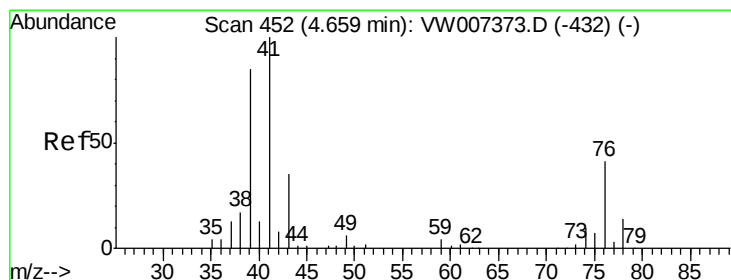
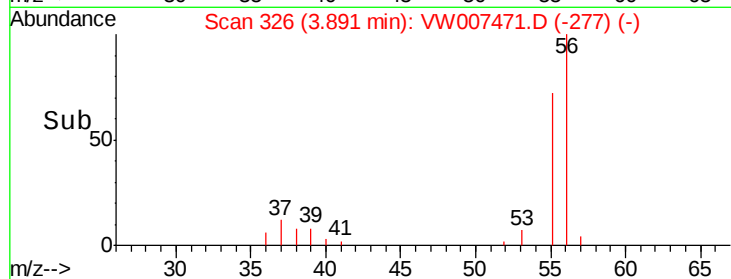
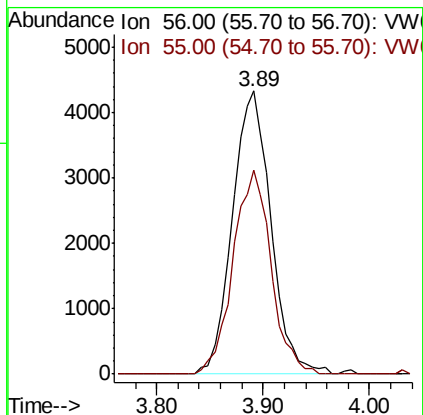
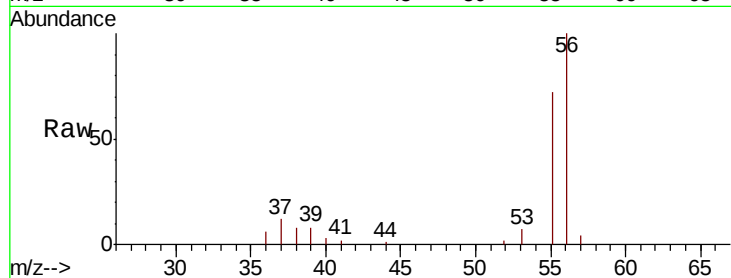
55 71.2 57.4 86.2

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#14

Allyl chloride

Concen: 49.085 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

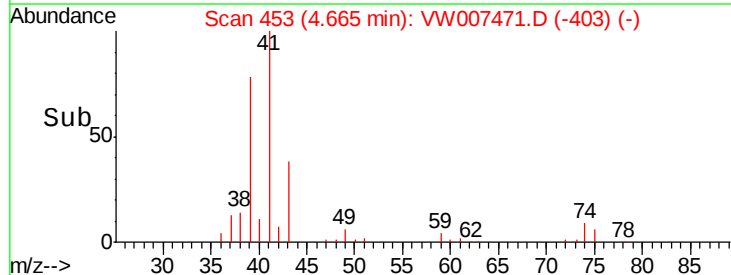
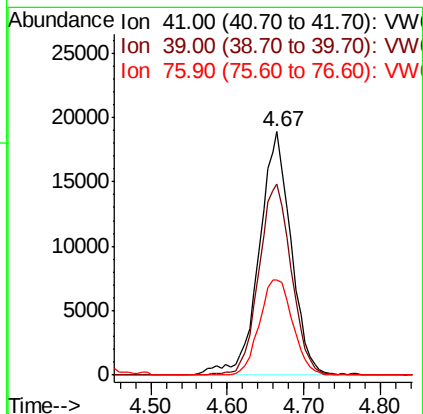
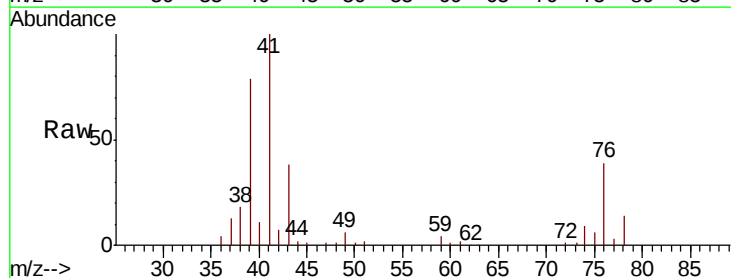
Tgt Ion: 41 Resp: 54806

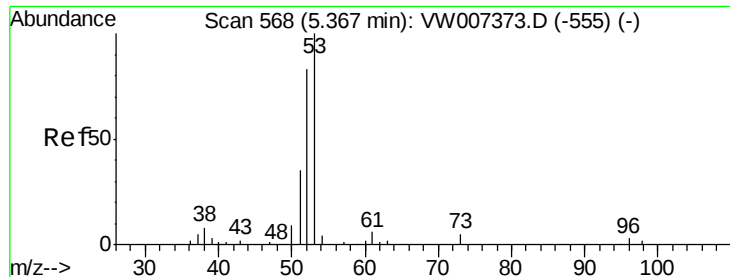
Ion Ratio Lower Upper

41 100

39 80.2 63.4 95.2

76 40.9 32.1 48.1





#15

Acrylonitrile

Concen: 259.880 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

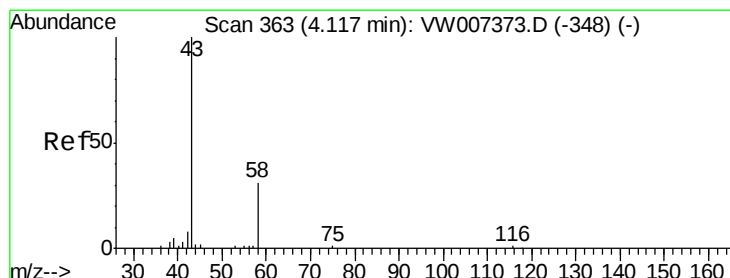
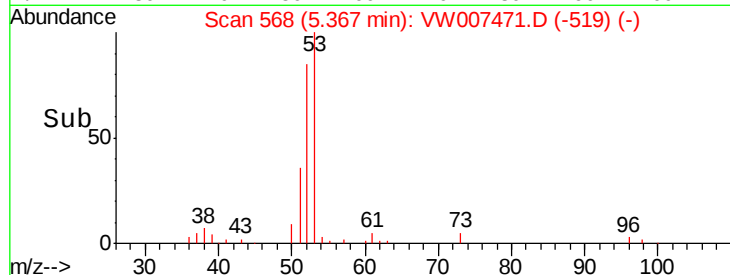
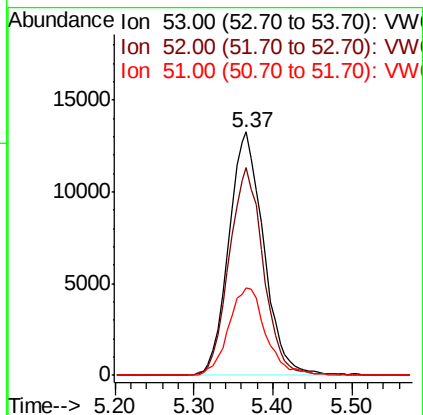
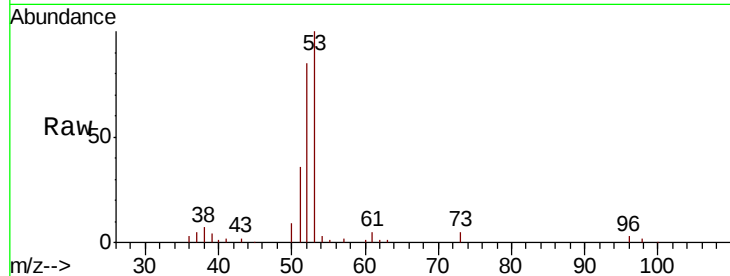
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	40884
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.4	101.2
51	38.1	30.2	45.2

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#16

Acetone

Concen: 242.583 ug/l

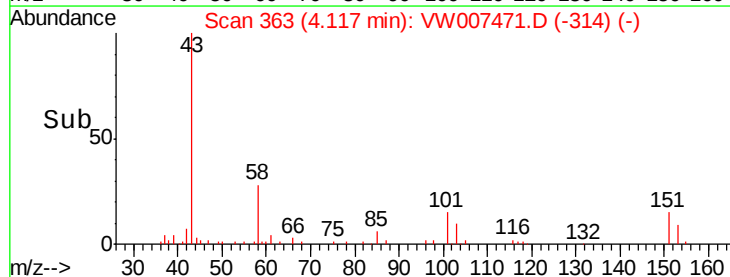
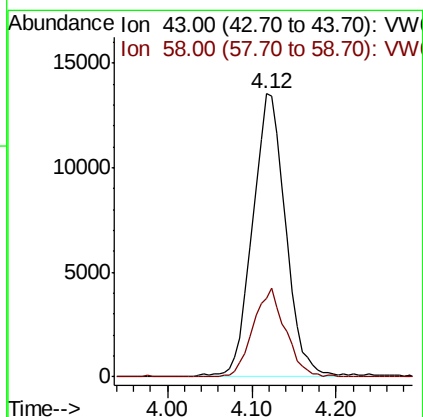
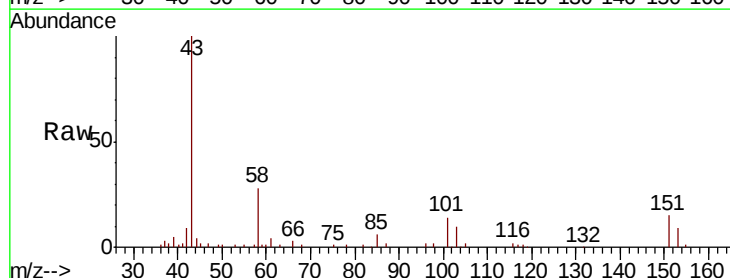
RT: 4.12 min Scan# 363

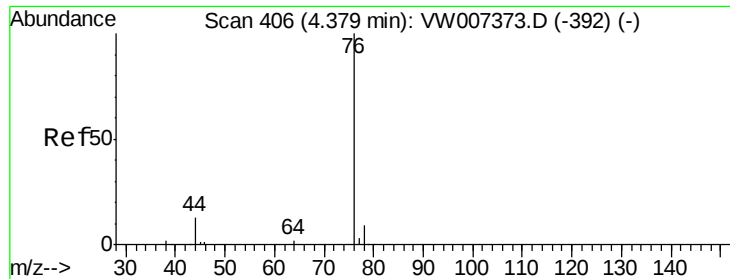
Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion:	43	Resp:	36299
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.9	37.3





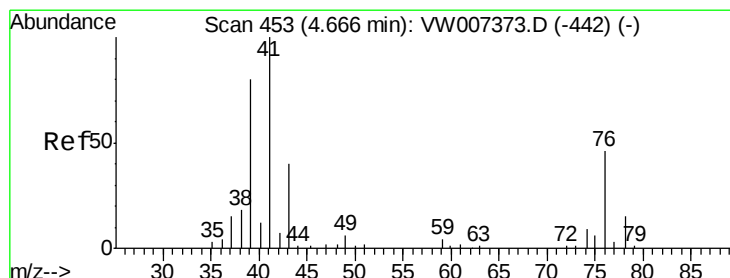
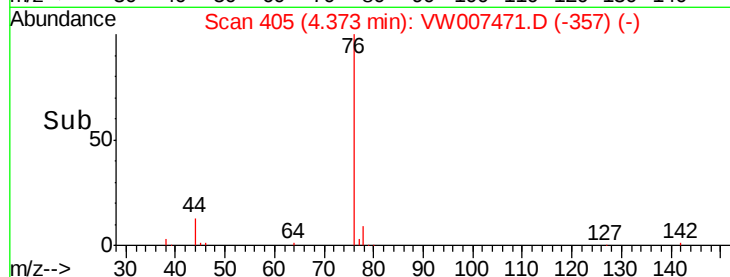
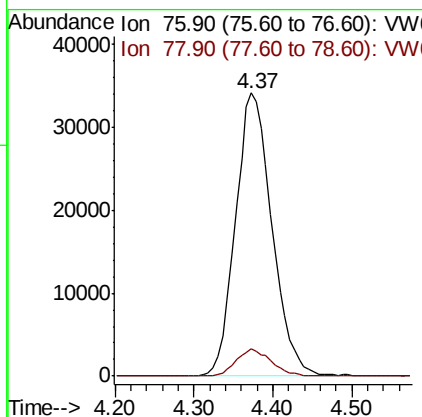
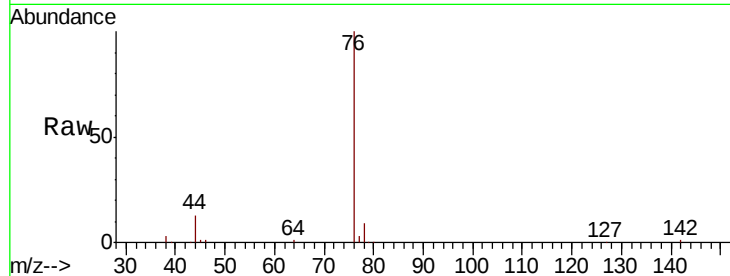
#17
Carbon Disulfide
Concen: 47.763 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

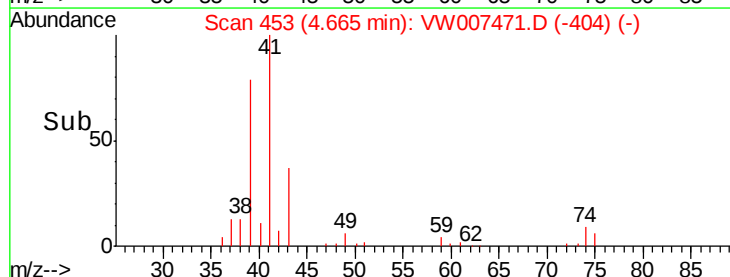
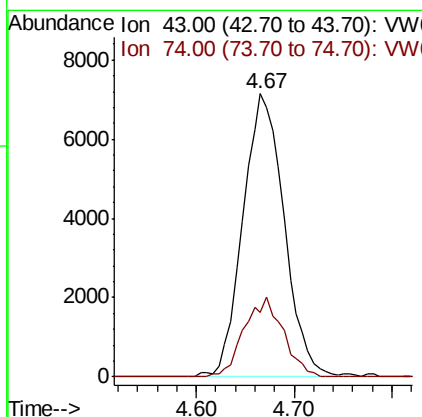
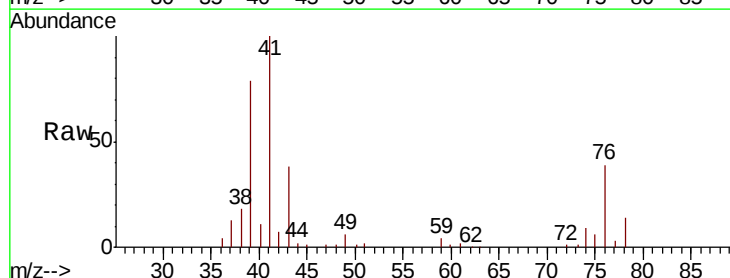
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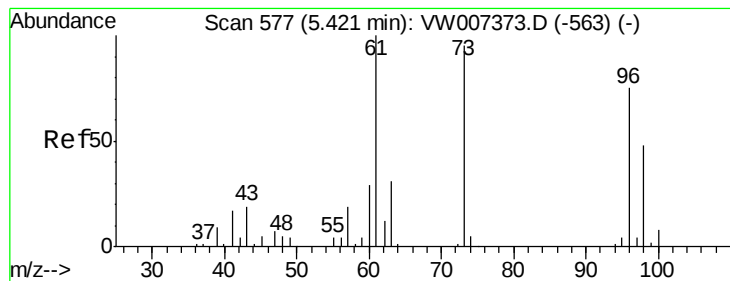
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#18
Methyl Acetate
Concen: 51.450 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.1	31.7





#19

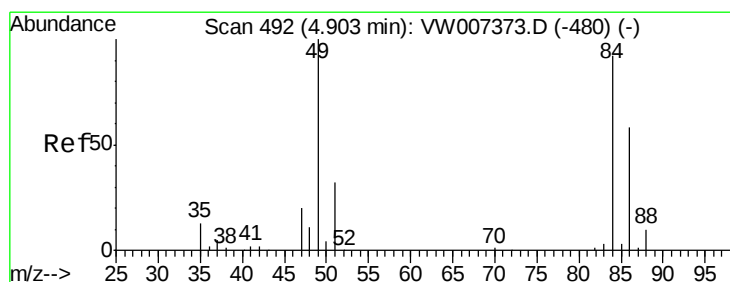
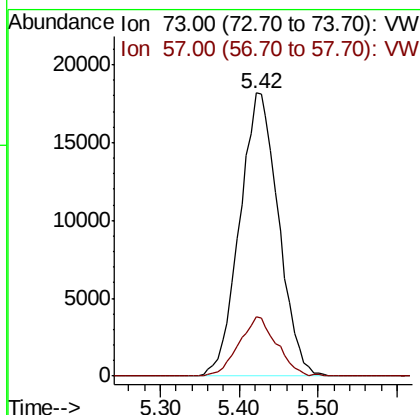
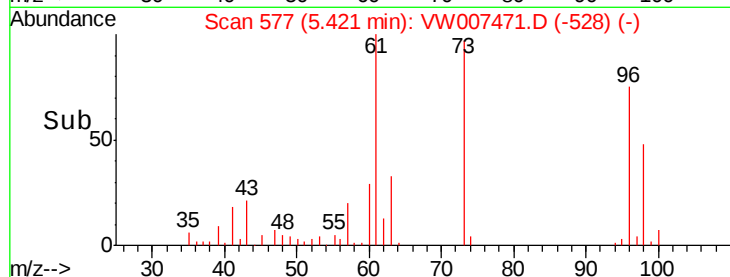
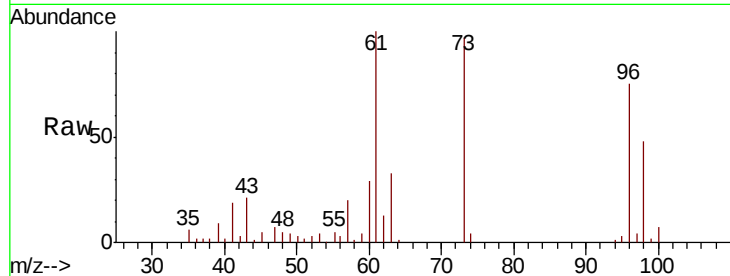
Methyl tert-butyl Ether
 Concen: 54.407 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 62172
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.4 24.6

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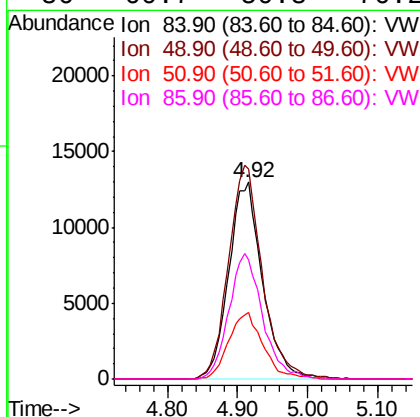
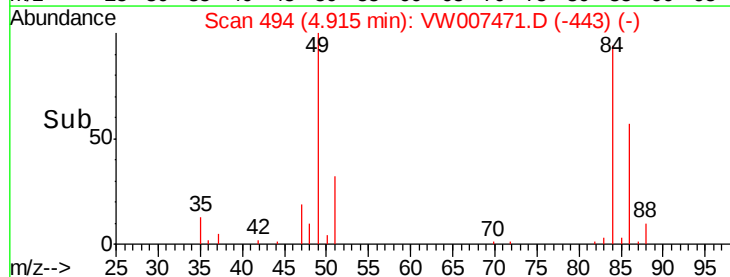
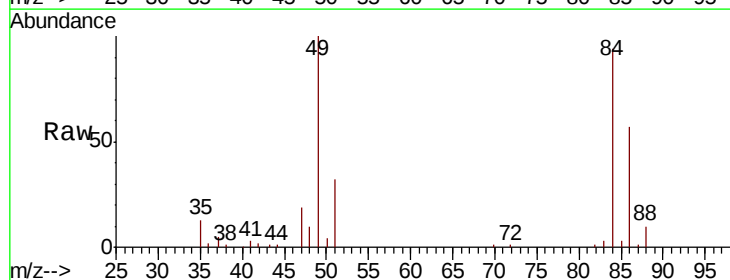
apatel
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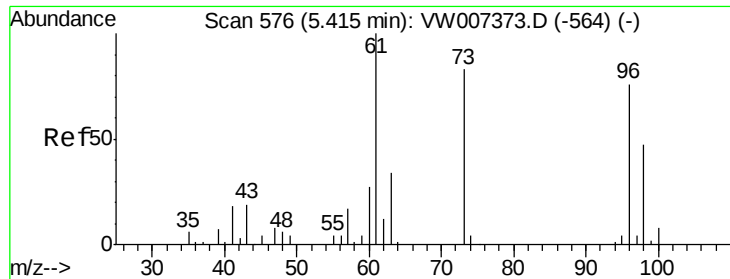


#20

Methylene Chloride
 Concen: 53.439 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion: 84 Resp: 43508
 Ion Ratio Lower Upper
 84 100
 49 106.9 87.1 130.7
 51 33.9 28.2 42.2
 86 60.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.837 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

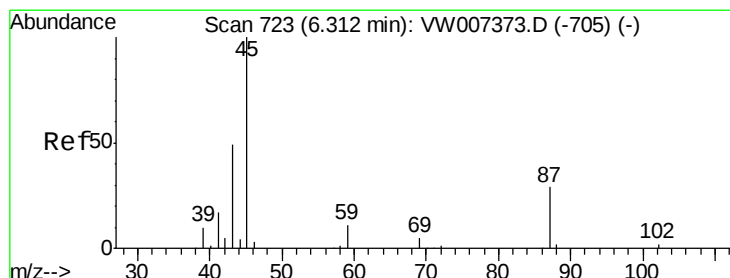
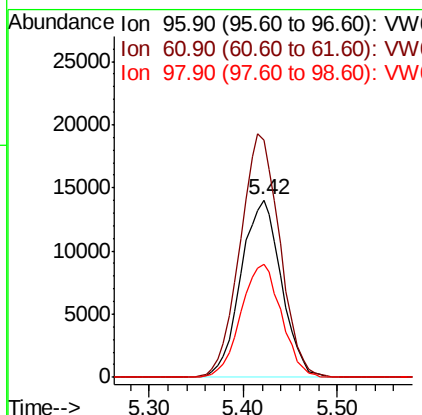
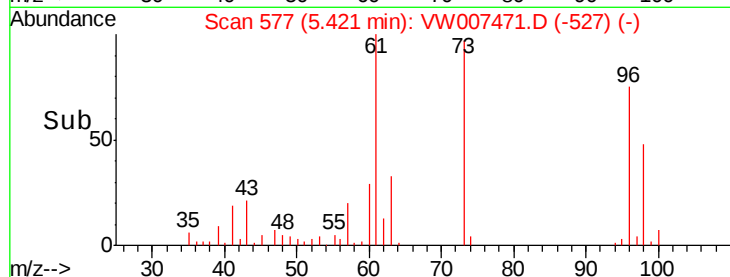
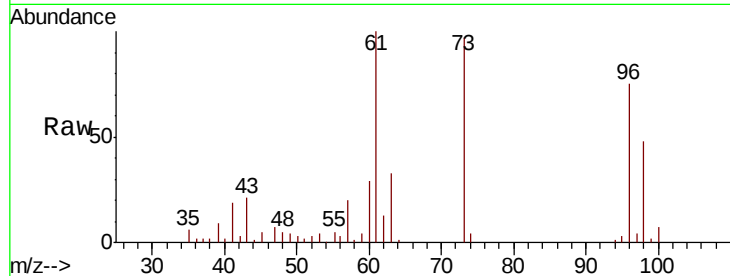
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	105.0	157.6
98	64.1	49.7	74.5

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#22

Diisopropyl ether

Concen: 52.466 ug/l

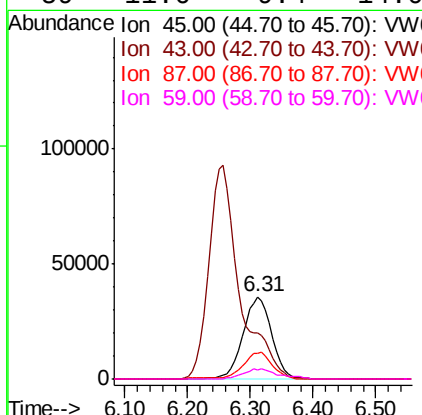
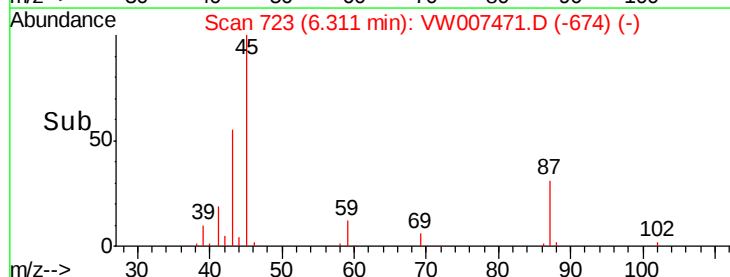
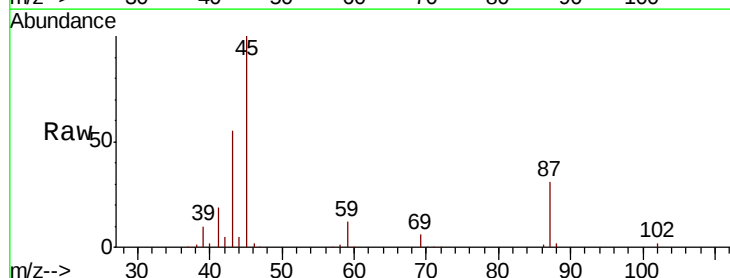
RT: 6.31 min Scan# 723

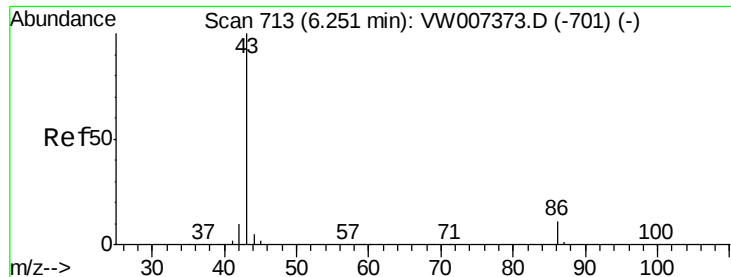
Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.0	41.6	62.4
87	30.8	24.3	36.5
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 262.442 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 315042

Ion Ratio Lower Upper

43 100

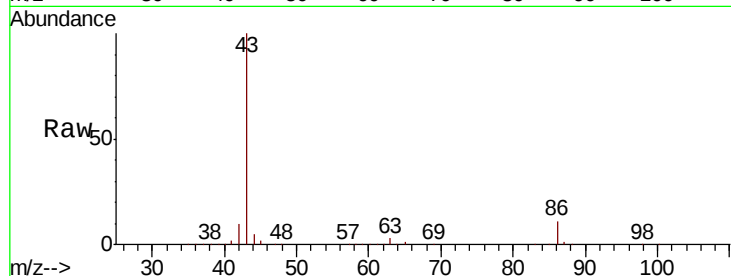
86 11.1 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

60000

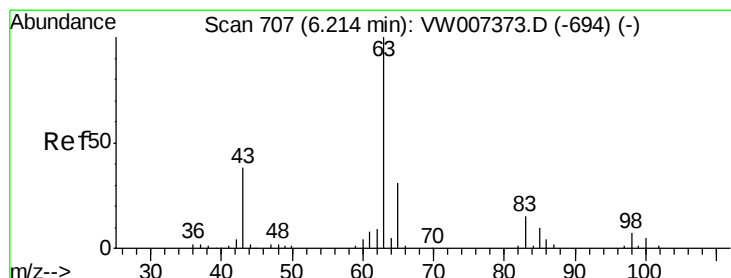
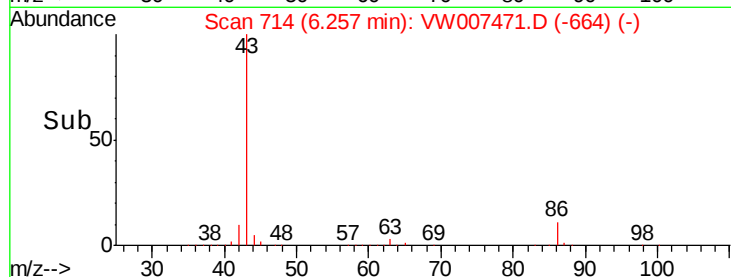
40000

20000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 51.364 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

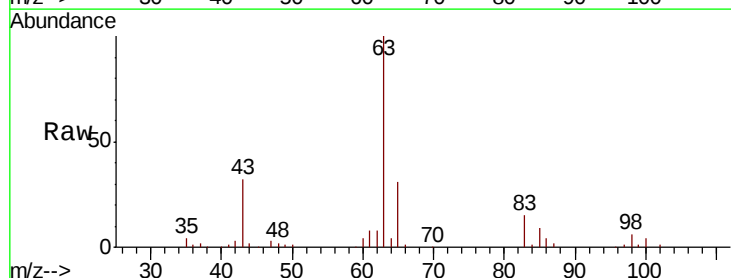
Tgt Ion: 63 Resp: 74504

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.5 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

30000

25000

20000

15000

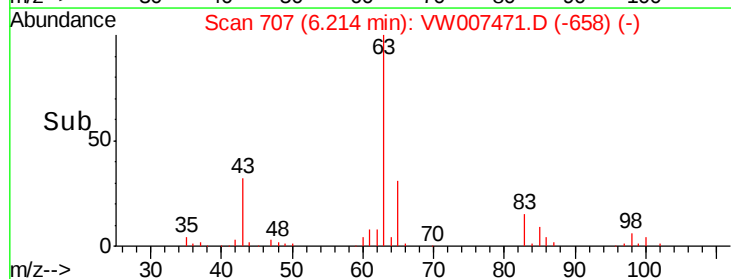
10000

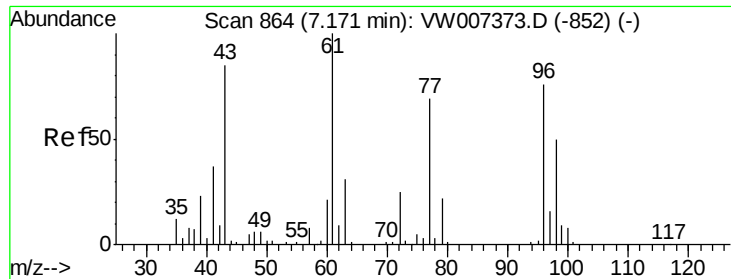
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 259.740 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 50740

Ion Ratio Lower Upper

43 100

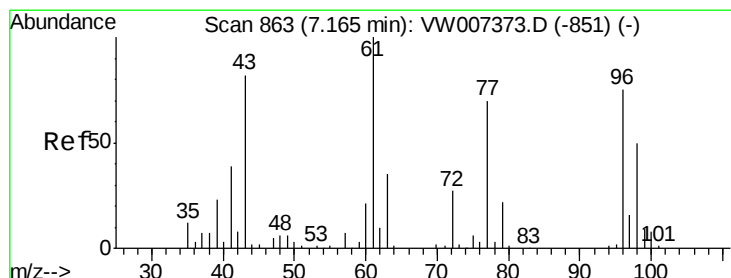
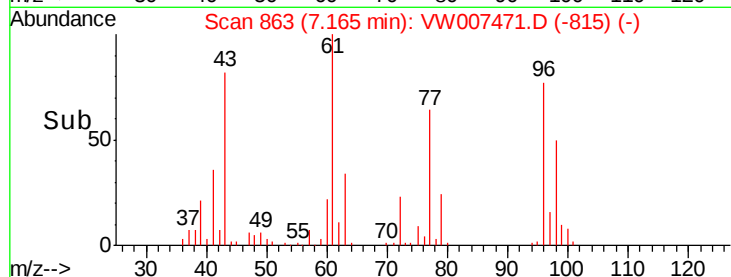
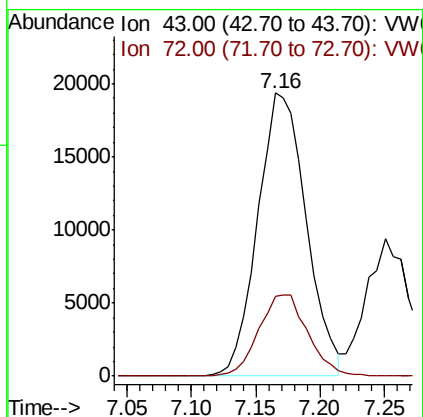
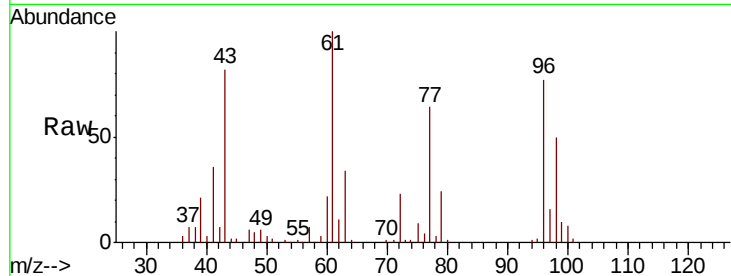
72 28.2 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.960 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007471.D

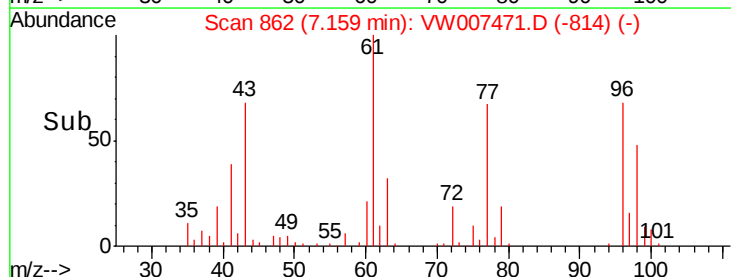
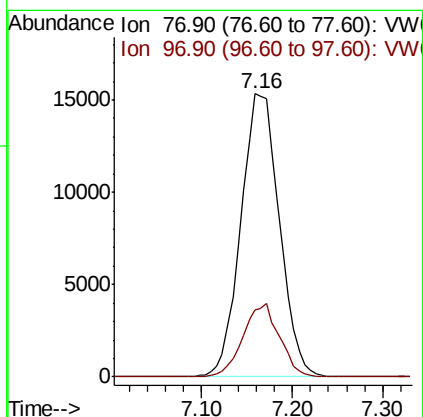
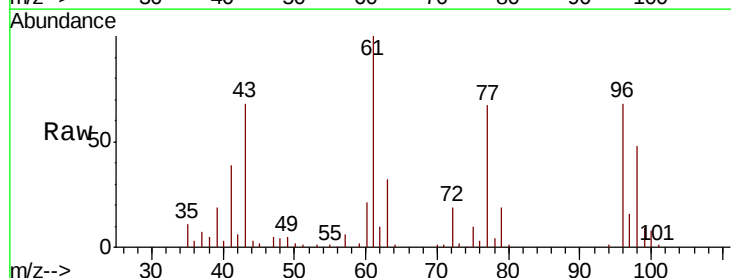
Acq: 13 Dec 2018 06:32

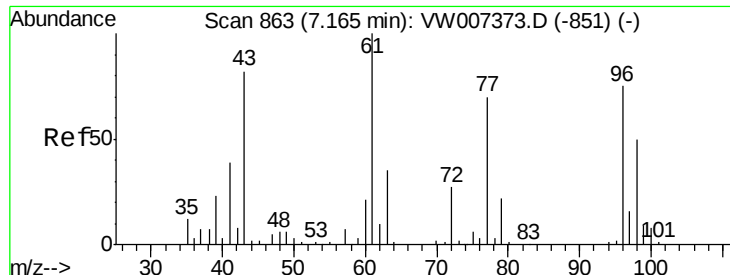
Tgt Ion: 77 Resp: 45081

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.8





#27

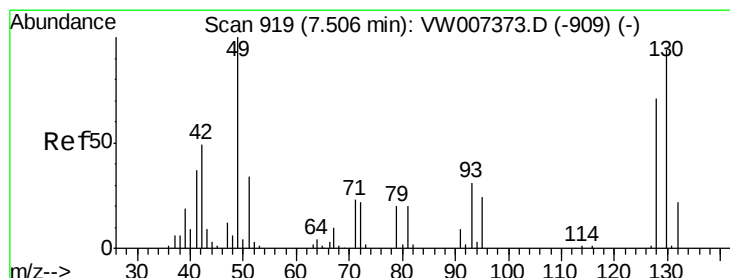
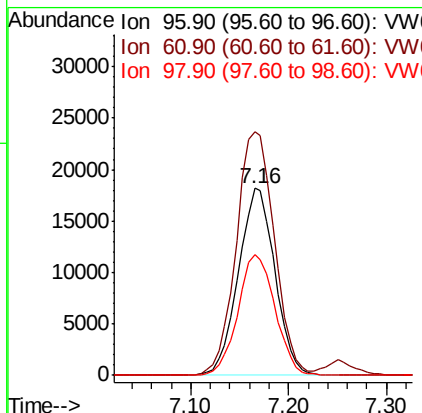
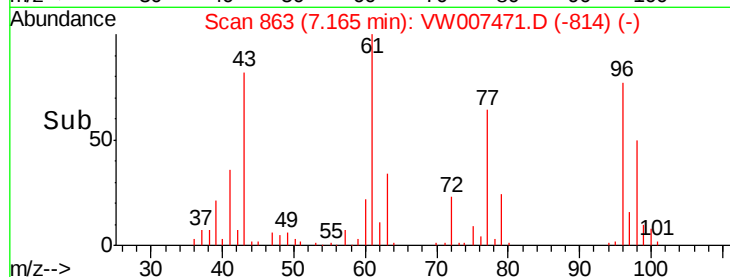
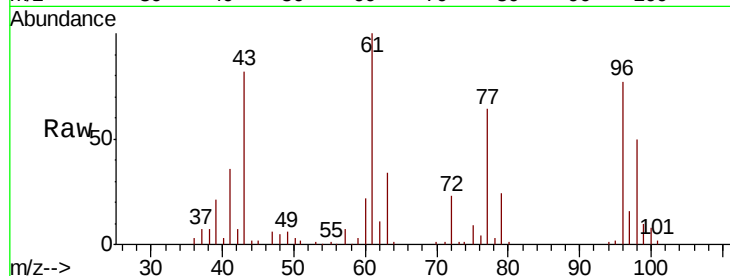
cis-1,2-Dichloroethene
Concen: 50.937 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	268.4
98	65.1	0.0	127.8

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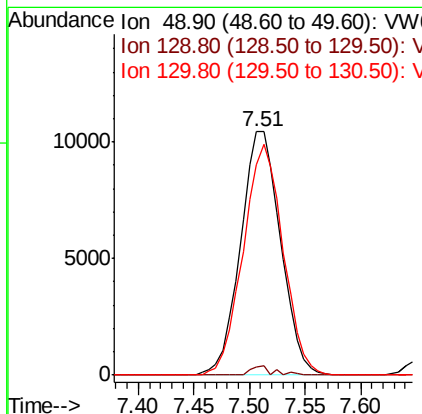
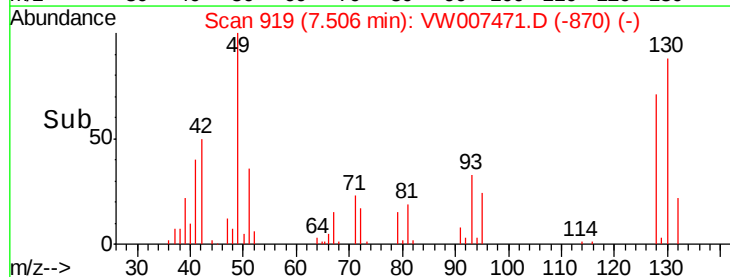
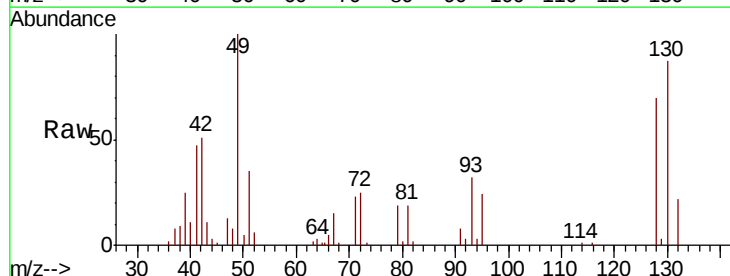
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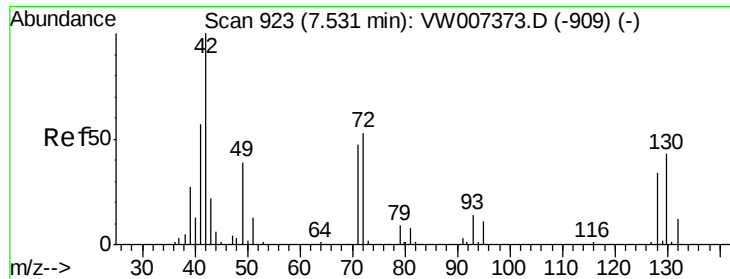


#28

Bromochloromethane
Concen: 47.925 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	94.2	75.9	113.9





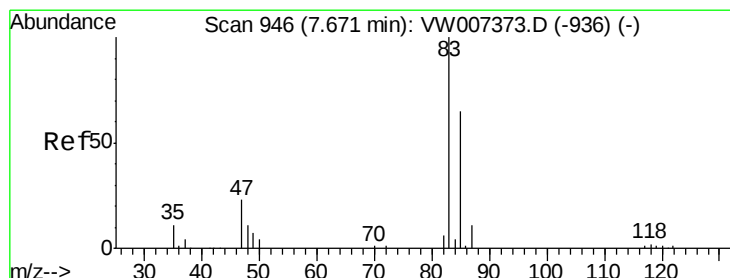
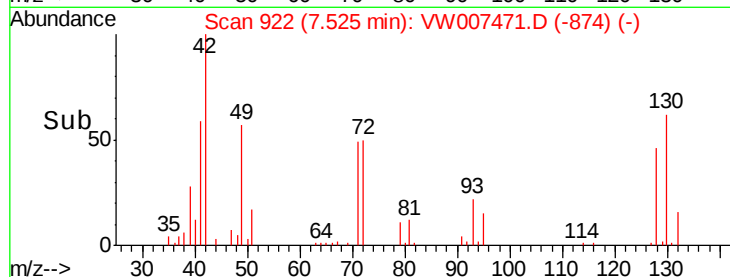
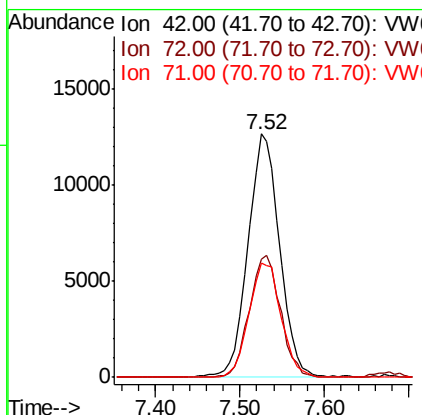
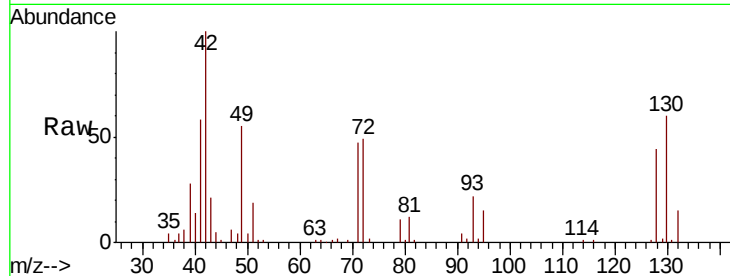
#29
Tetrahydrofuran
Concen: 260.526 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	38.2	57.4
71	47.7	35.5	53.3

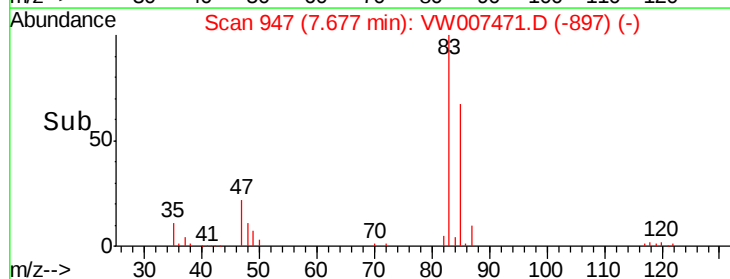
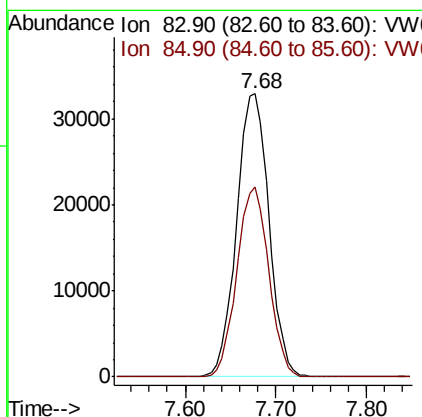
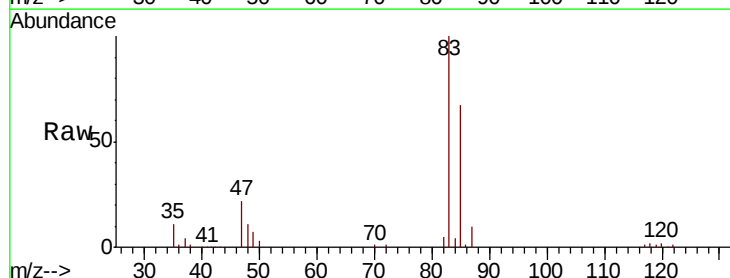
Manual Integrations
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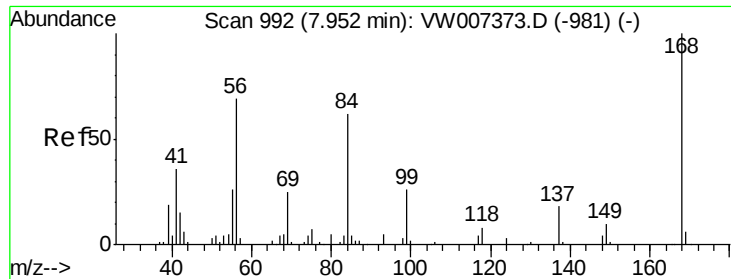
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#30
Chloroform
Concen: 51.473 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.8	77.8





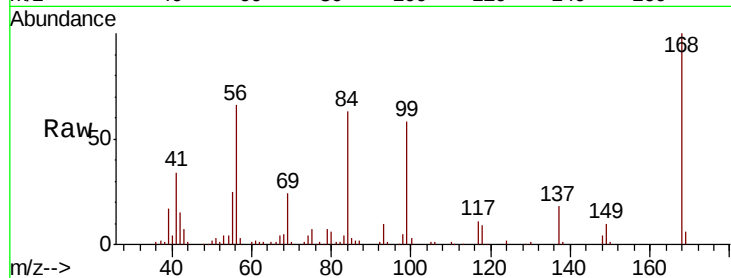
#31
Cyclohexane
Concen: 43.998 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	28.9	43.3
84	93.9	71.8	107.6

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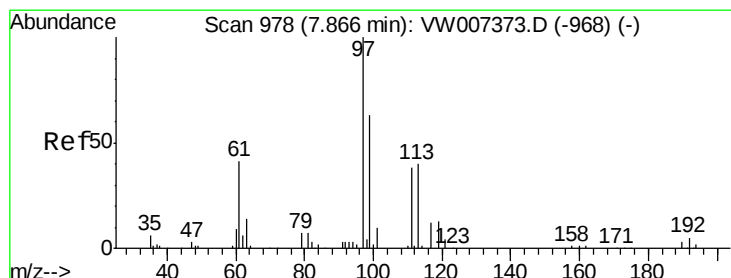
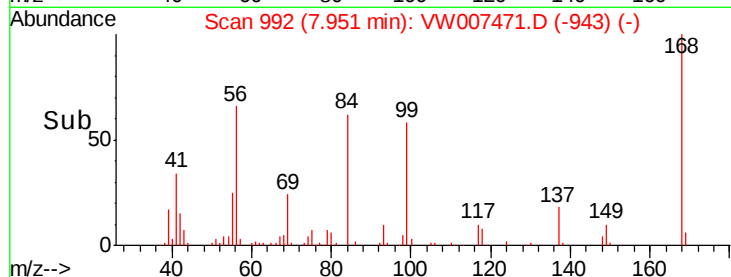
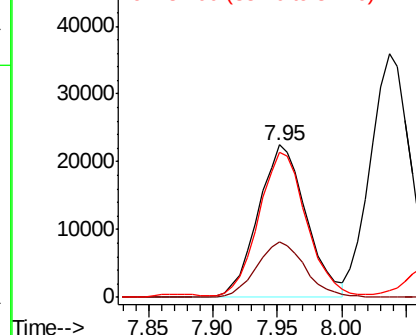


Abundance

Ion 56.00 (55.70 to 56.70): VW

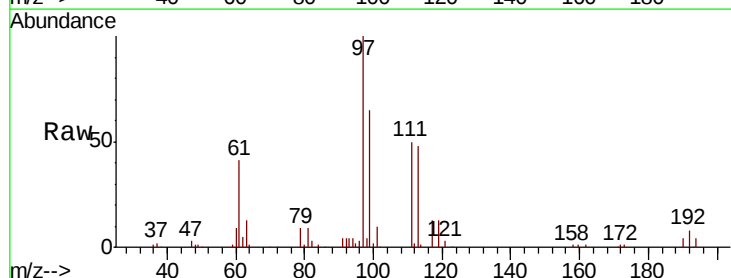
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 49.743 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	40.4	33.2	49.8

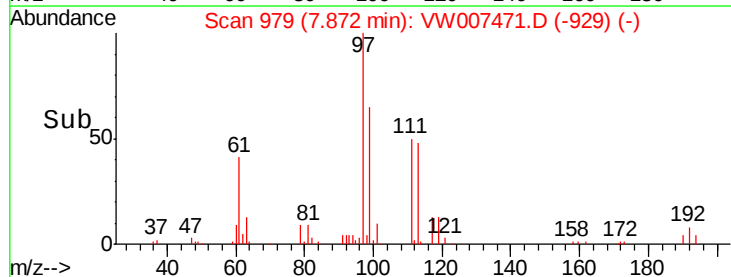
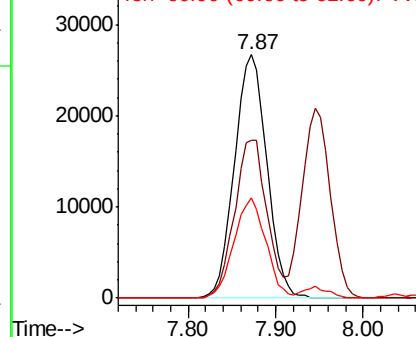


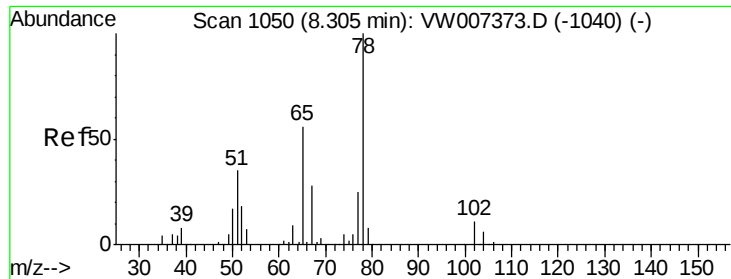
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 50.382 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 43161

Ion Ratio Lower Upper

65 100

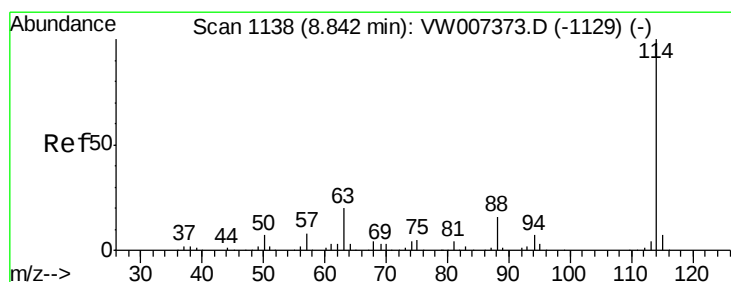
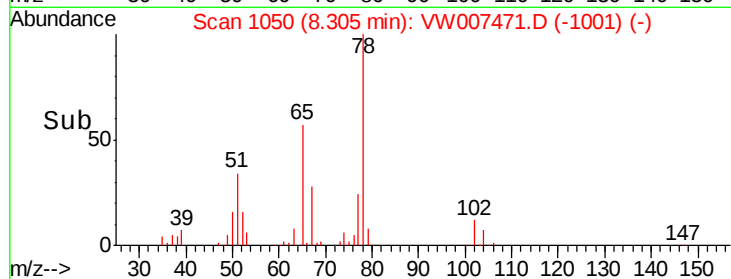
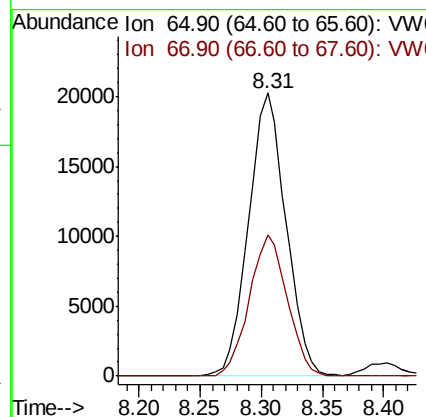
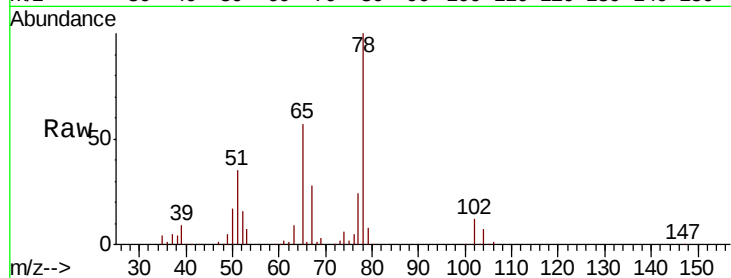
67 50.4 0.0 101.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

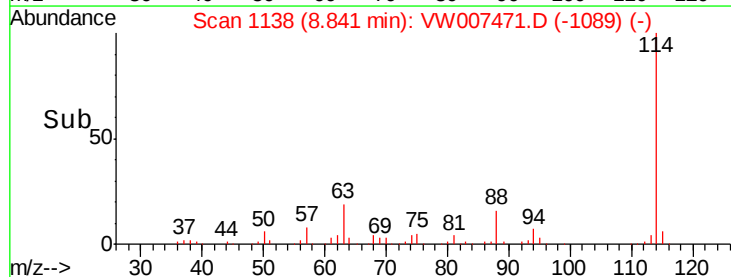
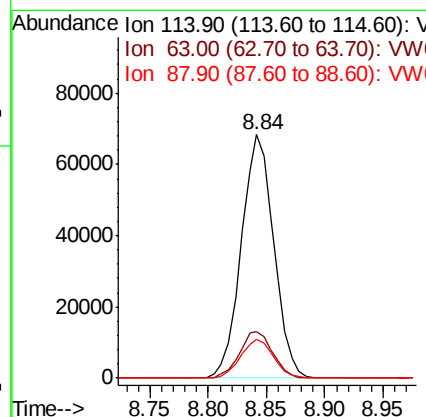
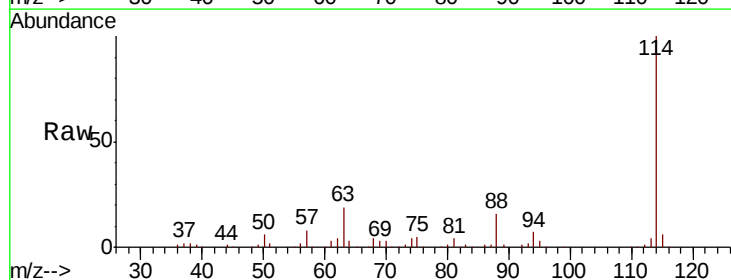
Tgt Ion: 114 Resp: 132659

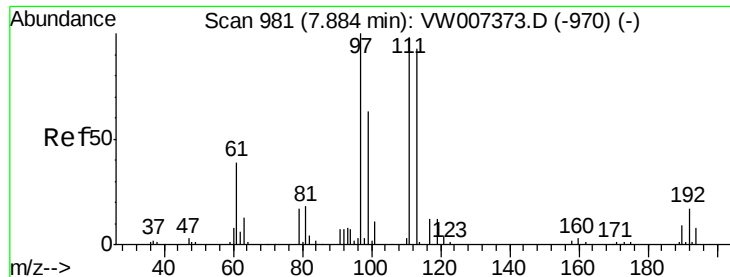
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.1 0.0 31.4





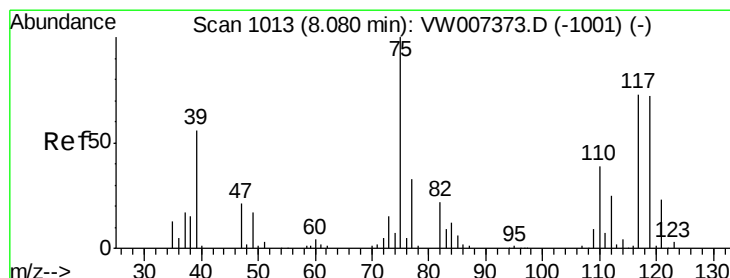
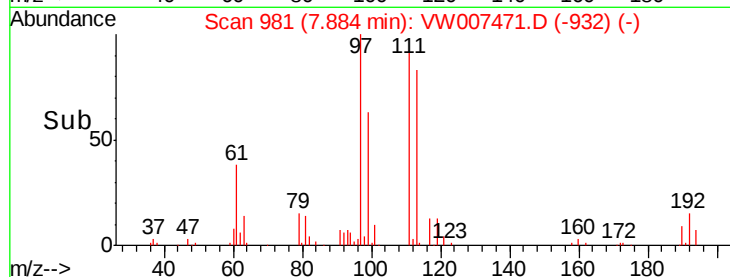
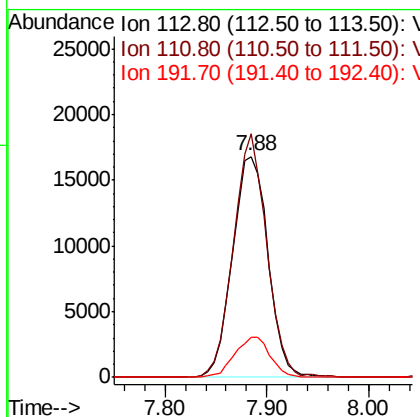
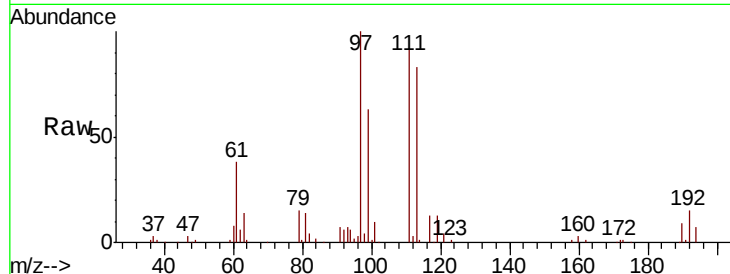
#35
 Dibromofluoromethane
 Concen: 50.630 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	40658		
111	102.7		81.1	121.7
192	18.0		14.6	21.8

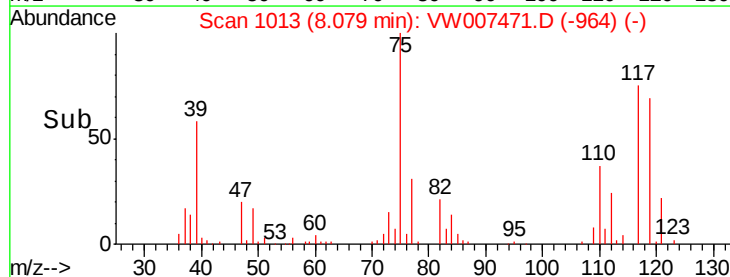
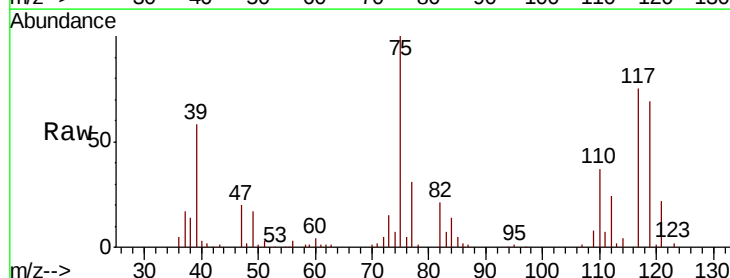
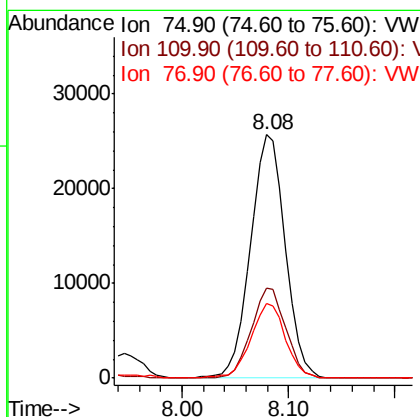
Manual Integrations
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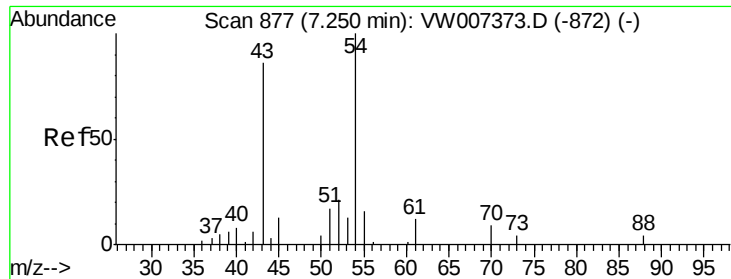
apatel
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#36
 1,1-Dichloropropene
 Concen: 48.698 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58933		
110	36.4		18.5	55.5
77	30.6		25.6	38.4





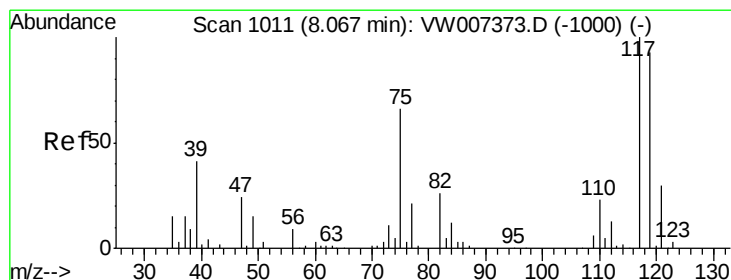
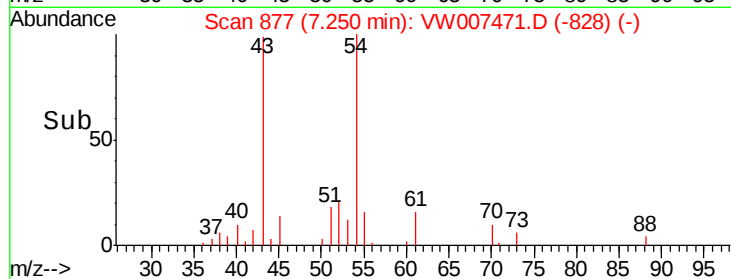
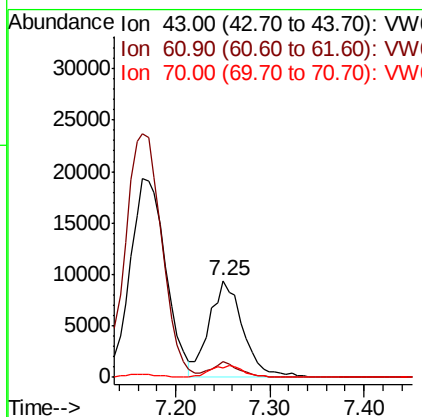
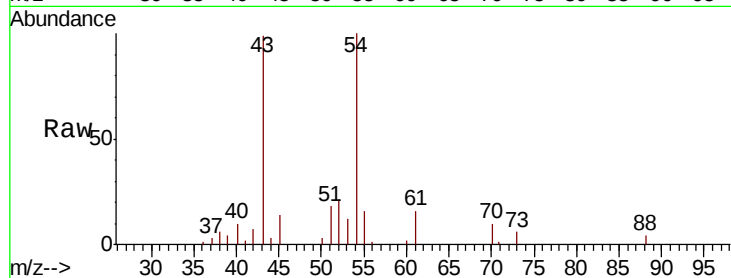
#37
Ethyl Acetate
Concen: 51.957 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	12.1	18.1
70	11.9	10.0	15.0

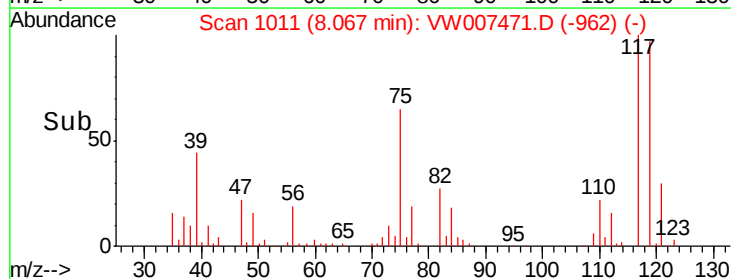
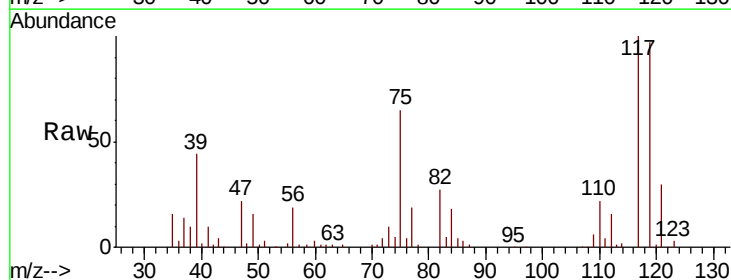
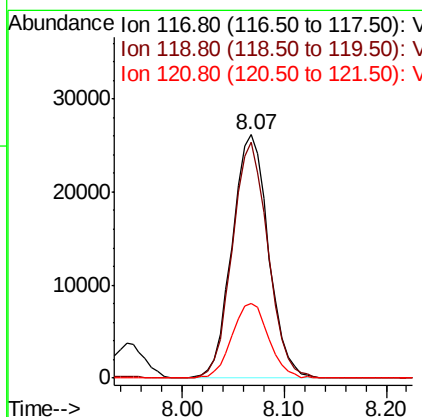
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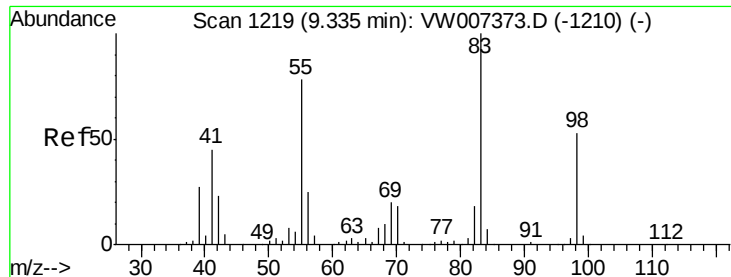
apatel
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#38
Carbon Tetrachloride
Concen: 49.103 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.3	111.5
121	30.4	24.3	36.5





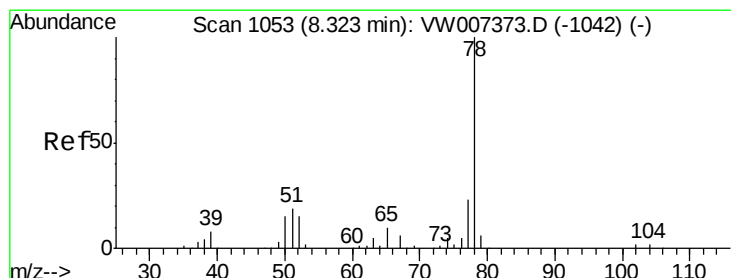
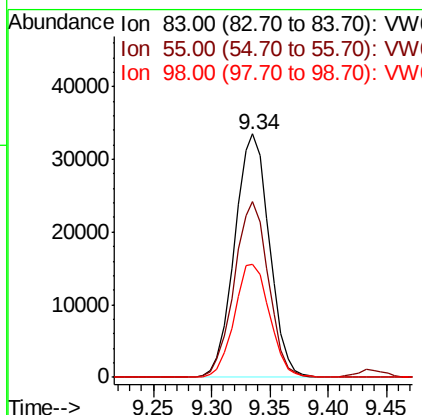
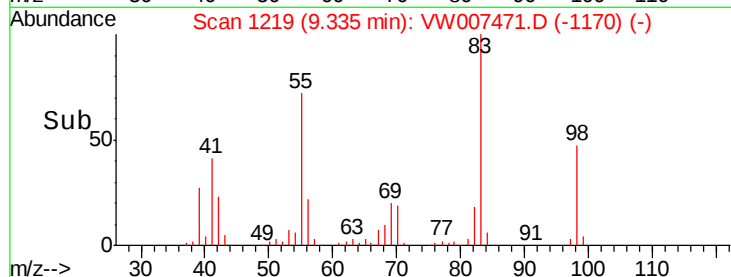
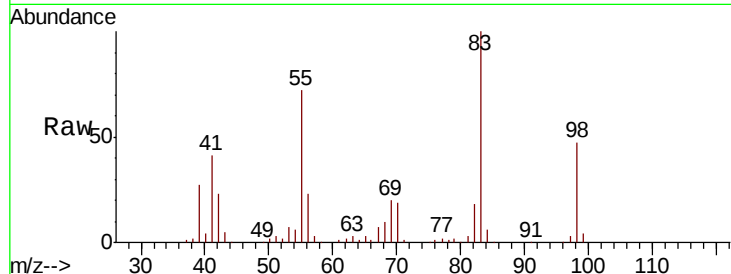
#39
Methvlcvclohexane
Concen: 47.568 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	62.8	94.2
98	46.6	42.2	63.2

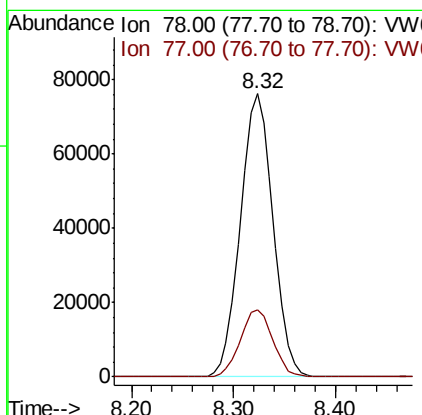
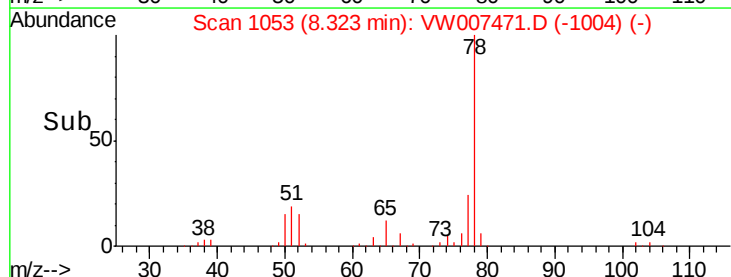
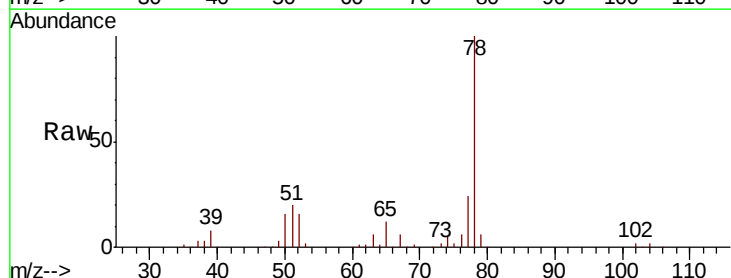
Manual Integrations
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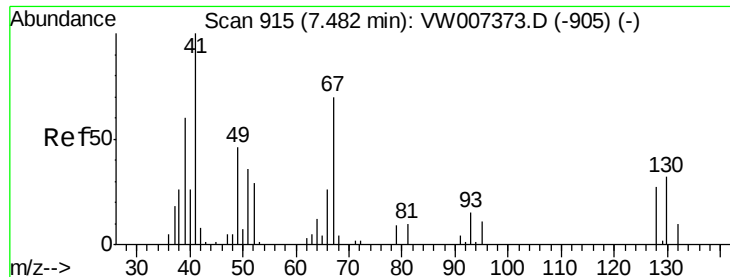
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#40
Benzene
Concen: 50.375 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





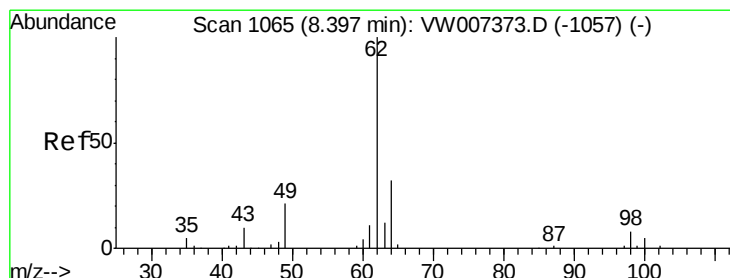
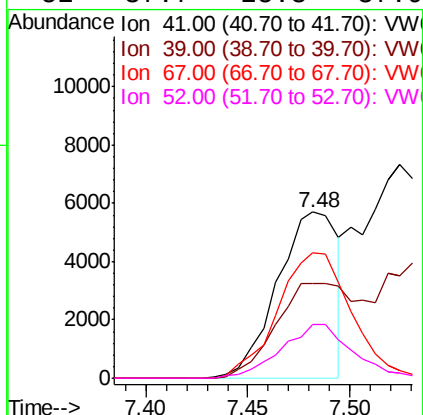
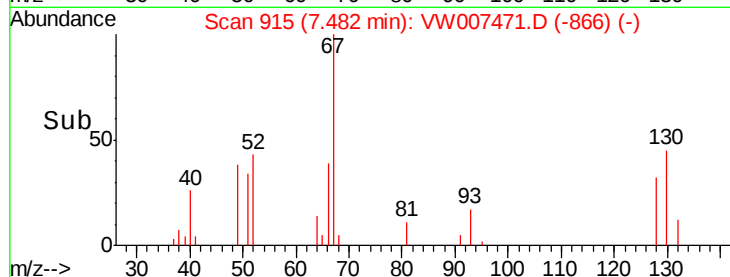
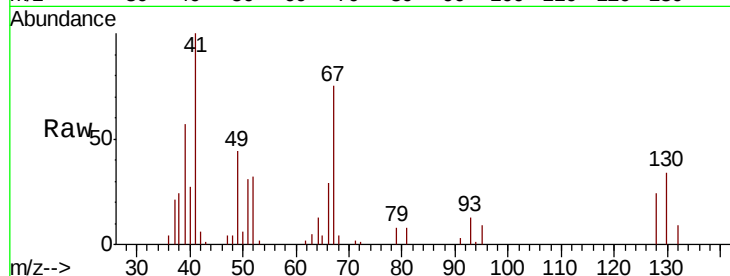
#41
Methacrylonitrile
Concen: 46.002 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	11791
Ion	Ratio	Lower	Upper
41	100		
39	68.1	52.2	78.2
67	90.8	60.5	90.7
52	37.7	25.3	37.9

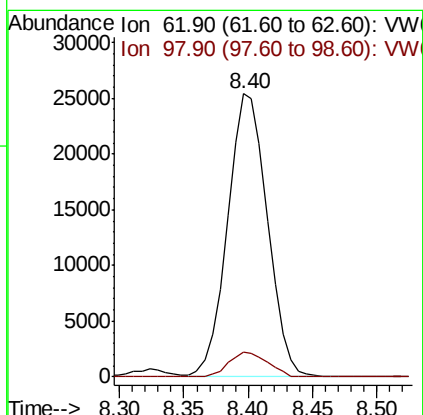
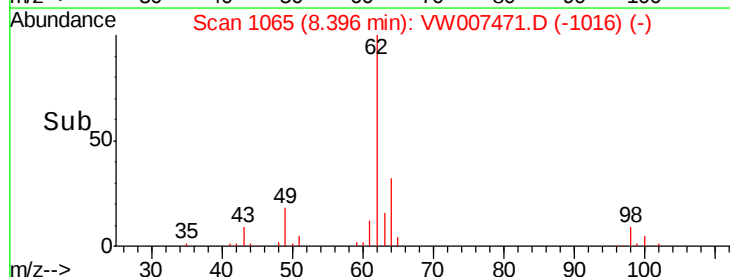
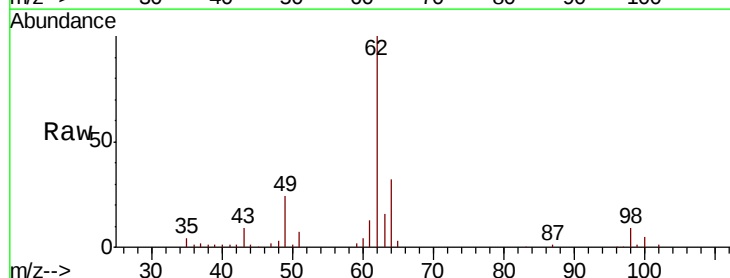
Manual Integrations
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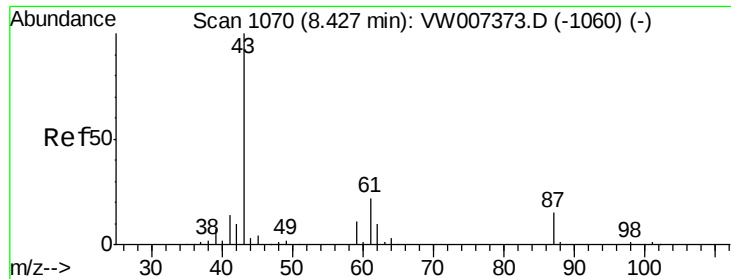
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#42
1,2-Dichloroethane
Concen: 51.747 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	62	Resp	54592
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.943 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

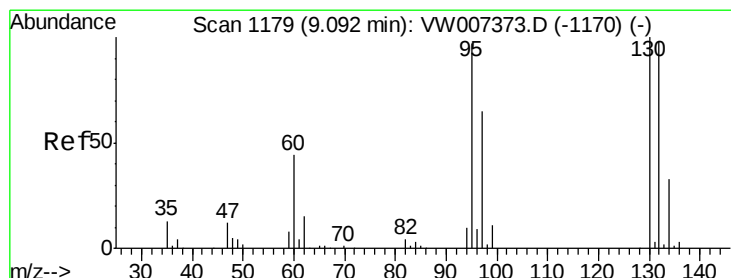
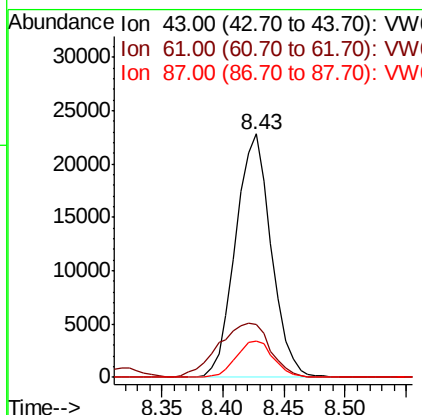
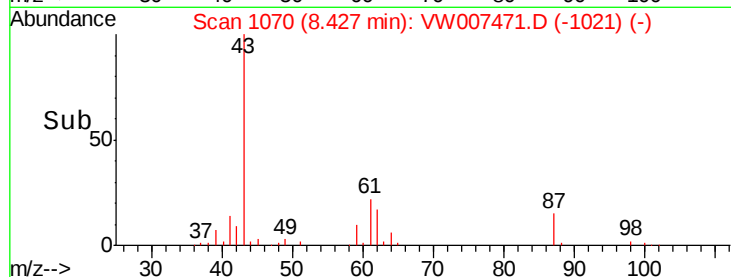
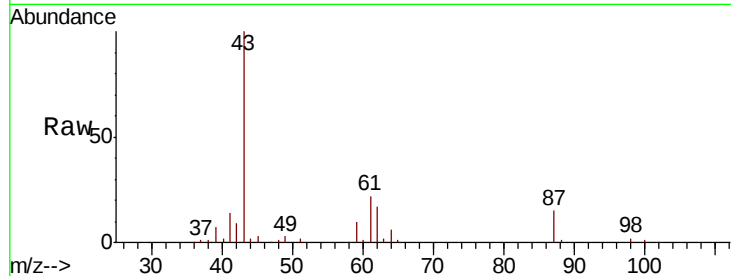
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	46182
Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.3	37.9
87	15.4	11.8	17.8

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#44

Trichloroethene

Concen: 50.417 ug/l

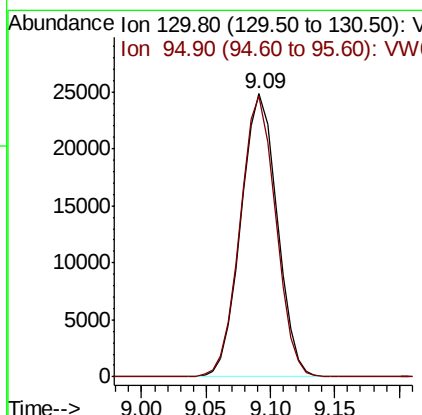
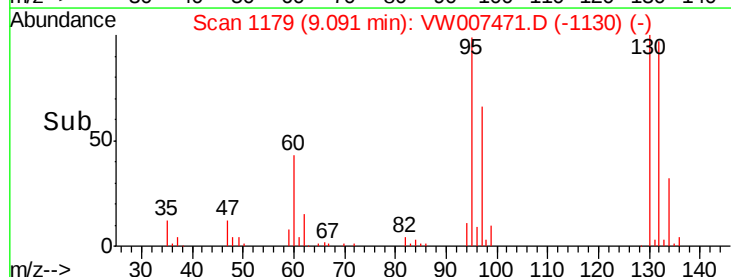
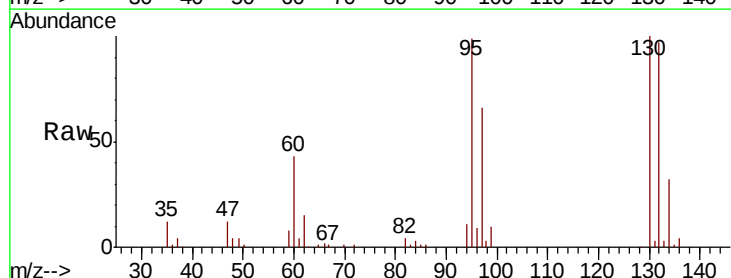
RT: 9.09 min Scan# 1179

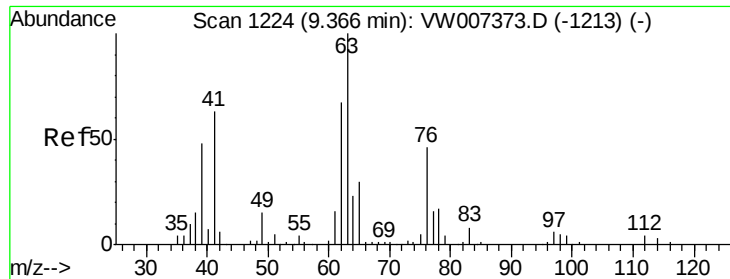
Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion:	130	Resp:	48351
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	193.2





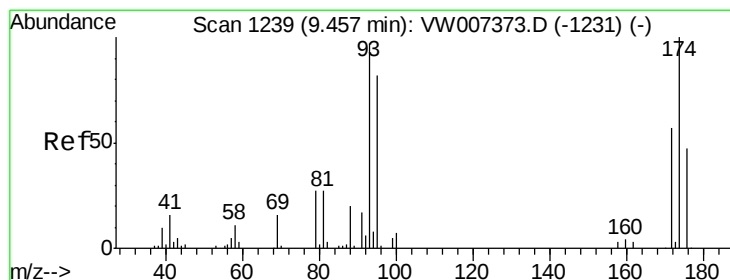
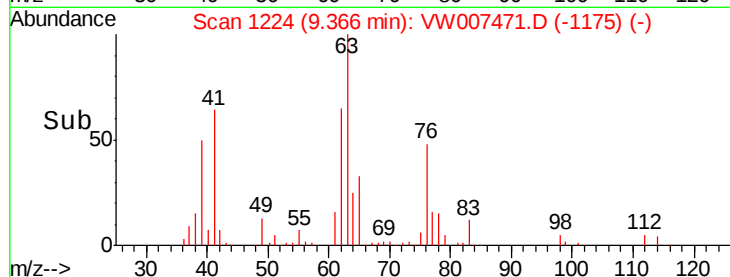
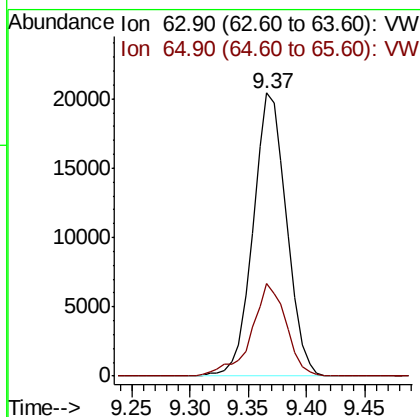
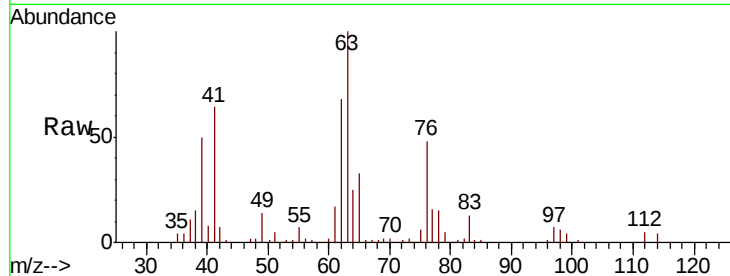
#45
 1,2-Dichloropropane
 Concen: 52.540 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.4	36.6

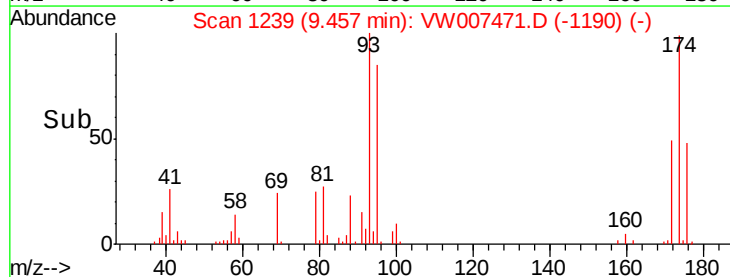
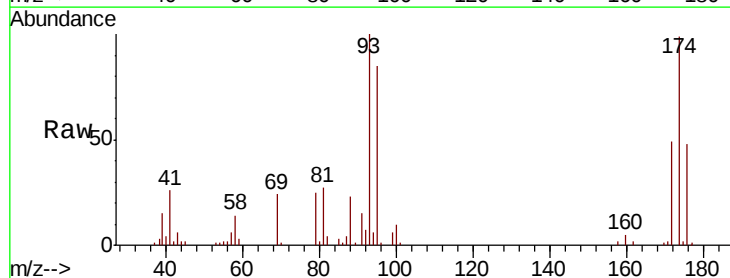
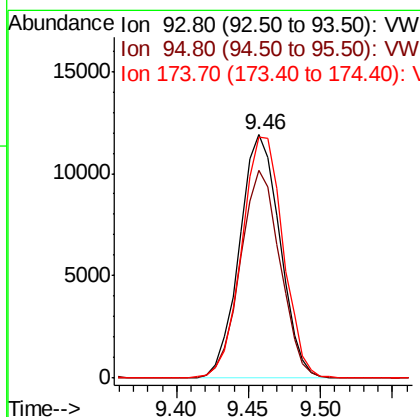
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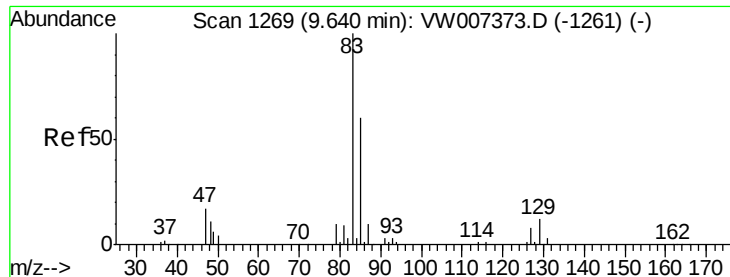
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#46
 Dibromomethane
 Concen: 52.537 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	68.0	102.0
174	101.1	83.2	124.8





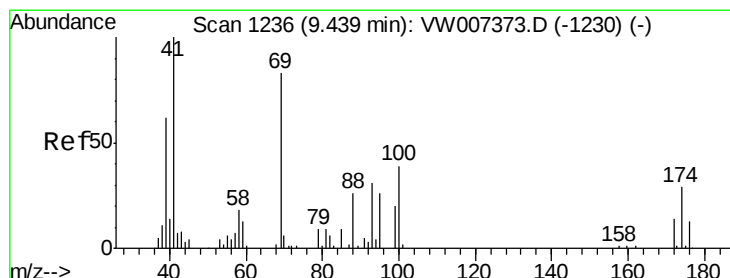
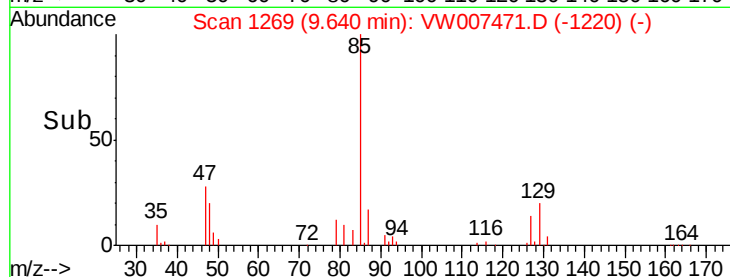
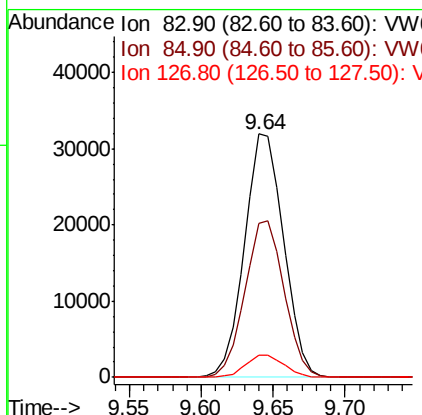
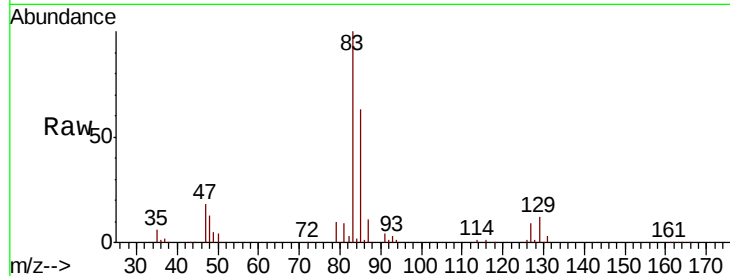
#47
Bromodichloromethane
Concen: 51.914 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	60099		
85	63.1		47.6	71.4
127	9.0		6.7	10.1

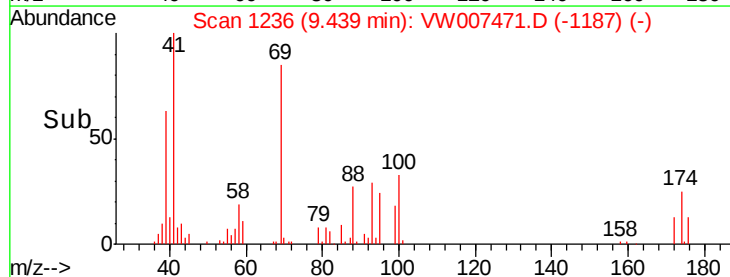
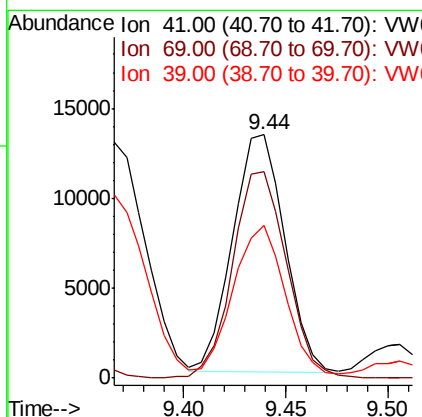
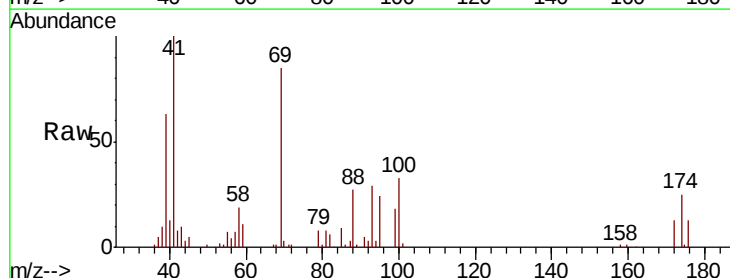
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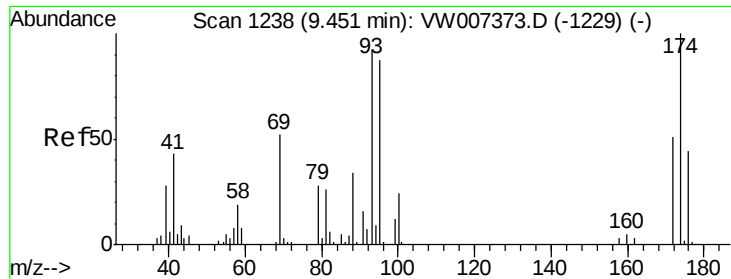
apatel
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#48
Methyl methacrylate
Concen: 51.207 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	23382		
69	90.2		69.8	104.8
39	65.7		50.9	76.3





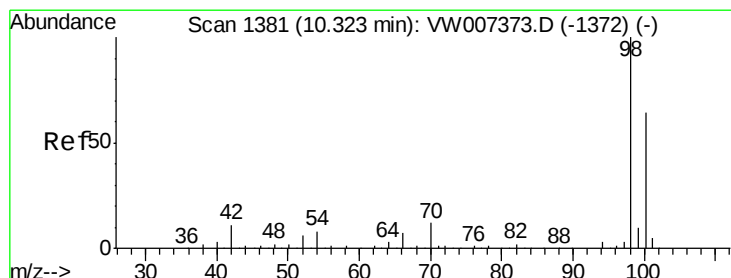
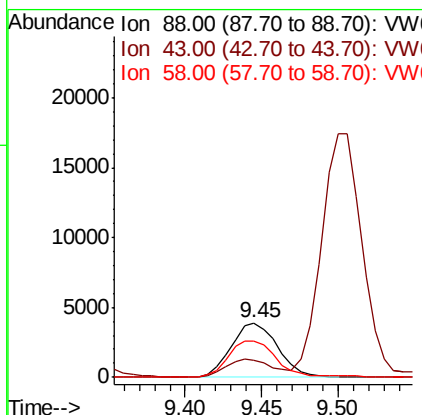
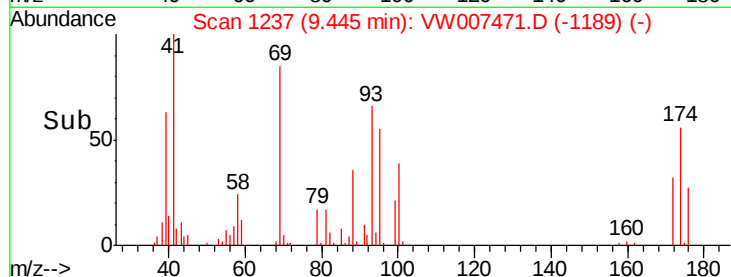
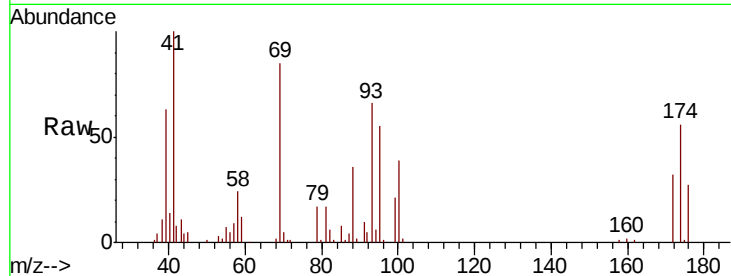
#49
1,4-Dioxane
Concen: 1135.153 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.0	37.4
58	68.5	51.4	77.2

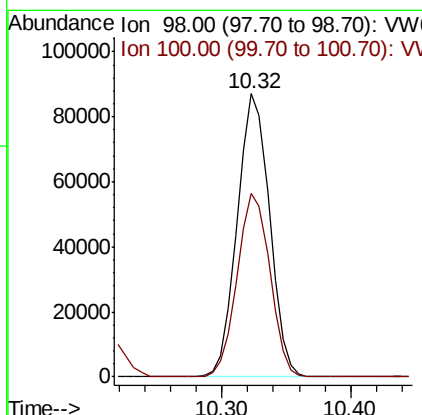
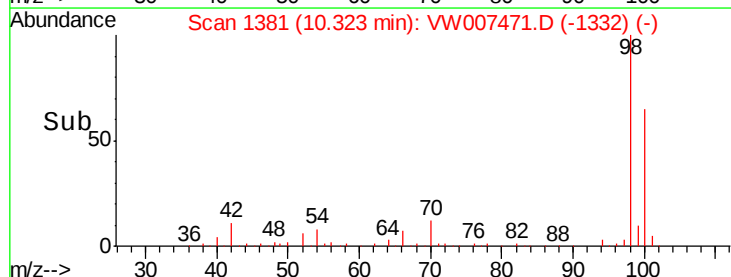
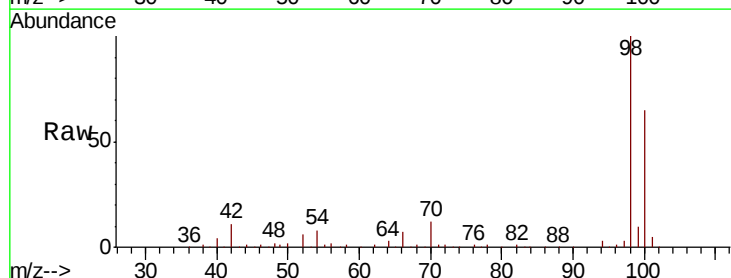
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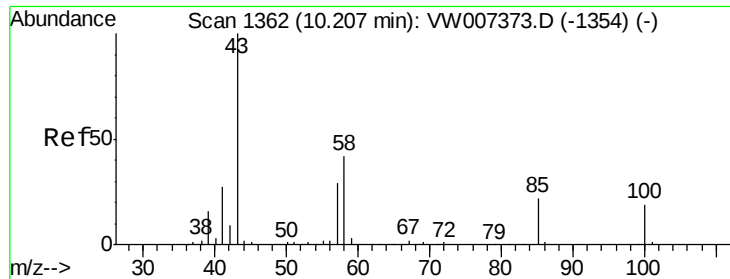
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#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 268.235 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 112684

Ion Ratio Lower Upper

43 100

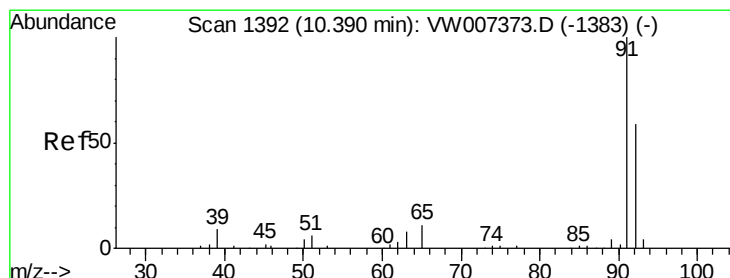
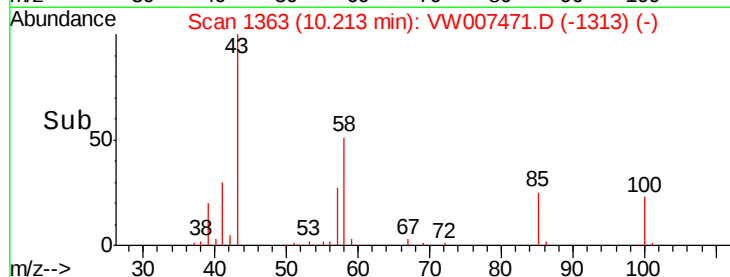
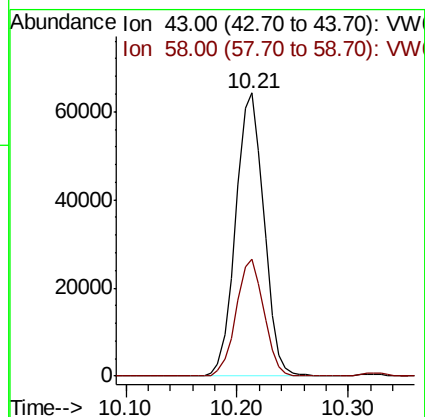
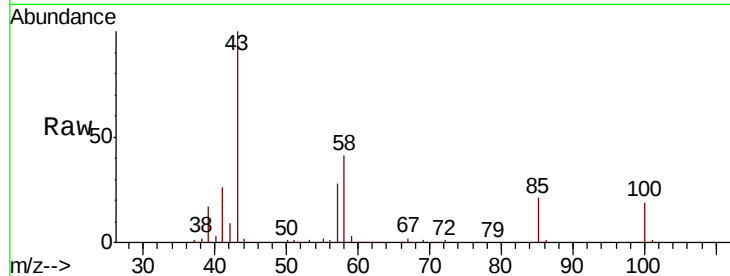
58 40.7 33.1 49.7

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#52

Toluene

Concen: 51.598 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007471.D

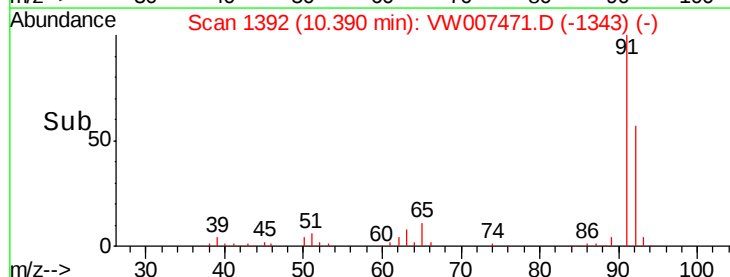
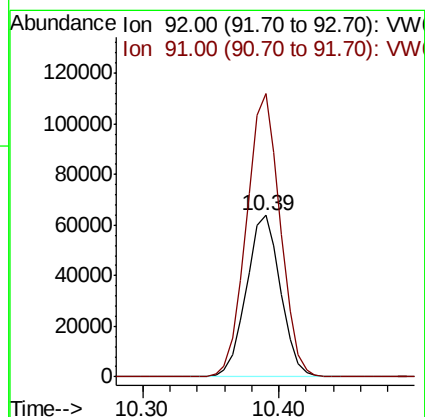
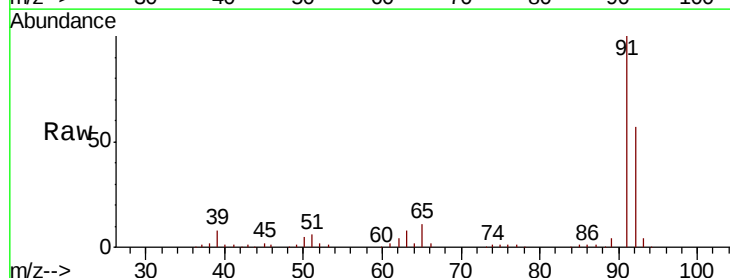
Acq: 13 Dec 2018 06:32

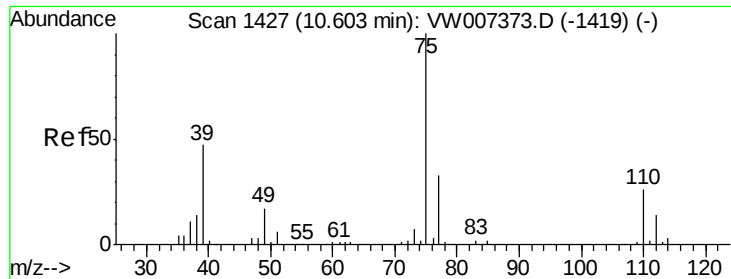
Tgt Ion: 92 Resp: 112142

Ion Ratio Lower Upper

92 100

91 172.8 136.2 204.2





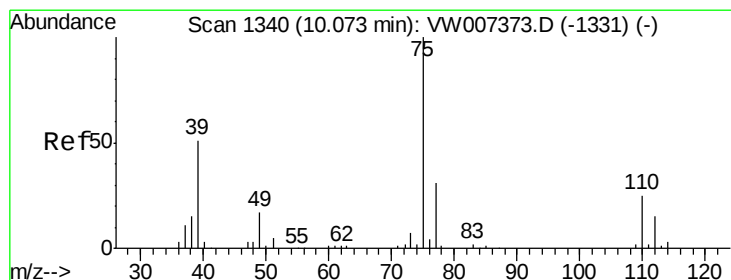
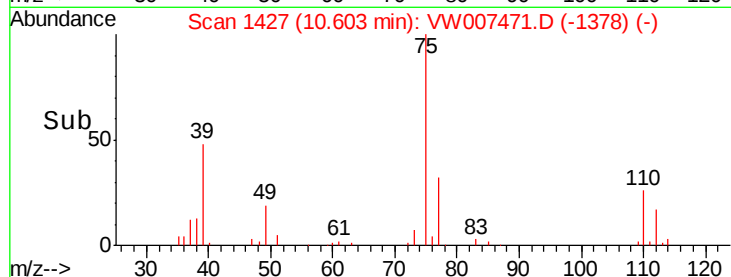
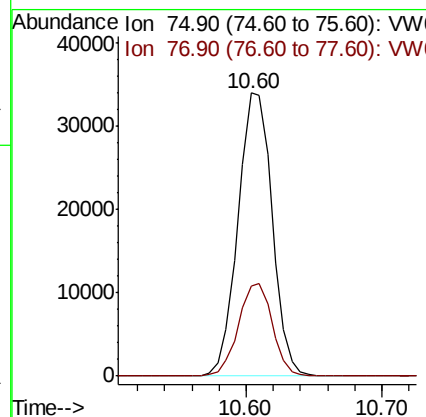
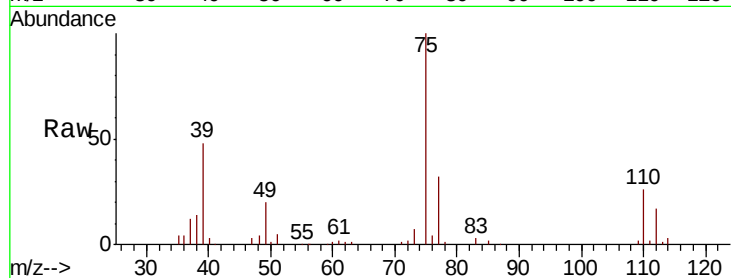
#53
t-1,3-Dichloropropene
Concen: 52.970 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 59532
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4

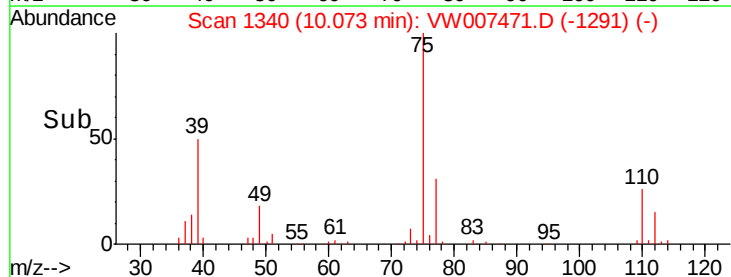
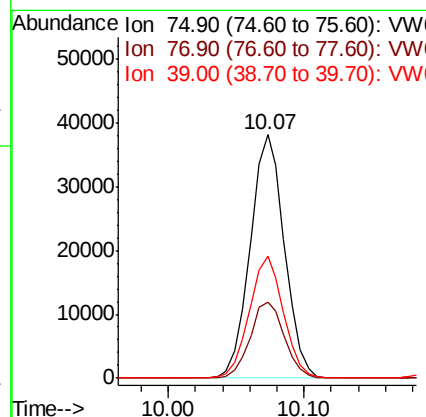
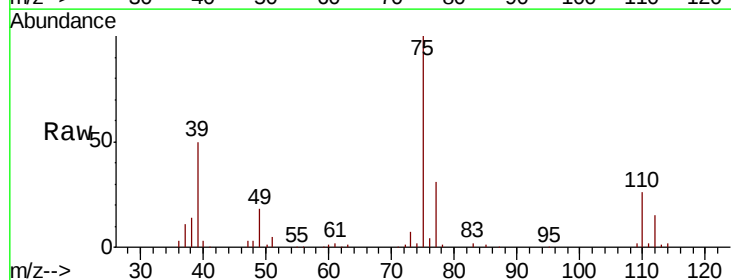
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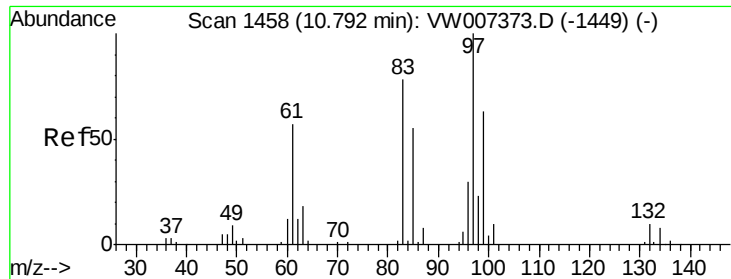
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#54
cis-1,3-Dichloropropene
Concen: 51.514 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion: 75 Resp: 66928
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 50.3 40.9 61.3





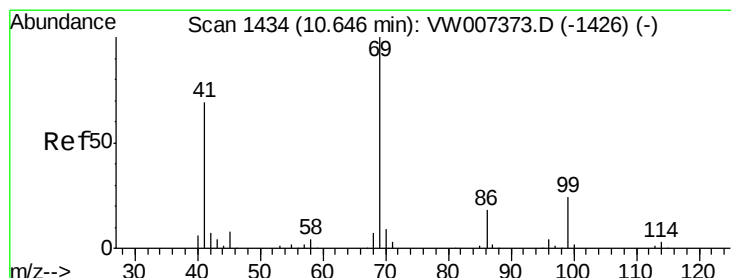
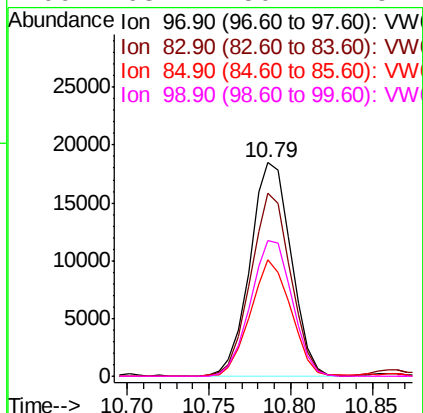
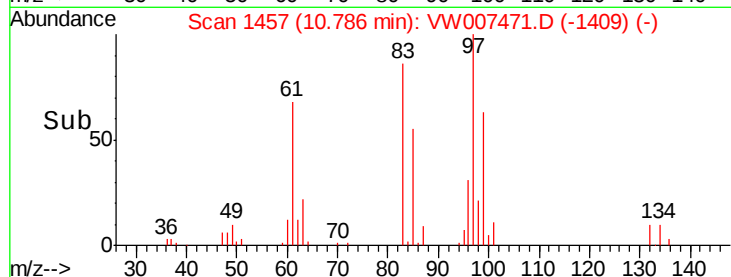
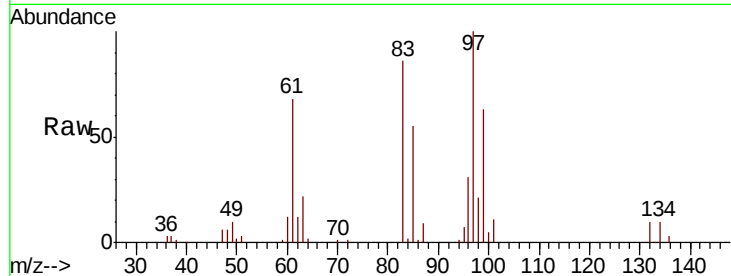
#55
 1,1,2-Trichloroethane
 Concen: 54.068 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	32477
Ion	Ratio	Lower	Upper
97	100		
83	85.8	62.1	93.1
85	54.7	44.2	66.4
99	63.4	50.2	75.4

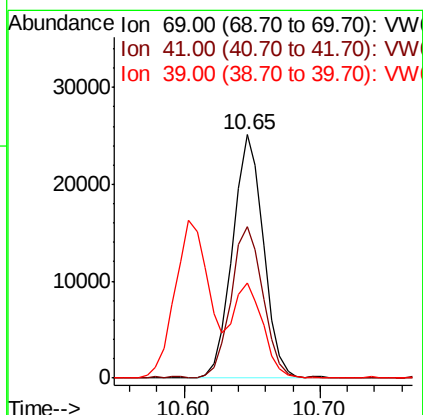
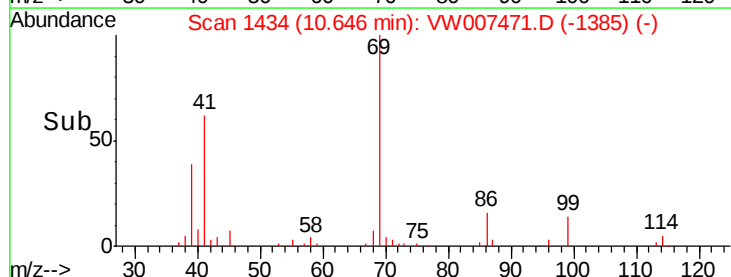
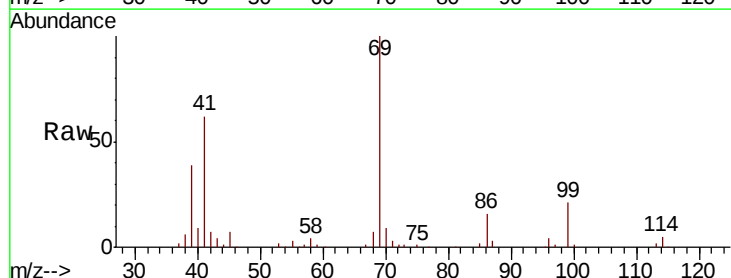
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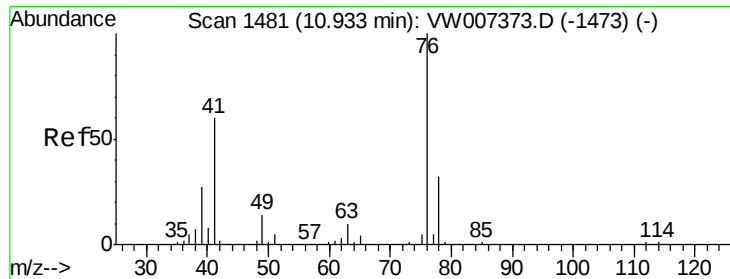
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#56
 Ethyl methacrylate
 Concen: 54.929 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion:	69	Resp:	39658
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.0	76.6
39	38.3	30.8	46.2





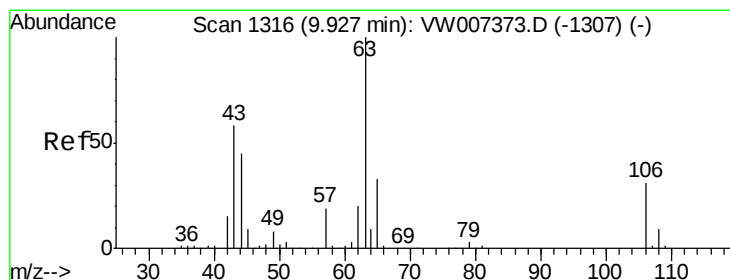
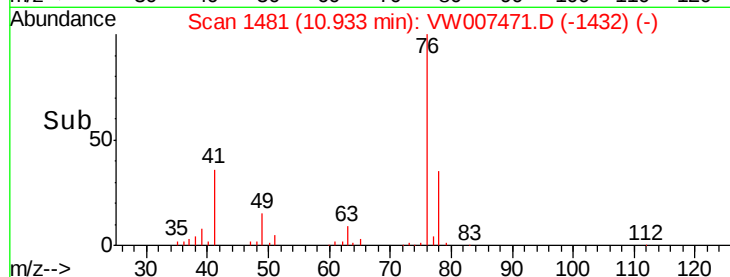
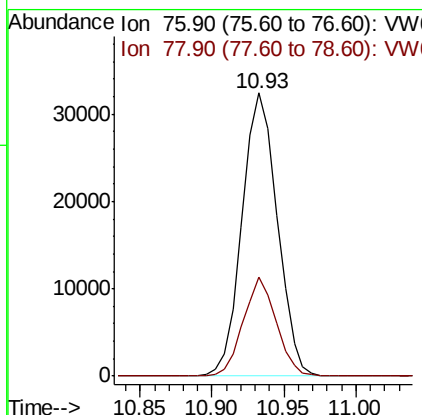
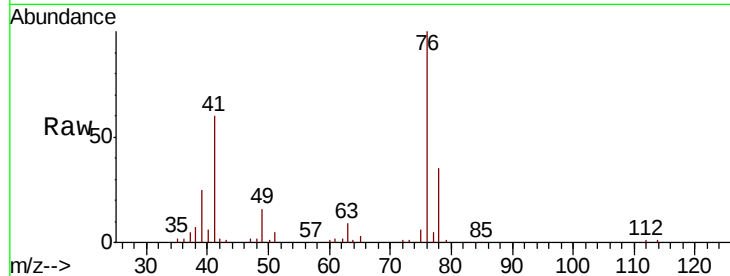
#57
 1,3-Dichloropropane
 Concen: 55.781 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 54996
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4

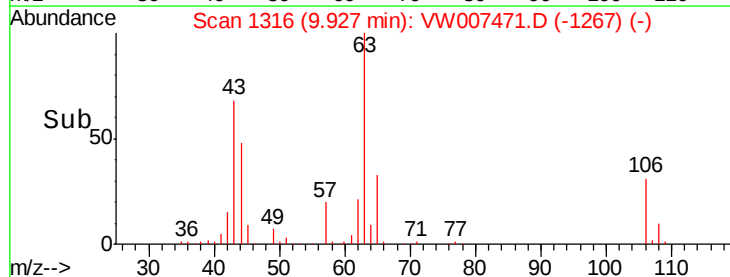
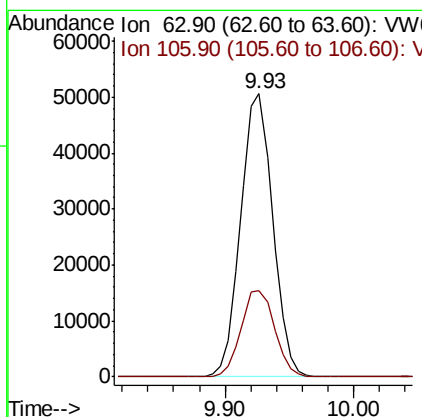
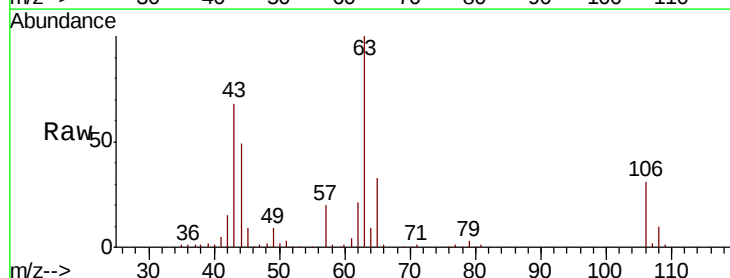
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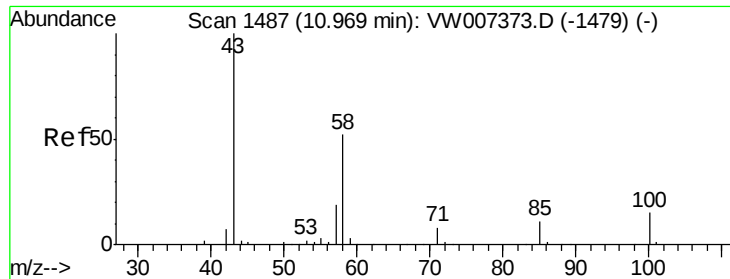
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#58
 2-Chloroethyl Vinyl ether
 Concen: 261.258 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion: 63 Resp: 86984
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.0 37.6





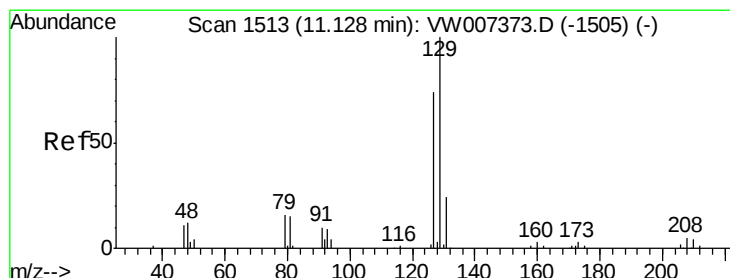
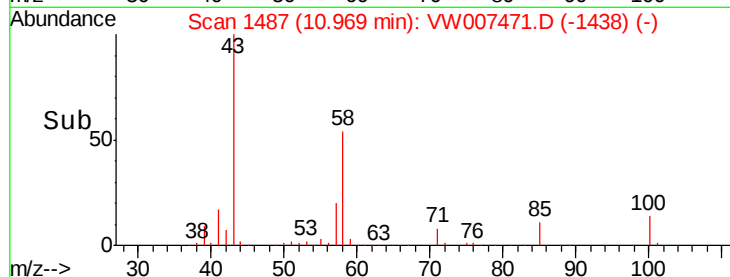
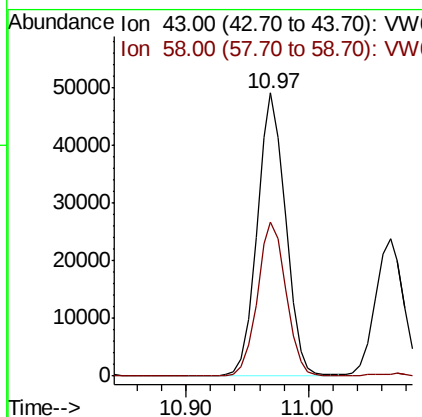
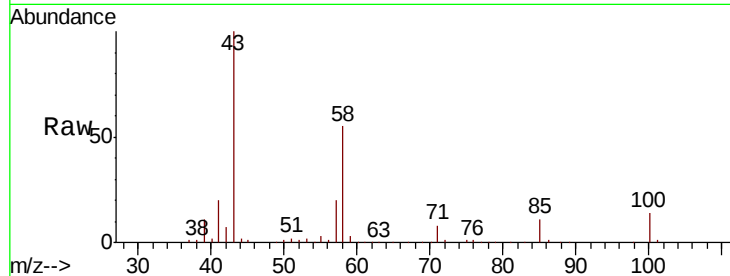
#59
2-Hexanone
Concen: 283.301 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 79358
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

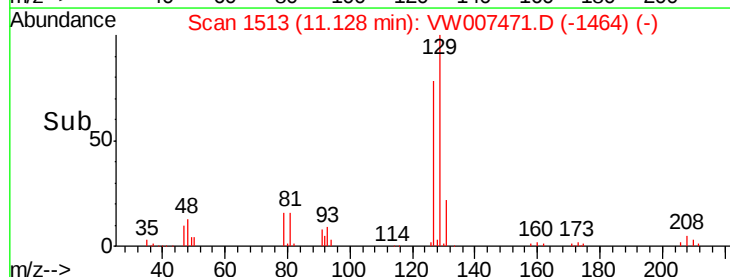
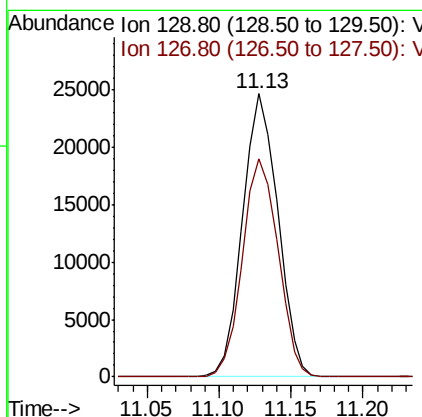
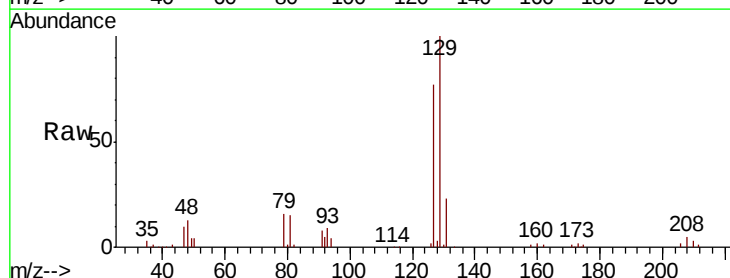
Manual Integrations
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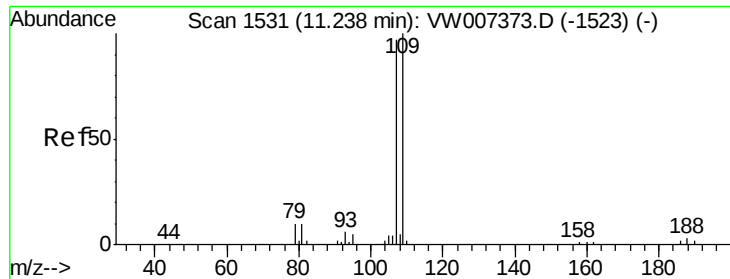
apatel
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#60
Dibromochloromethane
Concen: 55.280 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion: 129 Resp: 41905
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3





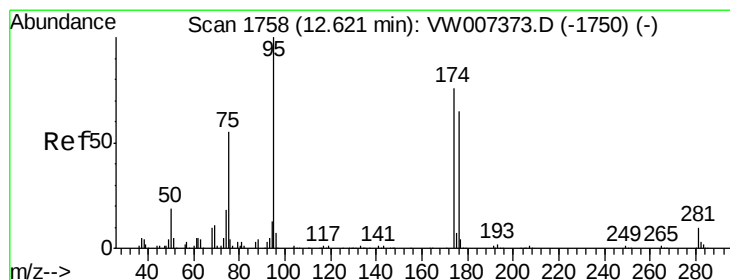
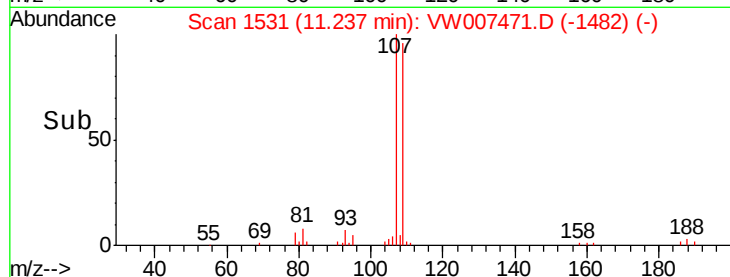
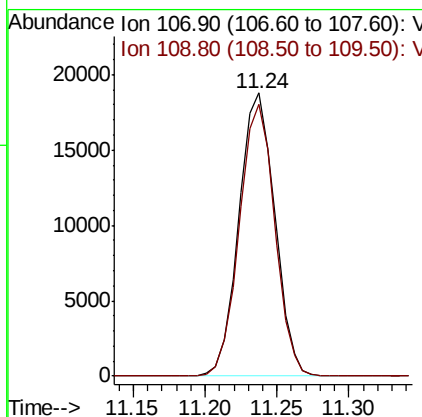
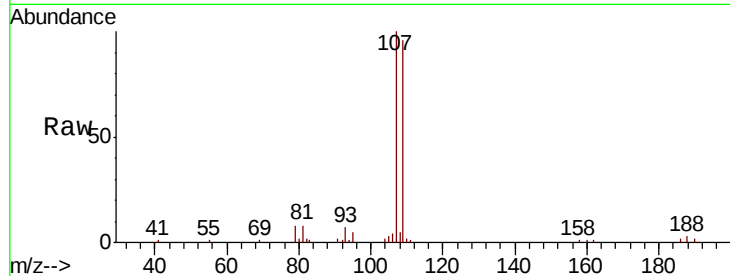
#61
 1,2-Dibromoethane
 Concen: 54.617 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	79.1	118.7

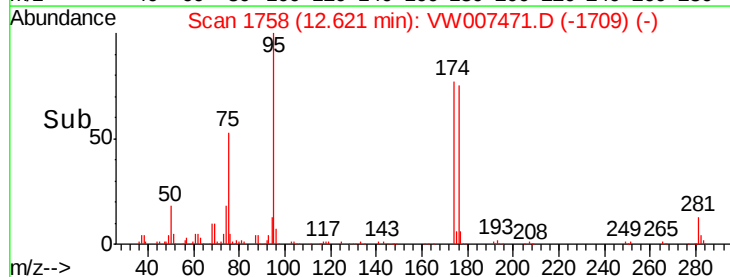
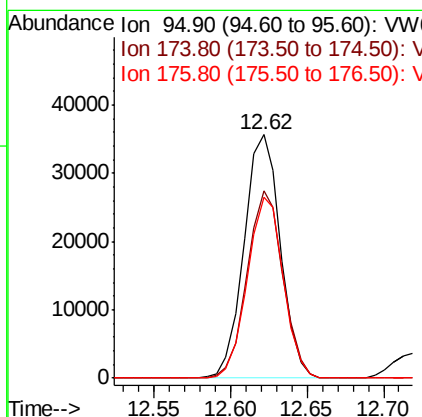
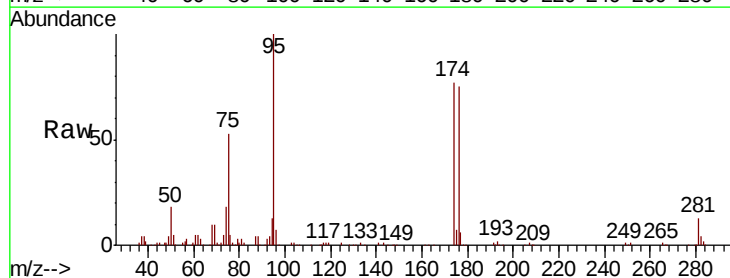
Manual Integrations
 APPROVED

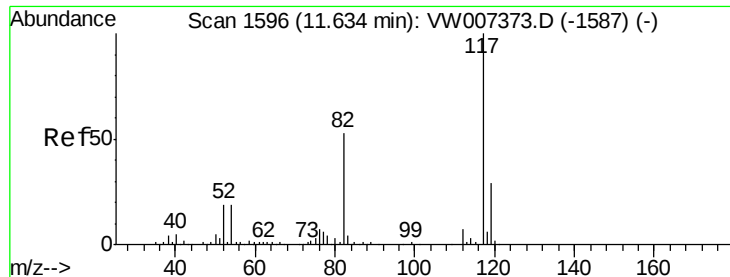
apatel
 12/13/2018 4:39:52 PM



#62
 4-Bromofluorobenzene
 Concen: 53.106 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	147.2
176	73.7	0.0	138.8





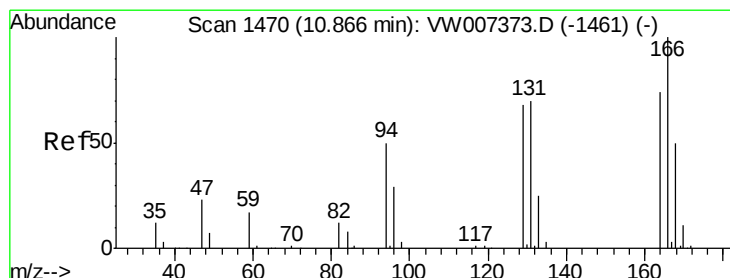
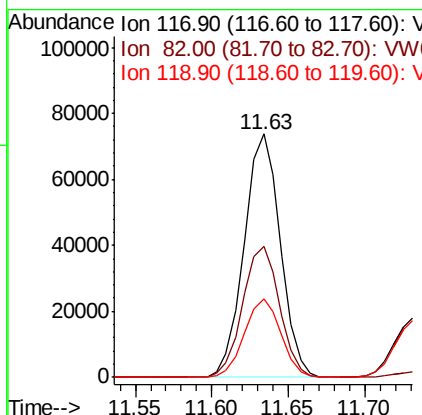
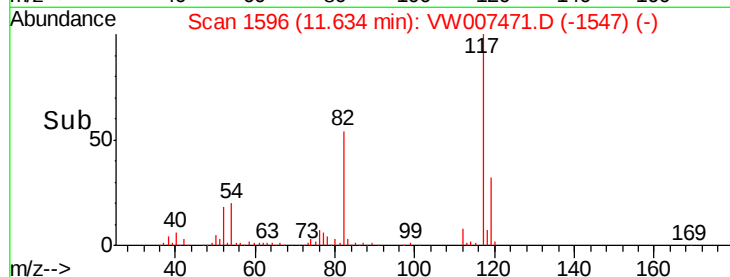
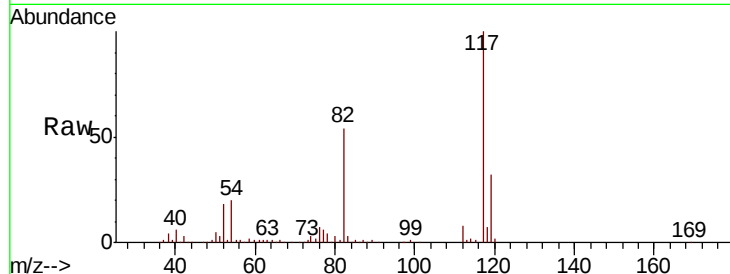
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.3	63.5
119	32.5	23.0	34.6

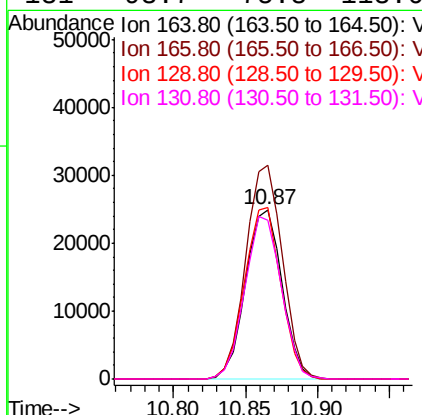
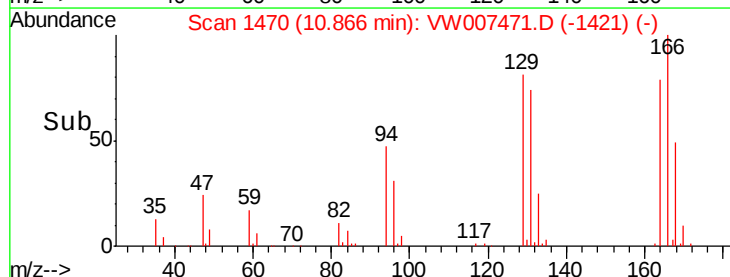
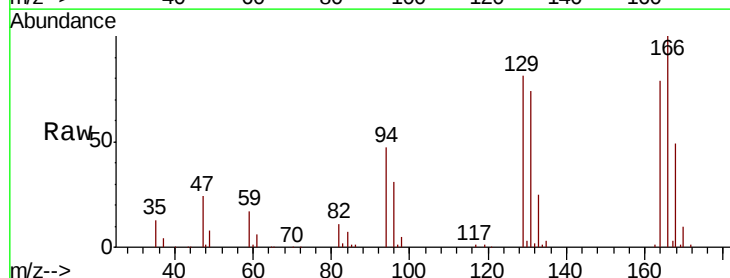
Manual Integrations
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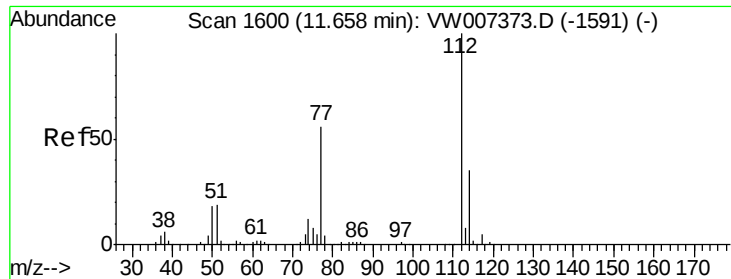
apatel
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#64
Tetrachloroethene
Concen: 49.845 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	107.9	161.9
129	101.6	73.4	110.2
131	93.7	75.8	113.6





#65

Chlorobenzene

Concen: 50.863 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 128790

Ion Ratio Lower Upper

112 100

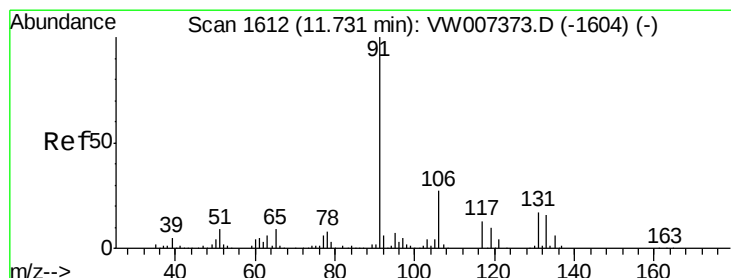
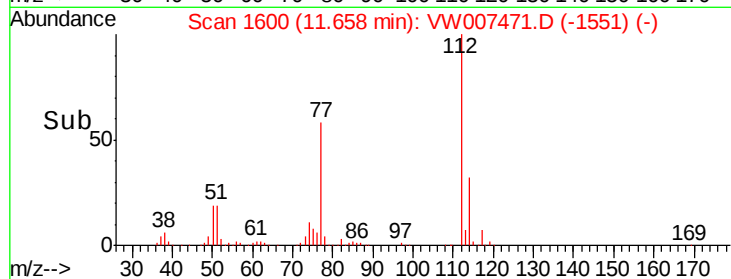
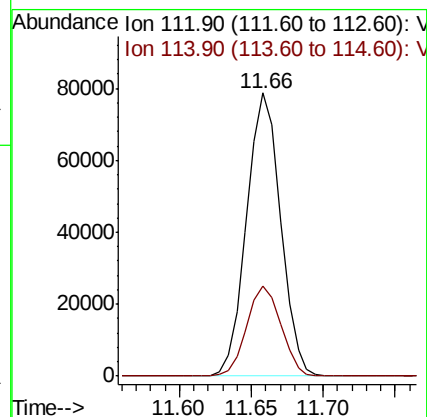
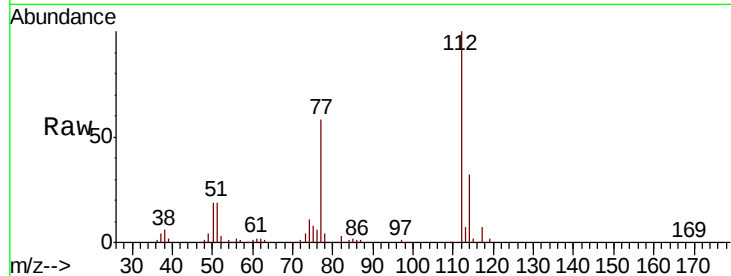
114 31.8 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.860 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

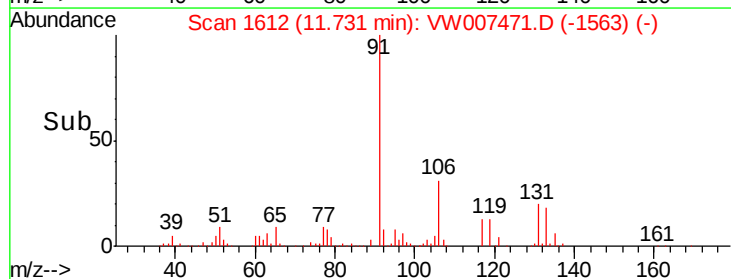
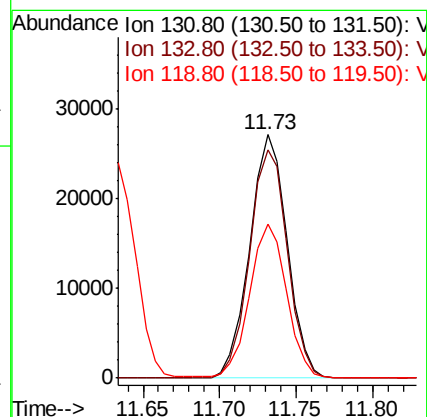
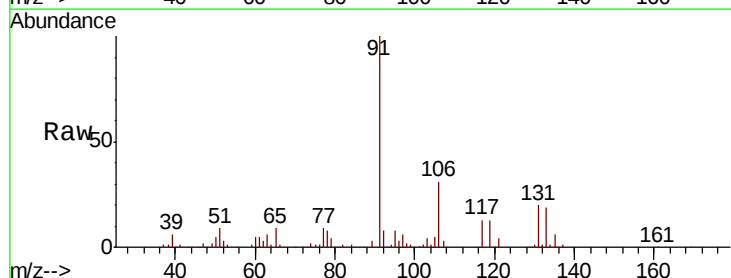
Tgt Ion:131 Resp: 46249

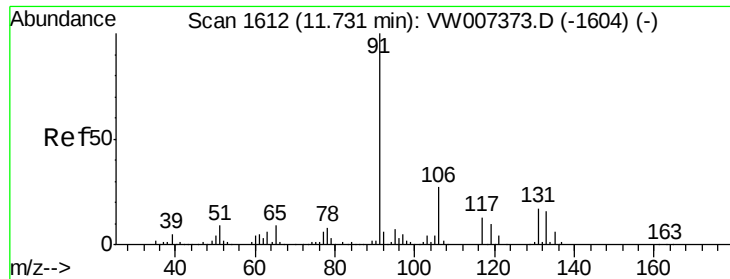
Ion Ratio Lower Upper

131 100

133 94.4 47.1 141.4

119 62.9 31.3 93.9





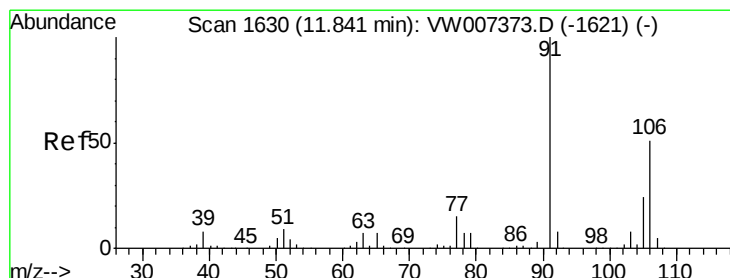
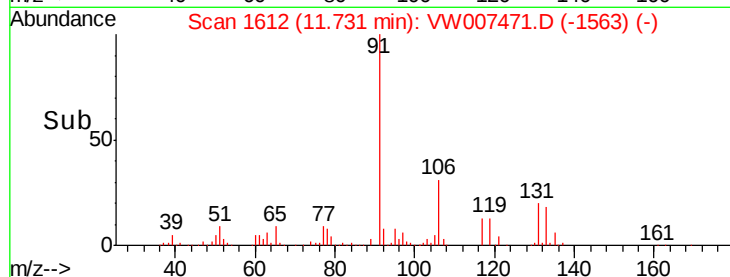
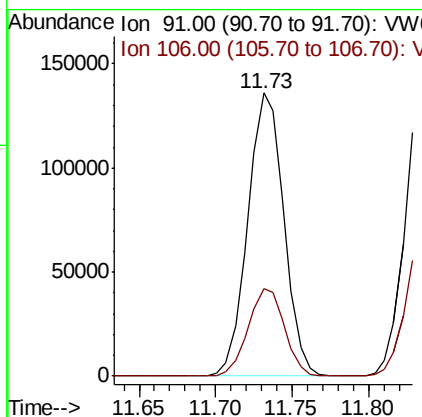
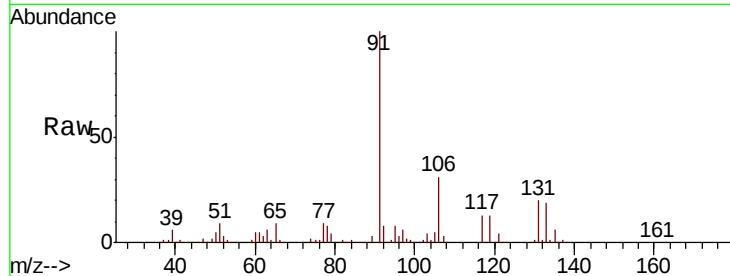
#67
Ethyl Benzene
Concen: 51.223 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 222994
Ion Ratio Lower Upper
91 100
106 31.1 21.8 32.8

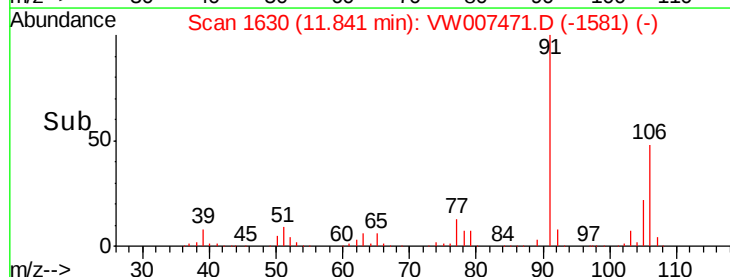
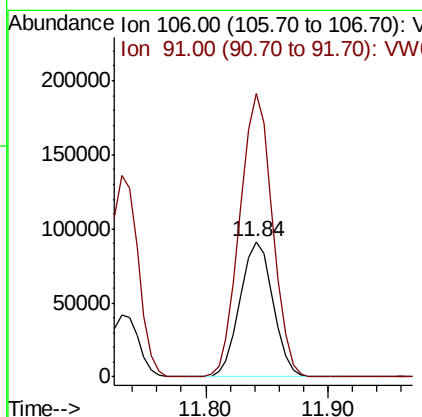
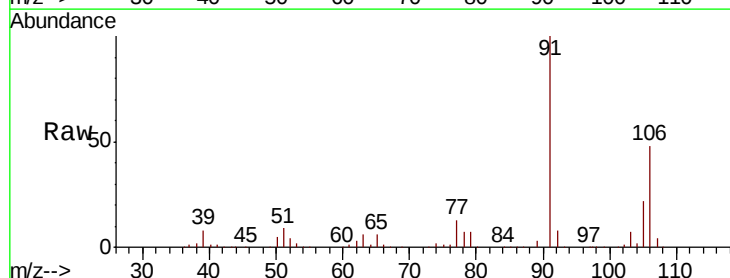
Manual Integrations
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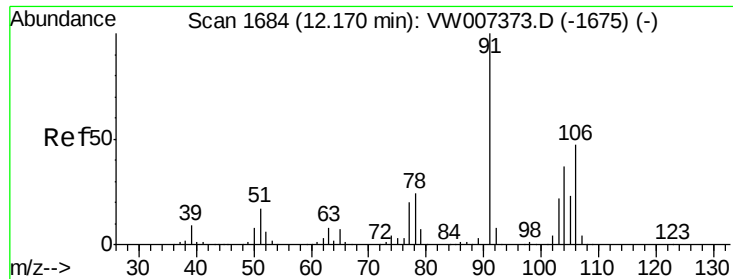
apatel
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#68
m/p-Xylenes
Concen: 101.293 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion: 106 Resp: 171430
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9





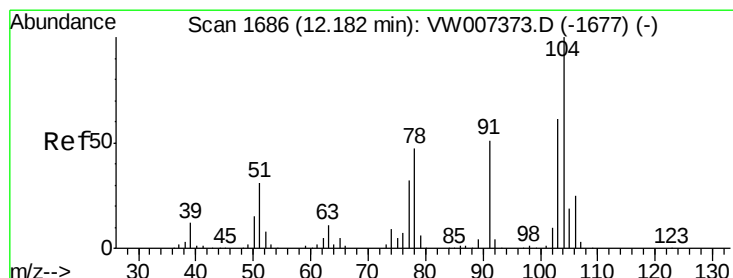
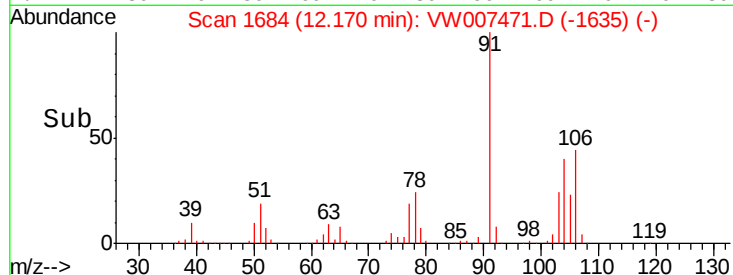
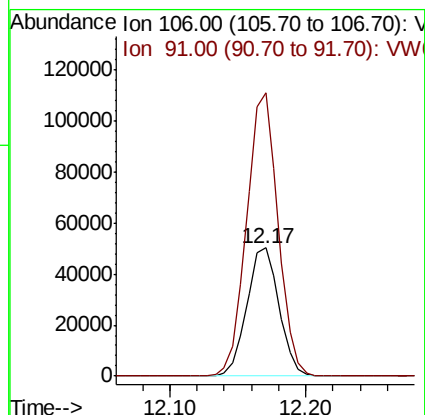
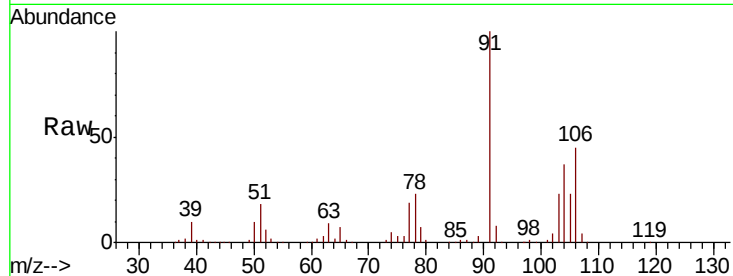
#69
o-Xylene
Concen: 52.732 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 83348
Ion Ratio Lower Upper
106 100
91 215.3 106.6 319.8

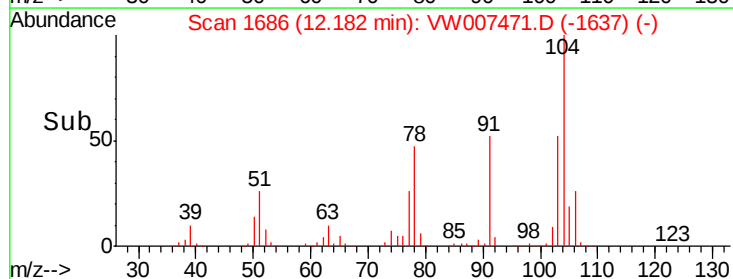
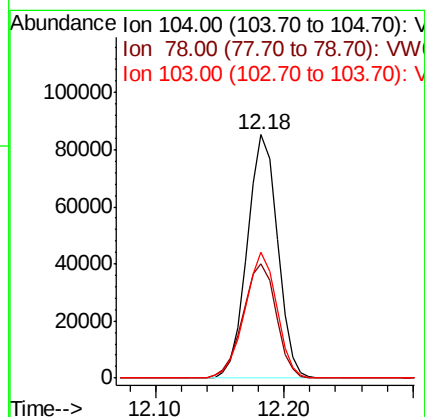
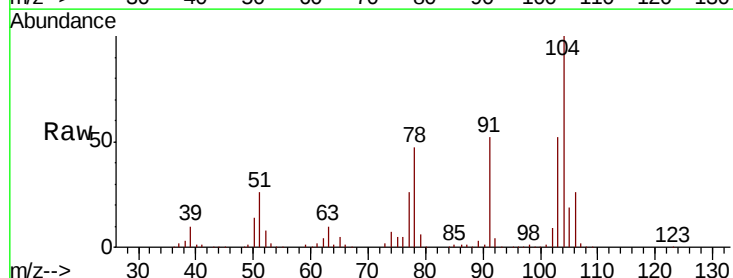
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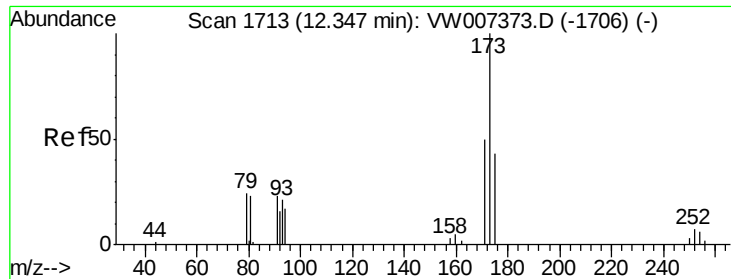
apatel
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#70
Styrene
Concen: 54.132 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion:104 Resp: 138199
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.8
103 54.5 46.6 69.8





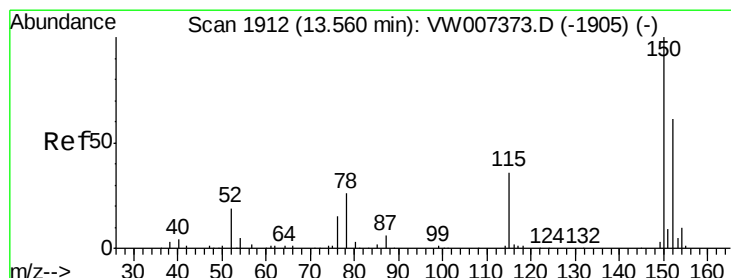
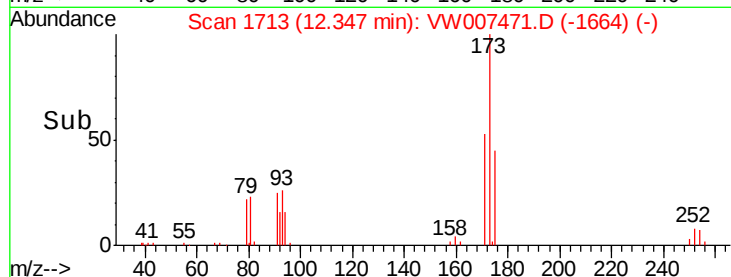
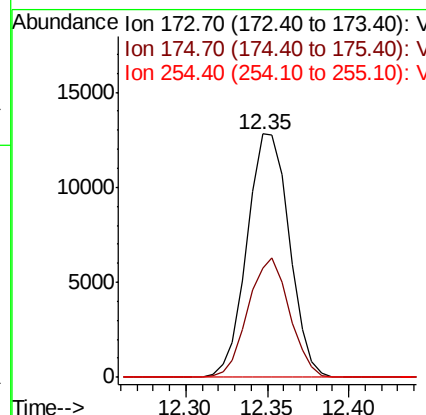
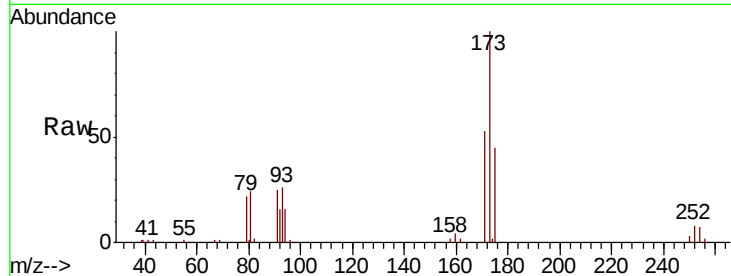
#71
Bromoform
Concen: 50.733 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.6	70.8
254	0.0	0.0	0.0

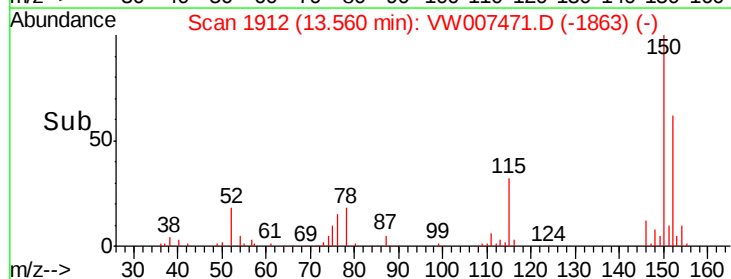
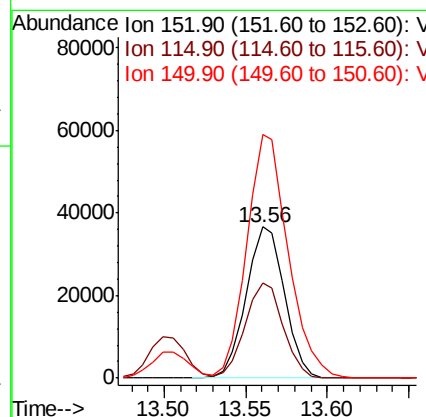
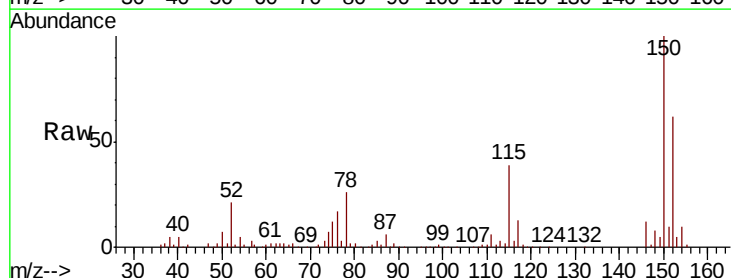
Manual Integrations
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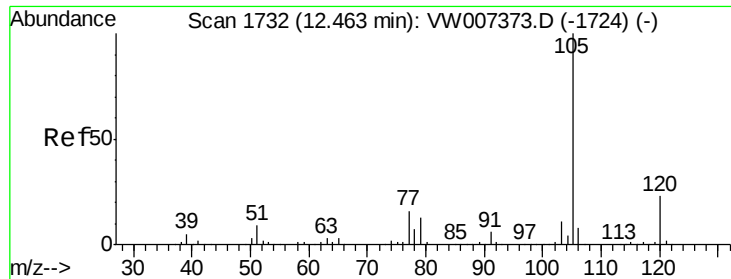
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.4	94.2
150	173.7	0.0	358.4





#73

Isopropylbenzene

Concen: 49.771 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 228558

Ion Ratio Lower Upper

105 100

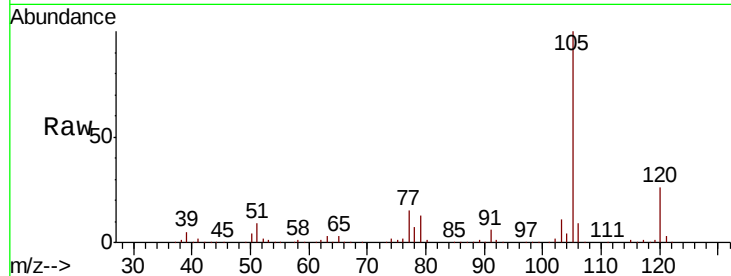
120 25.8 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

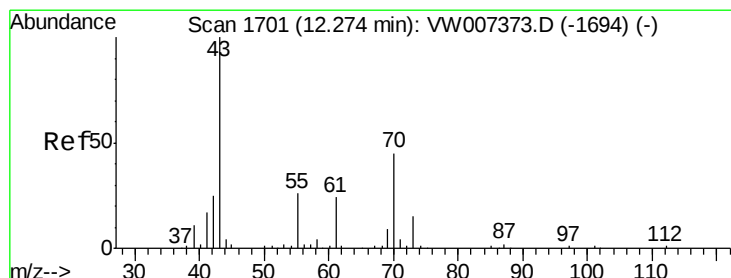
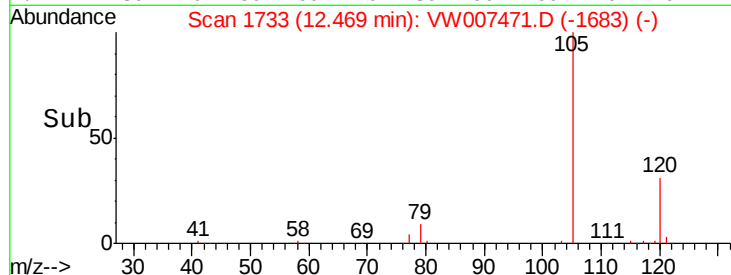
100000

50000

0

12.40 12.47 12.50

Time-->



#74

N-ethyl acetate

Concen: 51.815 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion: 43 Resp: 43244

Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 26.6 20.1 30.1

61 25.2 19.3 28.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

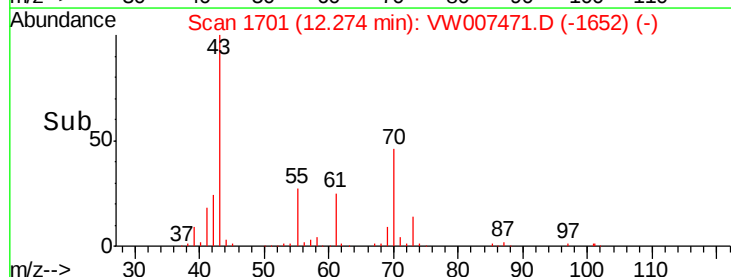
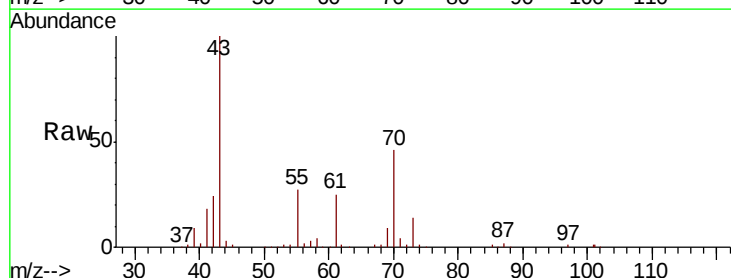
20000

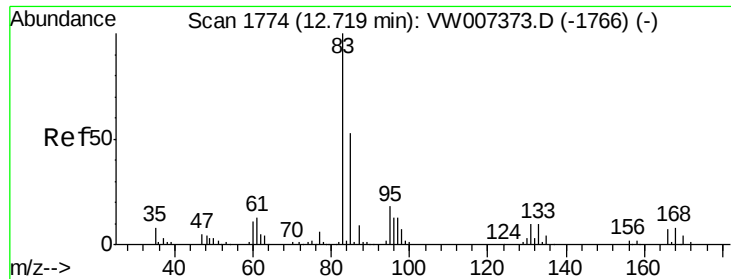
10000

0

12.20 12.27 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.272 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

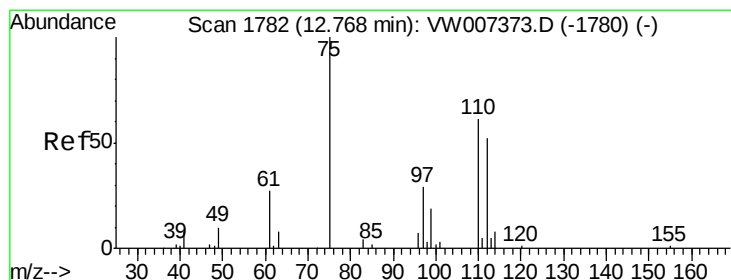
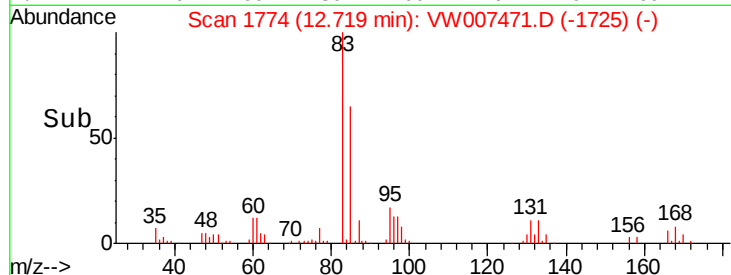
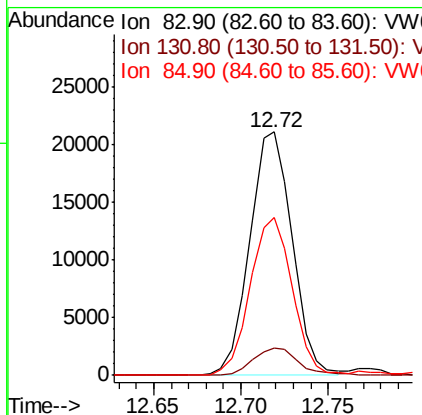
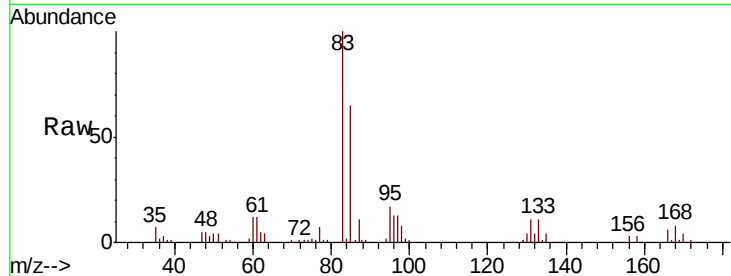
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	35553
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.8
85	64.5	30.0	90.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.457 ug/l m

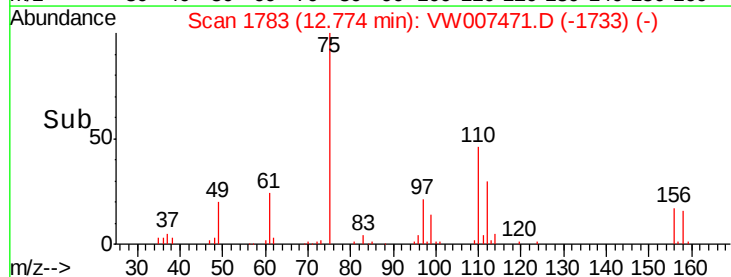
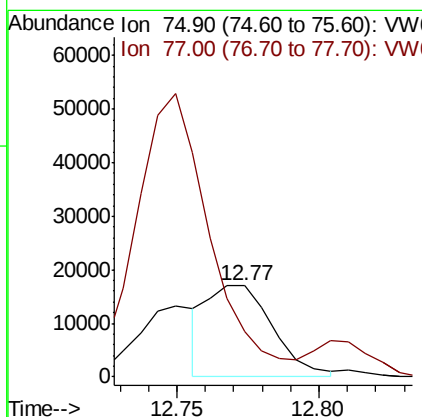
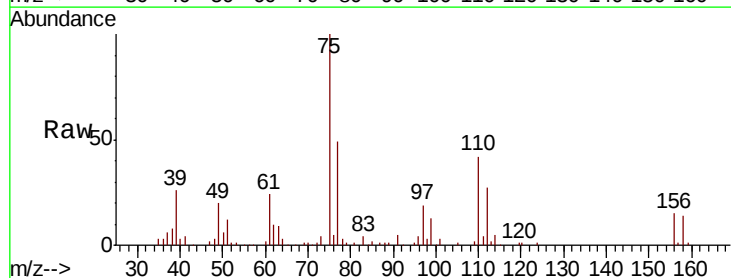
RT: 12.77 min Scan# 1783

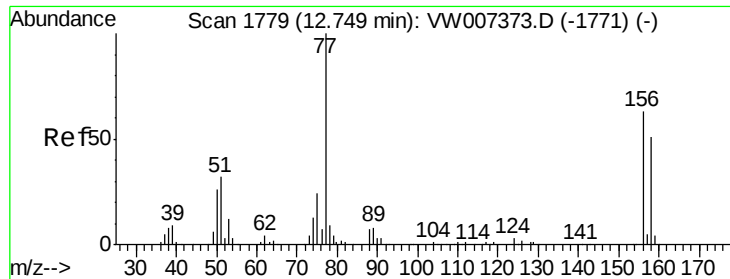
Delta R.T. 0.01 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Tgt Ion:	75	Resp:	27404
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 51.134 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

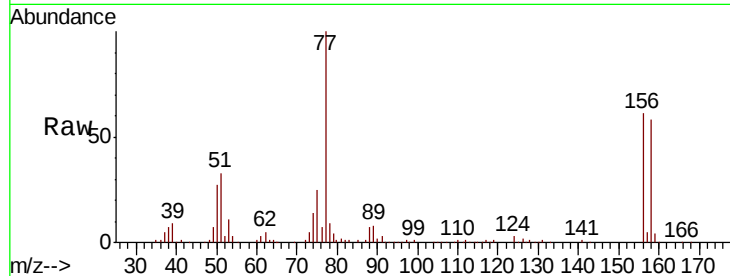
ClientSampleId :

VSTDCCC050EC

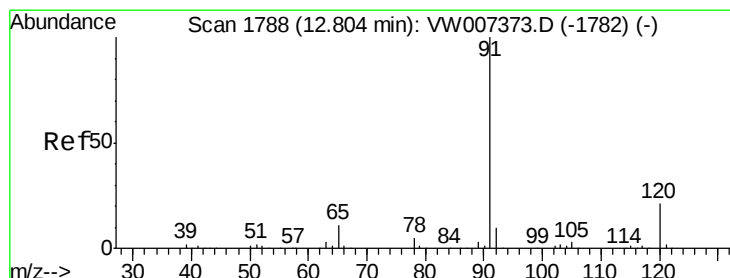
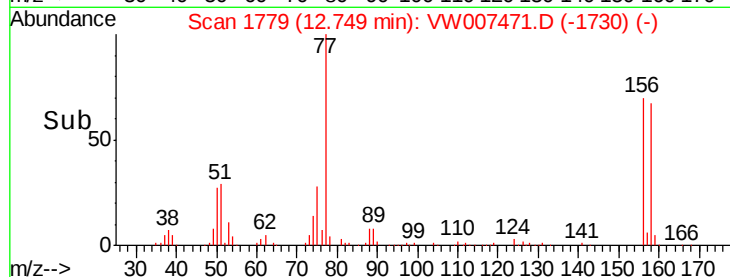
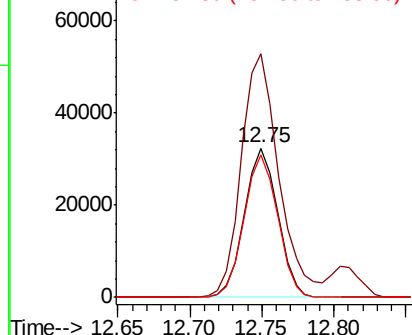
Tot Ion:	156	Resp:	52049
Ion Ratio	Lower	Upper	
156	100		
77	184.3	88.1	264.4
158	95.8	45.6	136.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.310 ug/l

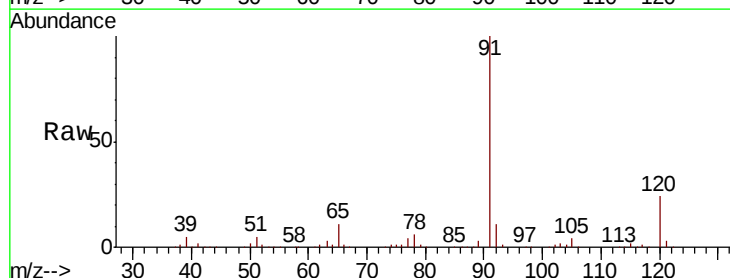
RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

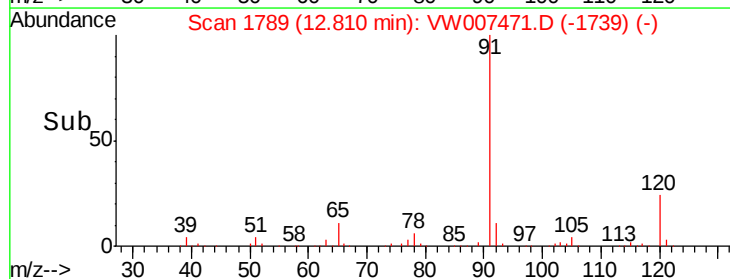
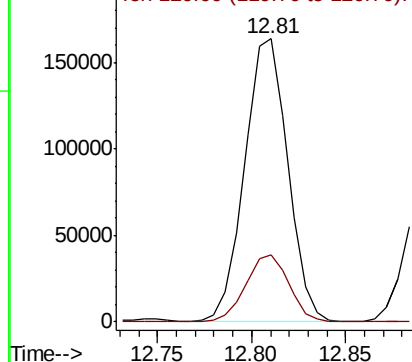
Lab File: VW007471.D

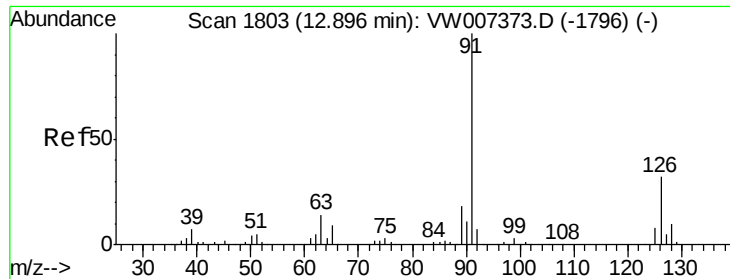
Acq: 13 Dec 2018 06:32

Tgt Ion:	91	Resp:	260002
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.556 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007471.D

Acq: 13 Dec 2018 06:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 154965

Ion Ratio Lower Upper

91 100

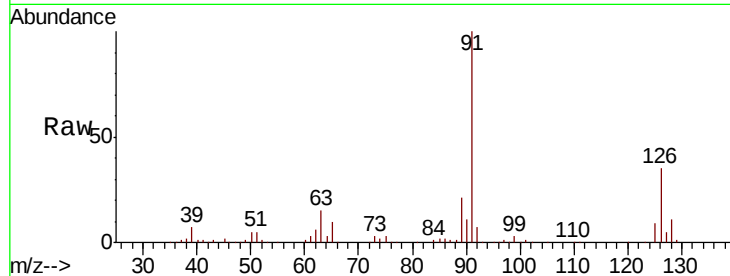
126 34.0 15.9 47.6

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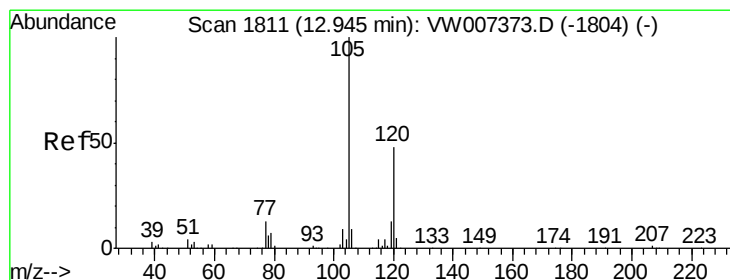
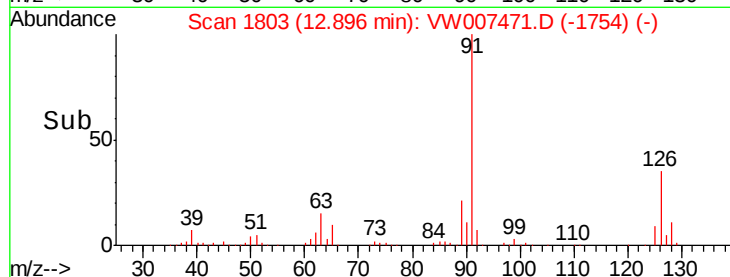
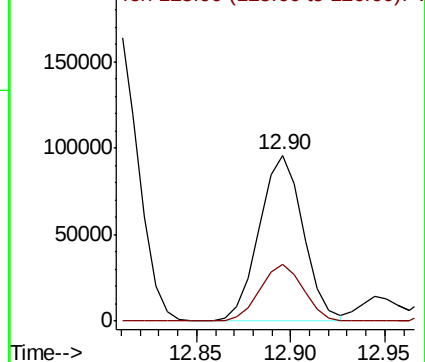
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.816 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007471.D

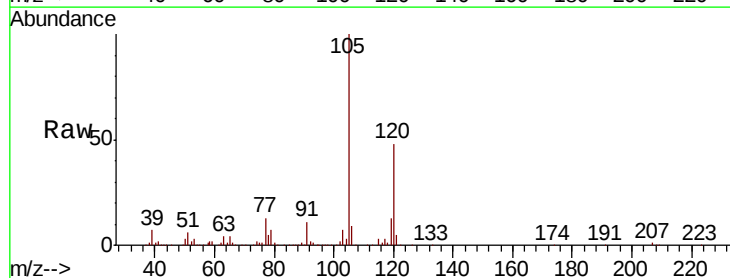
Acq: 13 Dec 2018 06:32

Tgt Ion:105 Resp: 196074

Ion Ratio Lower Upper

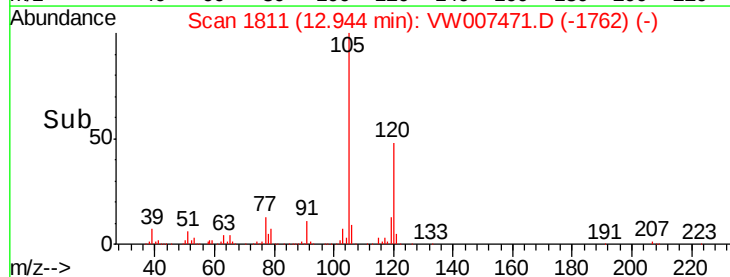
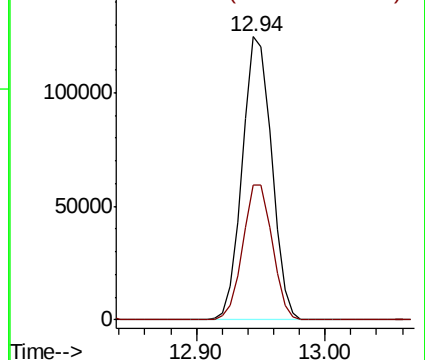
105 100

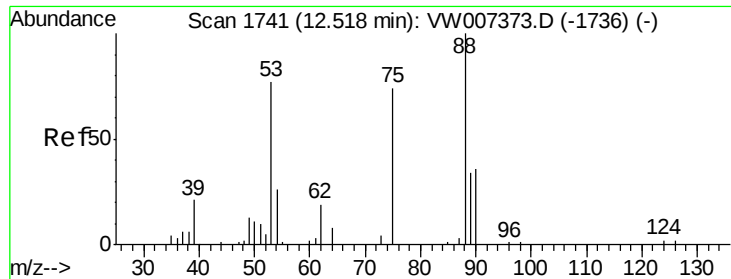
120 47.9 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





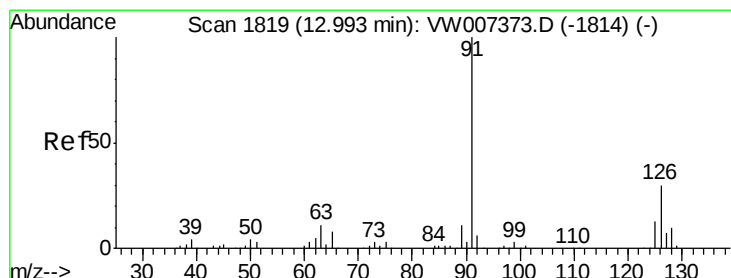
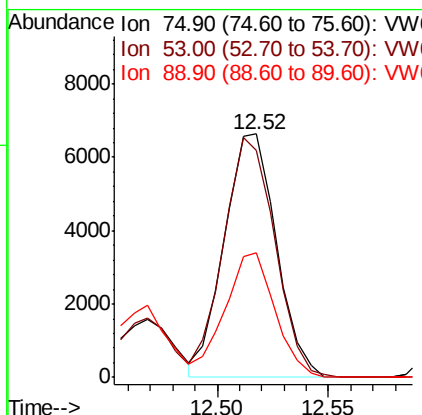
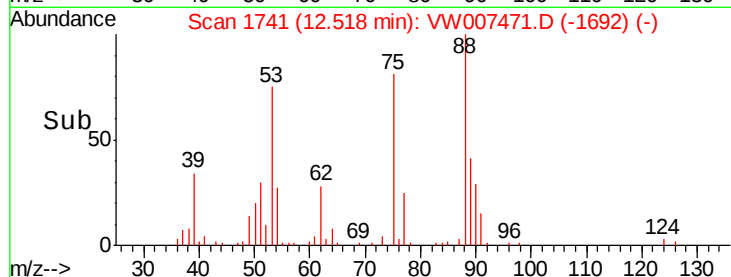
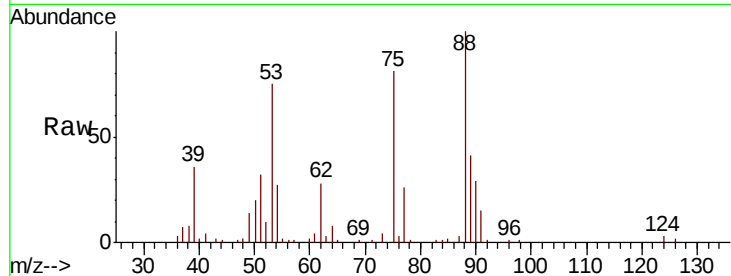
#81
trans-1,4-Dichloro-2-butene
Concen: 48.315 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	84.9	127.3
89	49.2	40.3	60.5

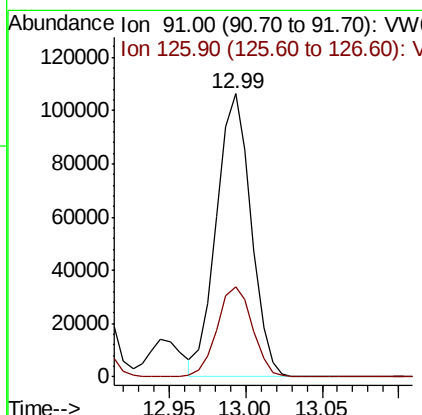
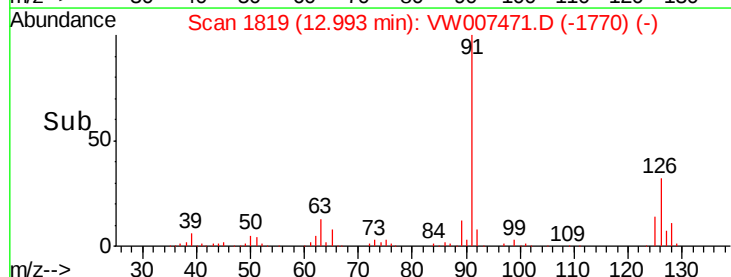
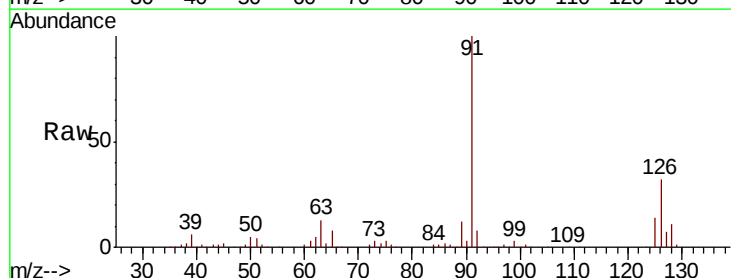
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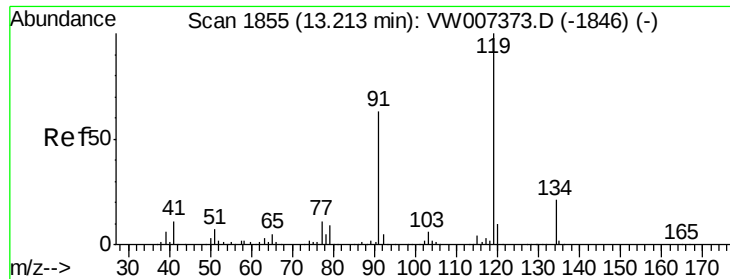
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#82
4-Chlorotoluene
Concen: 50.590 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.0	48.0





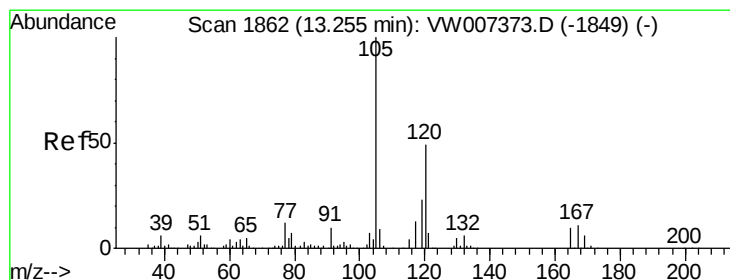
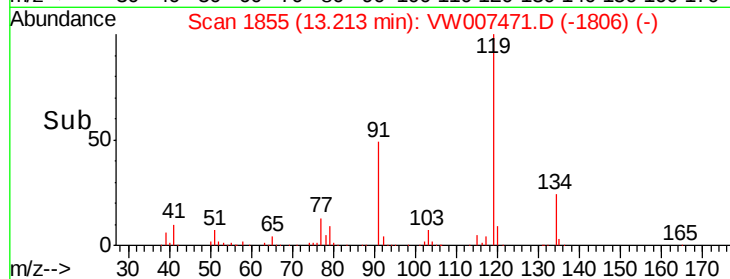
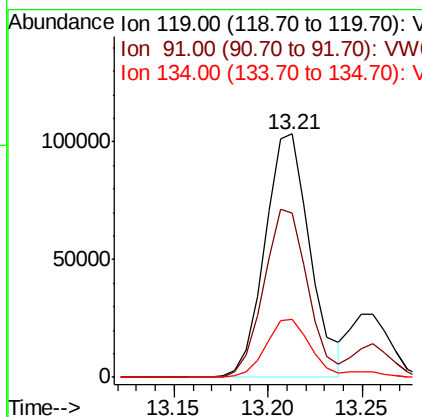
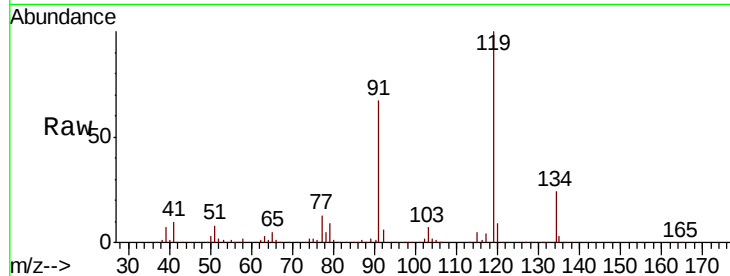
#83
tert-Butylbenzene
Concen: 50.510 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	171728		
91	67.2	33.1	99.2	
134	23.6	12.5	37.5	

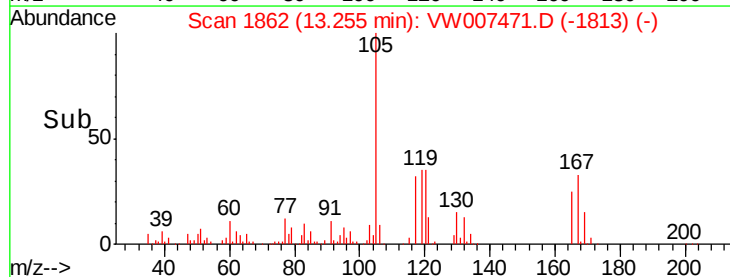
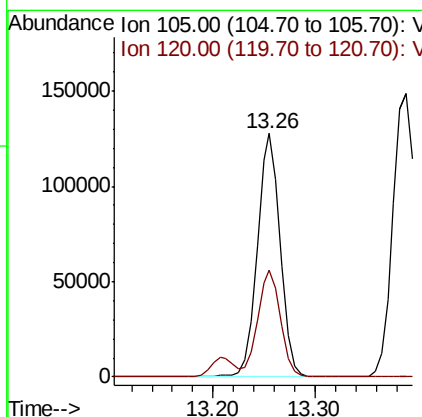
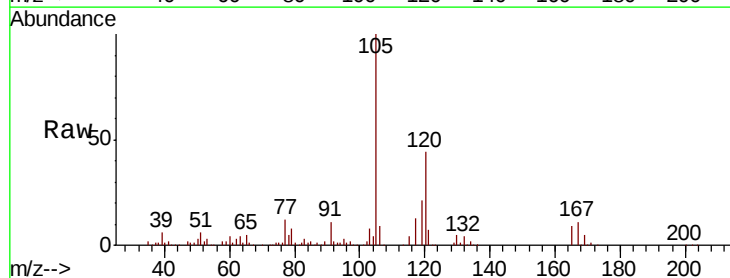
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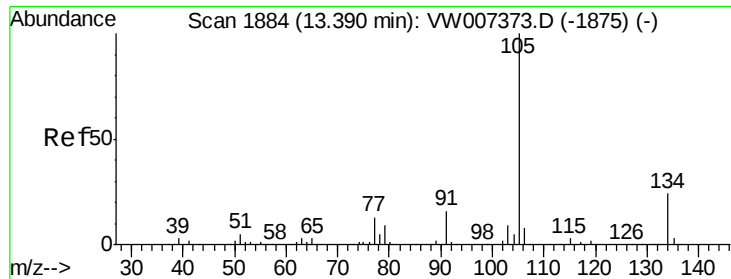
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#84
1,2,4-Trimethylbenzene
Concen: 50.314 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199778		
120	43.9	22.6	67.7	





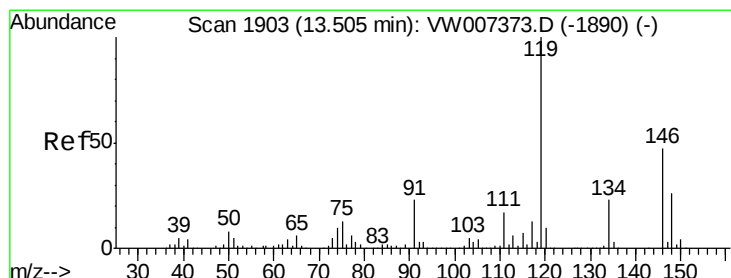
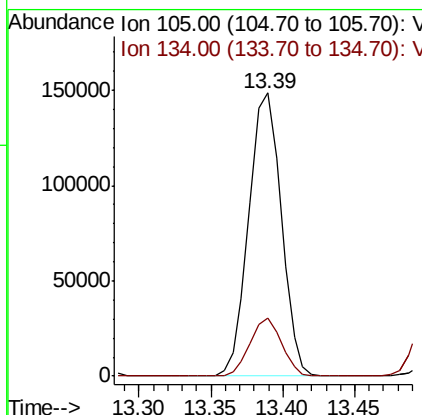
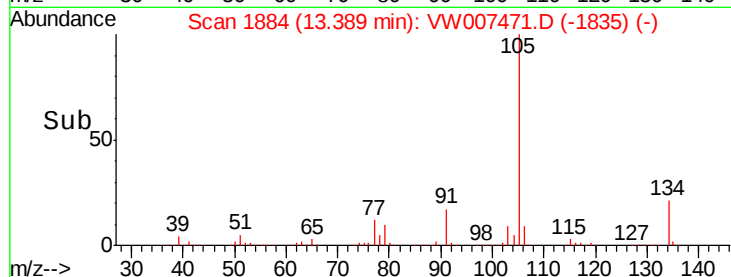
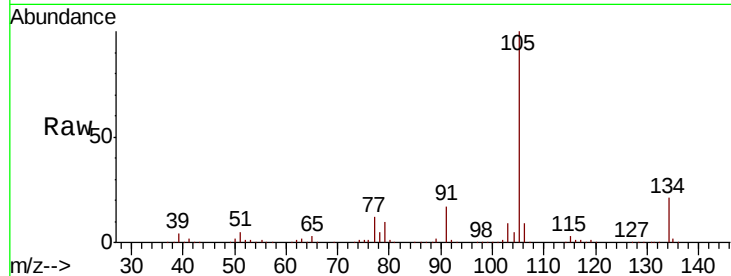
#85
 sec-Butylbenzene
 Concen: 50.041 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 232256
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3

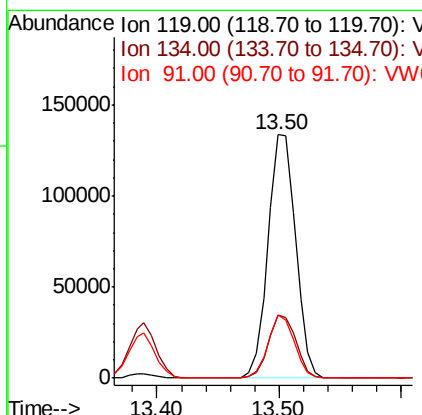
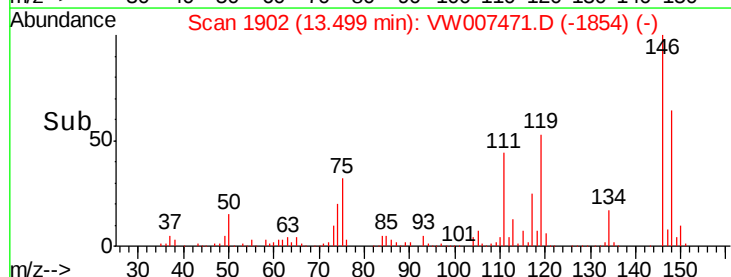
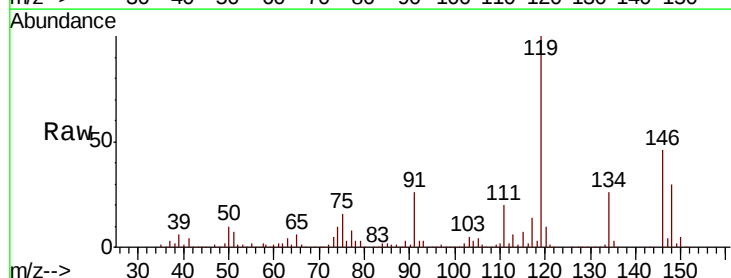
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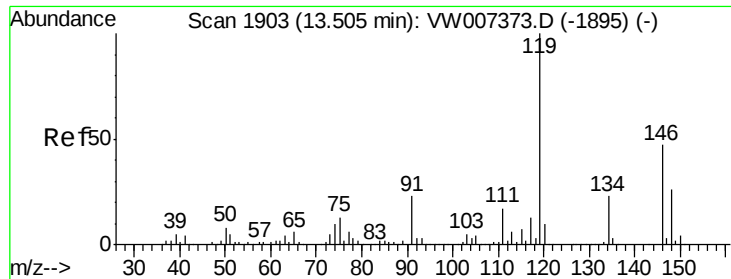
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#86
 p-Isopropyltoluene
 Concen: 50.341 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion:119 Resp: 209903
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.7 11.9 35.9





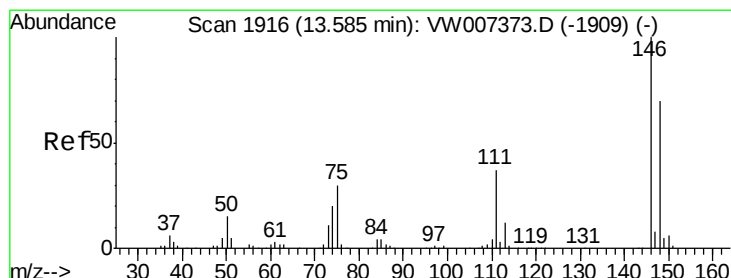
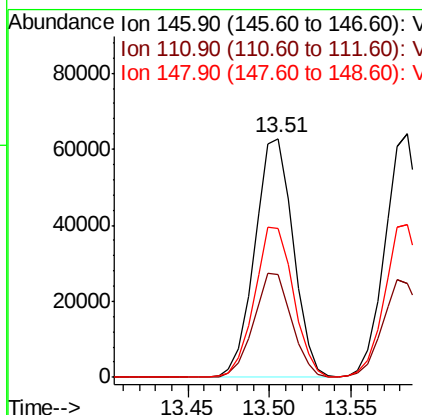
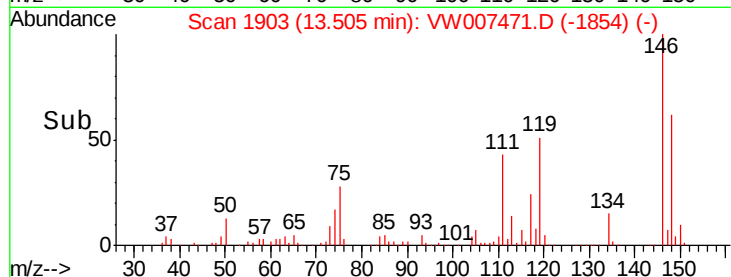
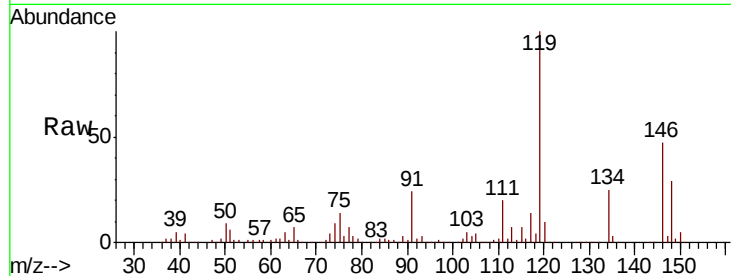
#87
 1,3-Dichlorobenzene
 Concen: 50.480 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.1	60.3
148	63.7	31.4	94.0

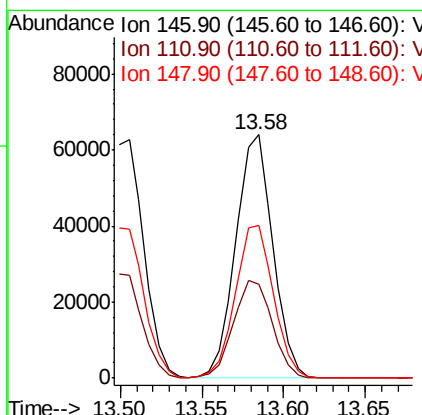
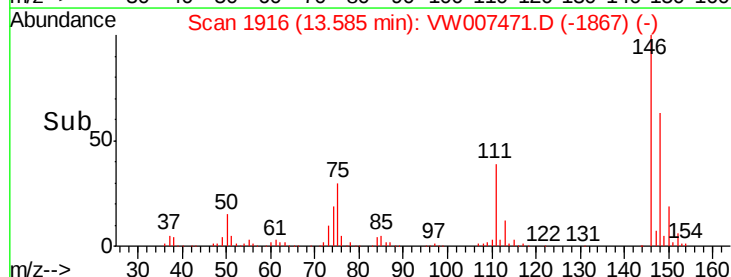
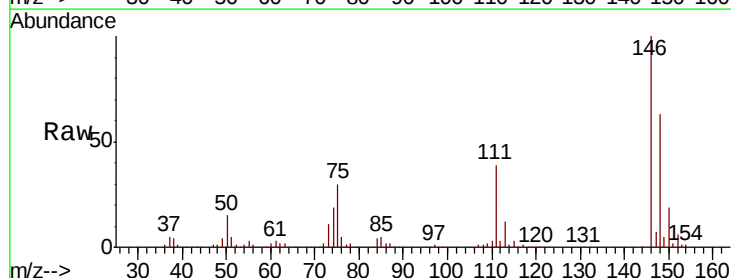
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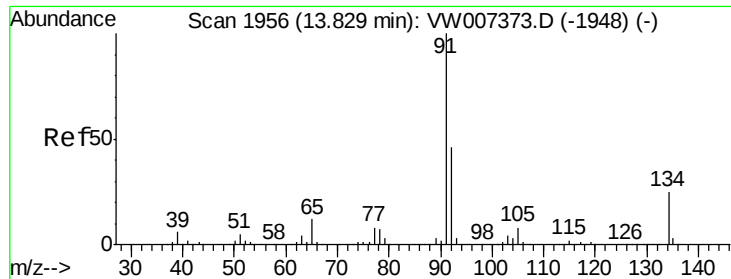
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#88
 1,4-Dichlorobenzene
 Concen: 49.779 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	64.3	33.5	100.5





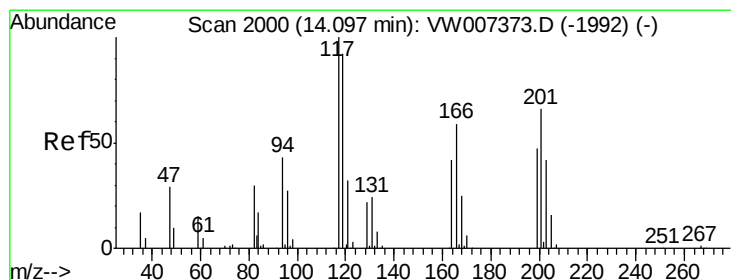
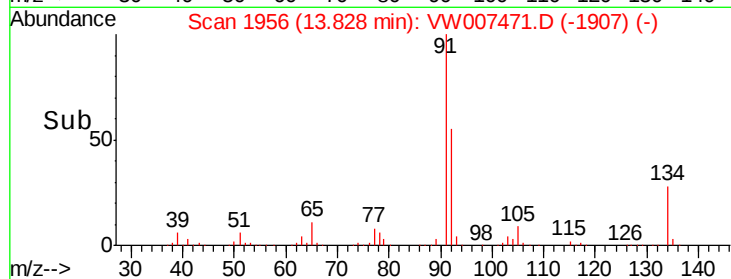
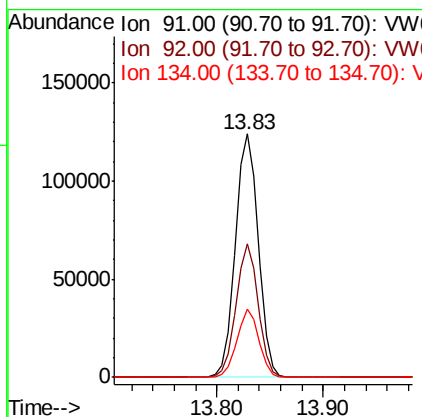
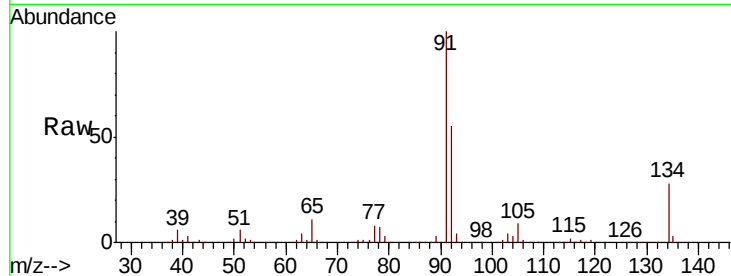
#89
n-Butylbenzene
Concen: 48.507 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.7	77.1
134	27.0	13.4	40.2

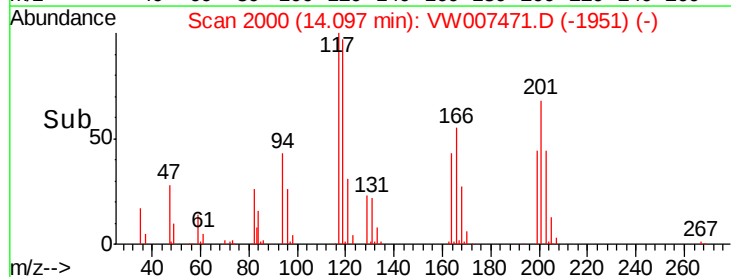
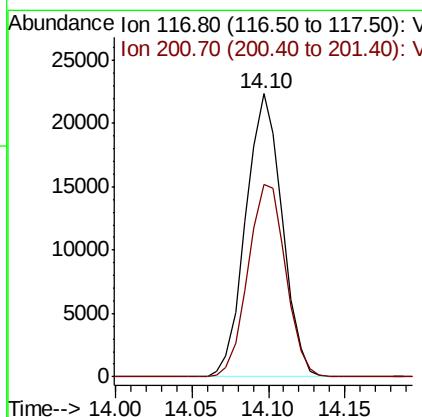
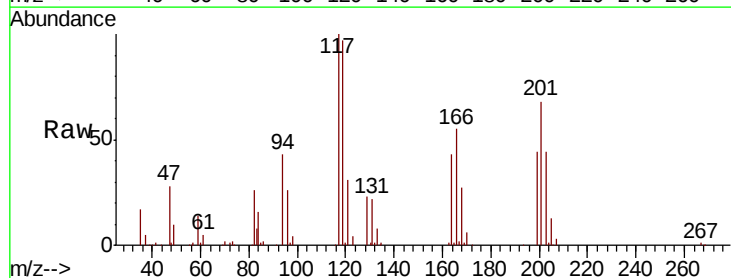
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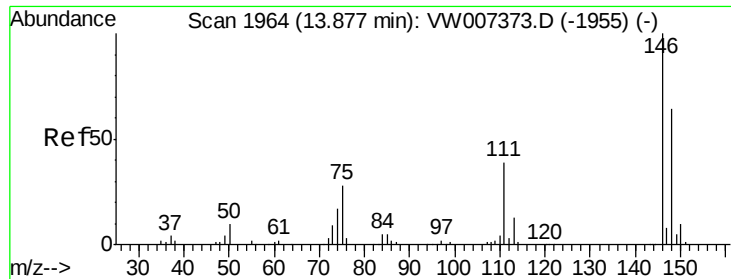
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#90
Hexachloroethane
Concen: 49.845 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.4	35.3	105.9





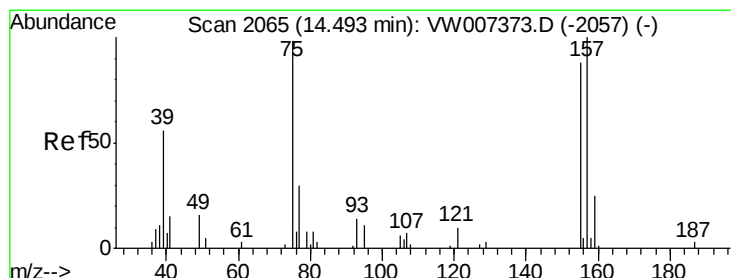
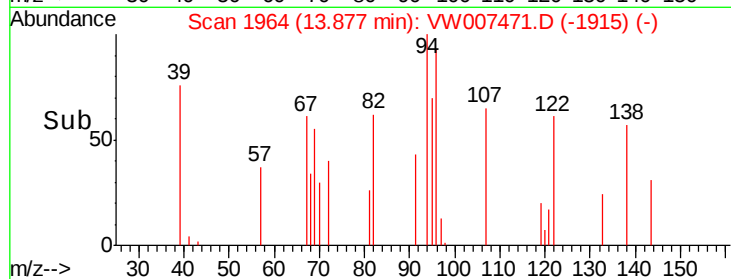
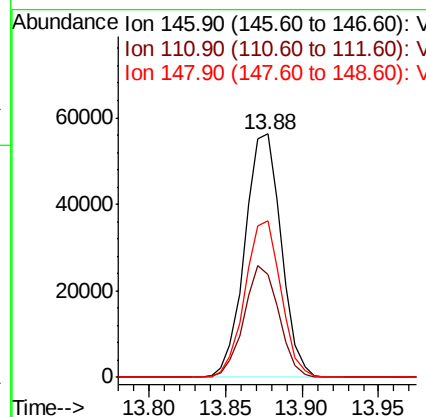
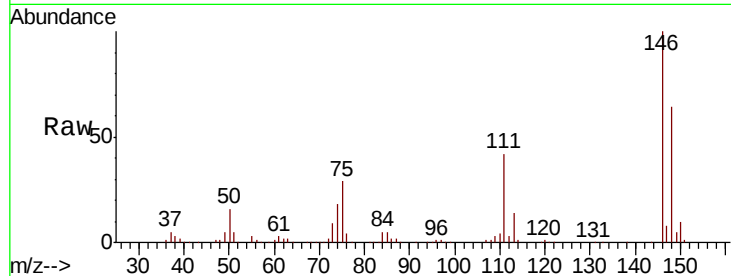
#91
 1,2-Dichlorobenzene
 Concen: 51.088 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.2
148	63.5	32.4	97.2

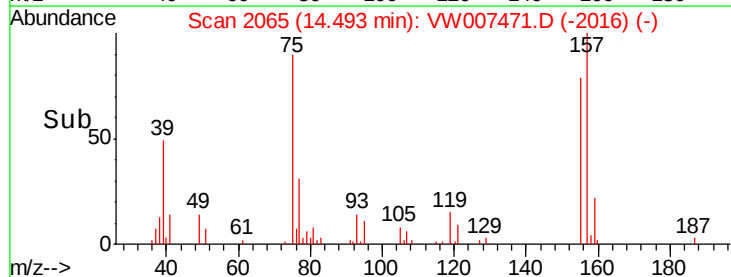
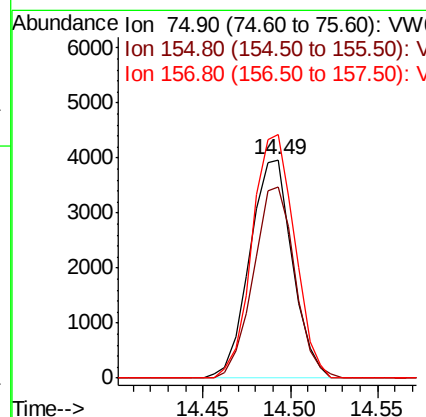
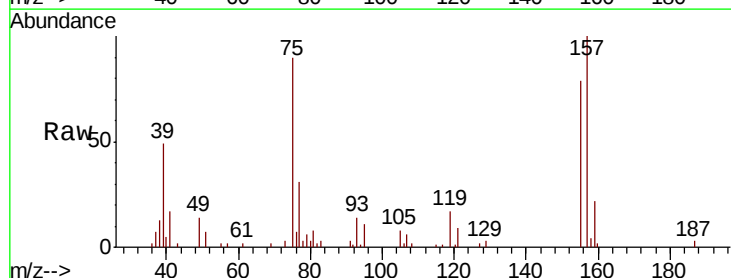
Manual Integrations
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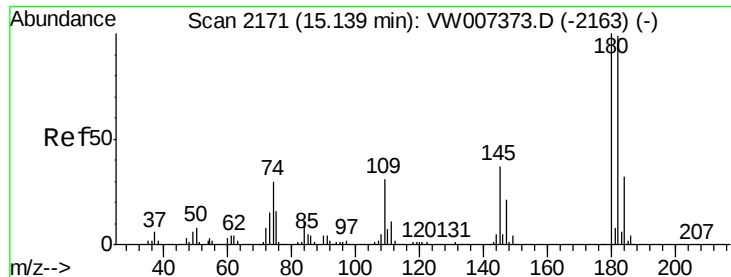
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.717 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007471.D
 Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	40.8	122.2
157	110.4	51.1	153.4





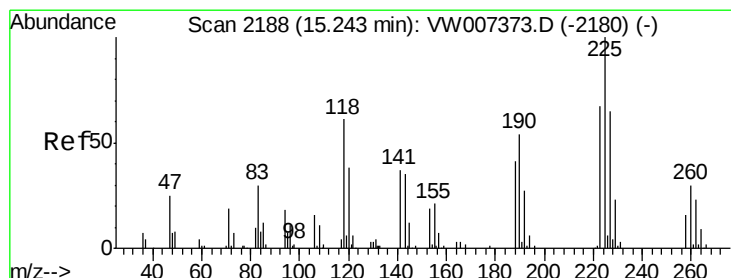
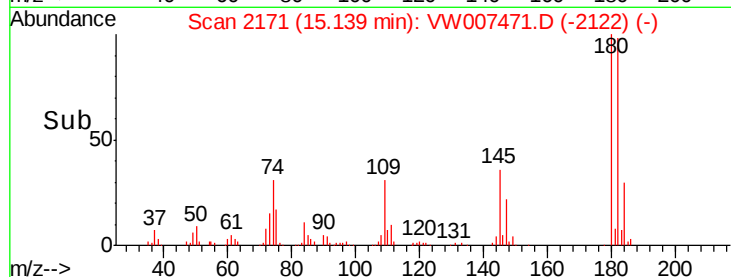
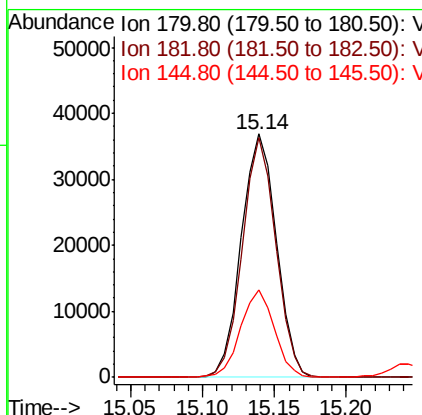
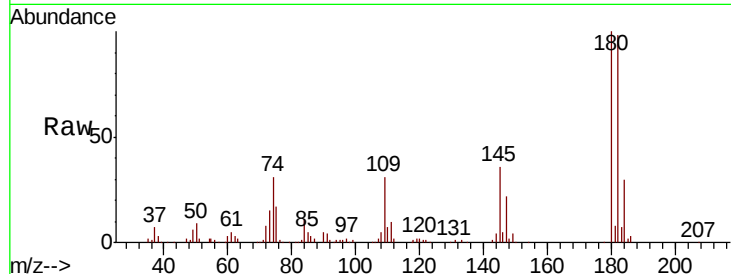
#93
1,2,4-Trichlorobenzene
Concen: 49.613 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	49.9	149.6
145	35.1	17.8	53.4

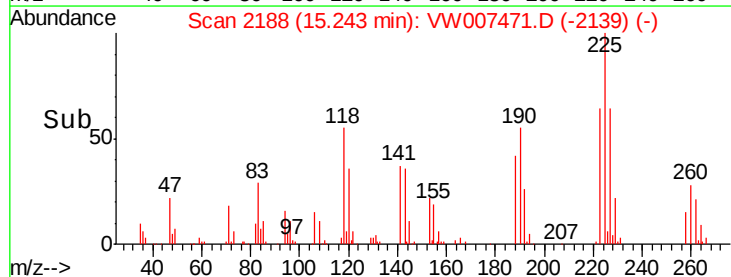
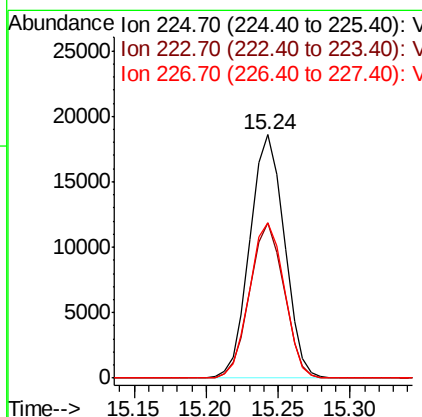
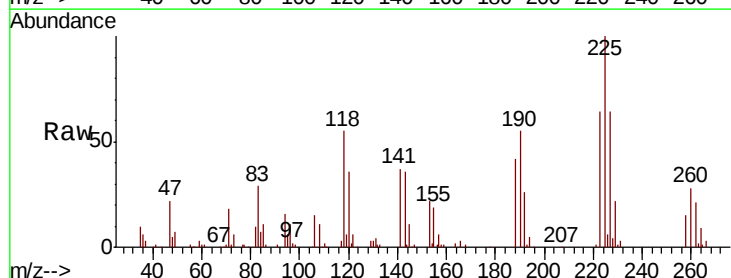
Manual Integrations
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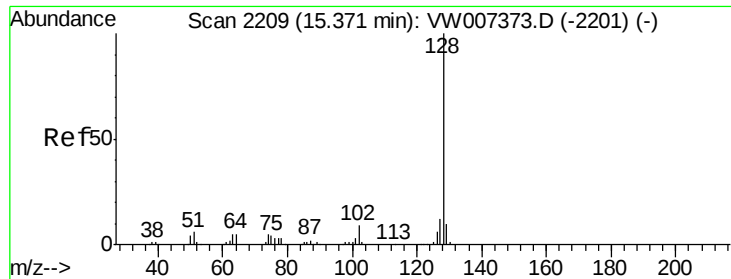
apatel
12/13/2018 4:39:52 PM



#94
Hexachlorobutadiene
Concen: 46.559 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.3
227	64.2	31.9	95.9





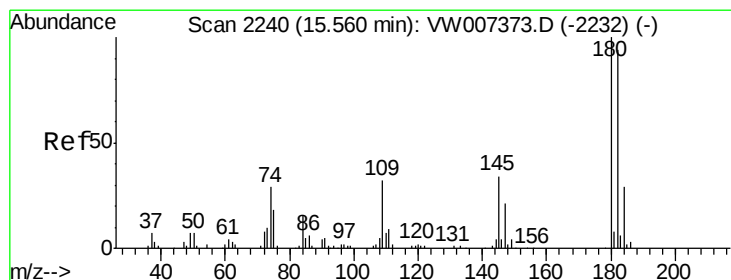
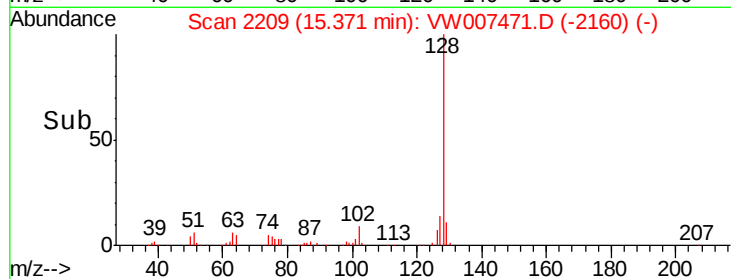
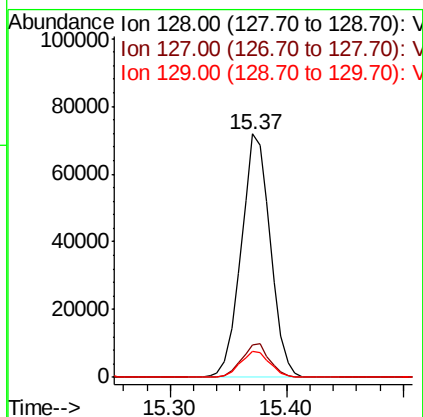
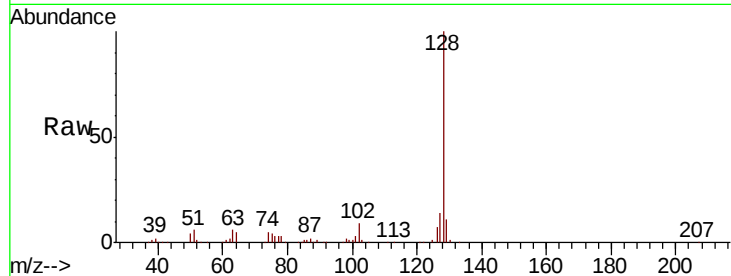
#95
Naphthalene
Concen: 52.377 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.9	8.3	12.5

Manual Integrations
APPROVED

apatel
12/13/2018 4:39:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.763 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007471.D
Acq: 13 Dec 2018 06:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	45.6	136.7
145	36.3	17.5	52.5

