

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008276.D
 Acq On : 15 Jan 2019 10:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/15/2019 2:09:06 PM

Quant Time: Jan 15 11:57:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	45408	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	42077	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.32	98	187384	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	66115	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28510	46.152	ug/l	94
3) Chloromethane	2.21	50	41386	51.640	ug/l	94
4) Vinyl Chloride	2.37	62	62545	59.796	ug/l	96
5) Bromomethane	2.79	94	43186	55.116	ug/l	99
6) Chloroethane	2.93	64	37859	48.100	ug/l	97
7) Trichlorofluoromethane	3.26	101	47553	55.921	ug/l	96
8) Diethyl Ether	3.68	74	25821	53.713	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39298	46.547	ug/l	97
10) Methyl Iodide	4.26	142	54863	44.587	ug/l	97
11) Tert butyl alcohol	5.23	59	13465	259.362	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	39550	47.714	ug/l	100
13) Acrolein	3.90	56	11535	203.390	ug/l	93
14) Allyl chloride	4.67	41	72288	48.033	ug/l	97
15) Acrylonitrile	5.37	53	51150	279.477	ug/l	98
16) Acetone	4.14	43	56150	378.034	ug/l #	85
17) Carbon Disulfide	4.38	76	122869	47.451	ug/l	97
18) Methyl Acetate	4.68	43	32446	60.346	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	69859	51.841	ug/l	93
20) Methylene Chloride	4.91	84	43710	52.419	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44863	49.805	ug/l	93
22) Diisopropyl ether	6.31	45	149746	52.173	ug/l	98
23) Vinyl Acetate	6.26	43	412200	273.446	ug/l	99
24) 1,1-Dichloroethane	6.21	63	85389	51.059	ug/l	99
25) 2-Butanone	7.17	43	73632	311.088	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57917	51.112	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	49950	50.825	ug/l	99
28) Bromochloromethane	7.51	49	34349	51.928	ug/l	99
29) Tetrahydrofuran	7.54	42	44959	284.358	ug/l	100
30) Chloroform	7.67	83	86681	54.454	ug/l	92
31) Cyclohexane	7.95	56	84420	47.155	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	73745	53.243	ug/l	100
36) 1,1-Dichloropropene	8.08	75	71404	51.758	ug/l	99
37) Ethyl Acetate	7.26	43	30465	55.120	ug/l	98
38) Carbon Tetrachloride	8.07	117	65705	52.035	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86708	49.568	ug/l	91
40) Benzene	8.32	78	198786	53.125	ug/l	98
41) Methacrylonitrile	7.48	41	16955	48.562	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54962	52.225	ug/l	97
43) Isopropyl Acetate	8.43	43	59594	53.928	ug/l	100
44) Trichloroethene	9.09	130	50043	52.245	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50440	54.365	ug/l	93
46) Dibromomethane	9.46	93	26115	57.313	ug/l	96
47) Bromodichloromethane	9.65	83	63776	55.122	ug/l	97
48) Methyl methacrylate	9.44	41	28696	55.033	ug/l	92
49) 1,4-Dioxane	9.47	88	7898	1077.823	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	158094	295.551	ug/l	98
52) Toluene	10.39	92	131758	55.136	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	68684	57.071	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77062	53.999	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37337	58.363	ug/l	97
56) Ethyl methacrylate	10.65	69	47813	60.350	ug/l	97
57) 1,3-Dichloropropane	10.93	76	65894	56.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99727	243.688	ug/l	99
59) 2-Hexanone	10.97	43	121438	335.712	ug/l	98
60) Dibromochloromethane	11.13	129	42271	60.172	ug/l	97
61) 1,2-Dibromoethane	11.24	107	36063	59.410	ug/l	97
64) Tetrachloroethene	10.87	164	40225	47.136	ug/l	98
65) Chlorobenzene	11.66	112	138829	49.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47842	52.947	ug/l	99
67) Ethyl Benzene	11.73	91	258365	50.828	ug/l	100
68) m/p-Xylenes	11.84	106	198075	102.092	ug/l	100
69) o-Xylene	12.17	106	91991	51.201	ug/l	100
70) Styrene	12.18	104	153187	54.434	ug/l	99
71) Bromoform	12.35	173	23995	59.336	ug/l #	100
73) Isopropylbenzene	12.47	105	252452	50.262	ug/l	99
74) N-amyl acetate	12.27	43	57804	51.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44083	54.833	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26848m	46.035	ug/l	
77) Bromobenzene	12.75	156	54800	51.635	ug/l	96
78) n-propylbenzene	12.81	91	305696	49.673	ug/l	99
79) 2-Chlorotoluene	12.90	91	170664	49.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	208742	50.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14090	56.260	ug/l	97
82) 4-Chlorotoluene	12.99	91	180418	49.892	ug/l	98
83) tert-Butylbenzene	13.21	119	174829	47.878	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	212073	49.818	ug/l	99
85) sec-Butylbenzene	13.39	105	259115	48.442	ug/l	100
86) p-Isopropyltoluene	13.51	119	231873	50.200	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113396	52.672	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	110948	51.366	ug/l	99
89) n-Butylbenzene	13.83	91	221959	49.063	ug/l	99
90) Hexachloroethane	14.10	117	41281	52.912	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	98848	52.244	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7364	56.916	ug/l	97

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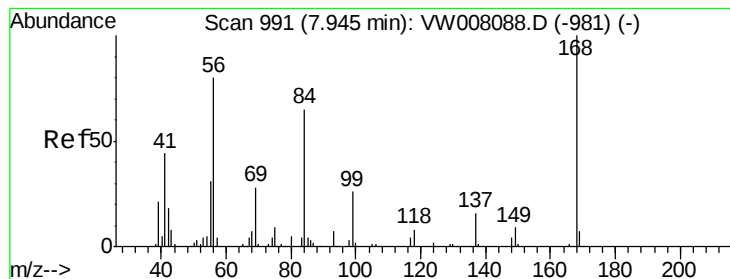
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61706	49.123	ug/l	98
94) Hexachlorobutadiene	15.24	225	33140	49.290	ug/l	99
95) Naphthalene	15.38	128	126512	53.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	54530	50.922	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 75691

Ion Ratio Lower Upper

168 100

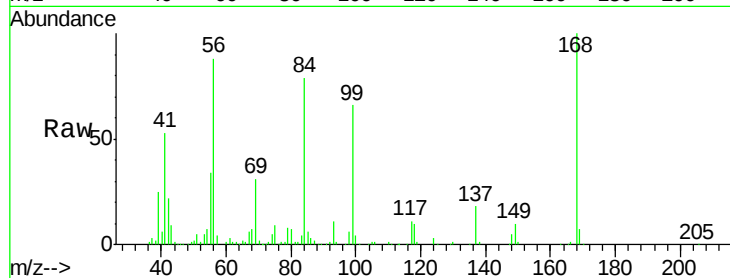
99 65.6 52.6 78.8

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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

30000

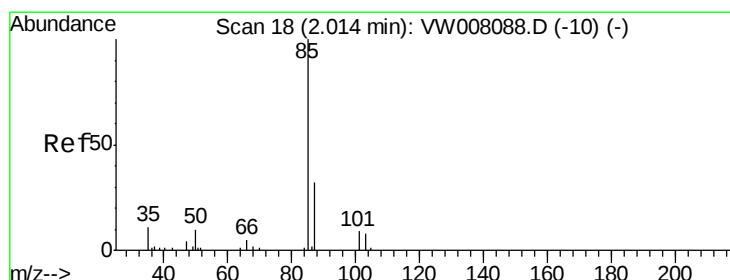
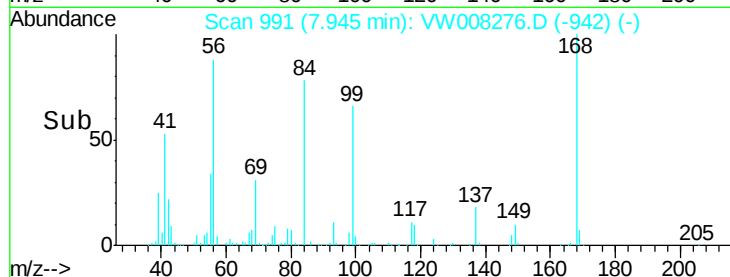
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 46.152 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008276.D

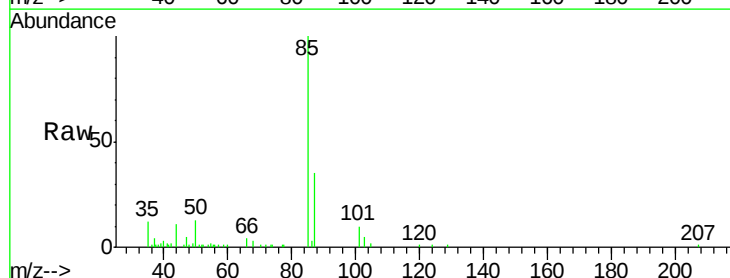
Acq: 15 Jan 2019 10:21

Tgt Ion: 85 Resp: 28510

Ion Ratio Lower Upper

85 100

87 35.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

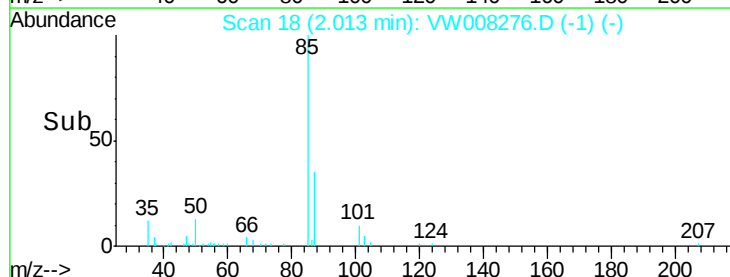
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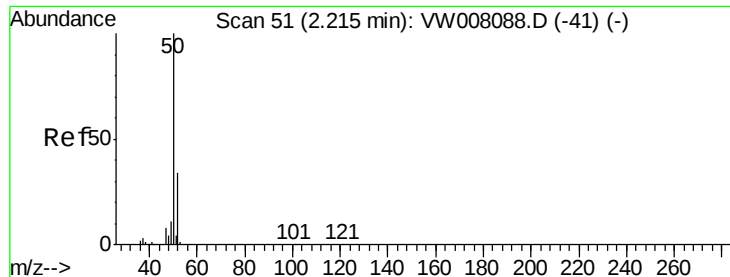
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 51.640 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 41386

Ion Ratio Lower Upper

50 100

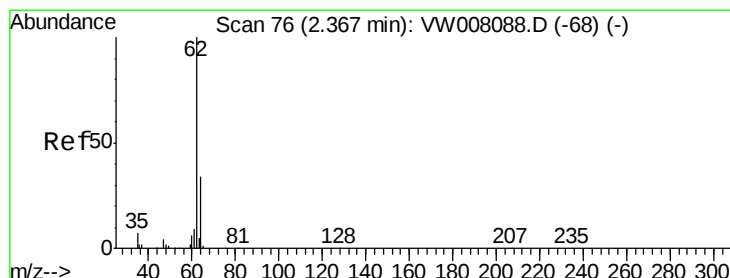
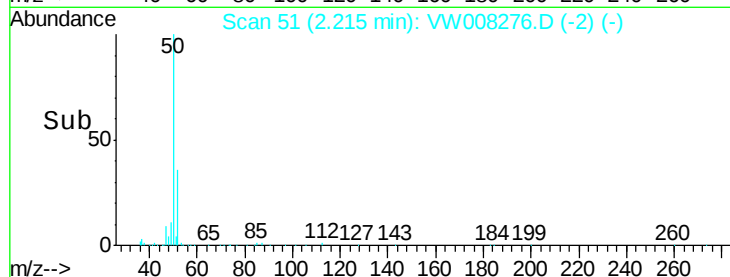
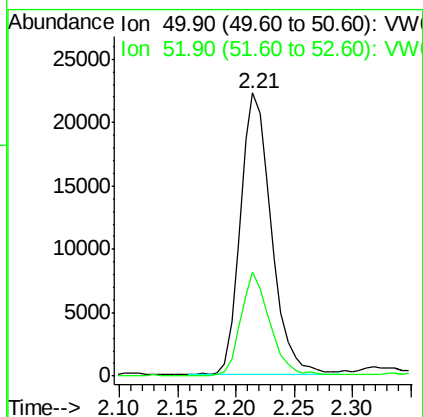
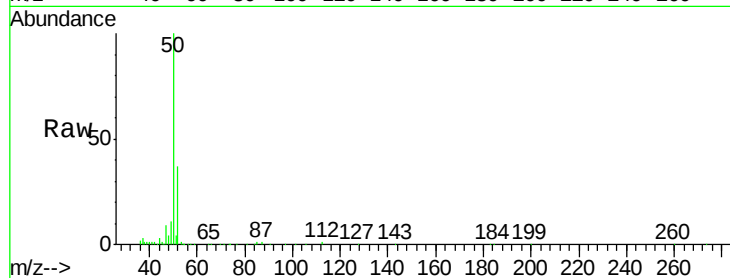
52 36.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.796 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008276.D

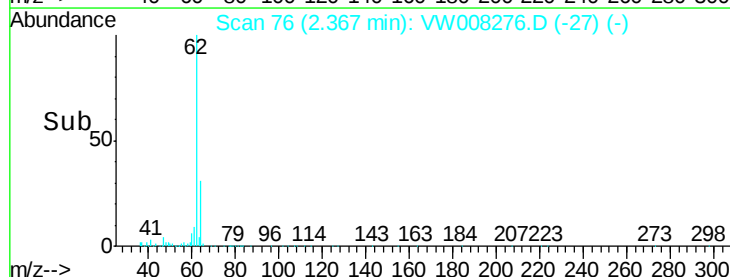
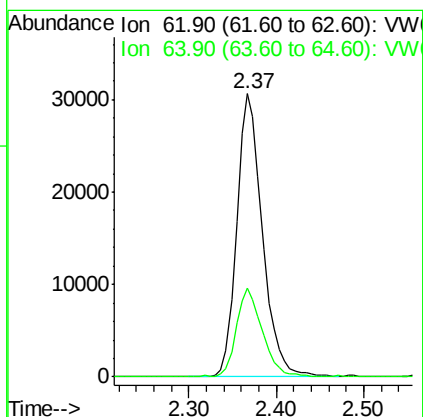
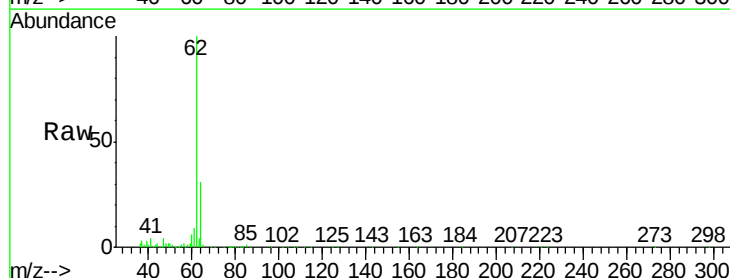
Acq: 15 Jan 2019 10:21

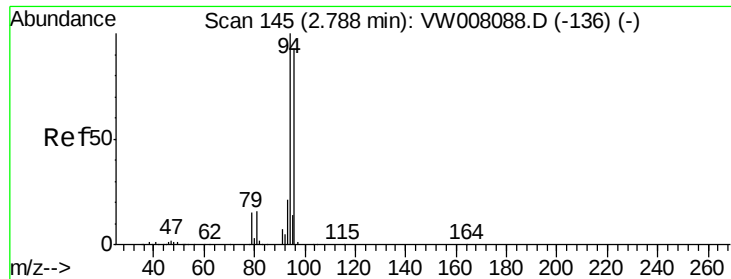
Tgt Ion: 62 Resp: 62545

Ion Ratio Lower Upper

62 100

64 31.3 27.0 40.6





#5

Bromomethane

Concen: 55.116 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 43186

Ion Ratio Lower Upper

94 100

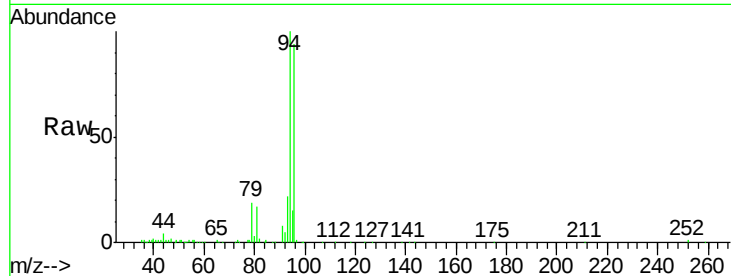
96 93.8 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

20000

15000

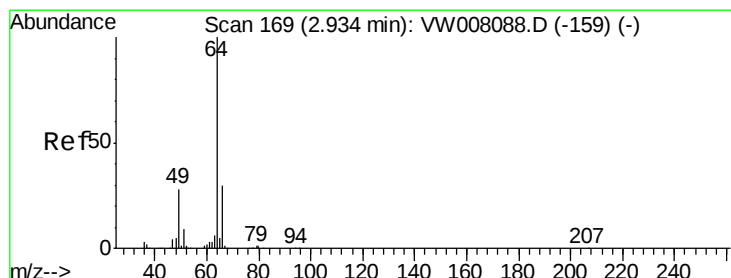
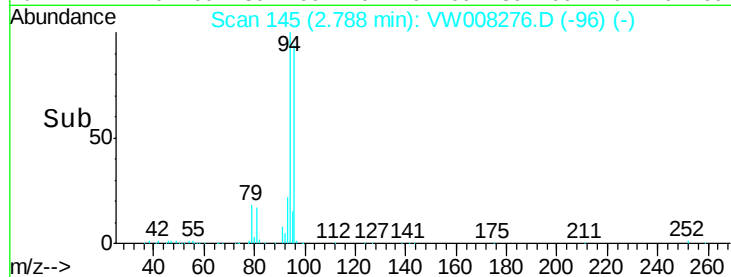
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5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 48.100 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008276.D

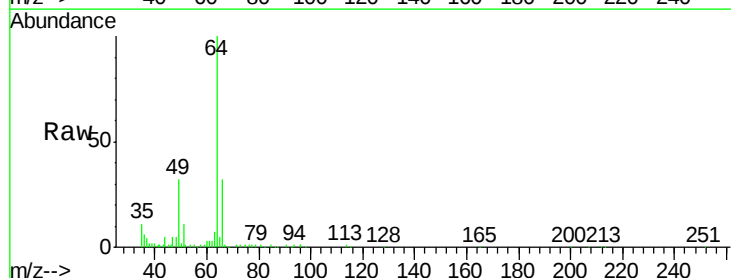
Acq: 15 Jan 2019 10:21

Tgt Ion: 64 Resp: 37859

Ion Ratio Lower Upper

64 100

66 31.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

15000

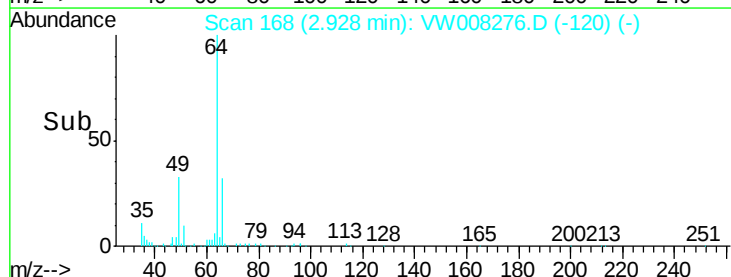
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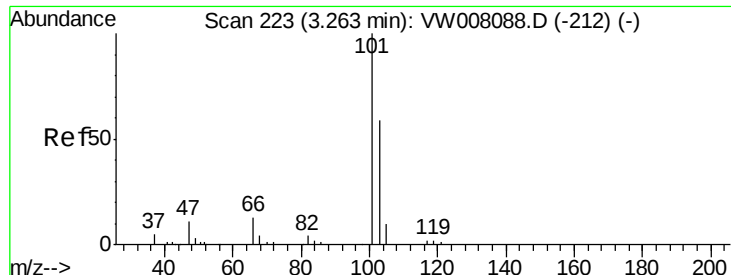
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Time-->

2.80 2.90 3.00





#7

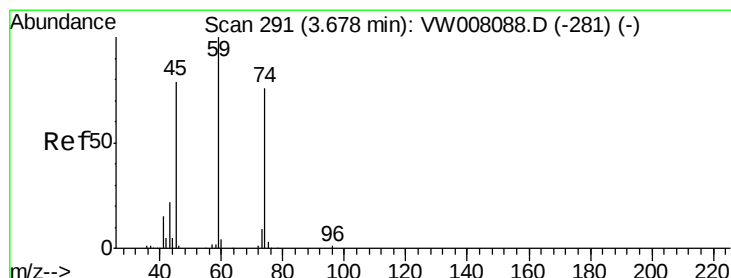
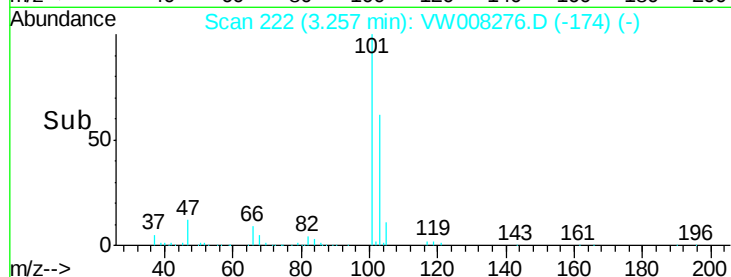
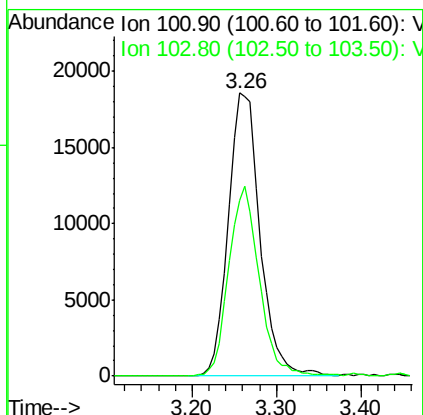
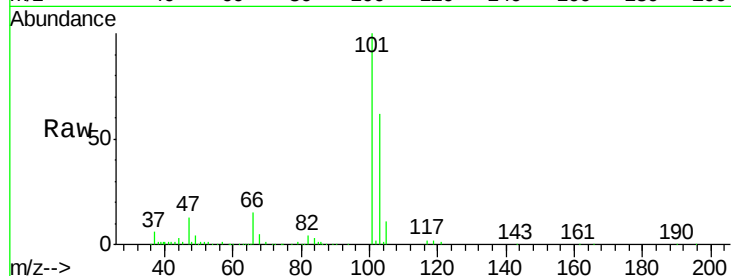
Trichlorofluoromethane
 Concen: 55.921 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	47.0	70.6

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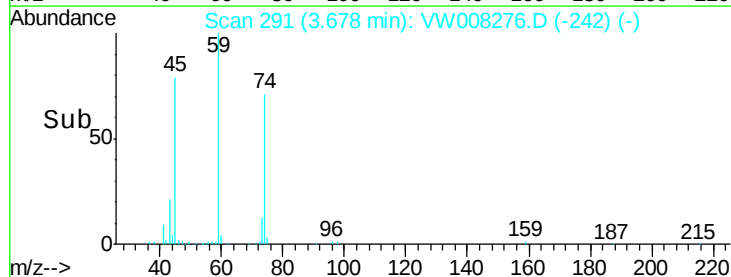
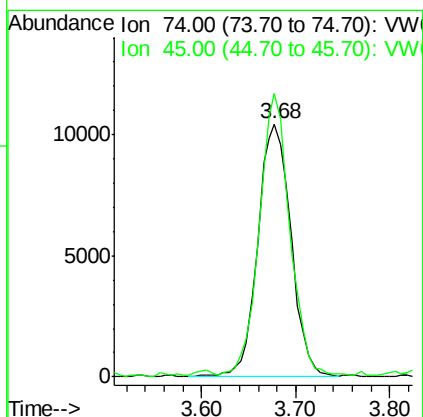
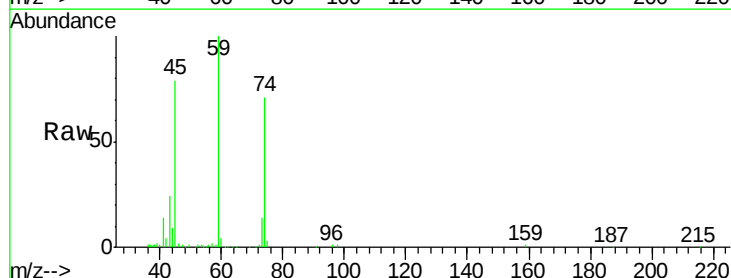
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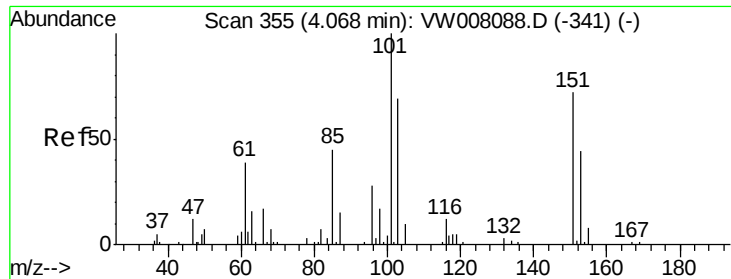


#8

Diethyl Ether
 Concen: 53.713 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.547 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

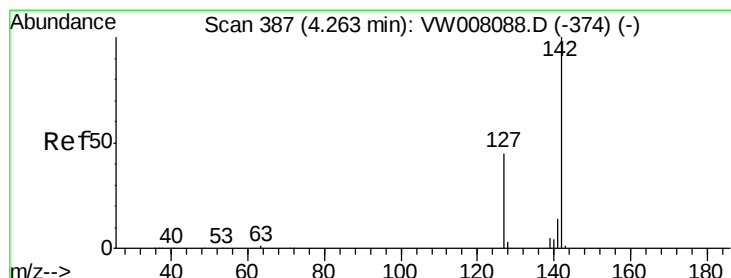
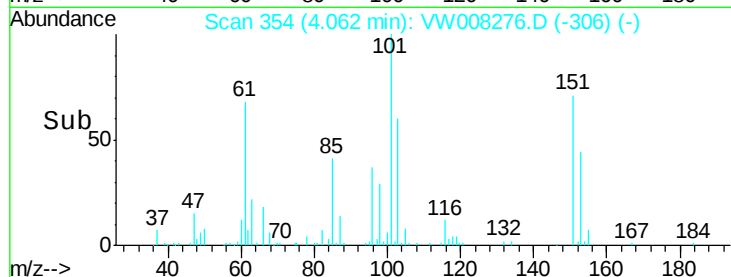
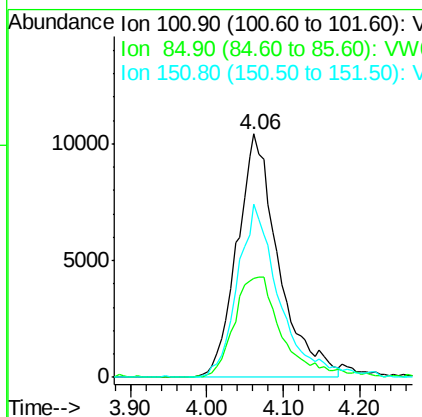
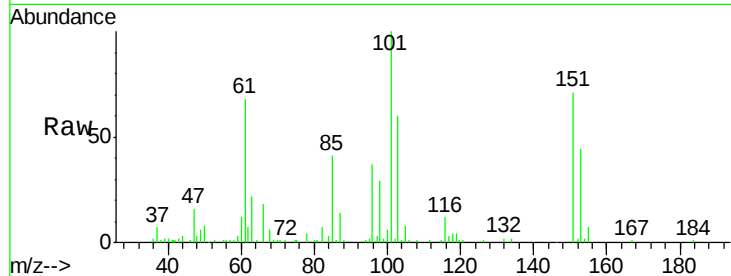
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	39298
Ion Ratio	Lower	Upper	
101	100		
85	47.9	35.9	53.9
151	71.7	55.8	83.8

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#10

Methyl Iodide

Concen: 44.587 ug/l

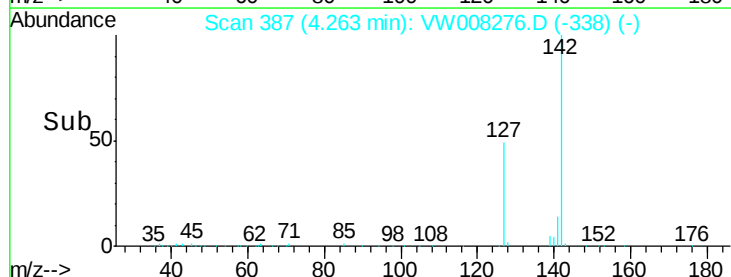
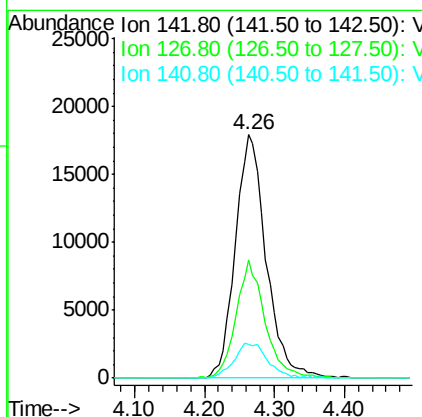
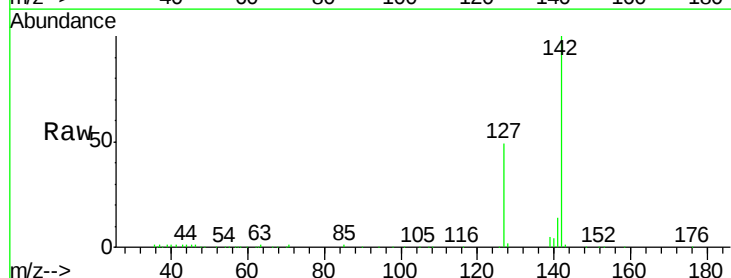
RT: 4.26 min Scan# 387

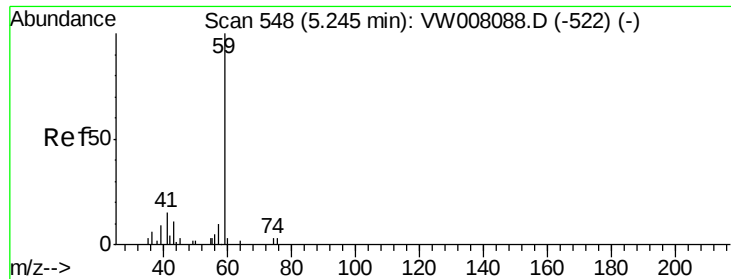
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	142	Resp:	54863
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.0	52.4
141	15.5	11.8	17.6





#11

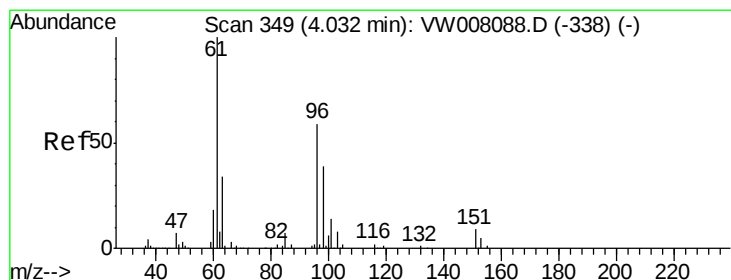
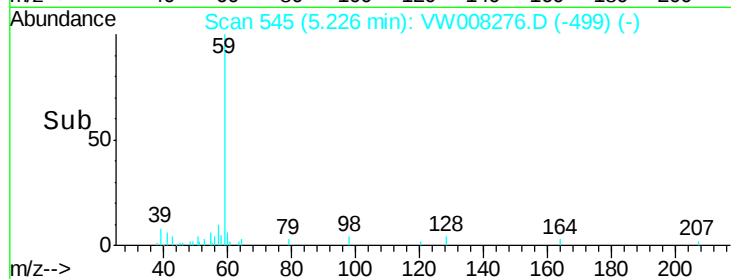
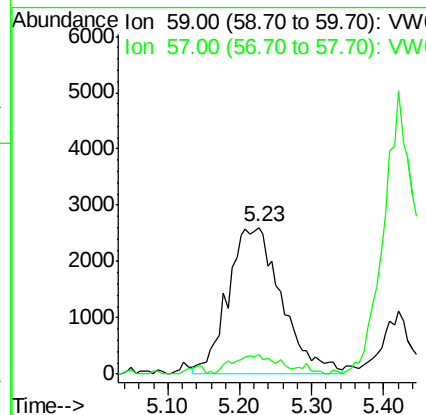
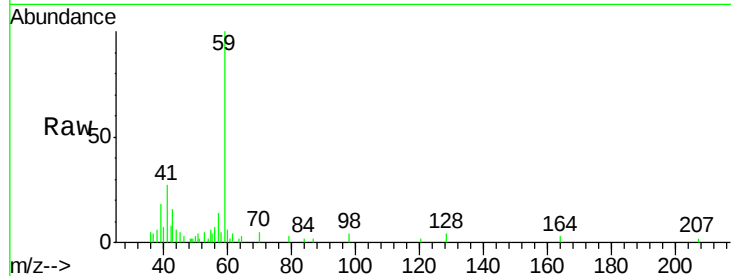
Tert butyl alcohol
Concen: 259.362 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	13465
Ion Ratio	100	Lower	Upper
57	11.0	0.0	0.0#

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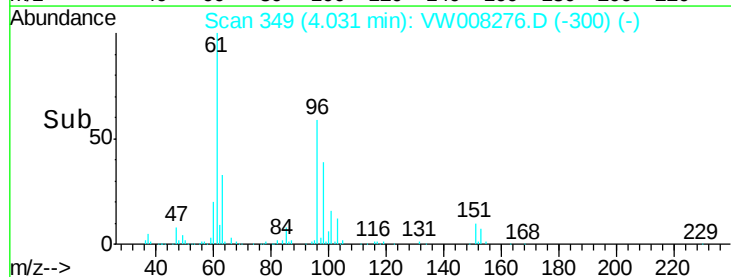
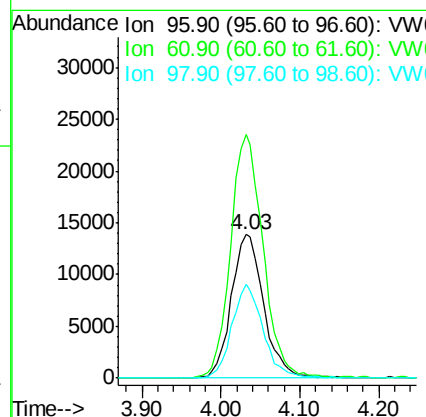
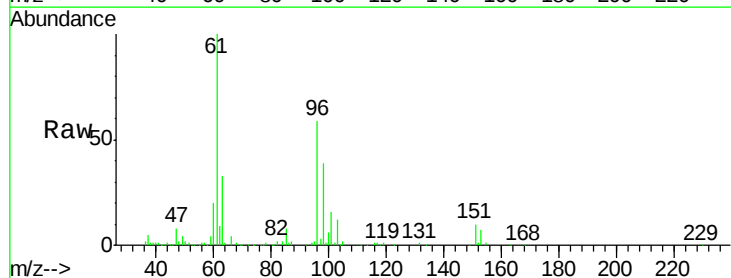
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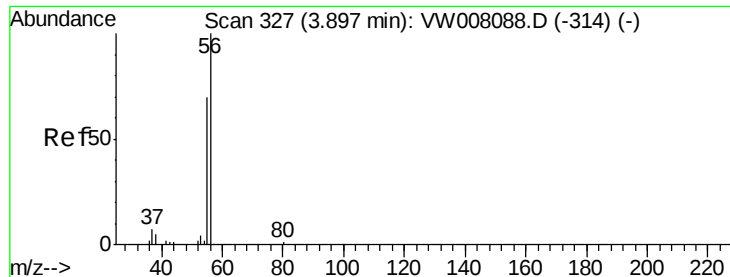


#12

1,1-Dichloroethene
Concen: 47.714 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	96	Resp	39550
Ion Ratio	100	Lower	Upper
61	169.5	135.4	203.2
98	65.5	52.5	78.7





#13

Acrolein

Concen: 203.390 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 11535

Ion Ratio Lower Upper

56 100

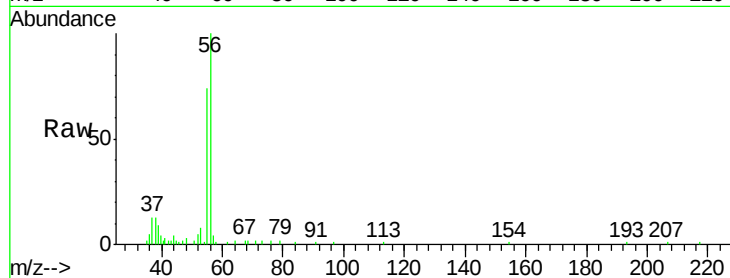
55 76.6 56.6 84.8

Manual Integrations

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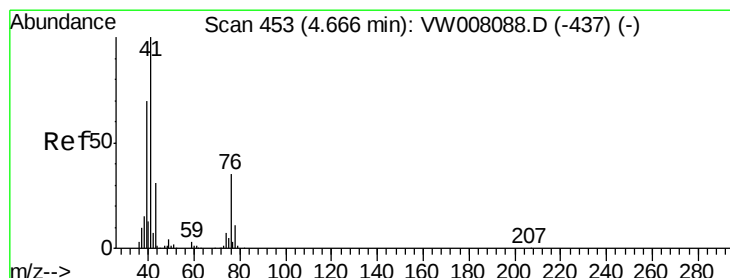
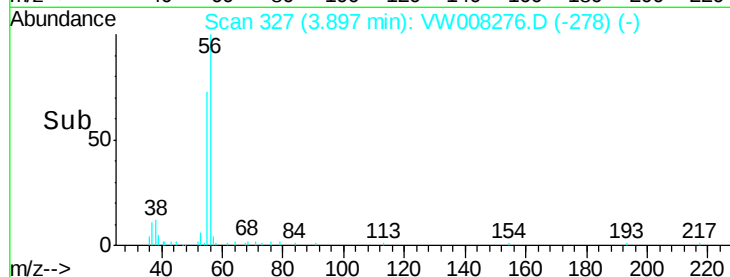
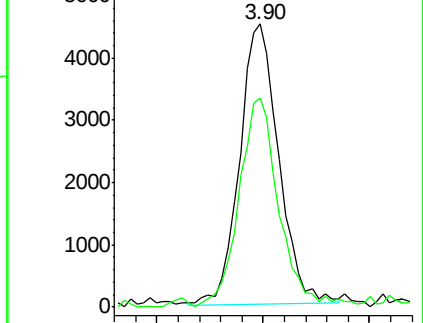
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 48.033 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

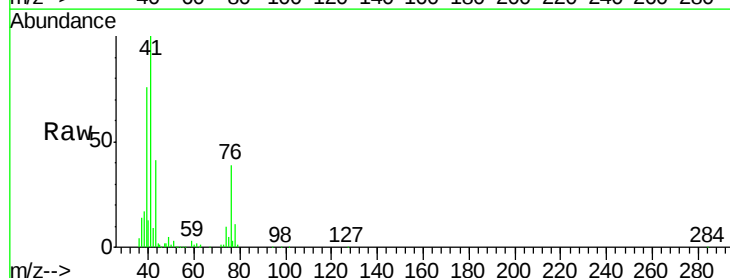
Tgt Ion: 41 Resp: 72288

Ion Ratio Lower Upper

41 100

39 70.8 53.8 80.8

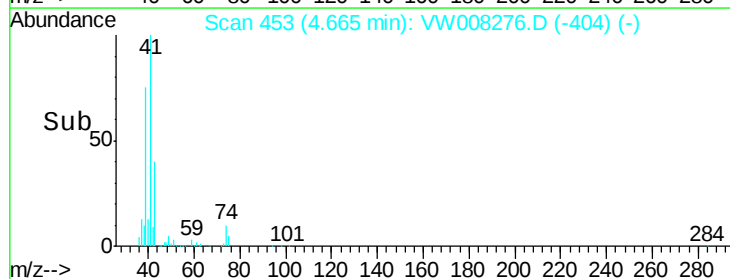
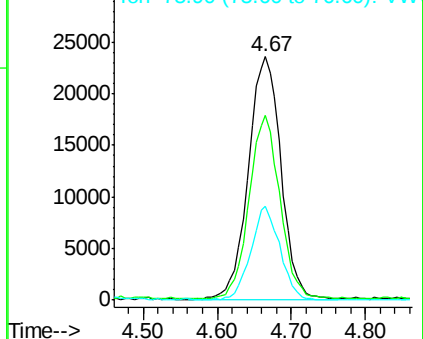
76 34.6 27.6 41.4

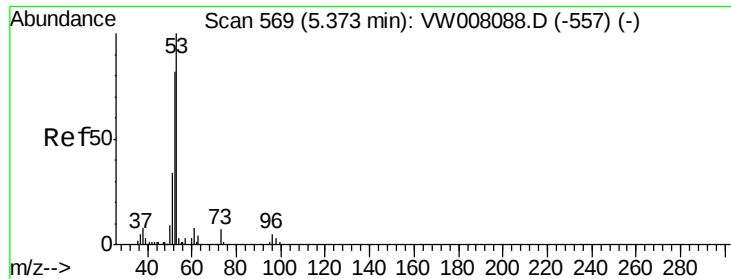


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 279.477 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

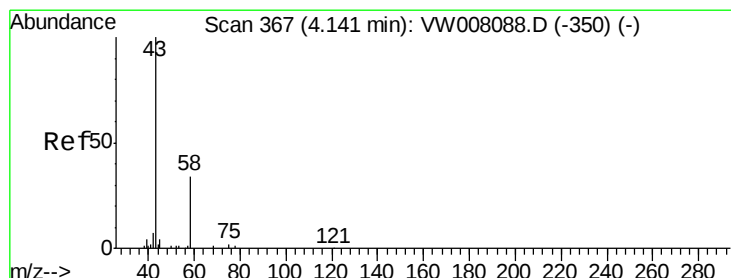
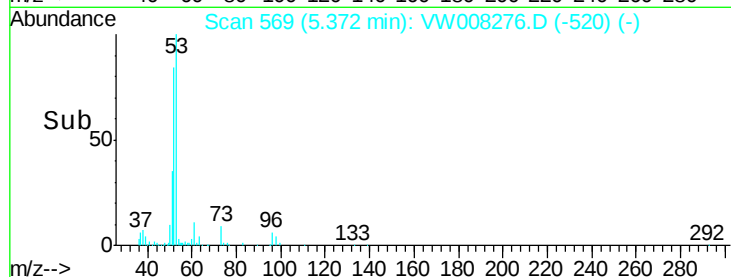
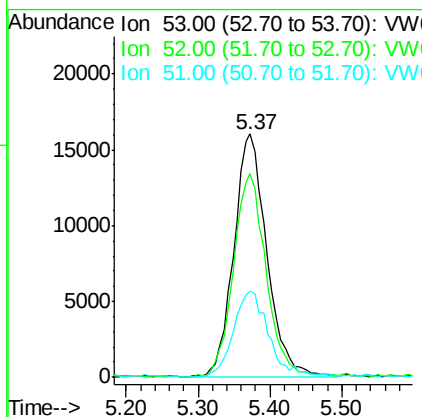
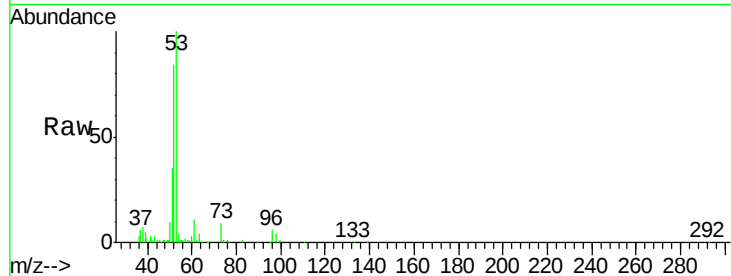
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	51150
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.8	100.2
51	37.4	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 378.034 ug/l

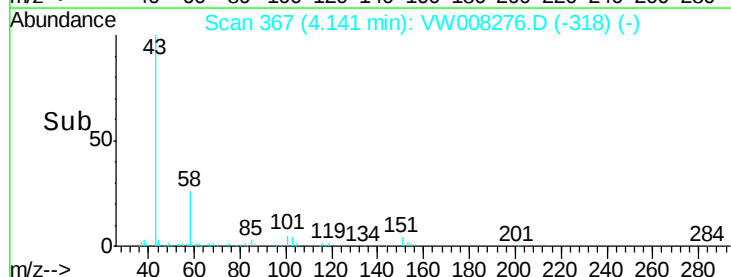
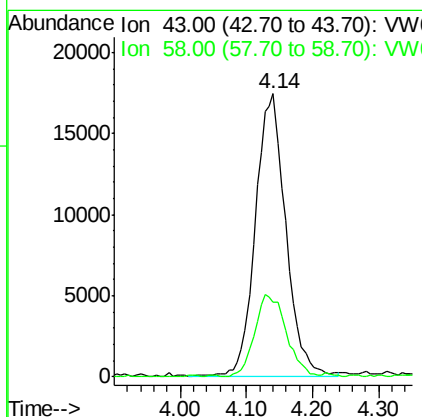
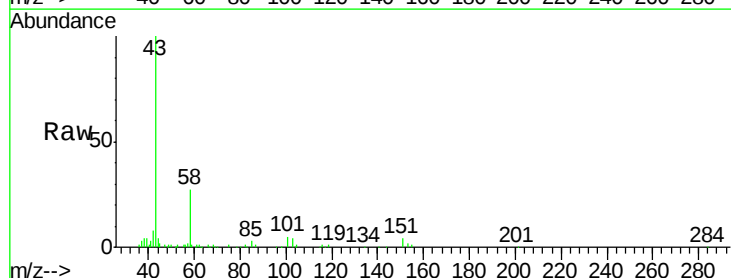
RT: 4.14 min Scan# 367

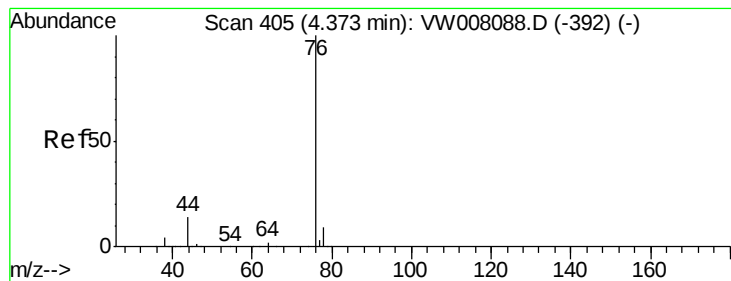
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	43	Resp:	56150
Ion	Ratio	Lower	Upper
43	100		
58	26.0	27.5	41.3#





#17

Carbon Disulfide

Concen: 47.451 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 122869

Ion Ratio Lower Upper

76 100

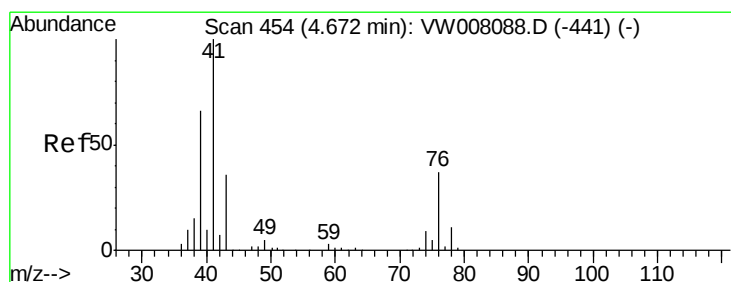
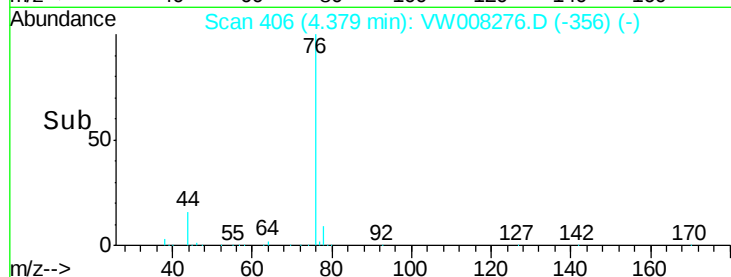
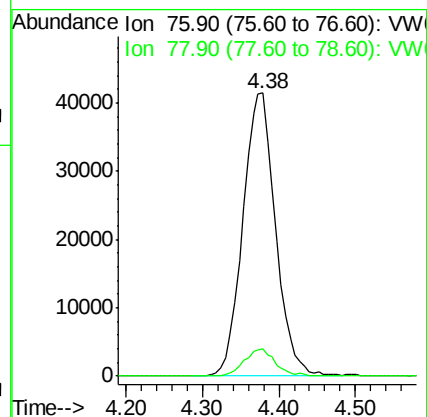
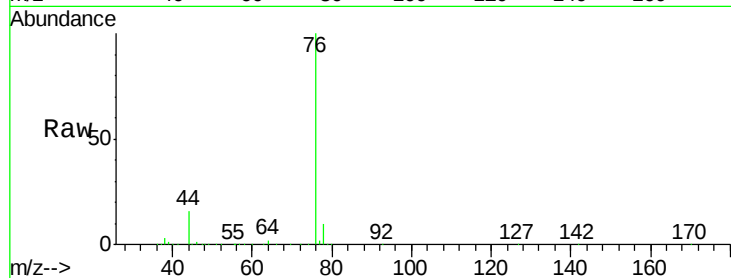
78 9.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 60.346 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008276.D

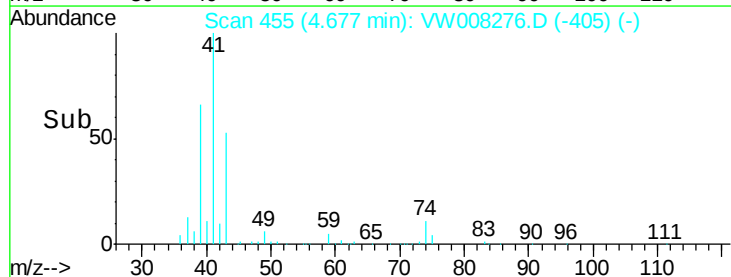
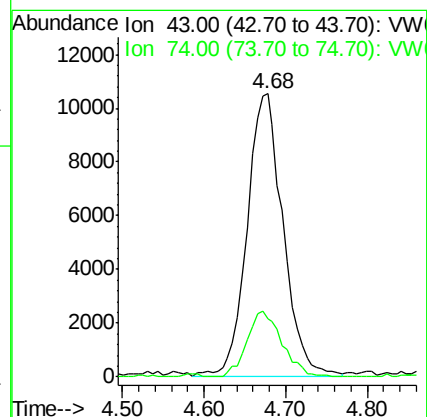
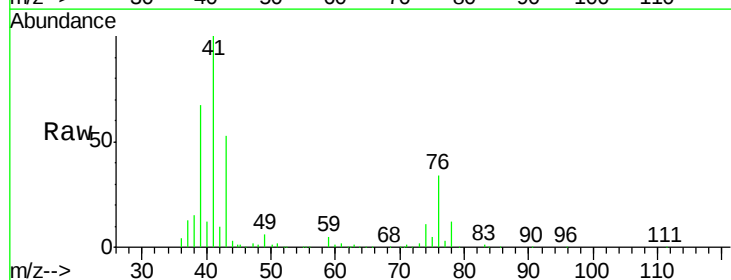
Acq: 15 Jan 2019 10:21

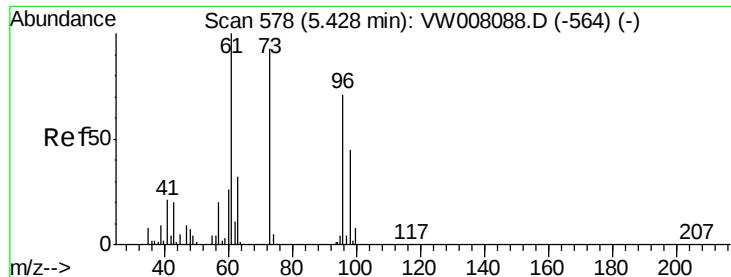
Tgt Ion: 43 Resp: 32446

Ion Ratio Lower Upper

43 100

74 22.5 19.0 28.4





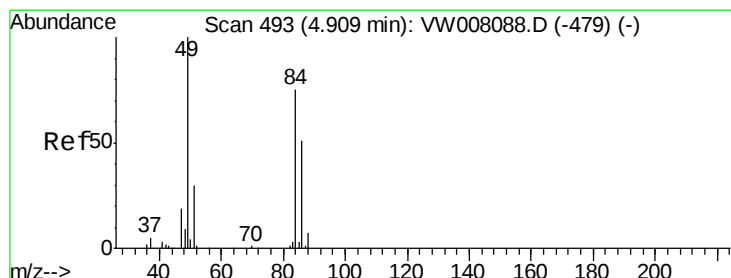
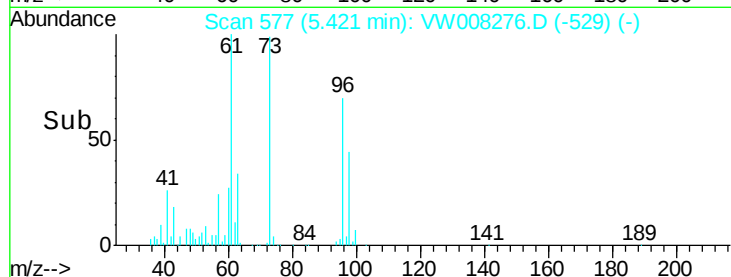
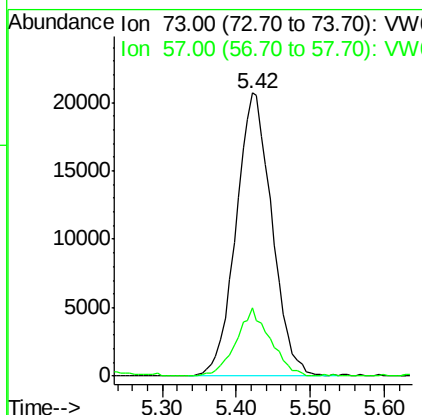
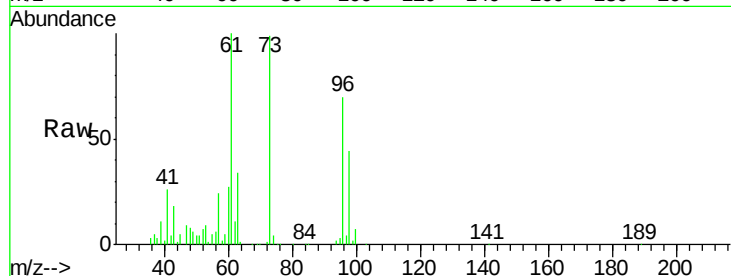
#19
Methvl tert-butvl Ether
Concen: 51.841 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 69859
Ion Ratio Lower Upper
73 100
57 24.3 16.7 25.1

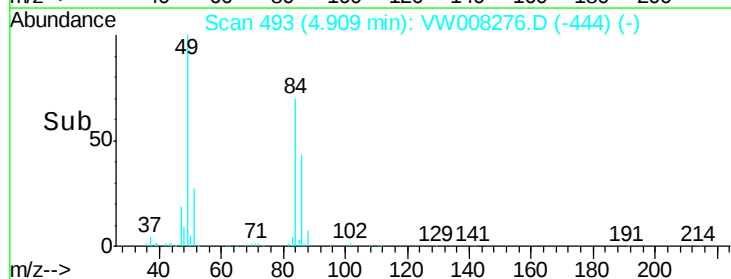
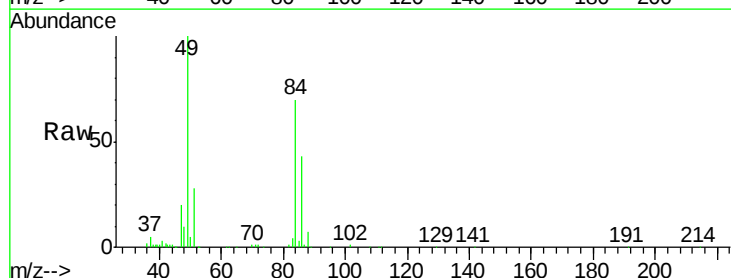
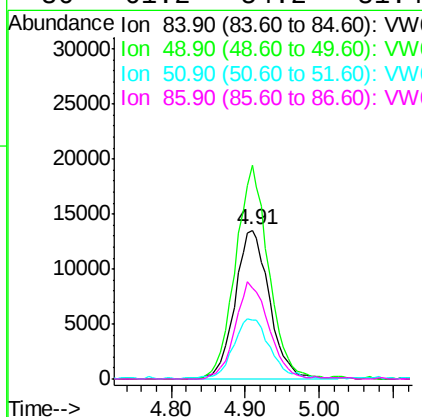
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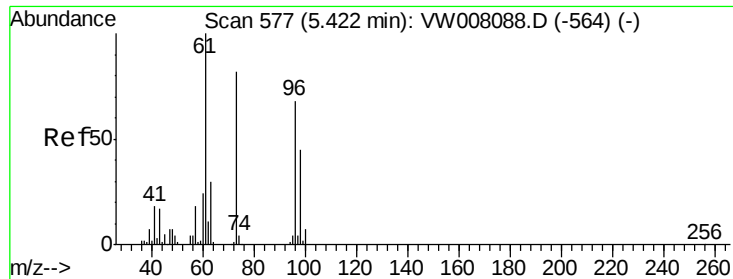
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#20
Methylene Chloride
Concen: 52.419 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion: 84 Resp: 43710
Ion Ratio Lower Upper
84 100
49 143.0 107.1 160.7
51 38.8 32.4 48.6
86 61.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.805 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

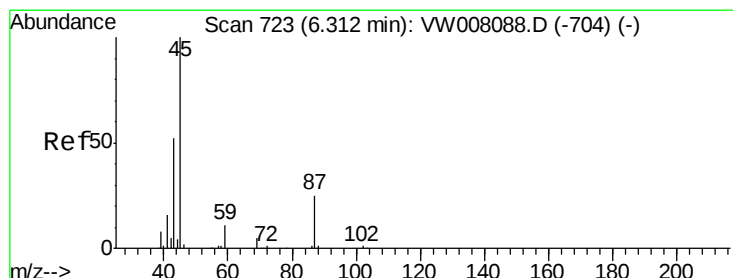
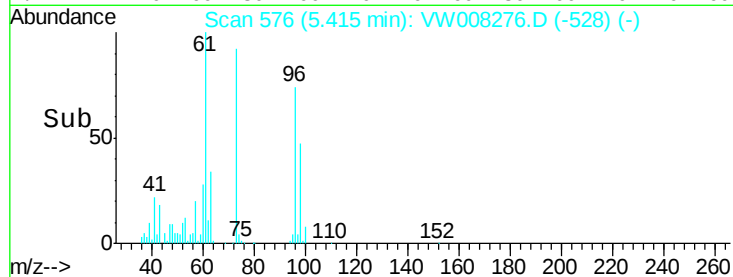
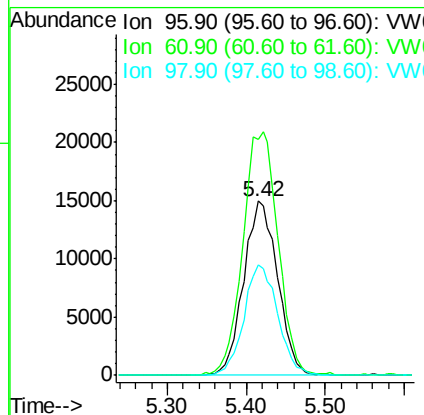
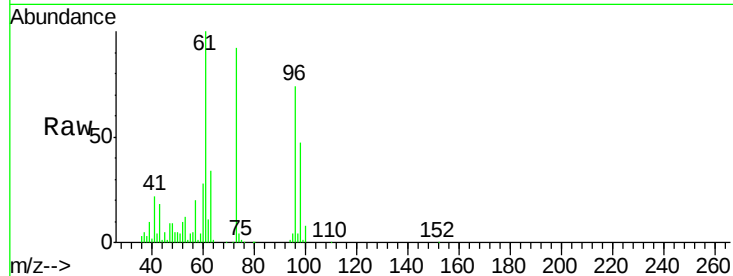
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	44863
Ion	Ratio	Lower	Upper
96	100		
61	135.5	117.4	176.0
98	63.2	52.2	78.4

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#22

Diisopropyl ether

Concen: 52.173 ug/l

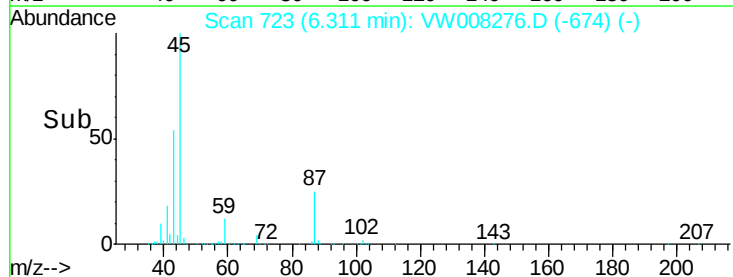
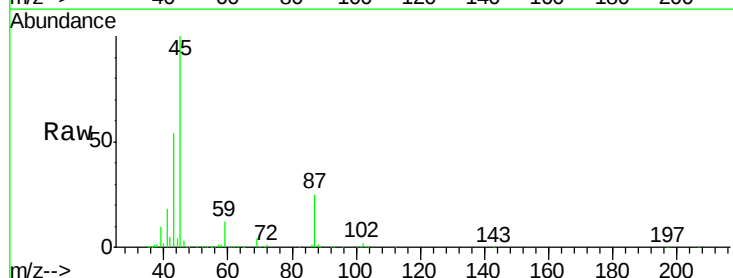
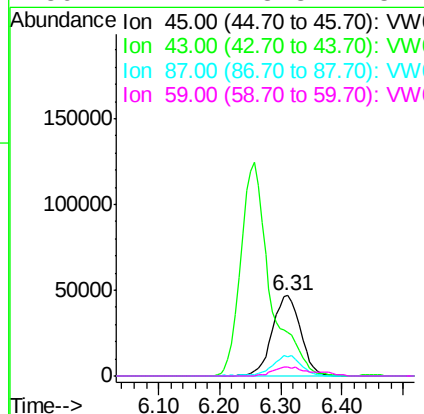
RT: 6.31 min Scan# 723

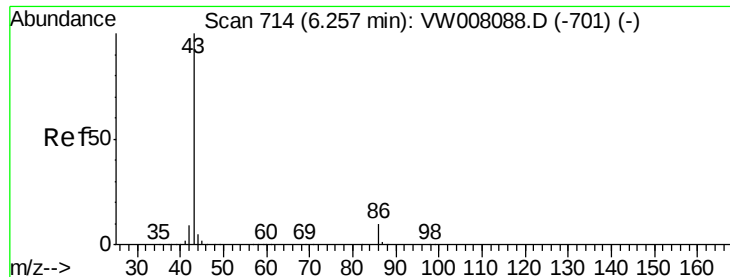
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	45	Resp:	149746
Ion	Ratio	Lower	Upper
45	100		
43	53.9	41.7	62.5
87	24.5	20.1	30.1
59	11.7	8.8	13.2





#23

Vinyl Acetate

Concen: 273.446 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 412200

Ion Ratio Lower Upper

43 100

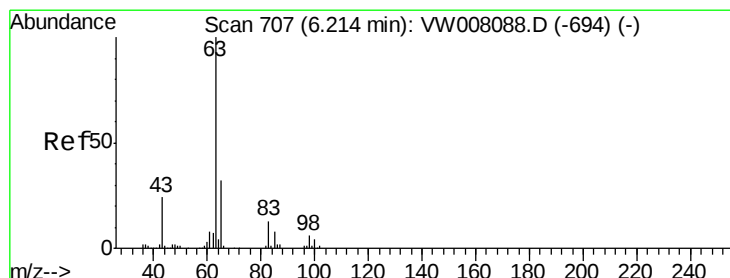
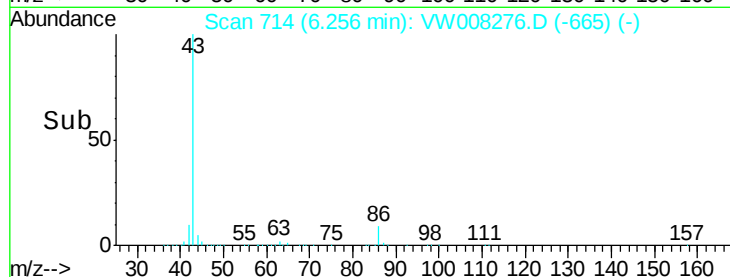
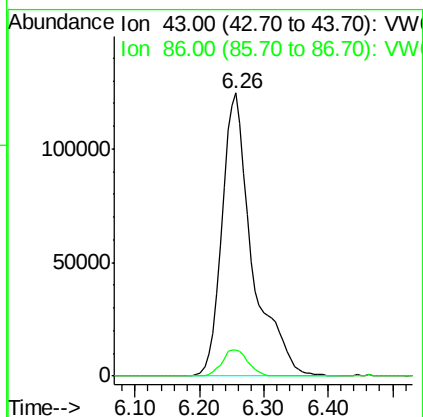
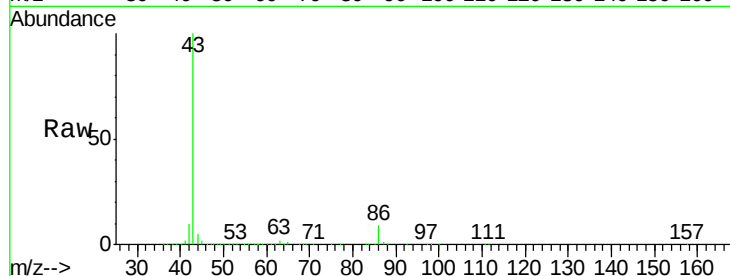
86 9.3 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 51.059 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

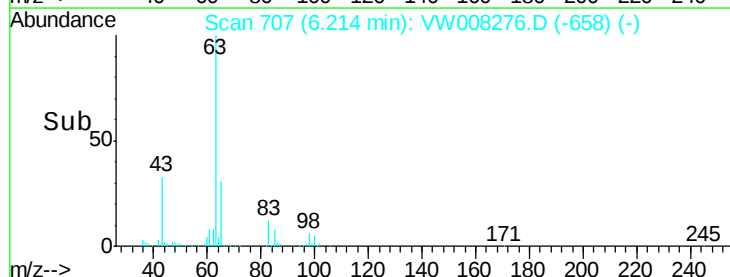
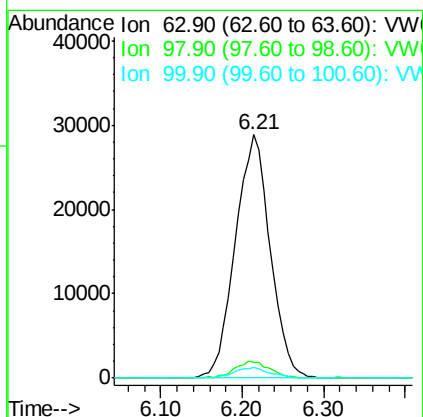
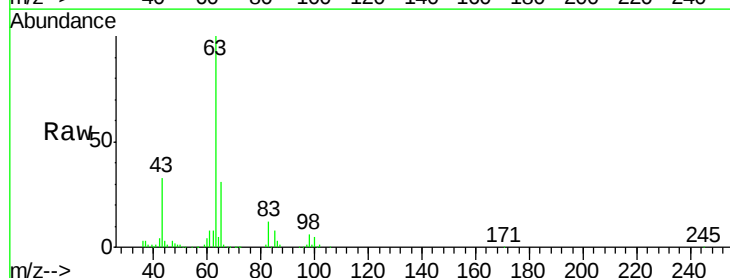
Tgt Ion: 63 Resp: 85389

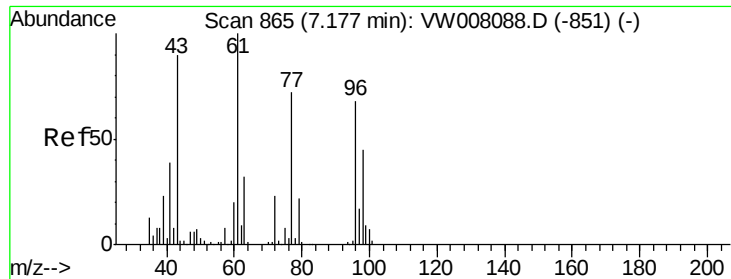
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 311.088 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 73632

Ion Ratio Lower Upper

43 100

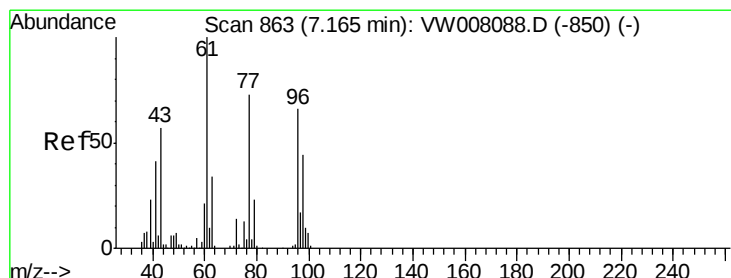
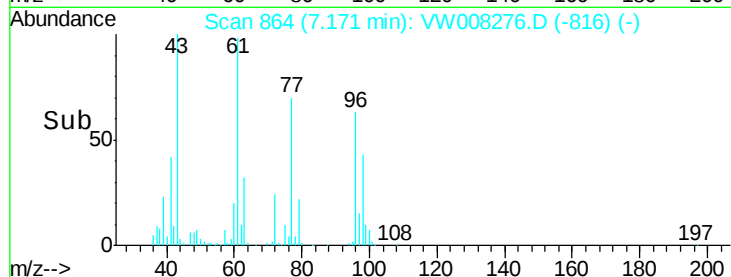
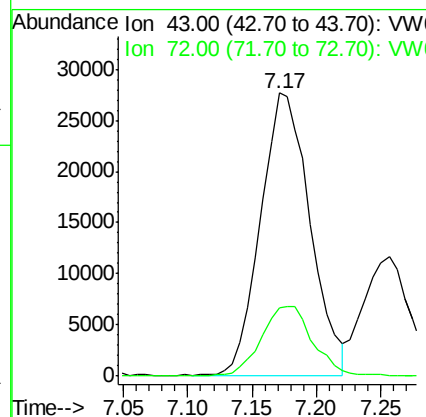
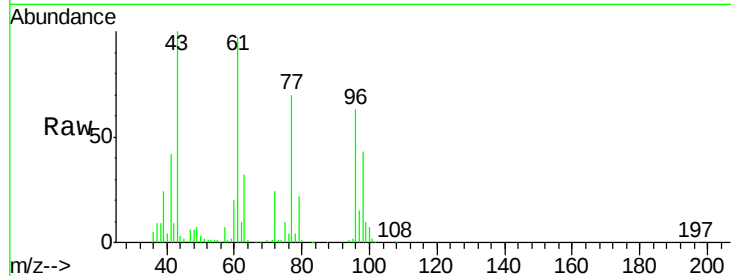
72 24.2 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.112 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008276.D

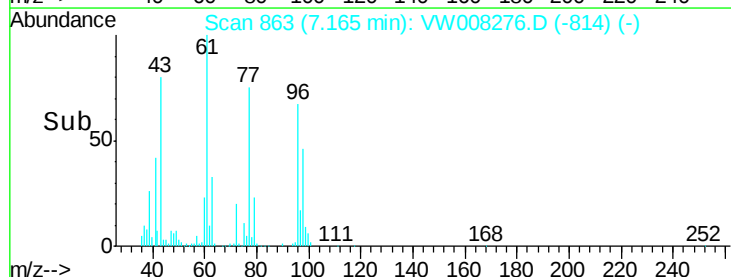
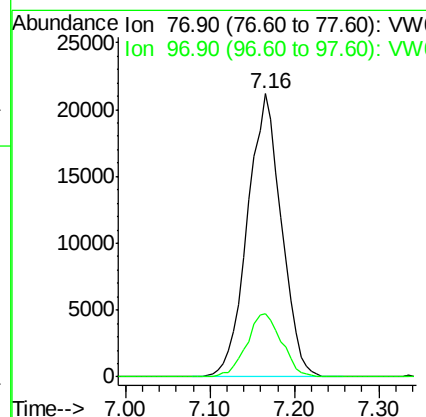
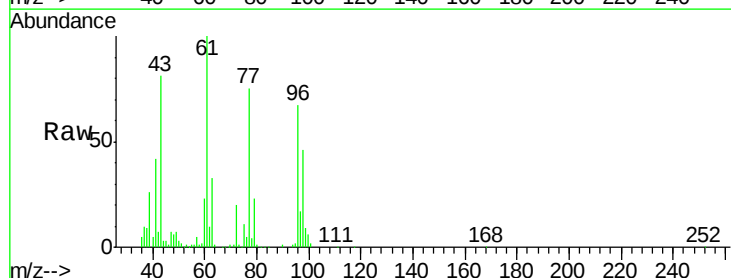
Acq: 15 Jan 2019 10:21

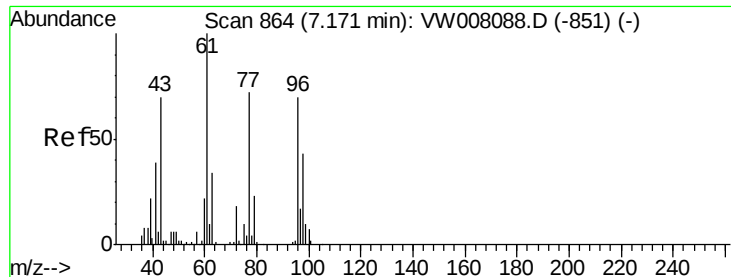
Tgt Ion: 77 Resp: 57917

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

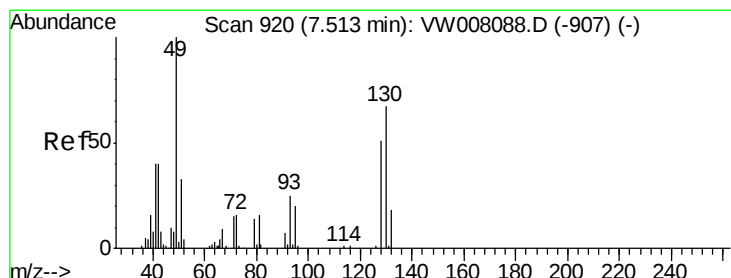
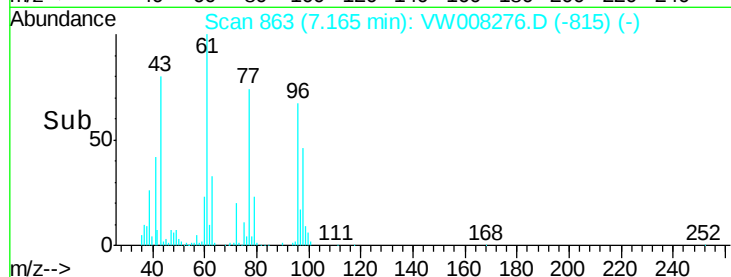
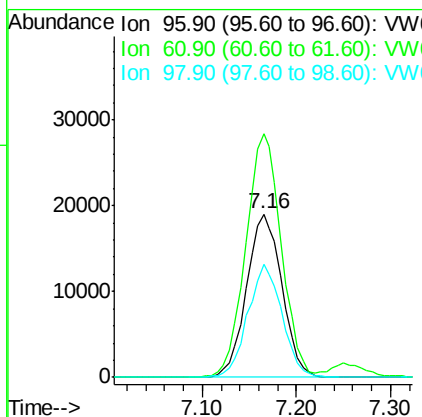
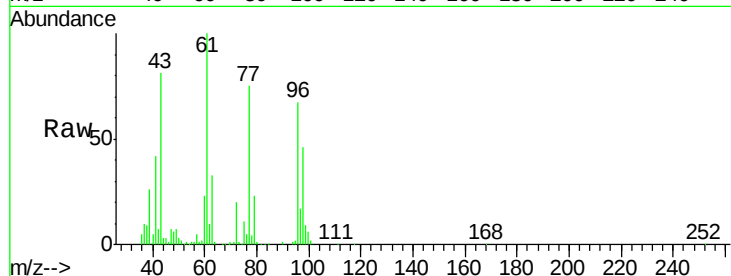
cis-1,2-Dichloroethene
Concen: 50.825 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	300.4
98	67.2	0.0	128.4

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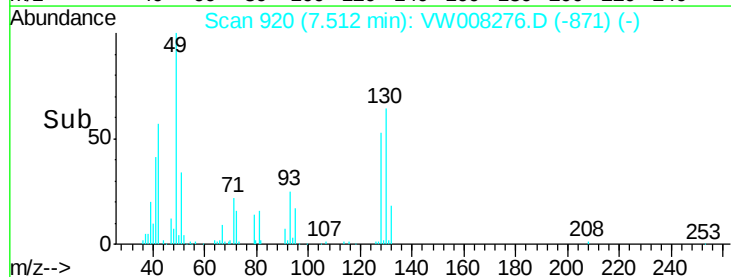
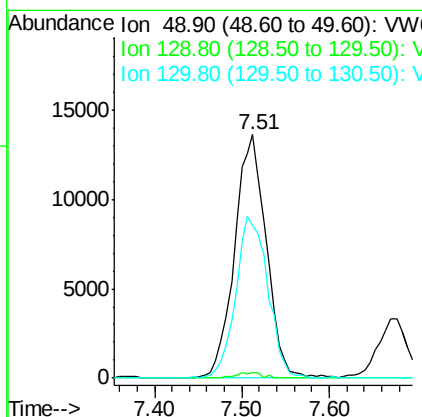
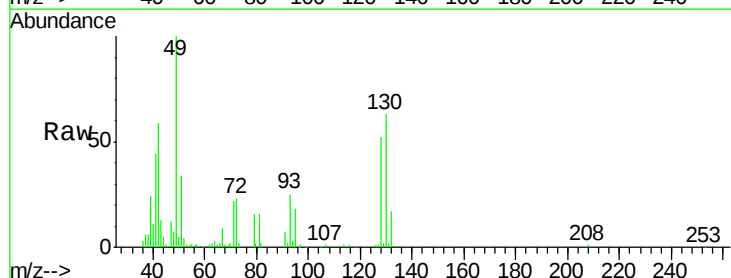
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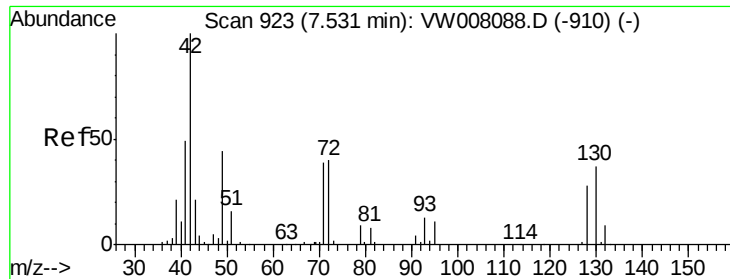


#28

Bromochloromethane
Concen: 51.928 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.8
130	67.3	54.3	81.5





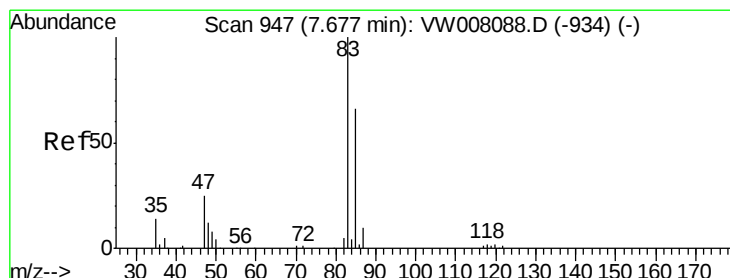
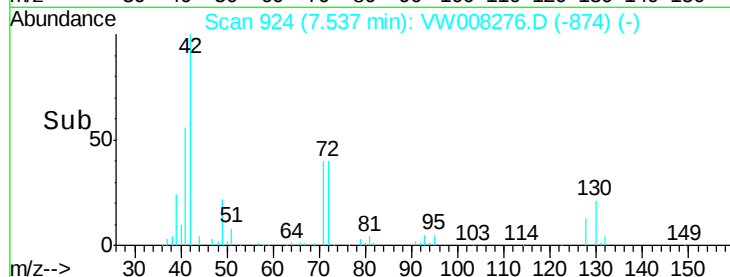
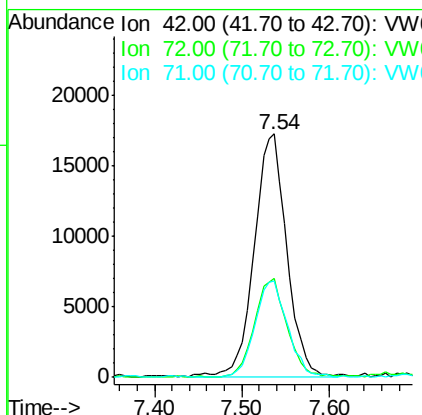
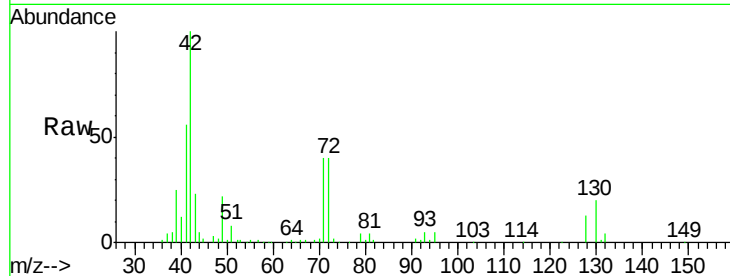
#29
Tetrahydrofuran
Concen: 284.358 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.4	48.6
71	39.5	31.3	46.9

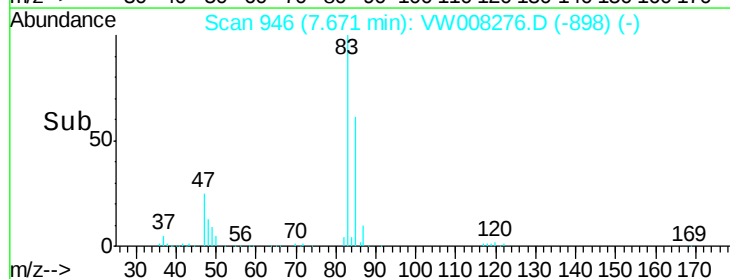
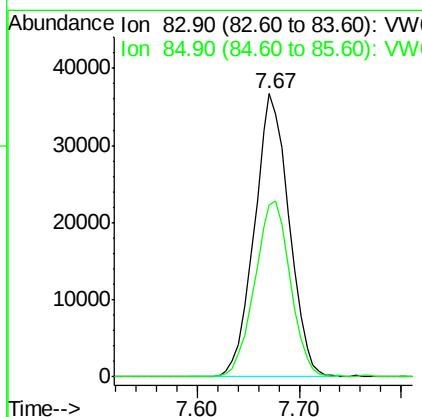
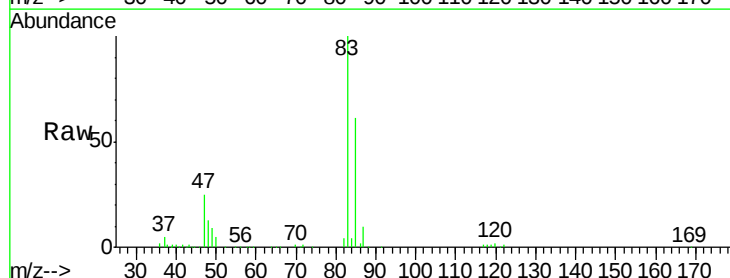
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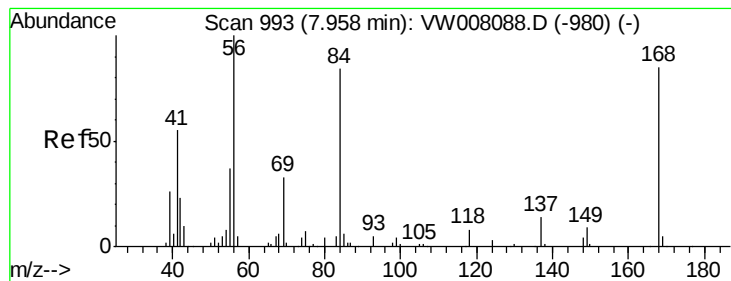
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#30
Chloroform
Concen: 54.454 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	53.2	79.8





#31

Cyclohexane

Concen: 47.155 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

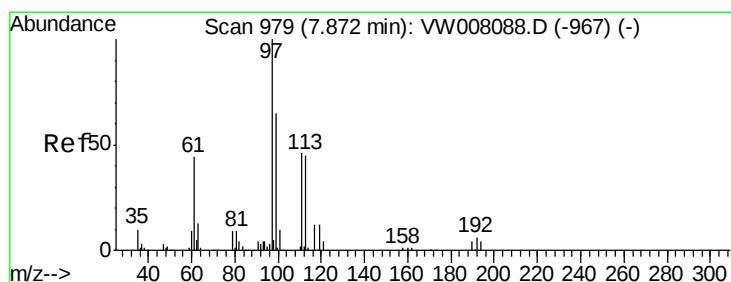
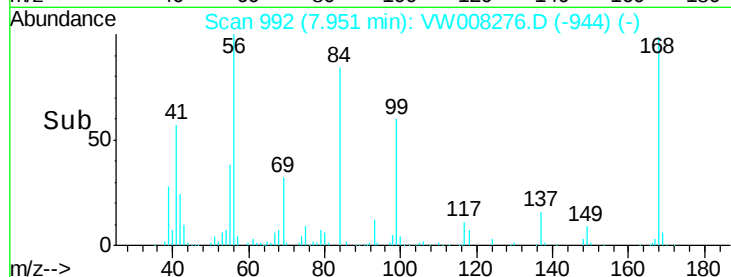
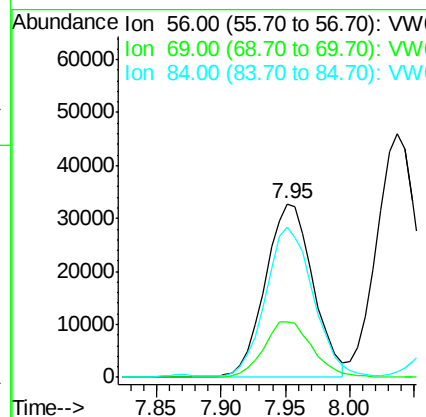
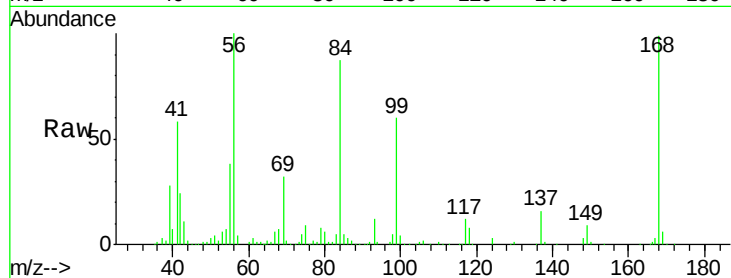
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	84420
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.2	39.4
84	85.5	67.4	101.2

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#32

1,1,1-Trichloroethane

Concen: 53.243 ug/l

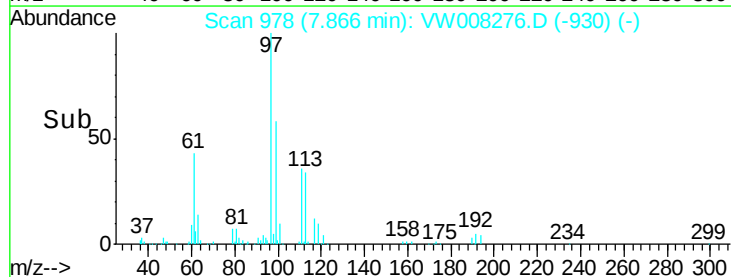
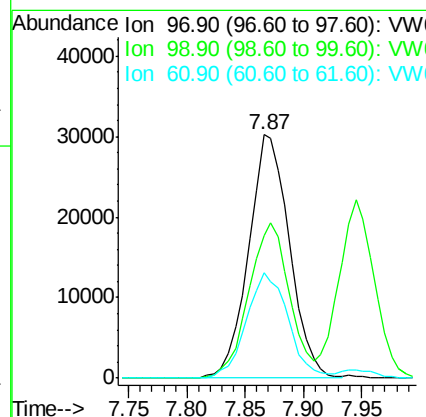
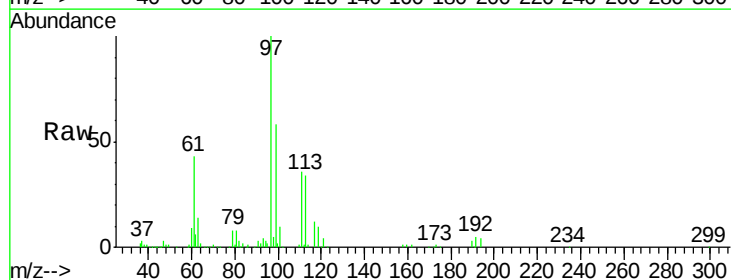
RT: 7.87 min Scan# 978

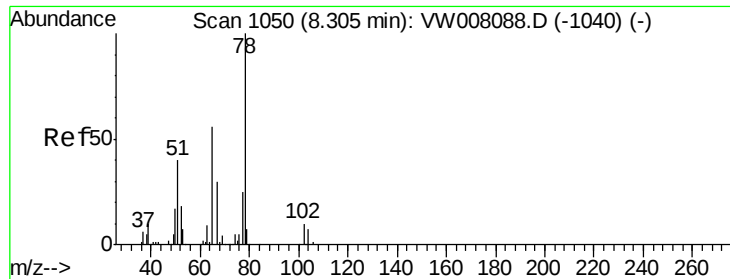
Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	97	Resp:	73745
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	44.5	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 53.377 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 45408

Ion Ratio Lower Upper

65 100

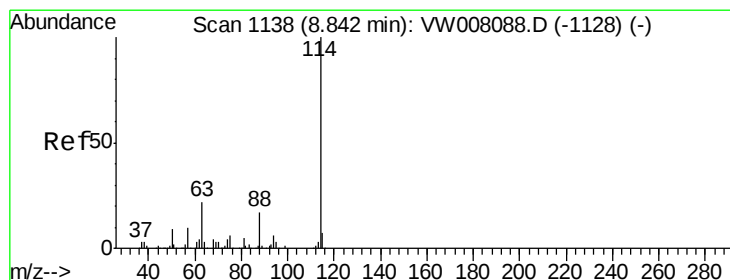
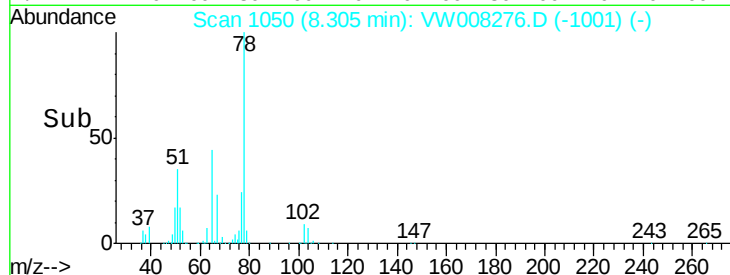
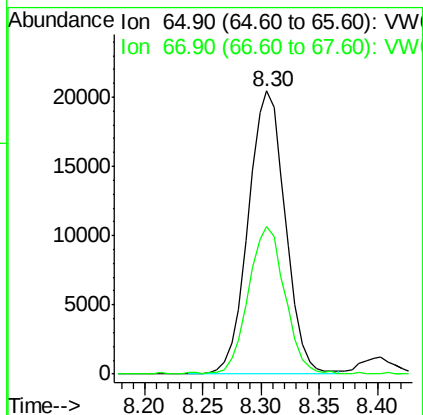
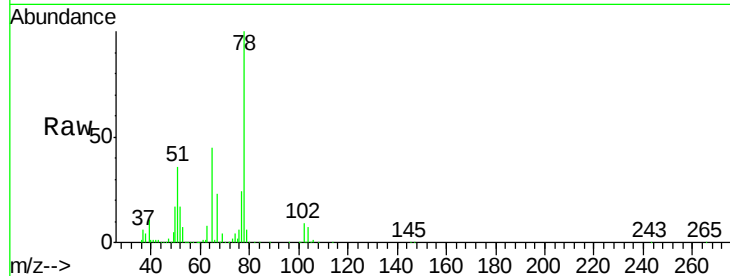
67 51.5 0.0 106.8

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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: VW008276.D

Acq: 15 Jan 2019 10:21

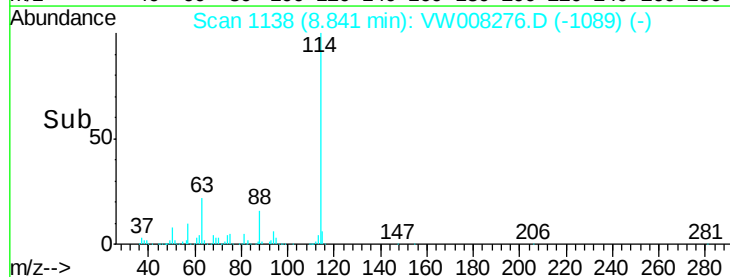
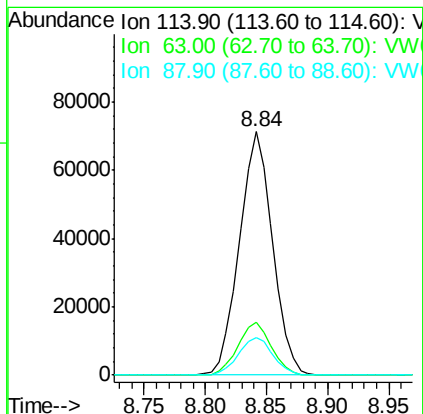
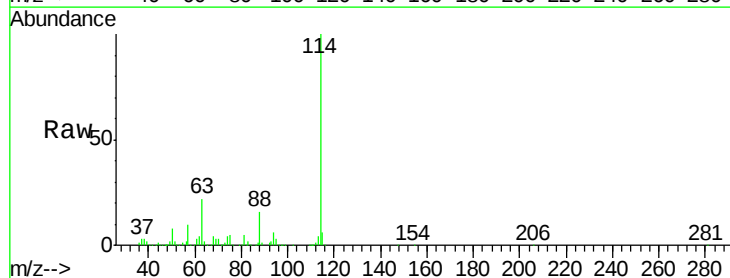
Tgt Ion: 114 Resp: 133927

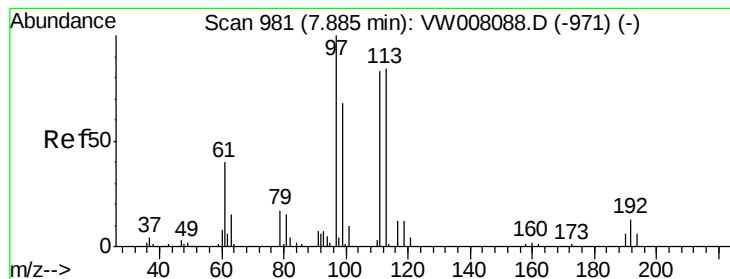
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.868 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

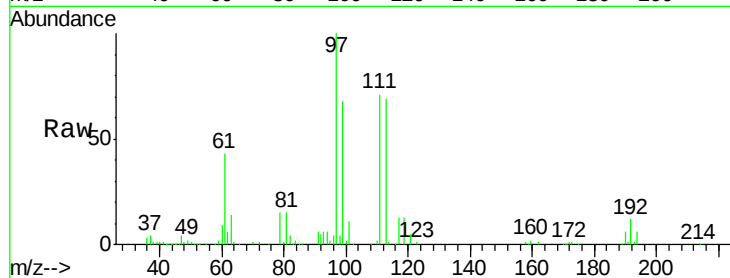
ClientSampleId :

VSTDCCC050EC

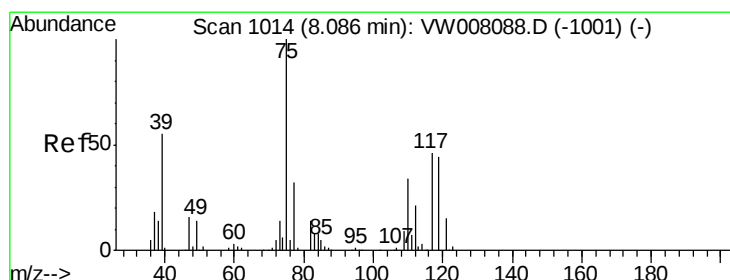
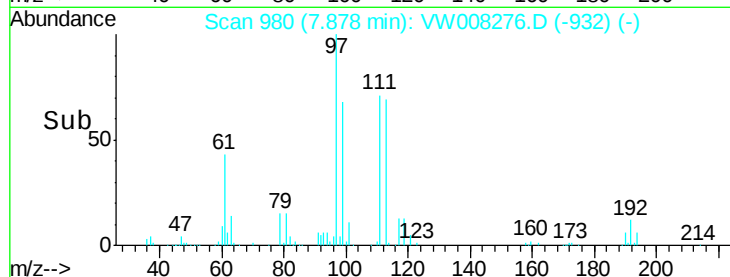
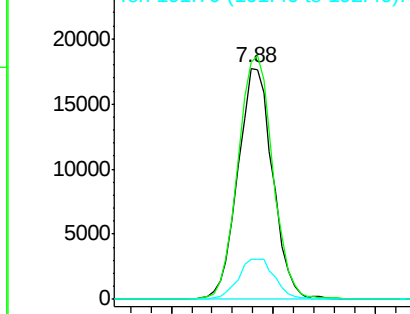
Tot Ion:	113	Resp:	42077
Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.8	122.8
192	18.5	12.8	19.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.758 ug/l

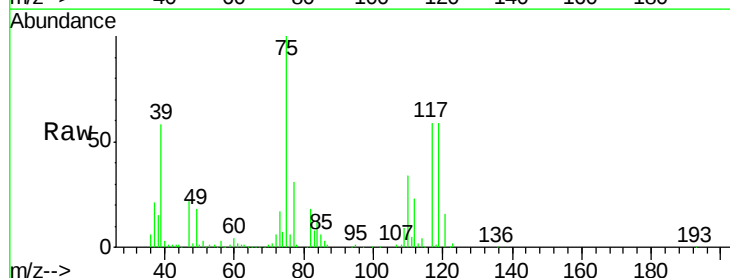
RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

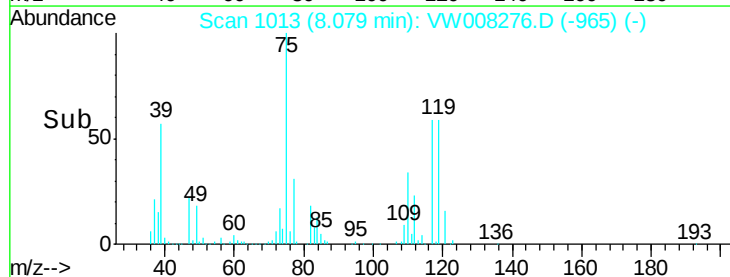
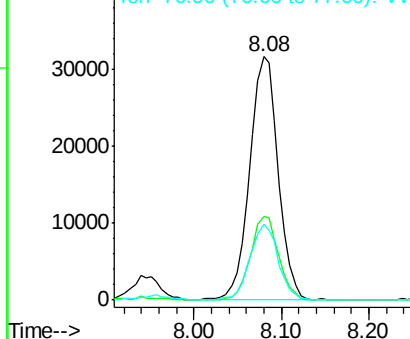
Lab File: VW008276.D

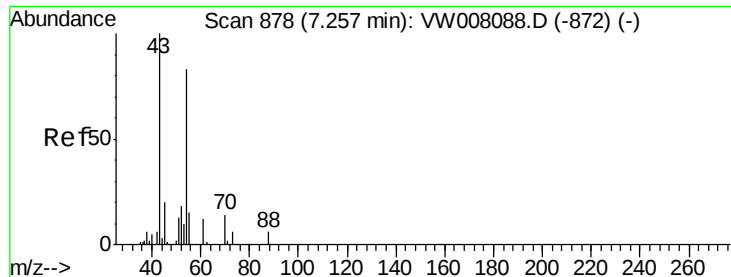
Acq: 15 Jan 2019 10:21

Tgt Ion:	75	Resp:	71404
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.1	51.3
77	31.1	25.5	38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





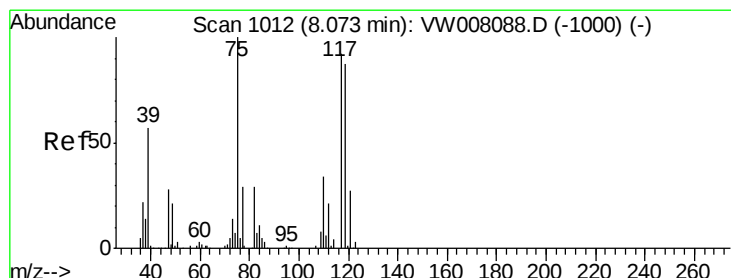
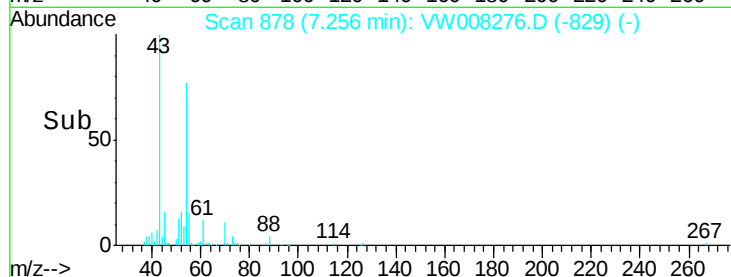
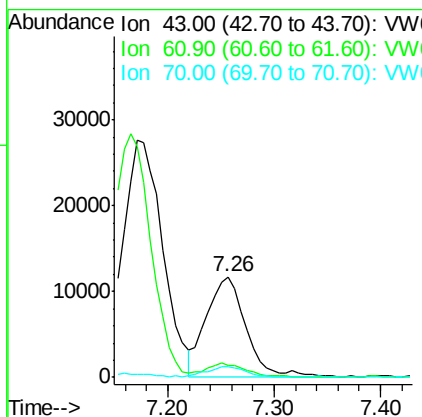
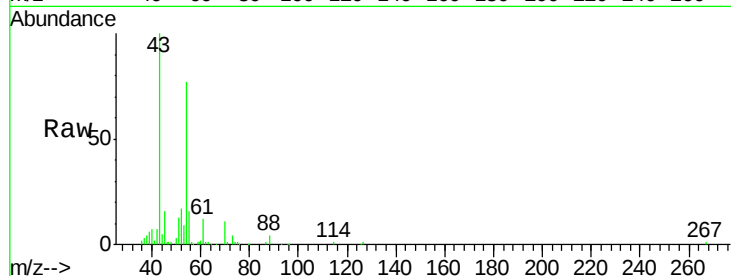
#37
Ethyl Acetate
Concen: 55.120 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	10.5	8.9	13.3

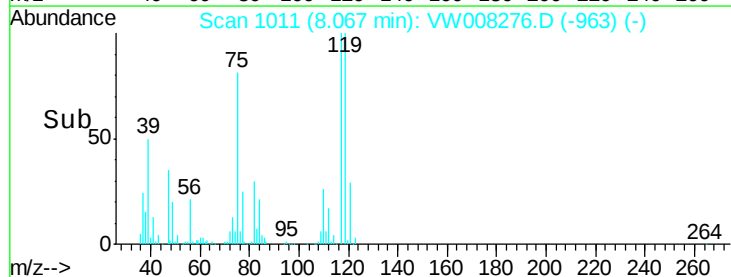
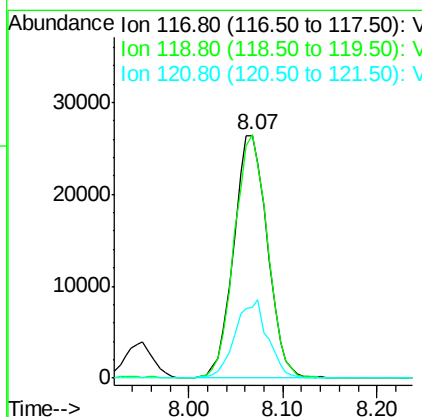
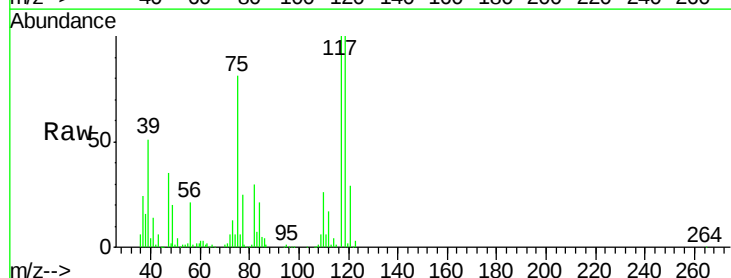
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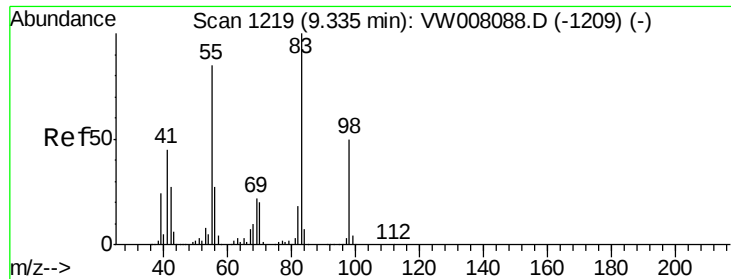
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#38
Carbon Tetrachloride
Concen: 52.035 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.8	113.8
121	29.3	23.7	35.5





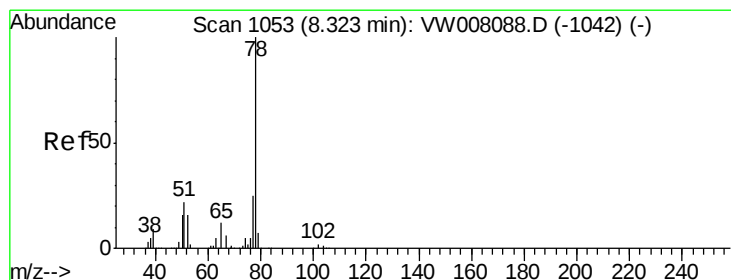
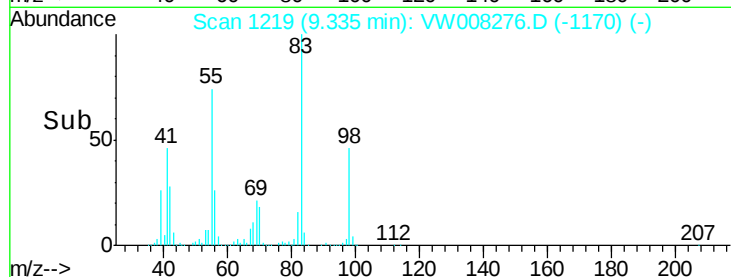
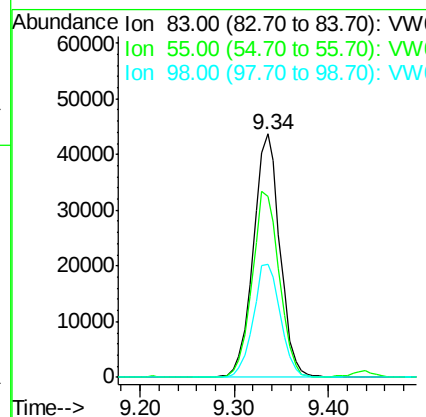
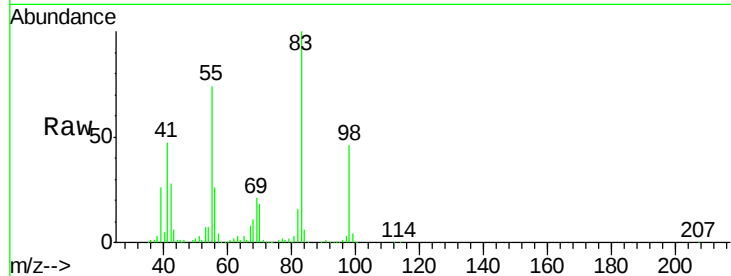
#39
Methvlcvclohexane
Concen: 49.568 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	86708
Ion	Ratio	Lower	Upper
83	100		
55	74.3	67.8	101.6
98	46.3	40.2	60.4

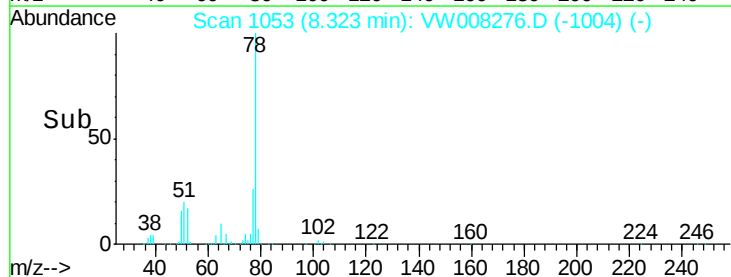
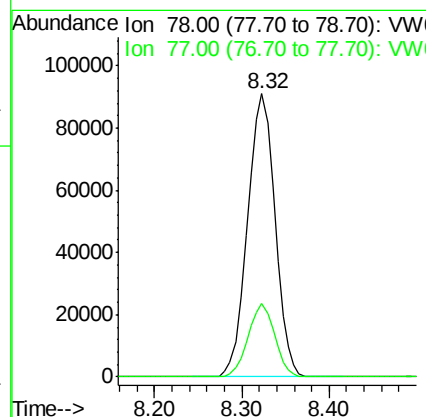
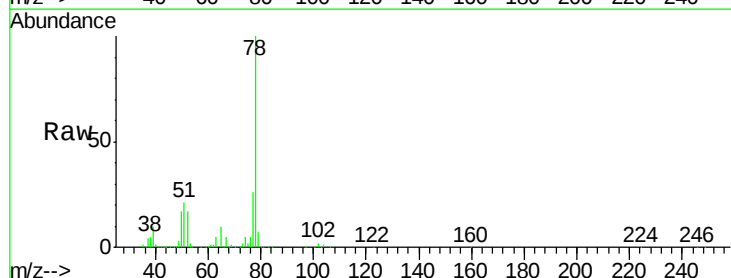
Manual Integrations
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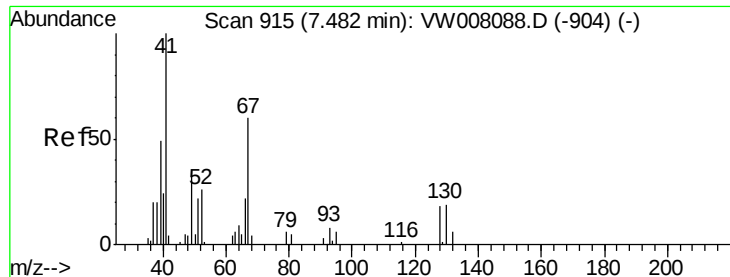
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#40
Benzene
Concen: 53.125 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	78.00	Resp	198786
Ion	Ratio	Lower	Upper
78	100		
77	26.2	20.2	30.4





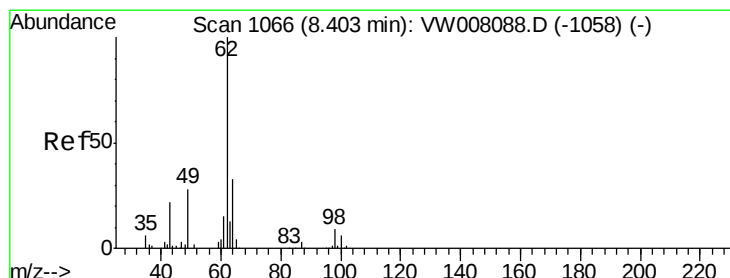
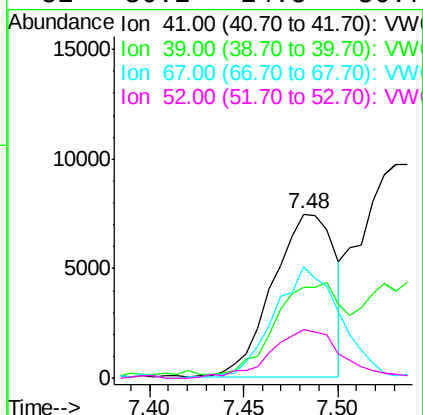
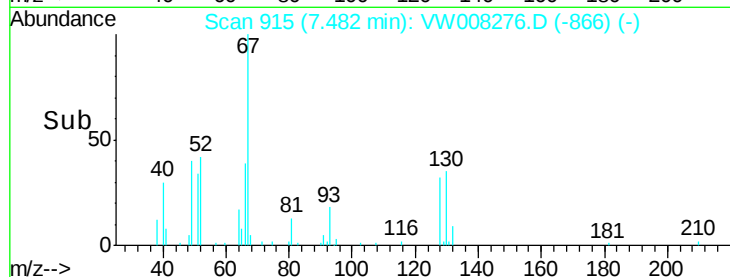
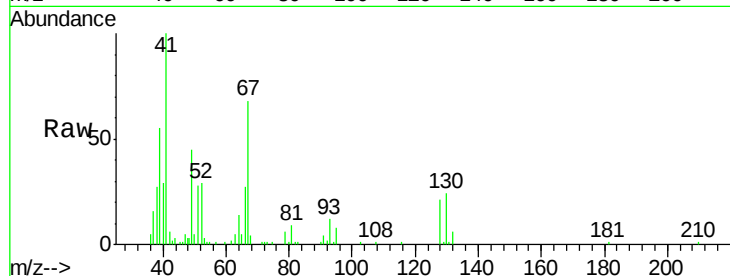
#41
Methacrylonitrile
Concen: 48.562 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		16955		
39	62.6	47.9	71.9		
67	74.2	56.3	84.5		
52	36.2	24.5	36.7		

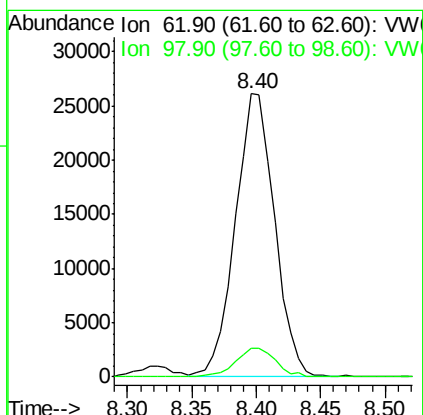
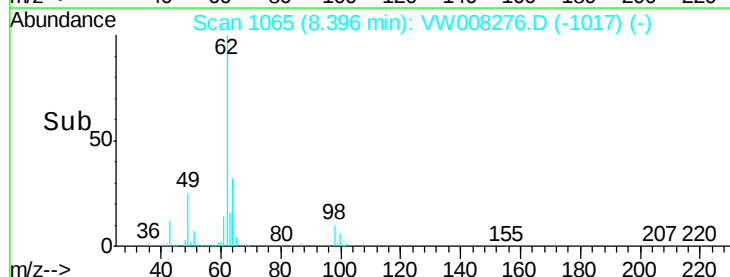
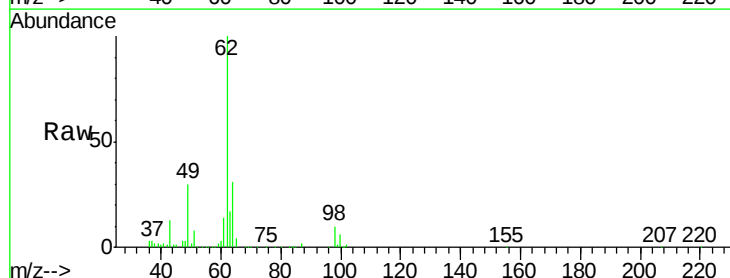
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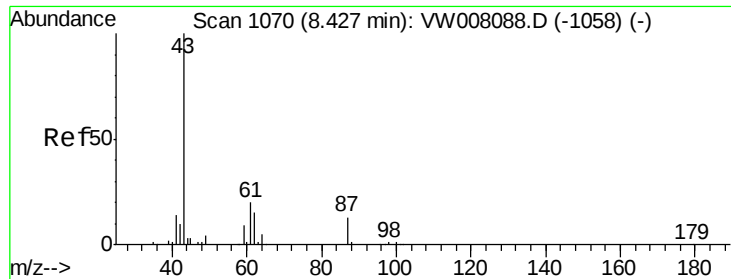
apatel
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#42
1,2-Dichloroethane
Concen: 52.225 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		54962		
98	10.5	0.0	18.6		





#43

Isopropyl Acetate

Concen: 53.928 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

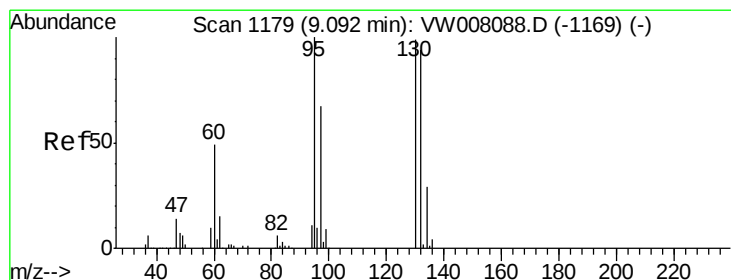
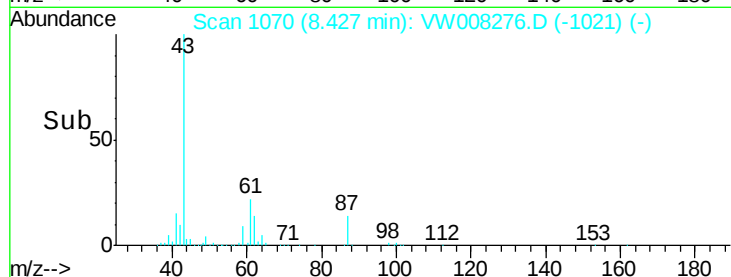
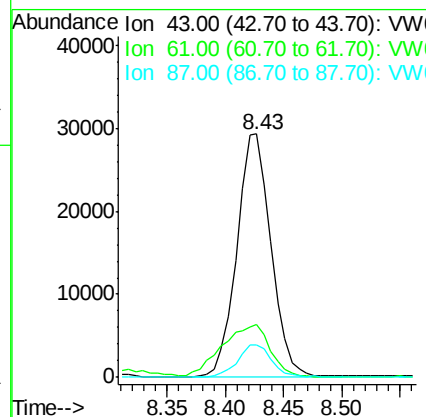
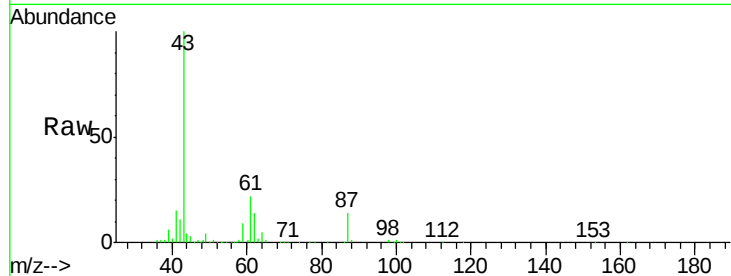
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	59594
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	13.4	10.4	15.6

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#44

Trichloroethene

Concen: 52.245 ug/l

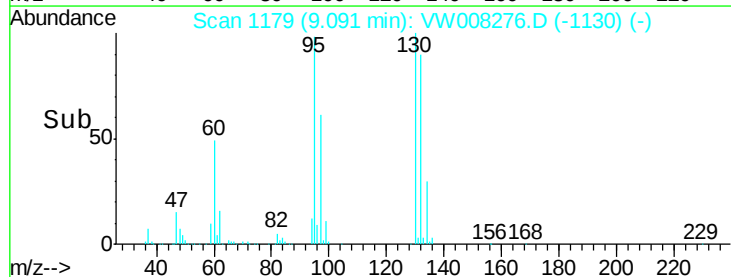
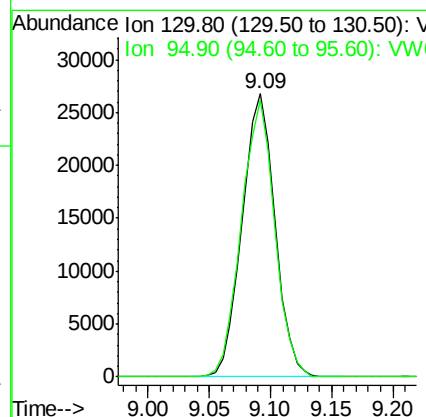
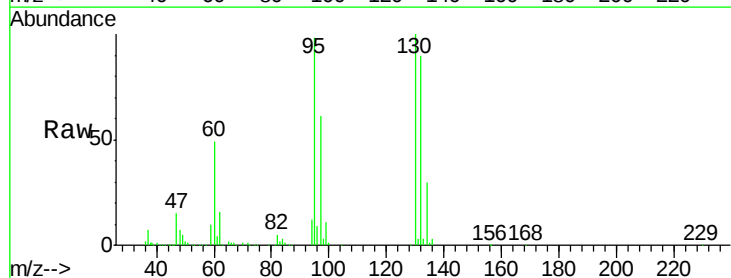
RT: 9.09 min Scan# 1179

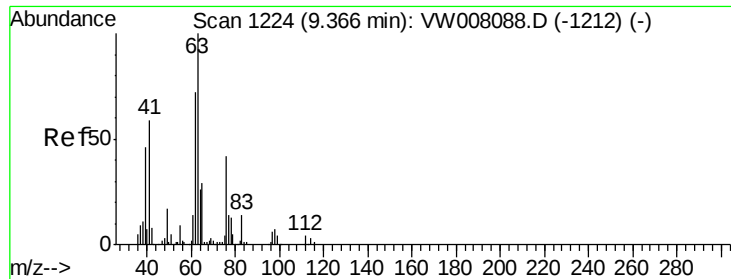
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	130	Resp:	50043
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	202.8





#45

1,2-Dichloropropane

Concen: 54.365 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 50440

Ion Ratio Lower Upper

63 100

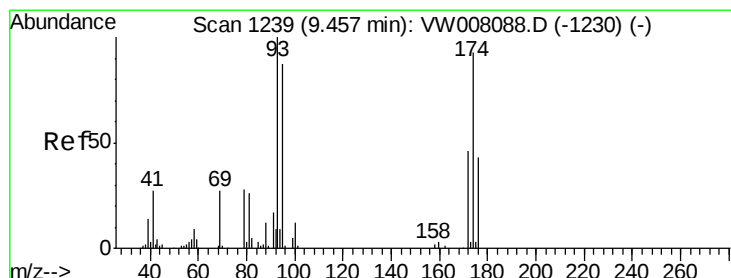
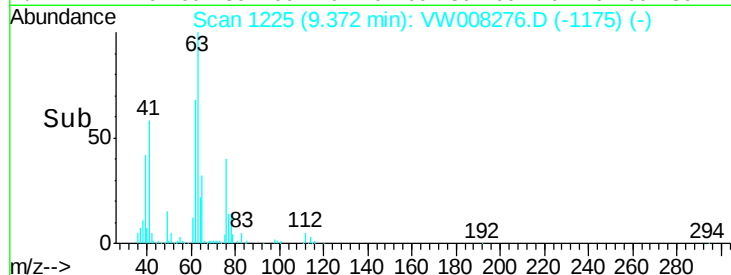
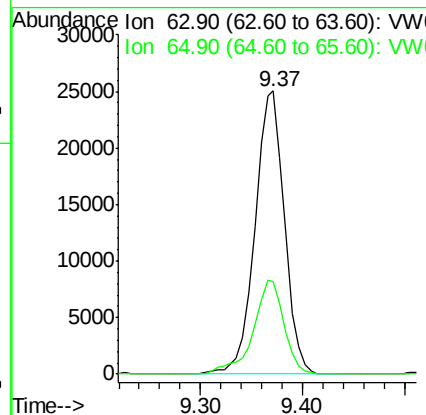
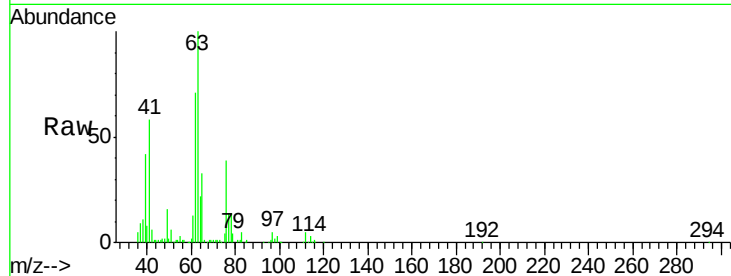
65 32.7 23.3 34.9

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#46

Dibromomethane

Concen: 57.313 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

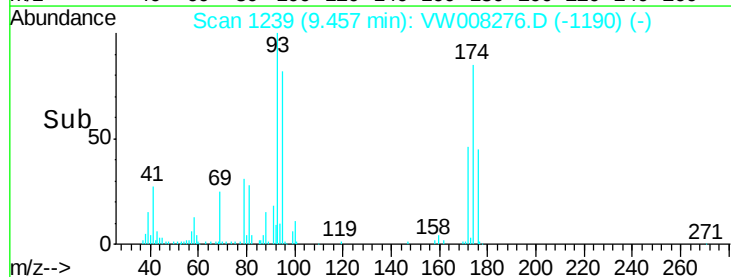
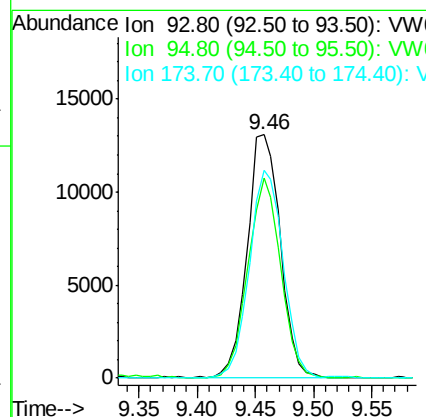
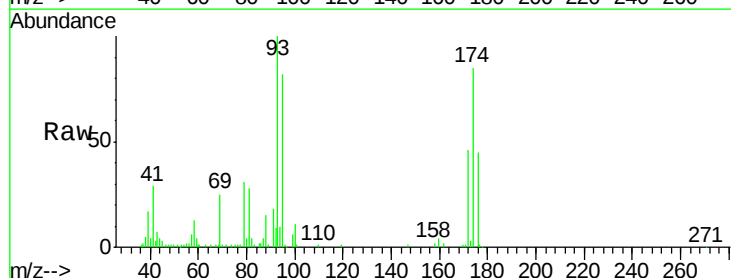
Tgt Ion: 93 Resp: 26115

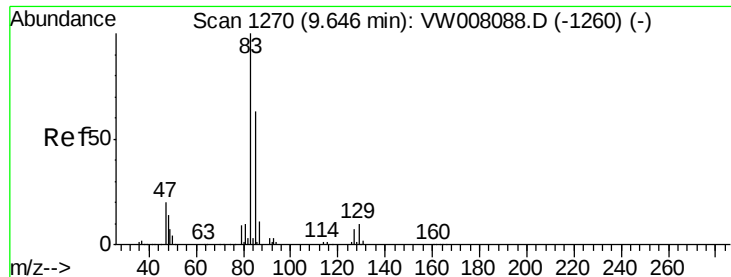
Ion Ratio Lower Upper

93 100

95 81.1 67.5 101.3

174 86.8 72.5 108.7





#47

Bromodichloromethane

Concen: 55.122 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

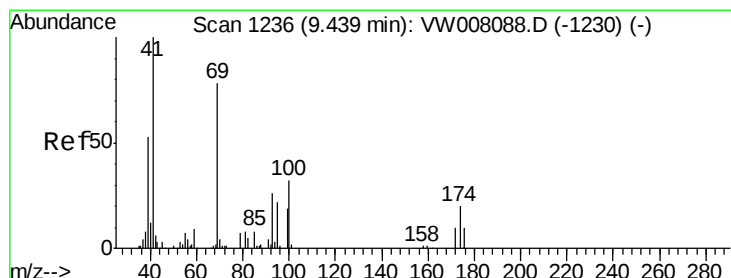
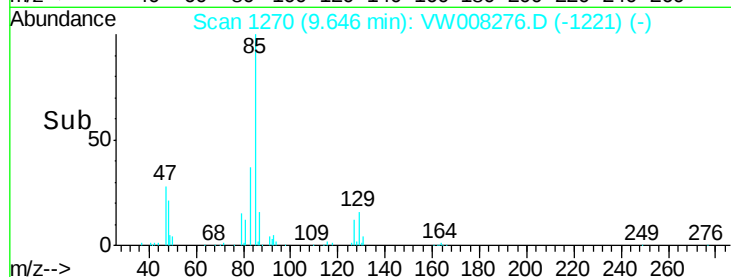
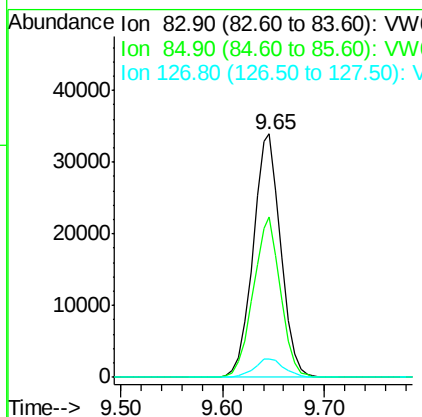
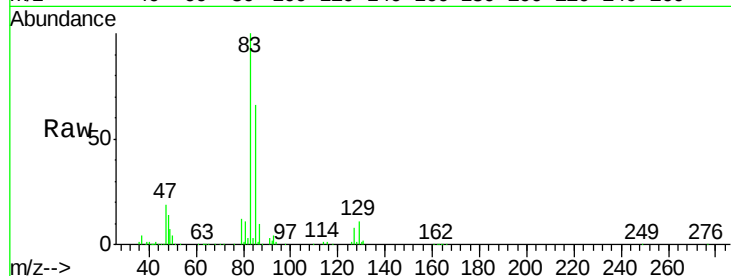
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	63776
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.7	76.1
127	7.6	6.0	9.0

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#48

Methyl methacrylate

Concen: 55.033 ug/l

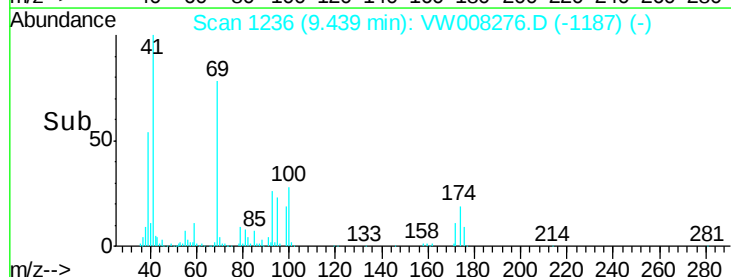
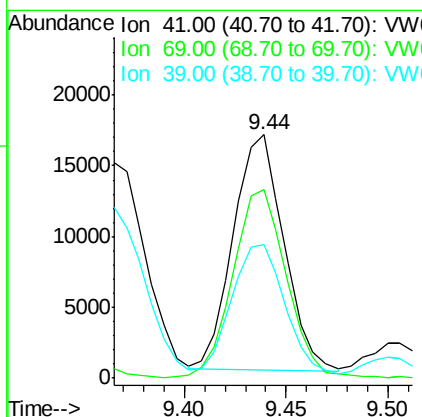
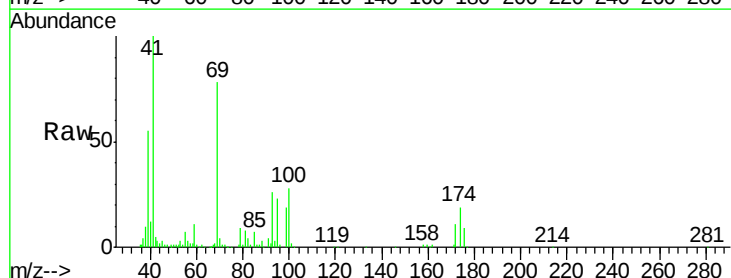
RT: 9.44 min Scan# 1236

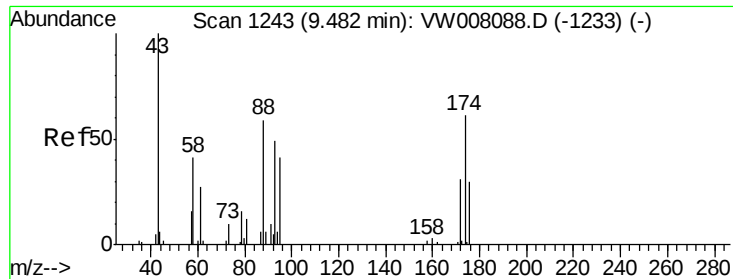
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	41	Resp:	28696
Ion	Ratio	Lower	Upper
41	100		
69	85.5	61.9	92.9
39	57.3	43.0	64.4





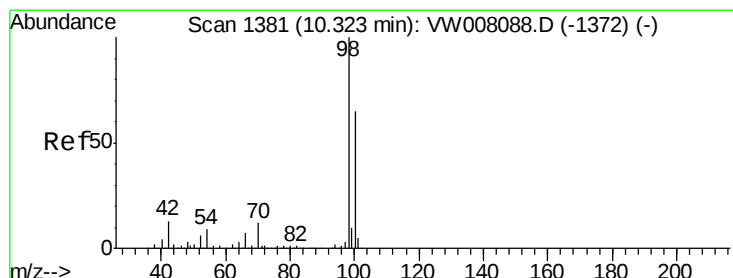
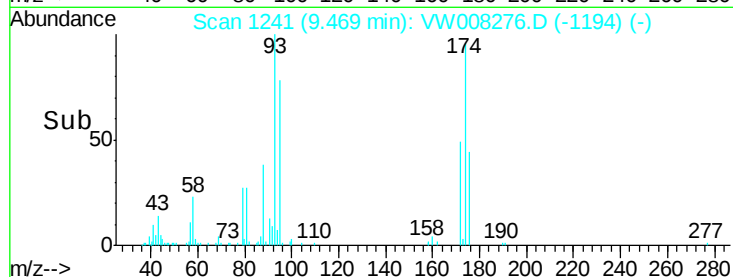
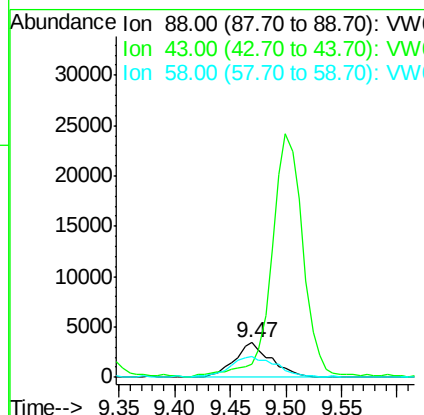
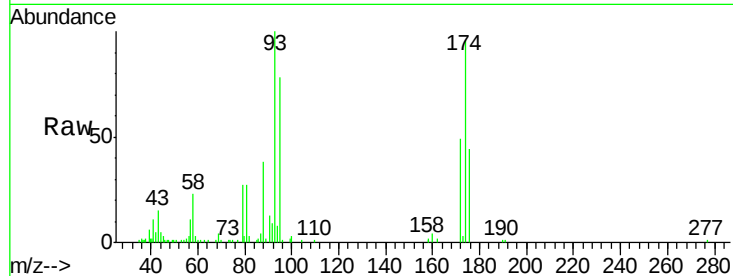
#49
1,4-Dioxane
Concen: 1077.823 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	7898
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.7	61.7	92.5

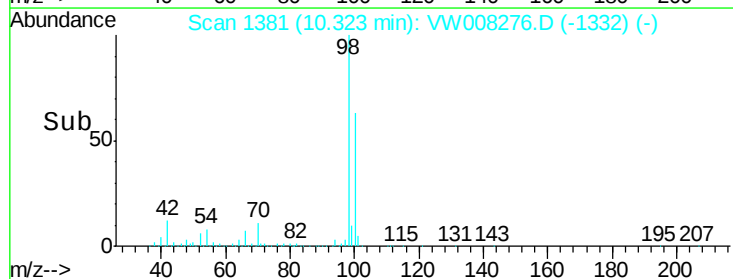
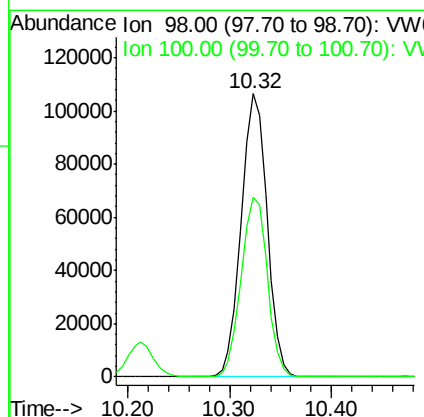
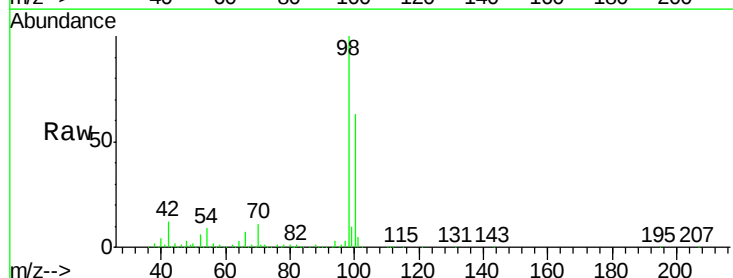
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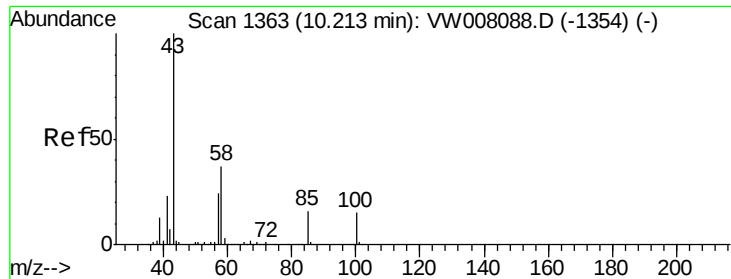
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#50
Toluene-d8
Concen: 57.167 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	98	Resp	187384
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 295.551 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 158094

Ion Ratio Lower Upper

43 100

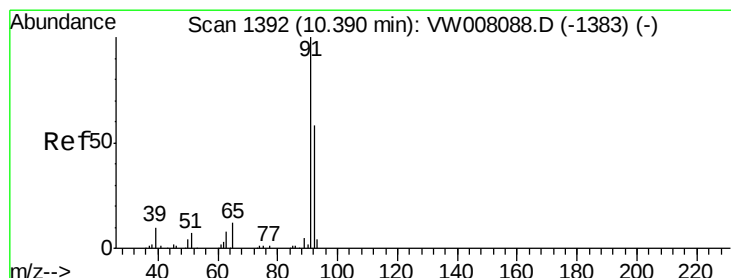
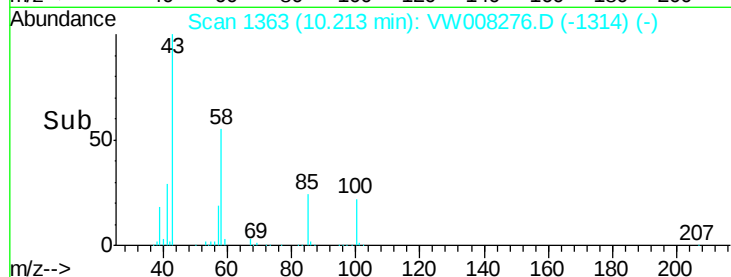
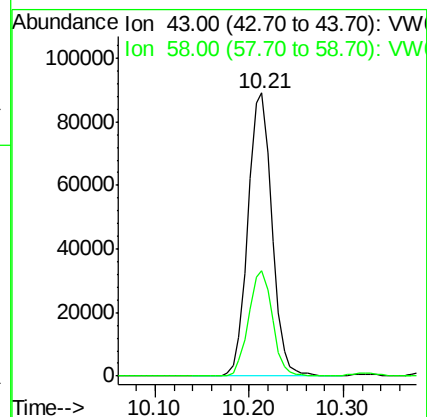
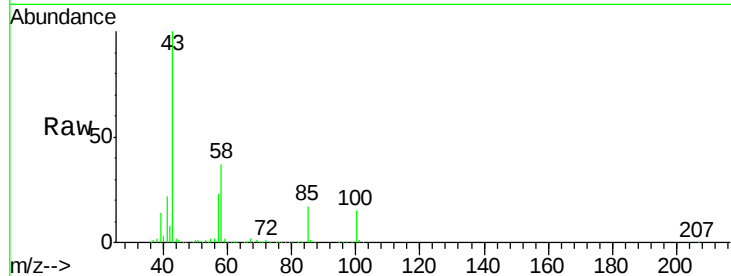
58 37.3 30.6 46.0

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#52

Toluene

Concen: 55.136 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008276.D

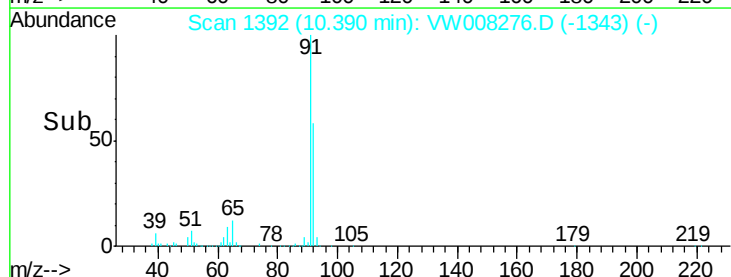
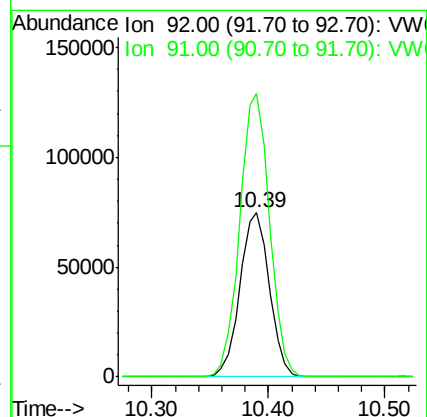
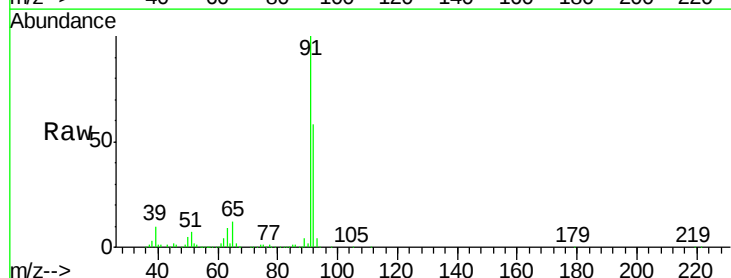
Acq: 15 Jan 2019 10:21

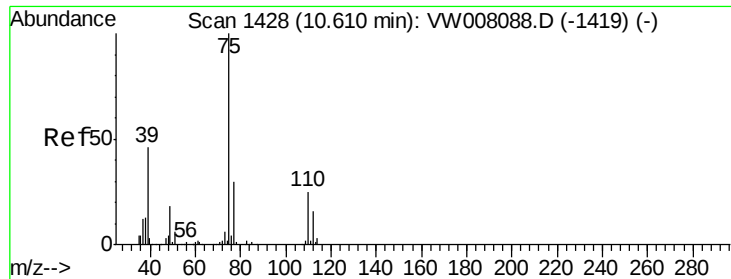
Tgt Ion: 92 Resp: 131758

Ion Ratio Lower Upper

92 100

91 174.7 137.0 205.4





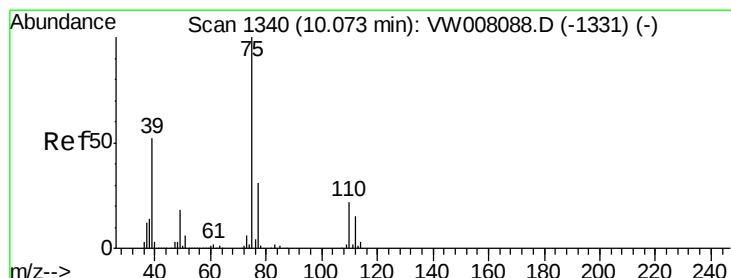
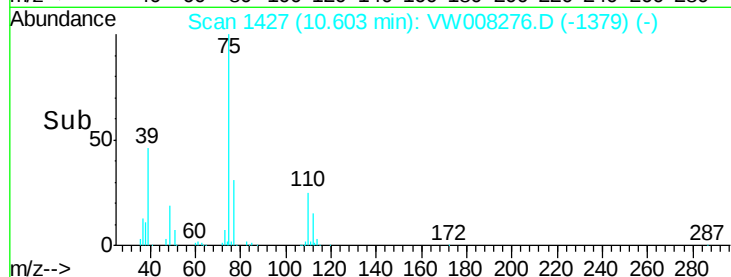
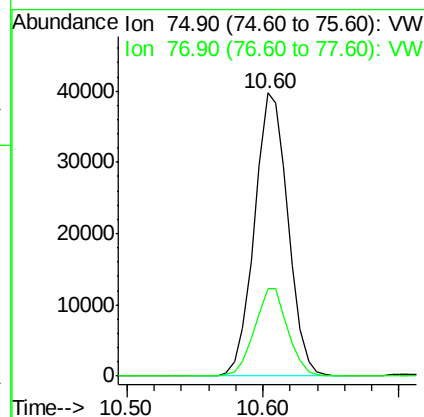
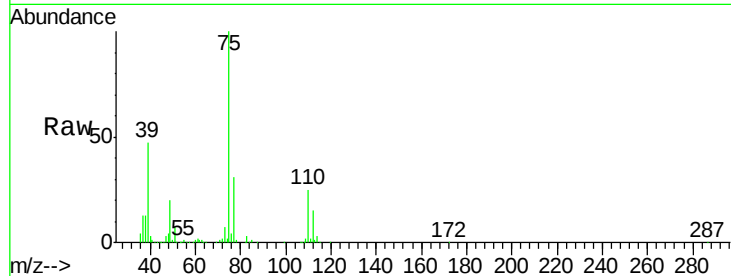
#53
 t-1,3-Dichloropropene
 Concen: 57.071 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.4	36.6

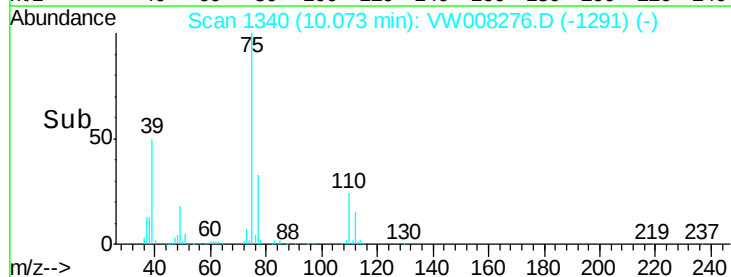
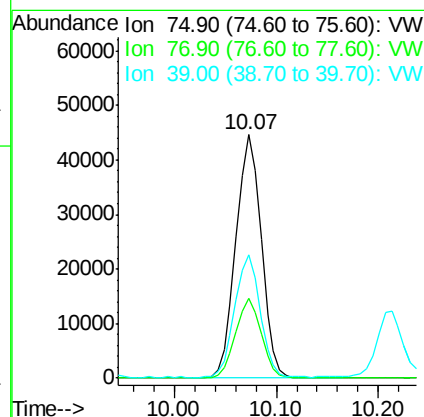
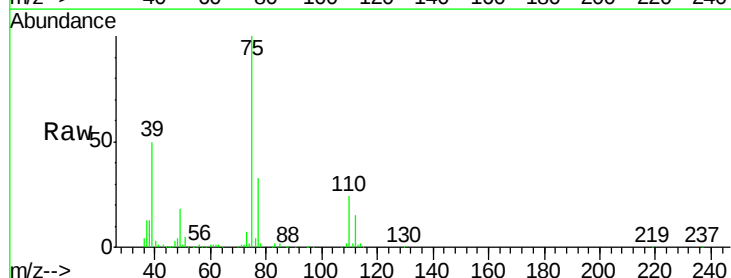
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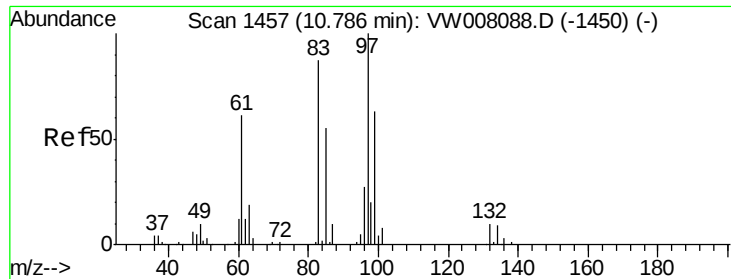
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#54
 cis-1,3-Dichloropropene
 Concen: 53.999 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8
39	50.1	41.4	62.0





#55

1,1,2-Trichloroethane

Concen: 58.363 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

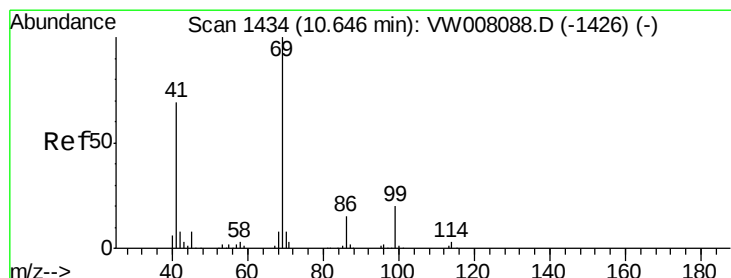
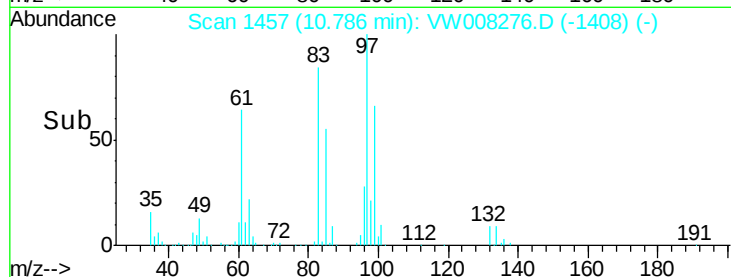
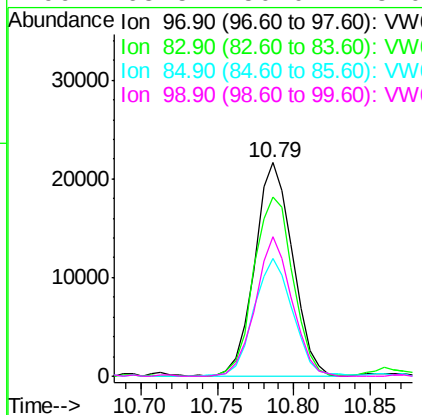
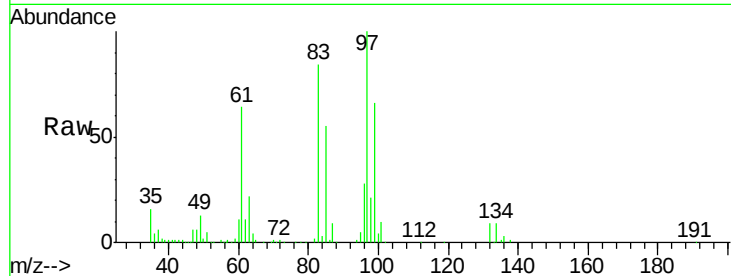
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	37337
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.3	103.9
85	55.3	43.8	65.6
99	65.5	50.0	75.0

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#56

Ethyl methacrylate

Concen: 60.350 ug/l

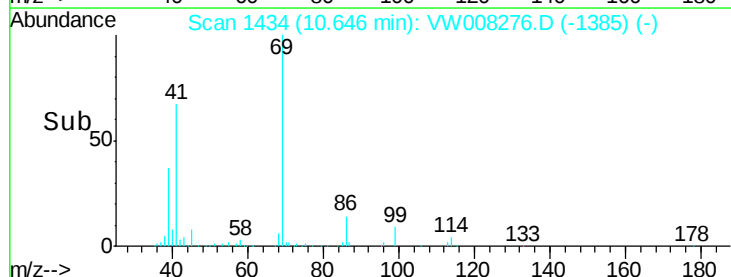
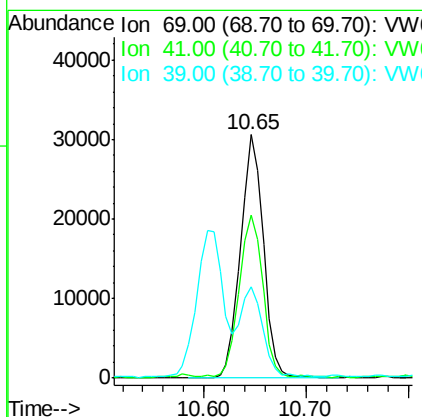
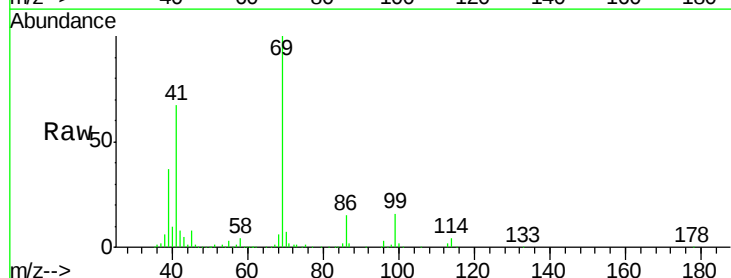
RT: 10.65 min Scan# 1434

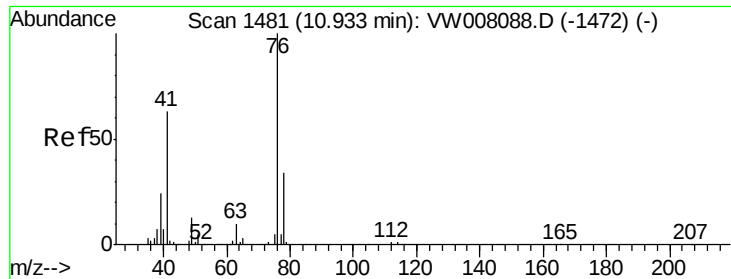
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	69	Resp:	47813
Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.4	84.6
39	35.7	28.1	42.1





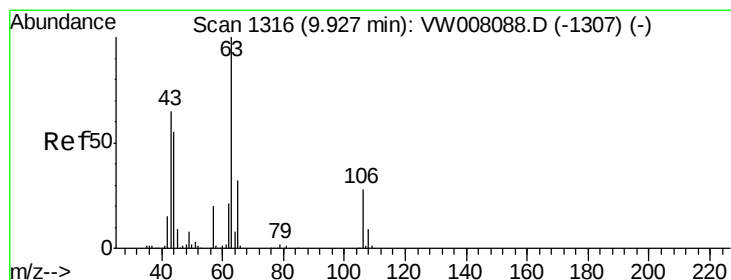
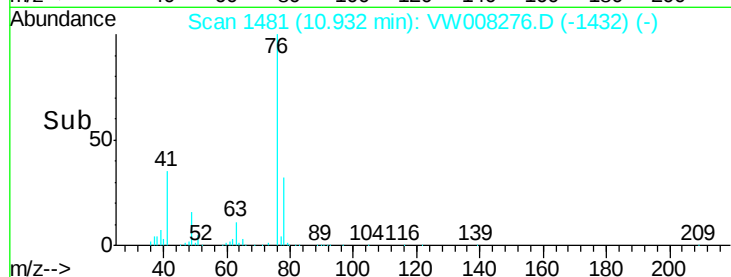
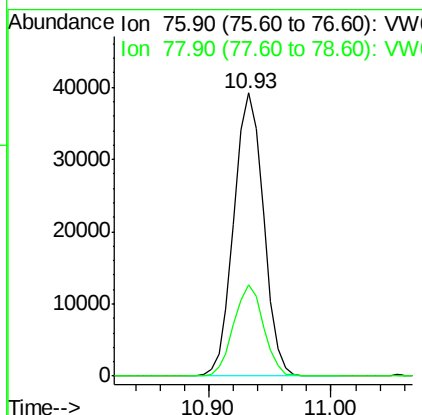
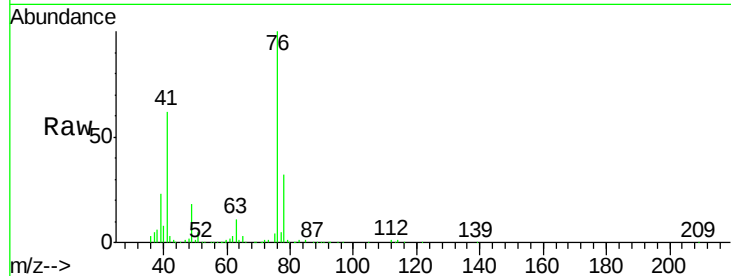
#57
 1,3-Dichloropropane
 Concen: 56.320 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 65894
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5

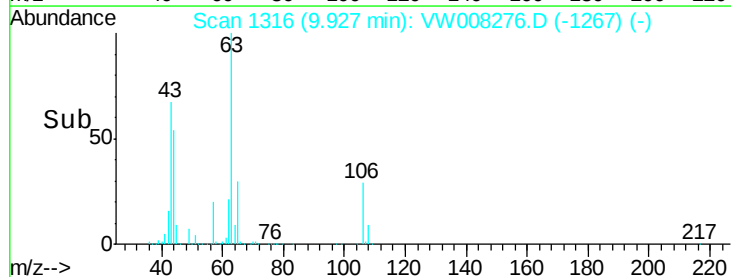
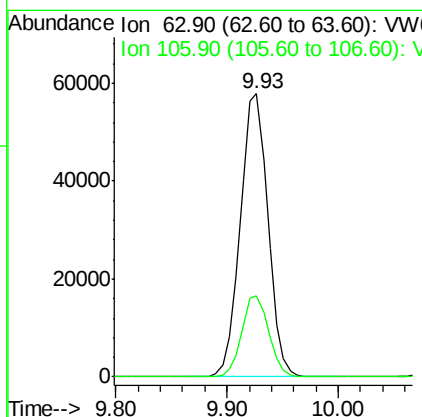
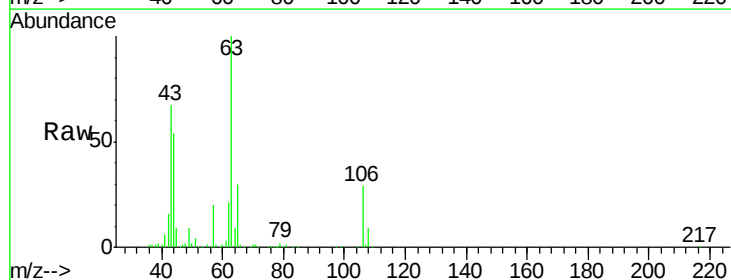
Manual Integrations
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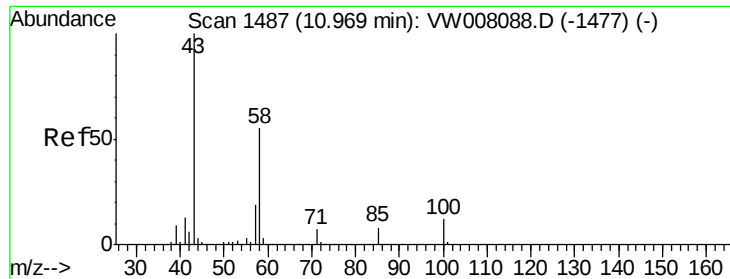
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.688 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion: 63 Resp: 99727
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.6





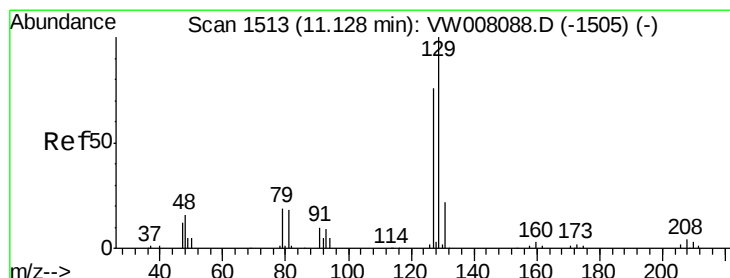
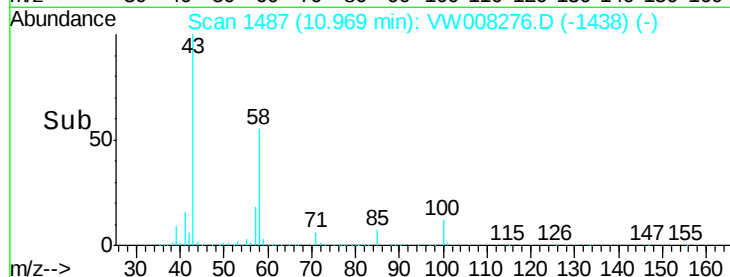
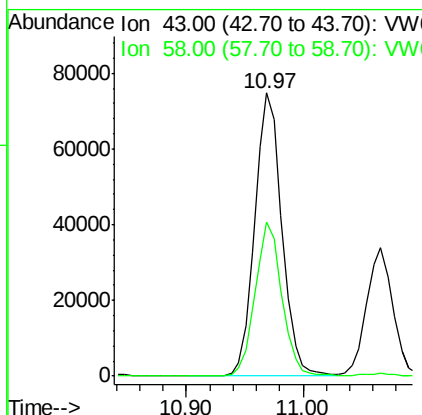
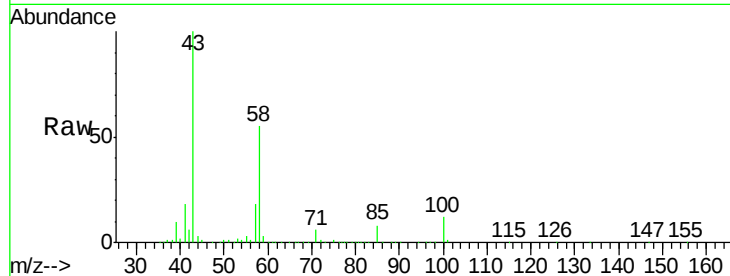
#59
2-Hexanone
Concen: 335.712 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 121438
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.5

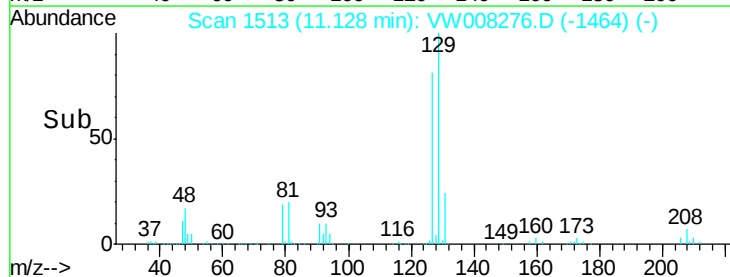
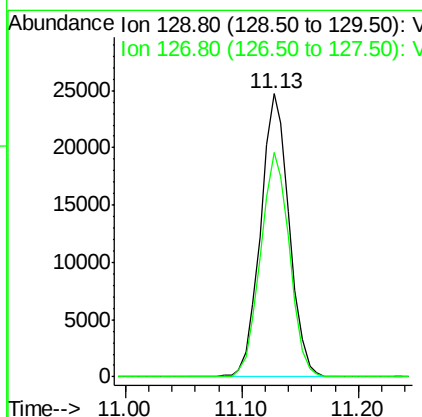
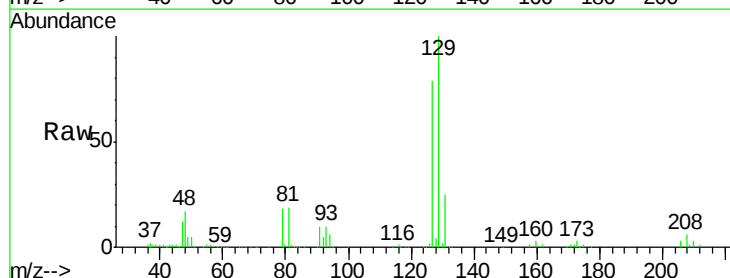
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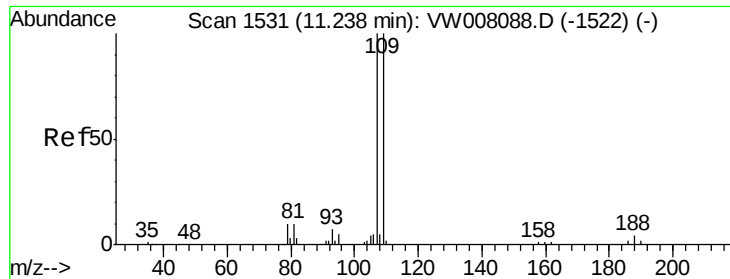
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#60
Dibromochloromethane
Concen: 60.172 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion: 129 Resp: 42271
Ion Ratio Lower Upper
129 100
127 80.4 38.9 116.6





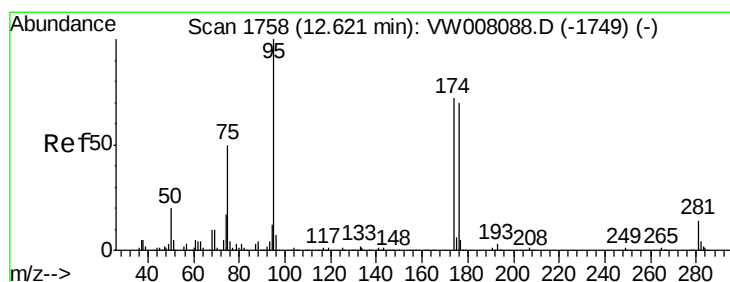
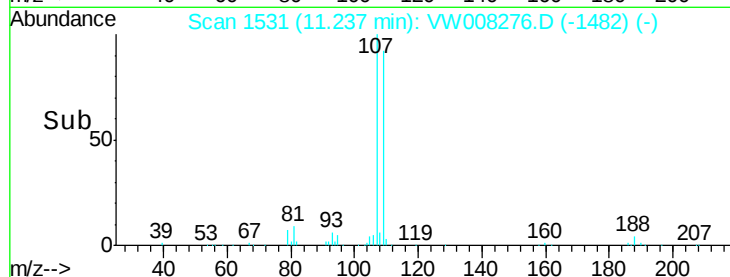
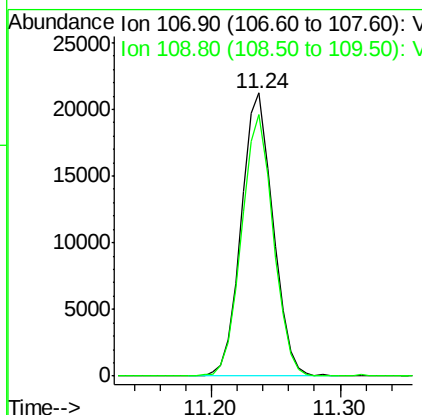
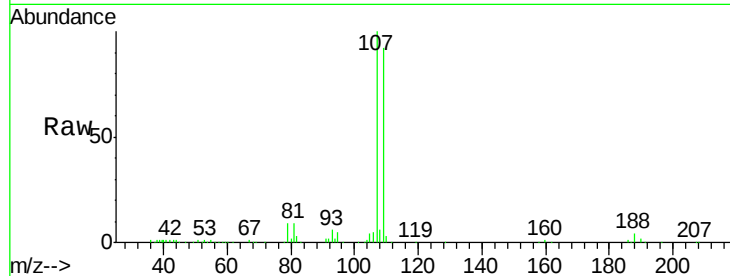
#61
 1,2-Dibromoethane
 Concen: 59.410 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 36063
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.9 113.9

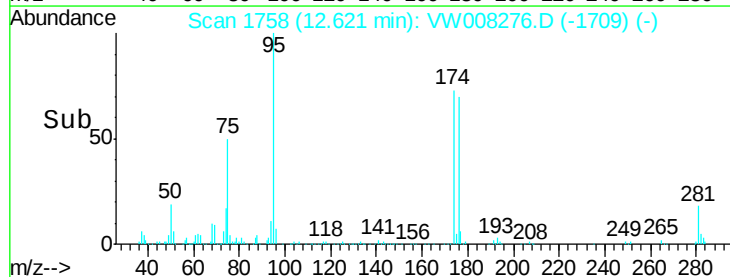
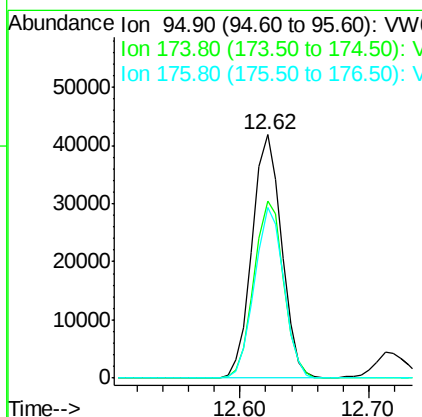
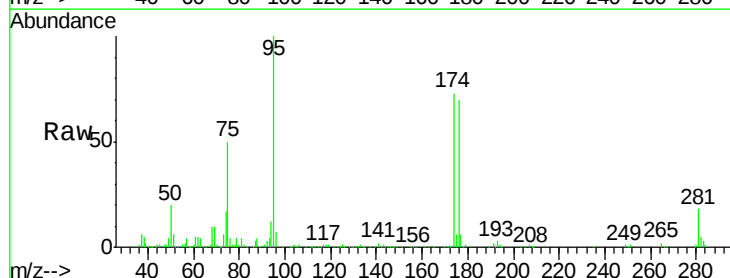
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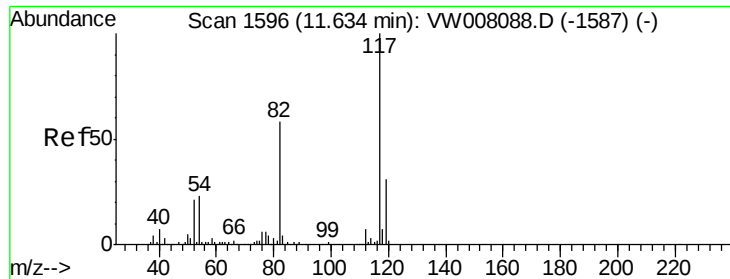
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#62
 4-Bromofluorobenzene
 Concen: 56.263 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion: 95 Resp: 66115
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 143.0
 176 69.6 0.0 140.2





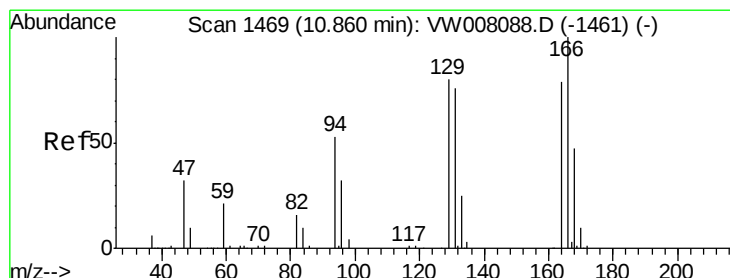
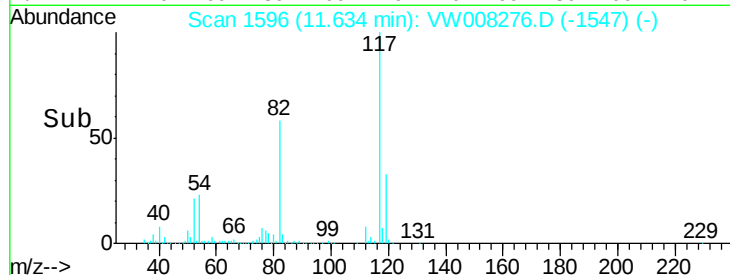
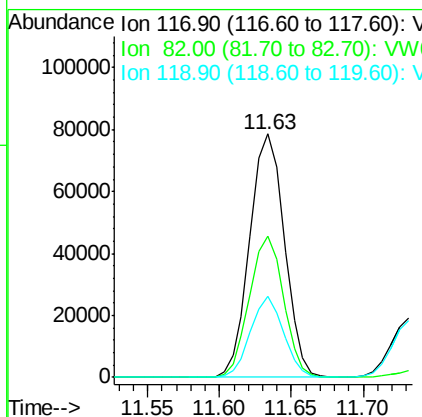
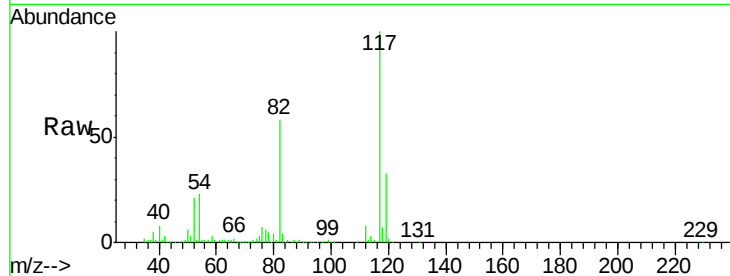
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	33.3	24.7	37.1

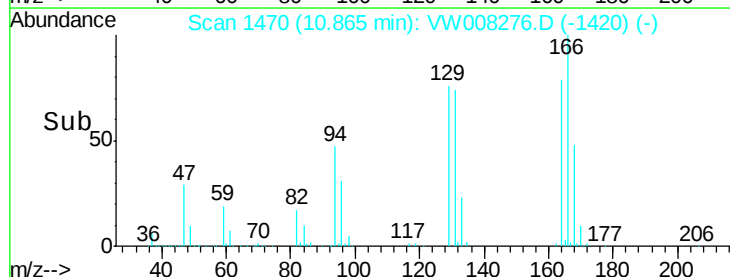
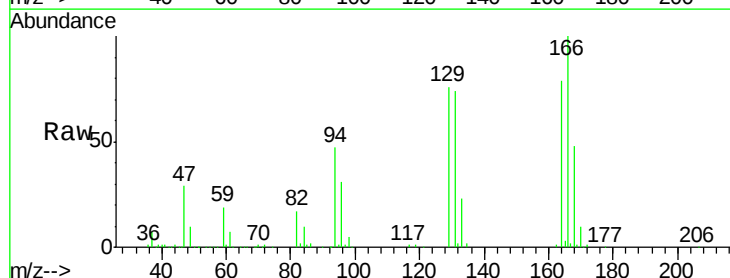
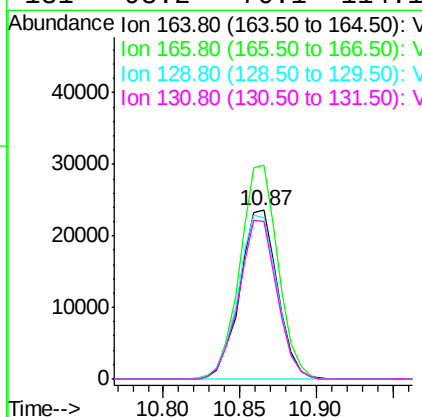
Manual Integrations
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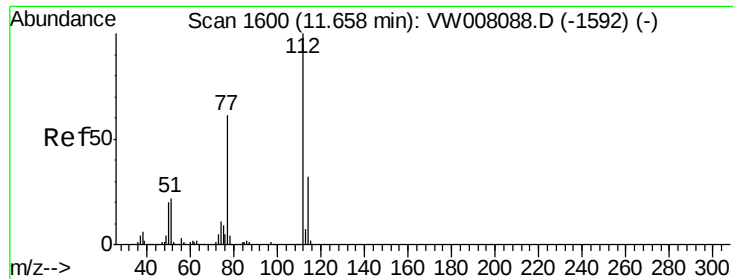
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#64
Tetrachloroethene
Concen: 47.136 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	100.7	151.1
129	95.8	81.0	121.4
131	93.2	76.1	114.1





#65

Chlorobenzene

Concen: 49.973 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 138829

Ion Ratio Lower Upper

112 100

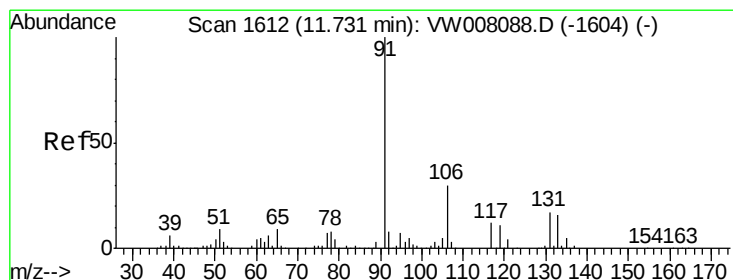
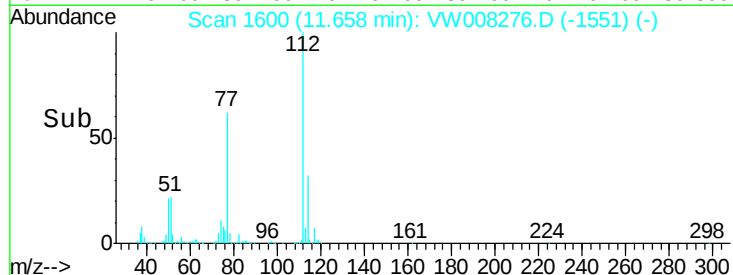
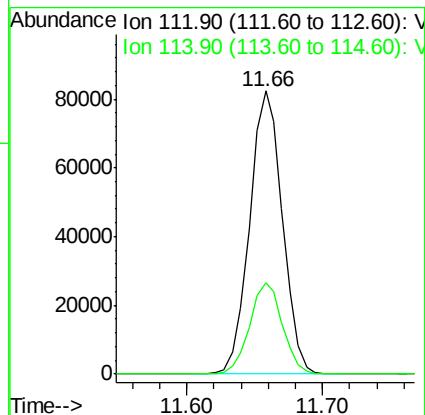
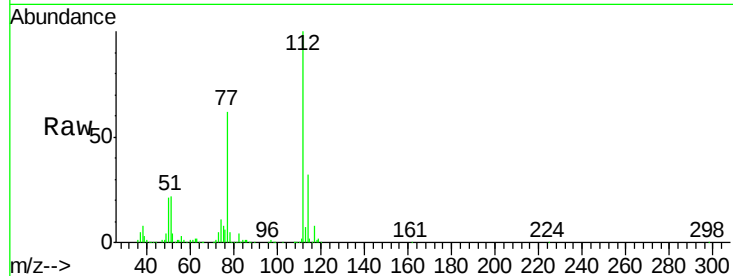
114 32.5 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.947 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

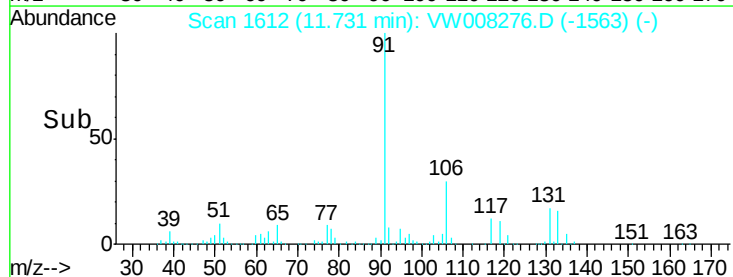
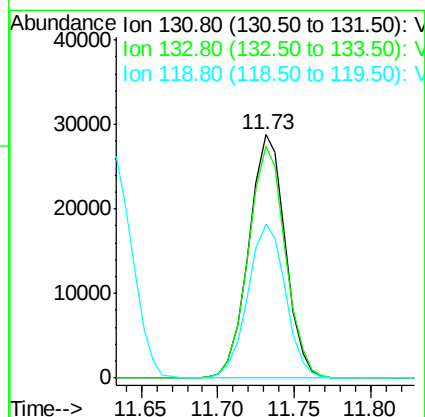
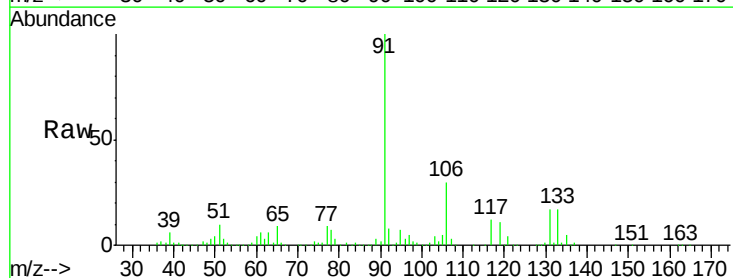
Tgt Ion:131 Resp: 47842

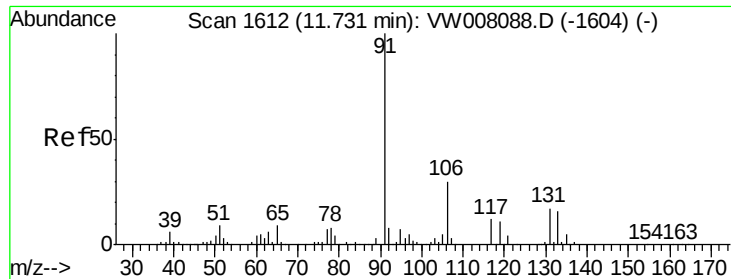
Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.7

119 65.0 32.5 97.4





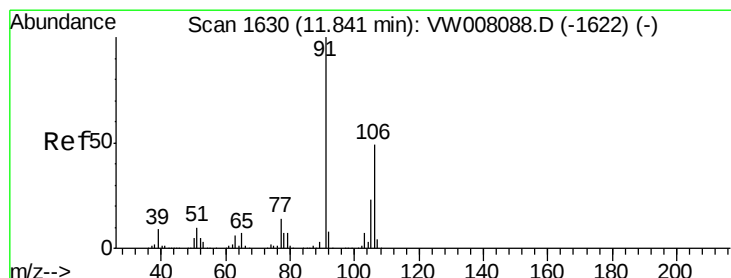
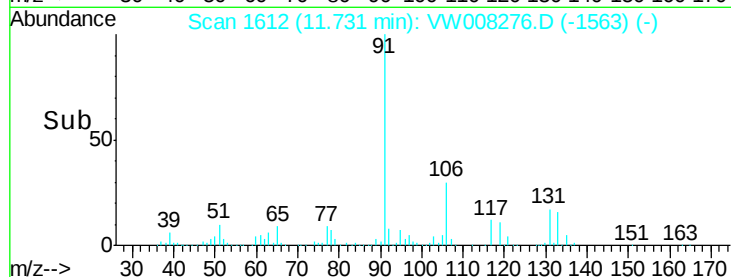
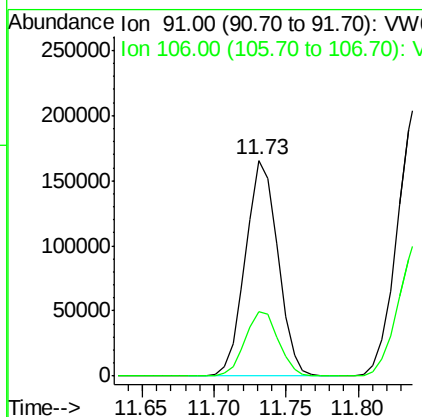
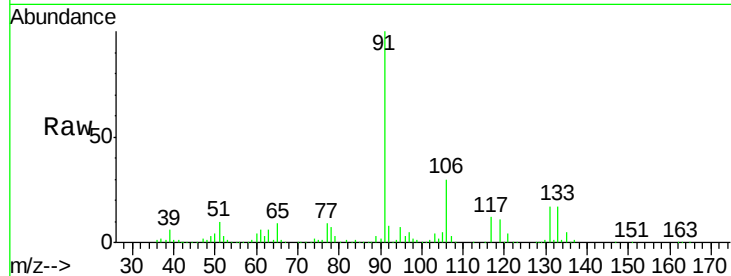
#67
Ethyl Benzene
Concen: 50.828 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 258365
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

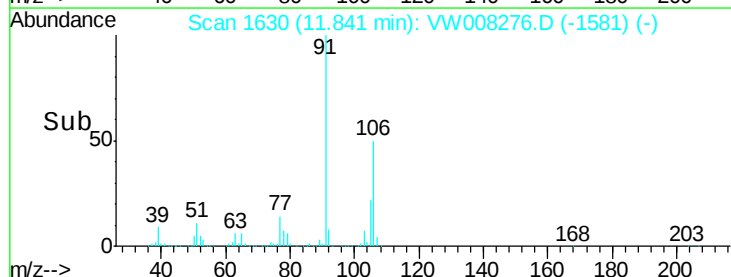
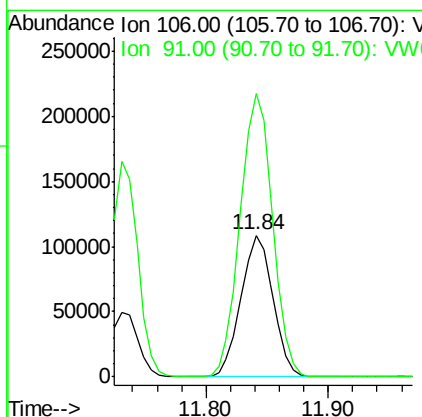
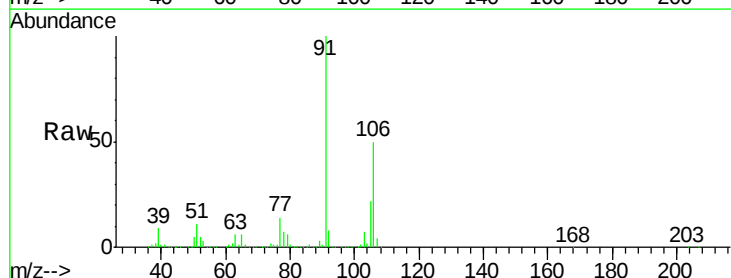
Manual Integrations
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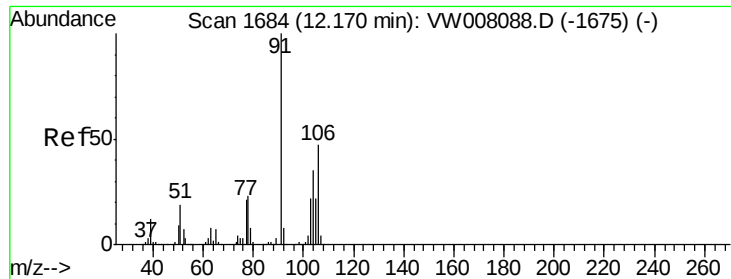
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#68
m/p-Xylenes
Concen: 102.092 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion: 106 Resp: 198075
Ion Ratio Lower Upper
106 100
91 202.5 162.4 243.6





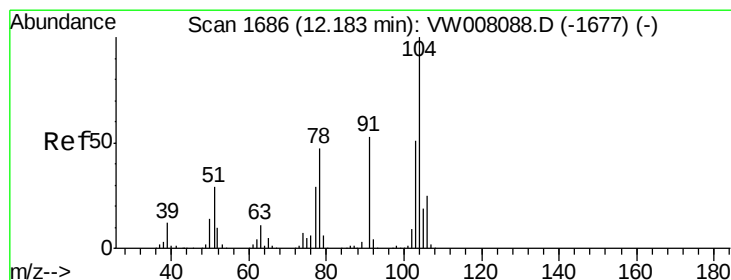
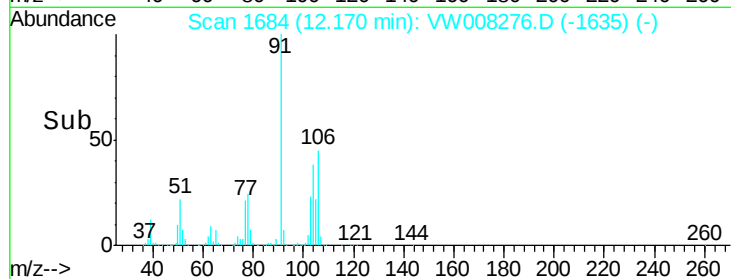
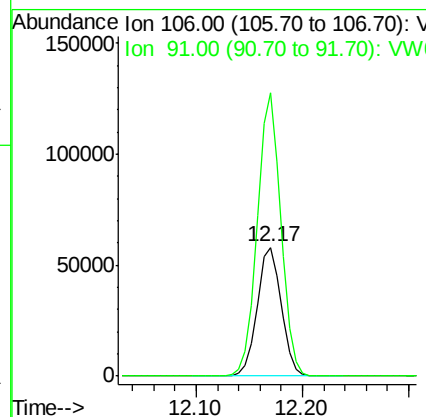
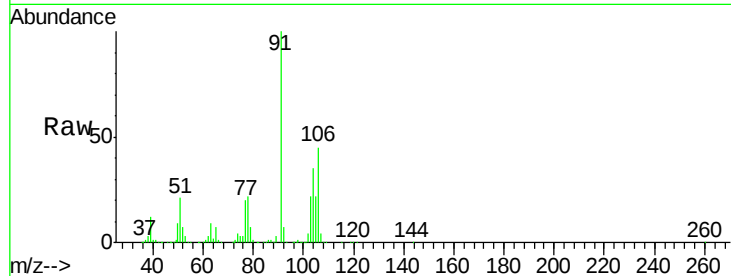
#69
o-Xylene
Concen: 51.201 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.2	107.8	323.6	

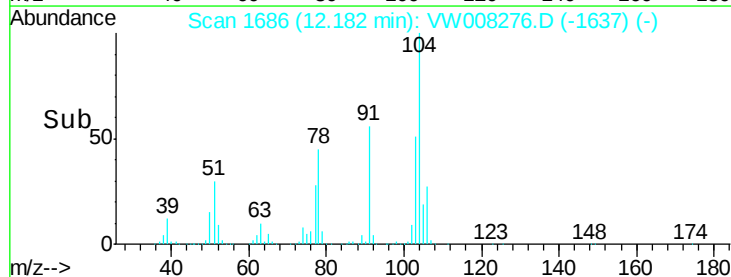
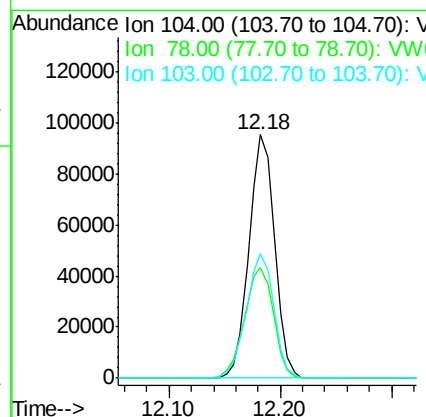
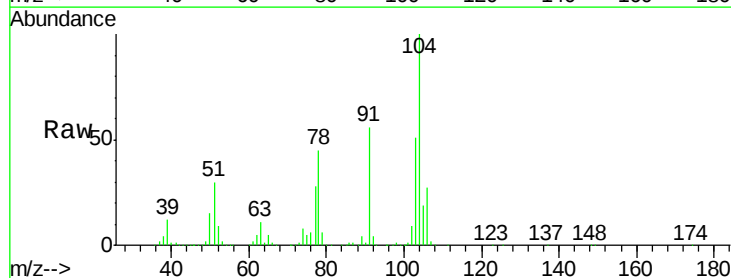
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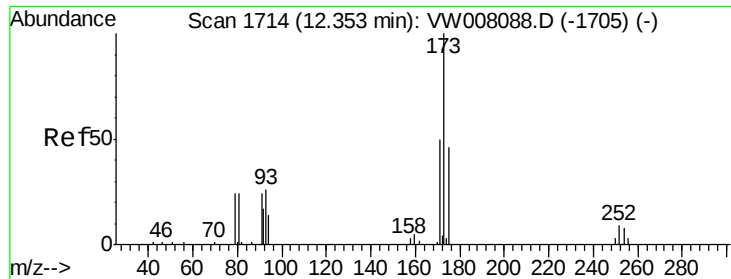
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#70
Styrene
Concen: 54.434 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.1	41.8	62.8	
103	55.0	43.8	65.8	





#71

Bromoform

Concen: 59.336 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

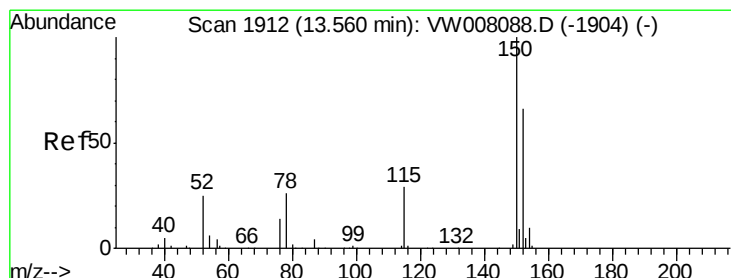
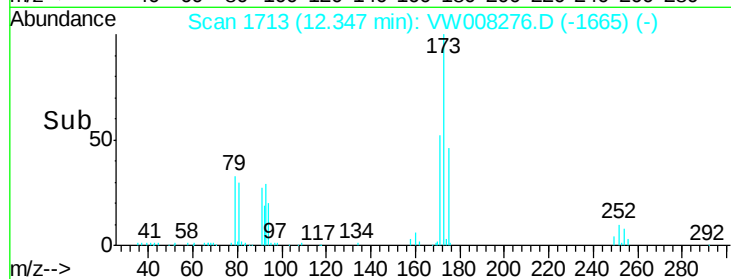
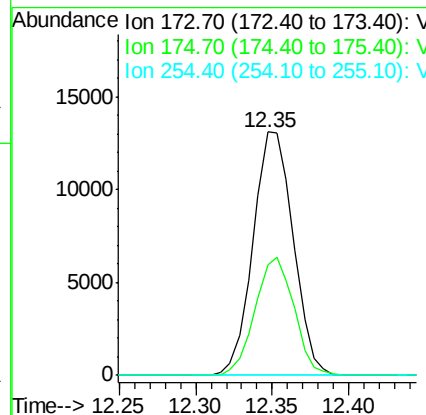
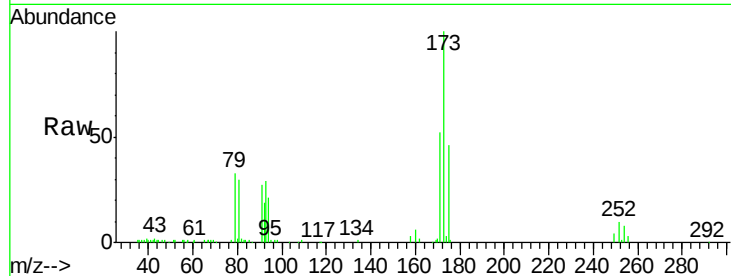
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	23995
Ion Ratio	Lower	Upper	
173	100		
175	46.8	23.3	69.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

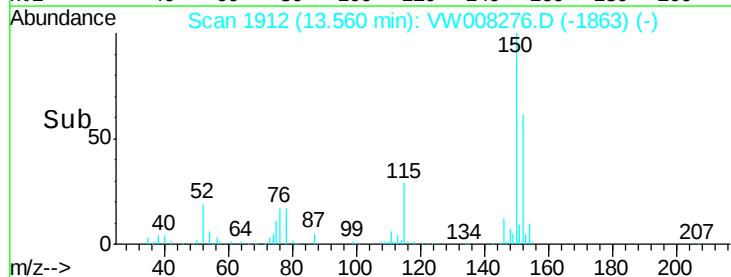
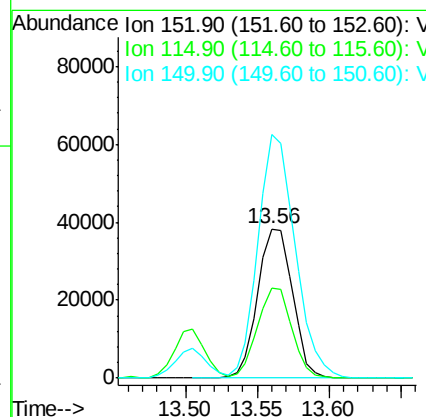
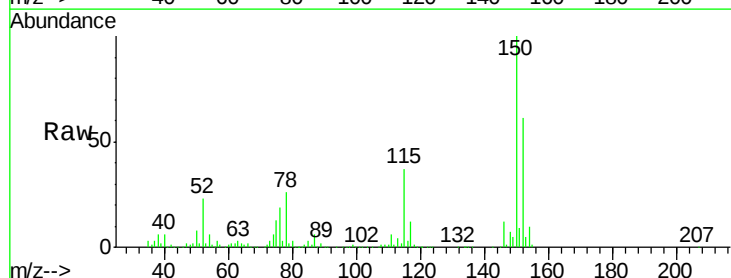
RT: 13.56 min Scan# 1912

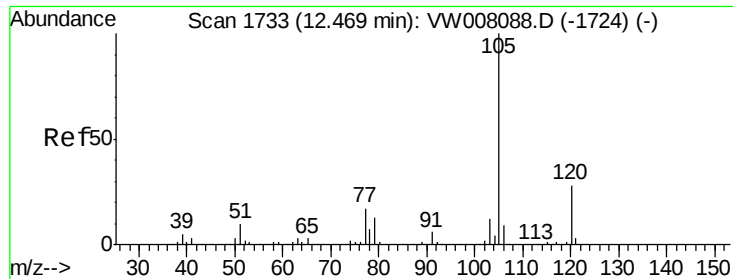
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	152	Resp:	63976
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.8	92.4
150	174.5	0.0	350.2





#73

Isopropylbenzene

Concen: 50.262 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 252452

Ion Ratio Lower Upper

105 100

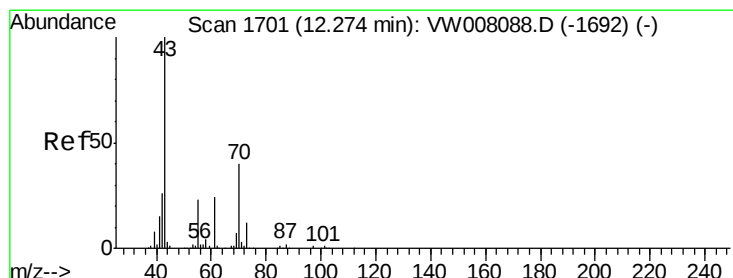
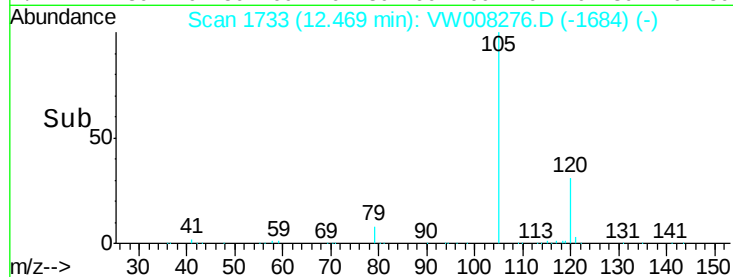
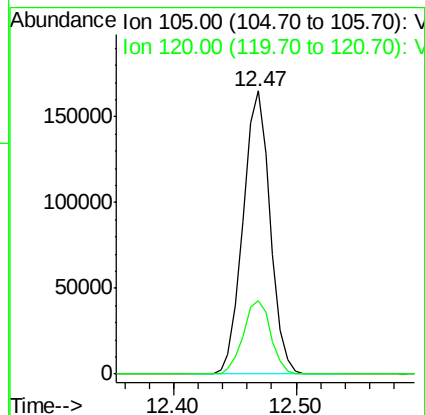
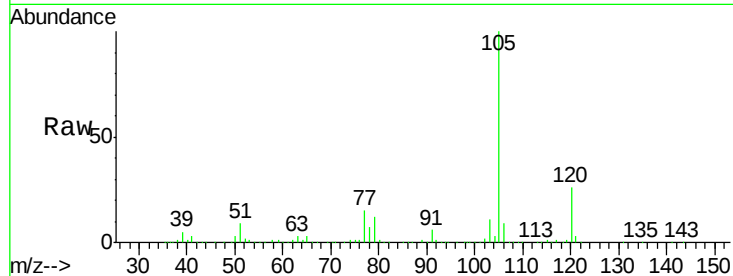
120 26.6 13.6 40.8

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#74

N-ethyl acetate

Concen: 51.968 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion: 43 Resp: 57804

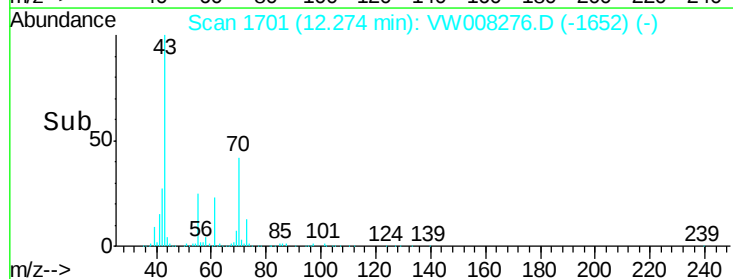
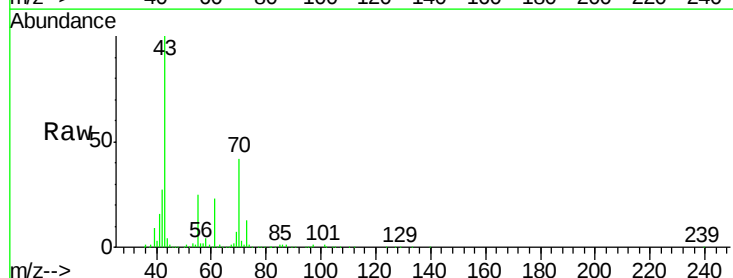
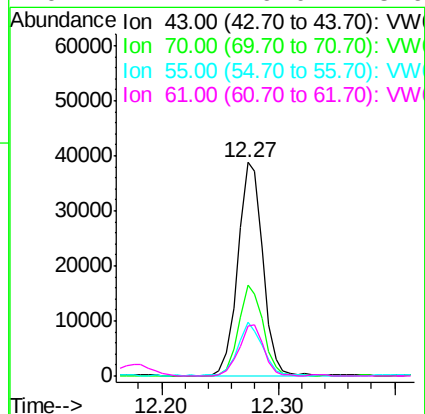
Ion Ratio Lower Upper

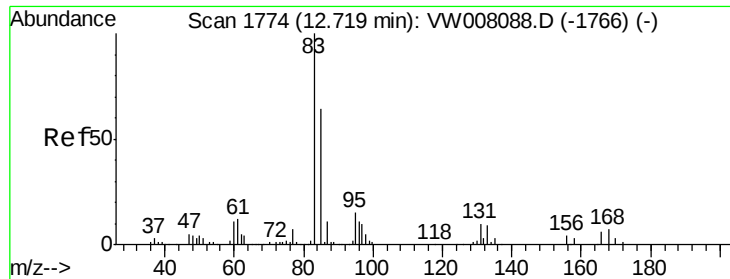
43 100

70 41.9 32.4 48.6

55 24.7 18.7 28.1

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.833 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

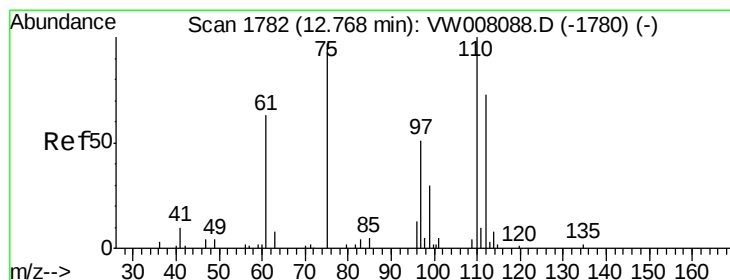
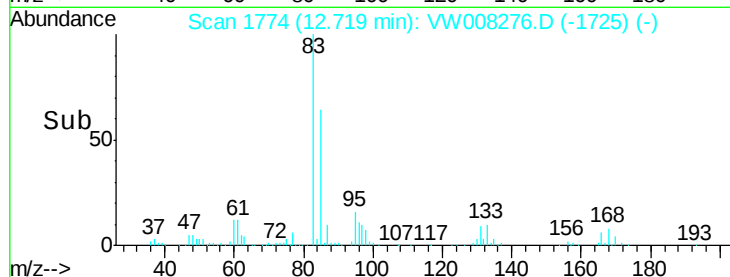
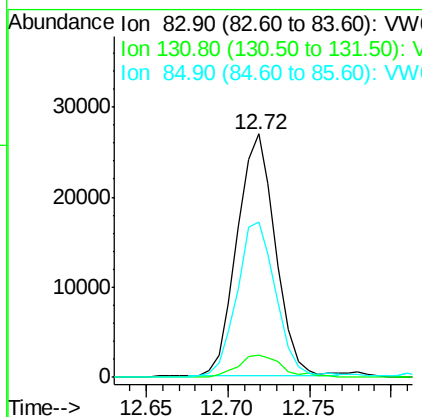
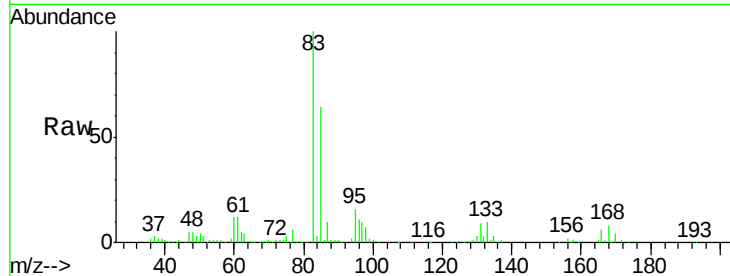
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	44083
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	65.1	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 46.035 ug/l m

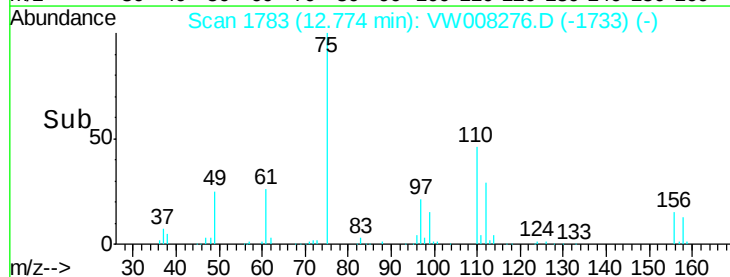
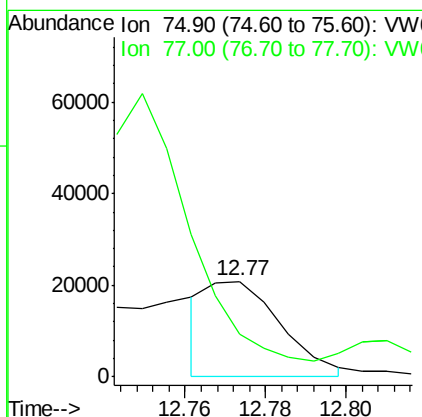
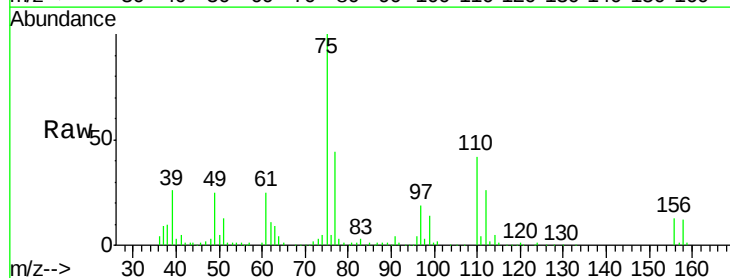
RT: 12.77 min Scan# 1783

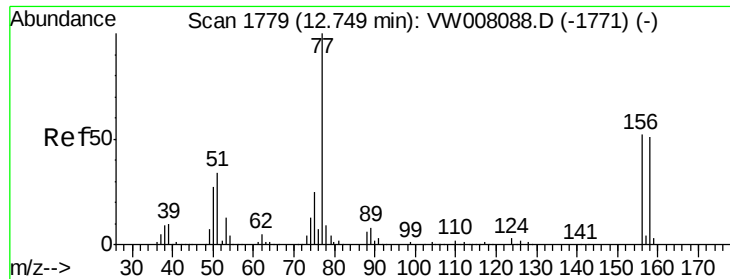
Delta R.T. 0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	75	Resp:	26848
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.4	538.2#





#77

Bromobenzene

Concen: 51.635 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

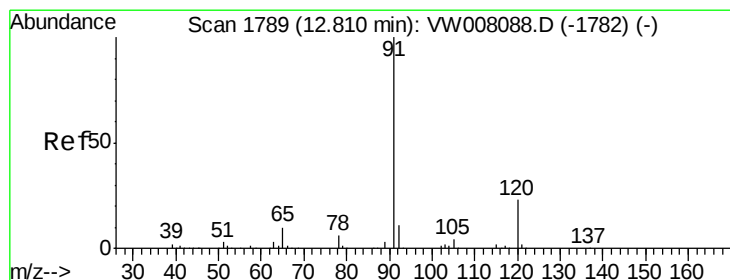
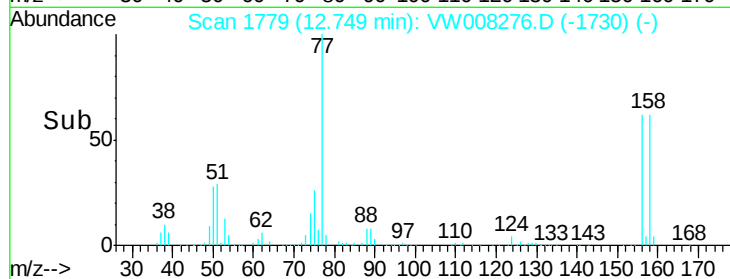
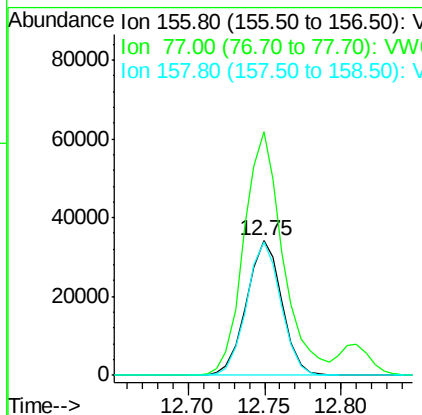
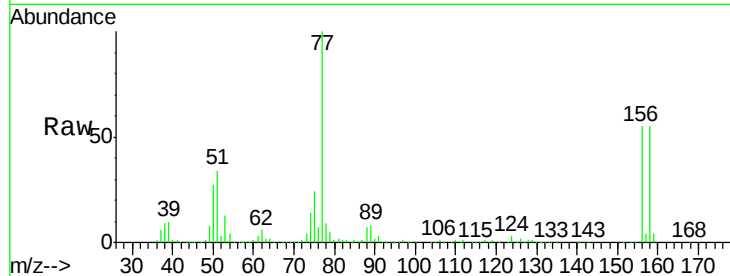
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	199.9	104.2	312.5	
158	96.1	47.9	143.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 49.673 ug/l

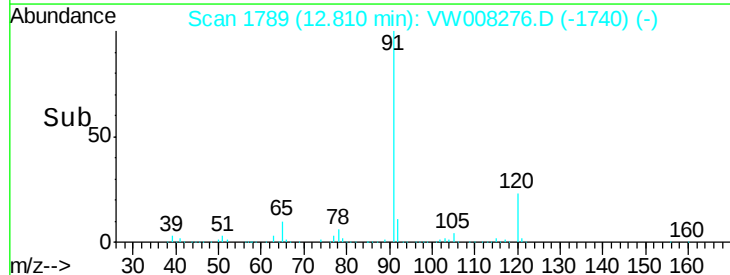
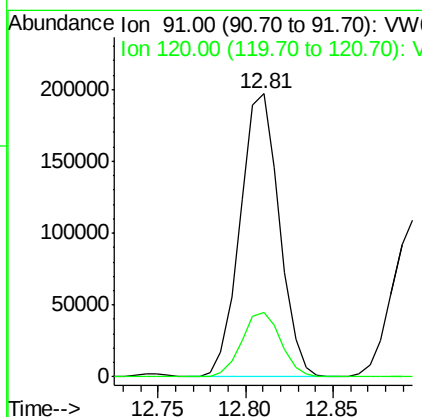
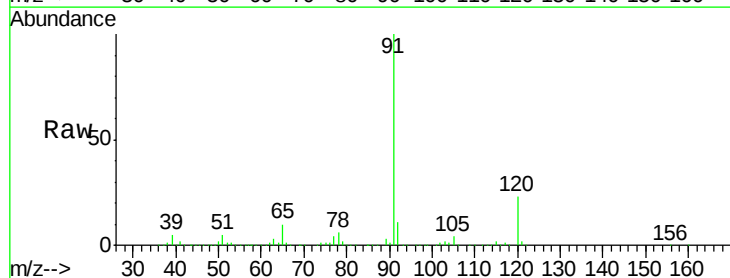
RT: 12.81 min Scan# 1789

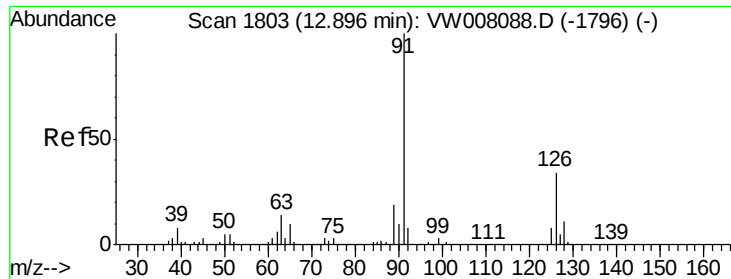
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.3	33.8	





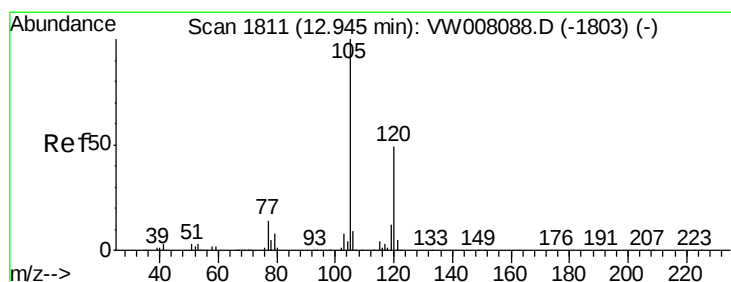
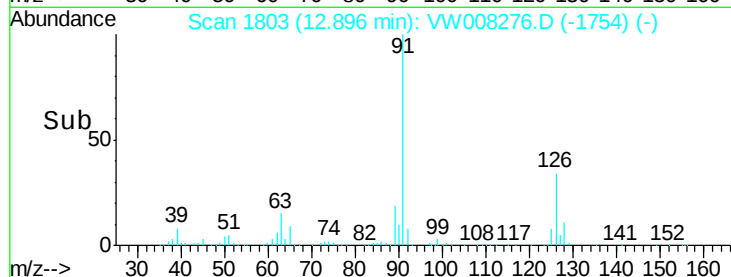
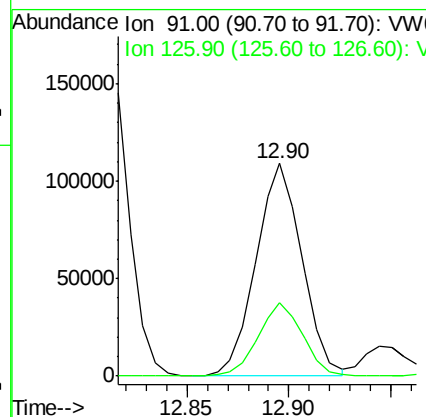
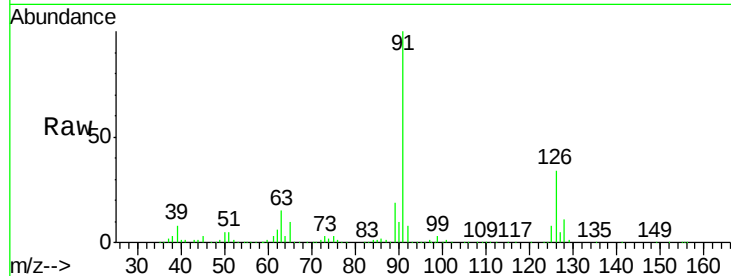
#79
 2-Chlorotoluene
 Concen: 49.706 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 170664
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.8 50.3

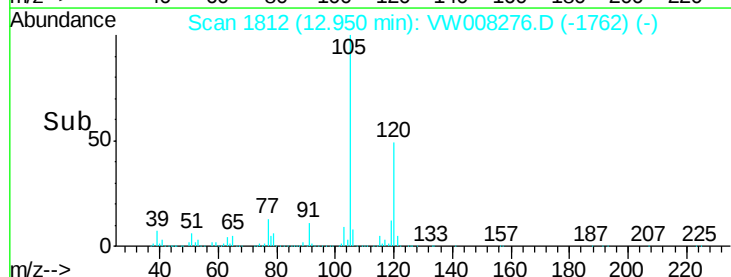
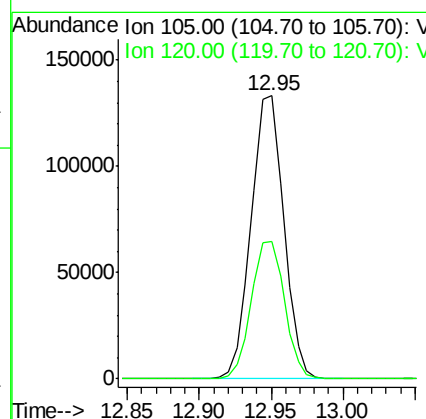
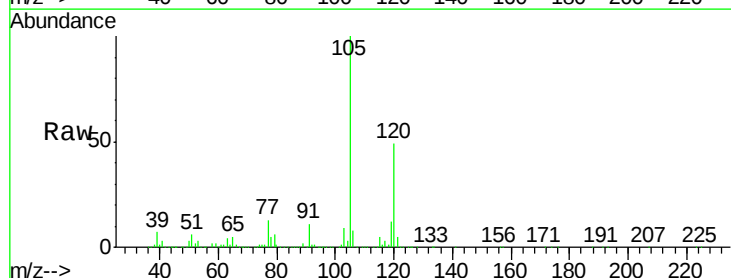
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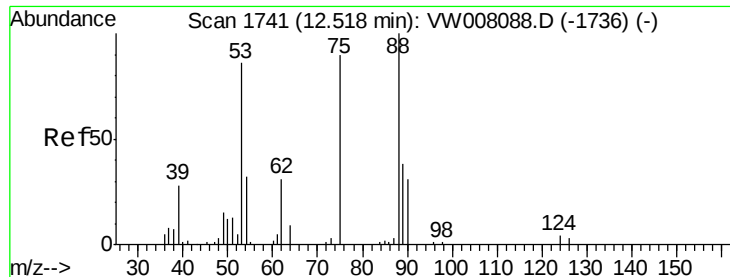
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.574 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion: 105 Resp: 208742
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





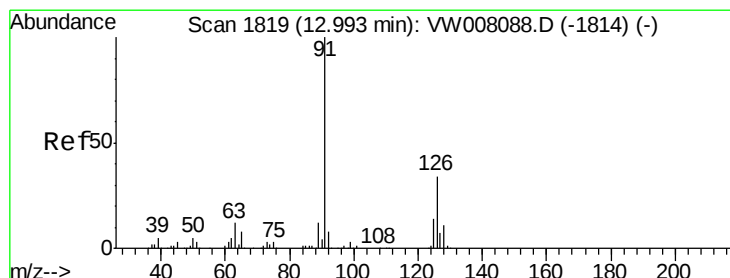
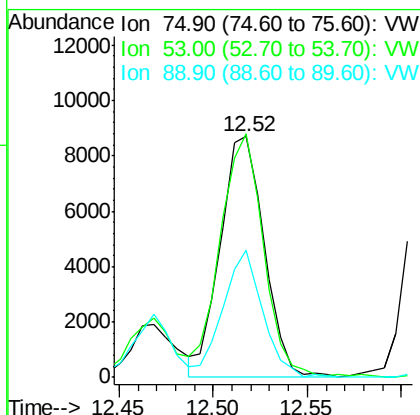
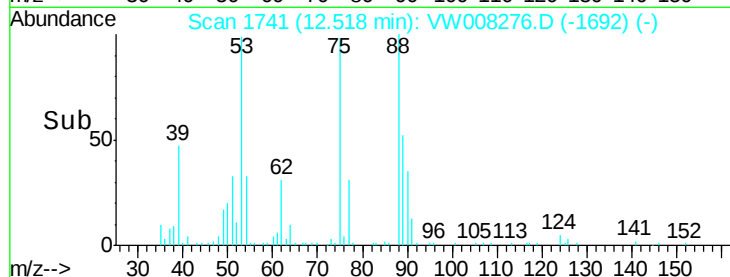
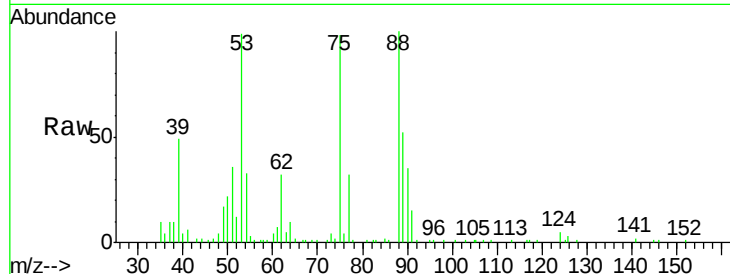
#81
trans-1,4-Dichloro-2-butene
Concen: 56.260 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	78.8	118.2
89	47.9	35.4	53.2

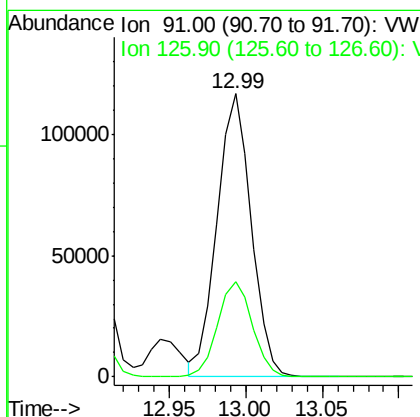
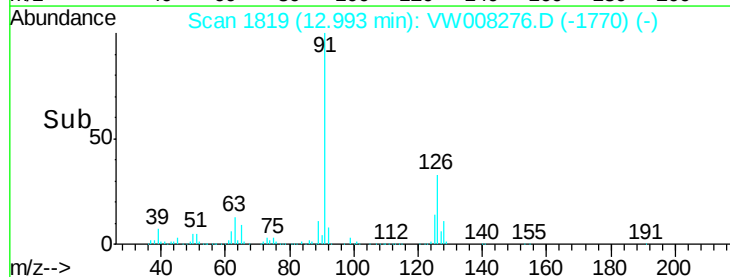
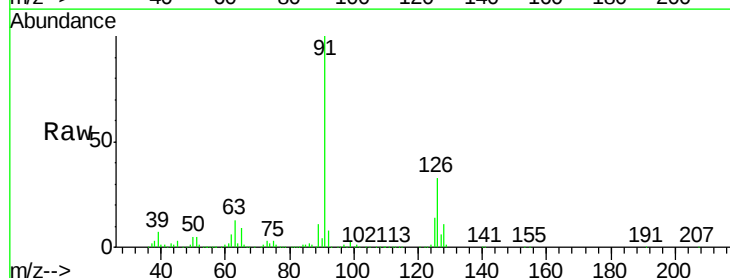
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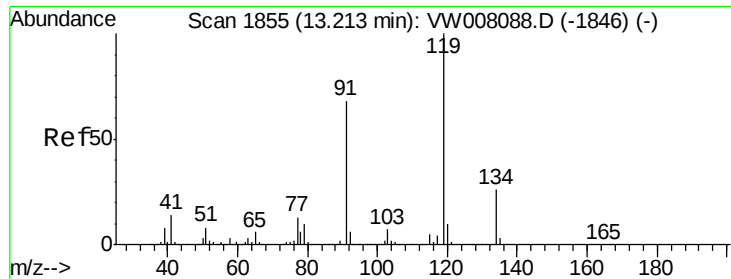
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#82
4-Chlorotoluene
Concen: 49.892 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.5	49.5





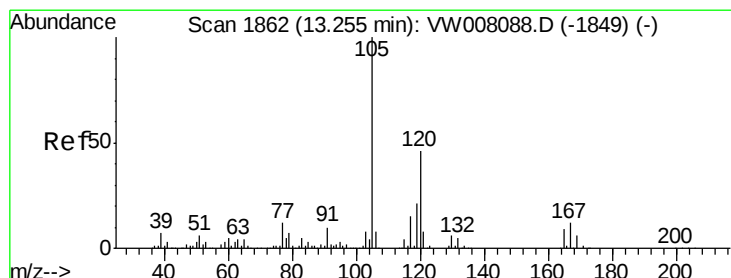
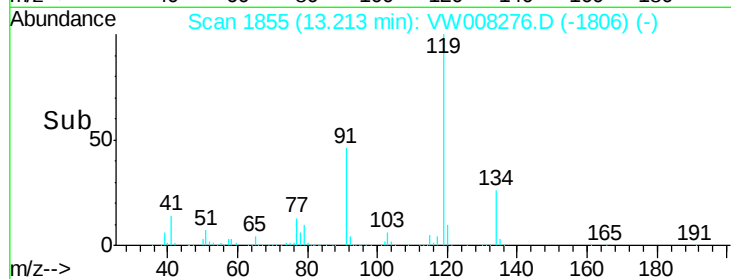
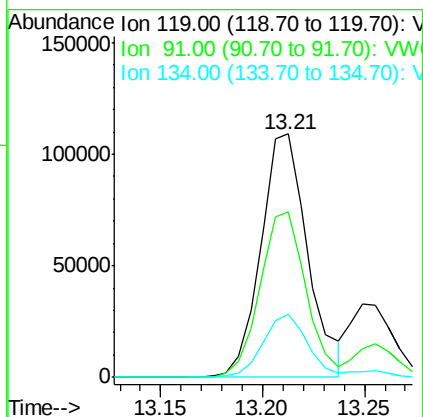
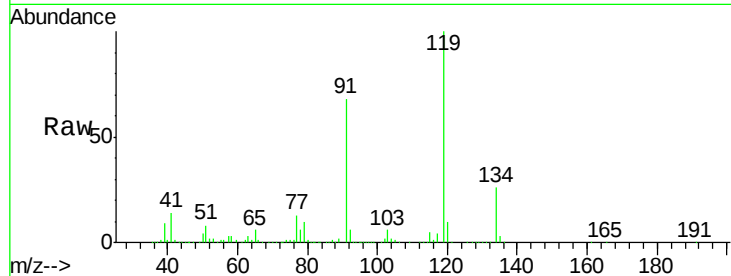
#83
tert-Butylbenzene
Concen: 47.878 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.9	101.6
134	24.8	13.6	40.8

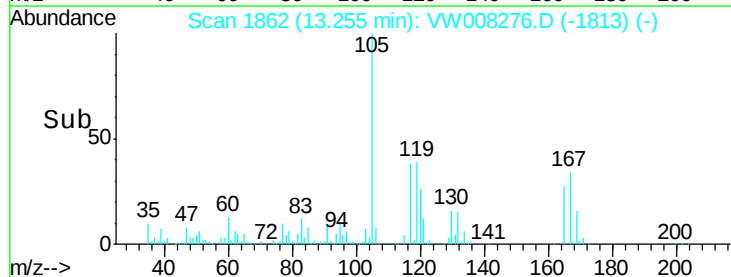
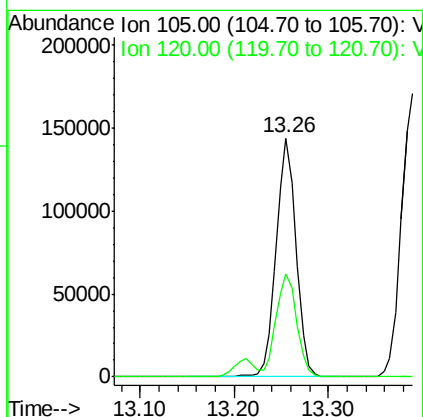
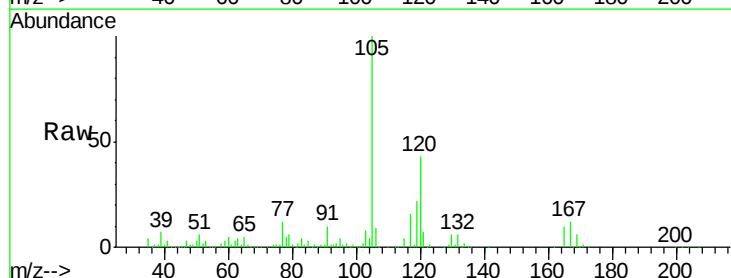
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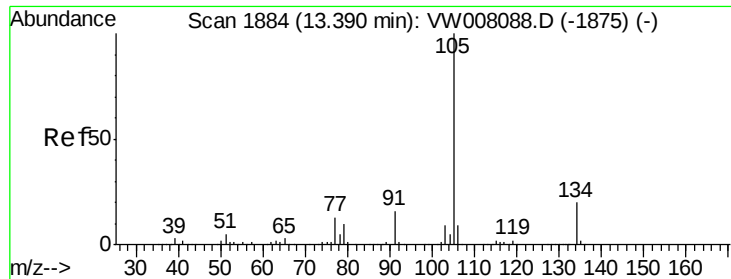
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#84
1,2,4-Trimethylbenzene
Concen: 49.818 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 48.442 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 259115

Ion Ratio Lower Upper

105 100

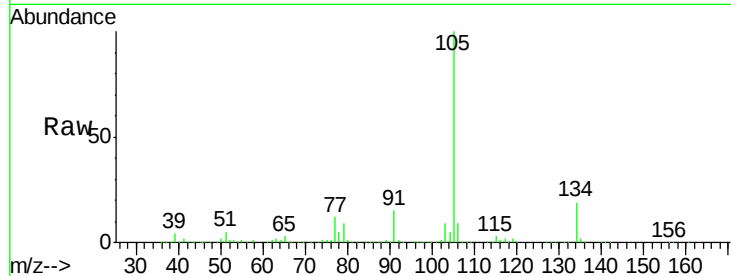
134 20.2 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

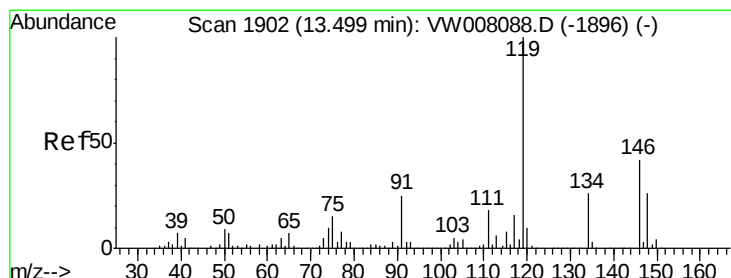
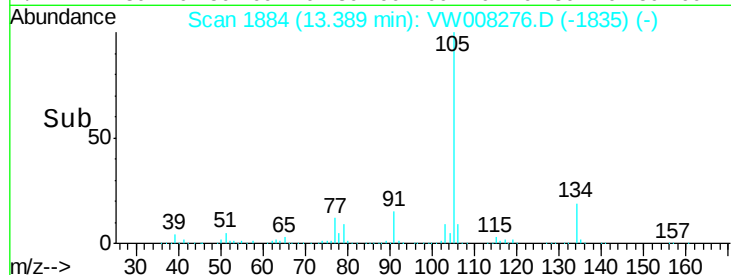
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 50.200 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

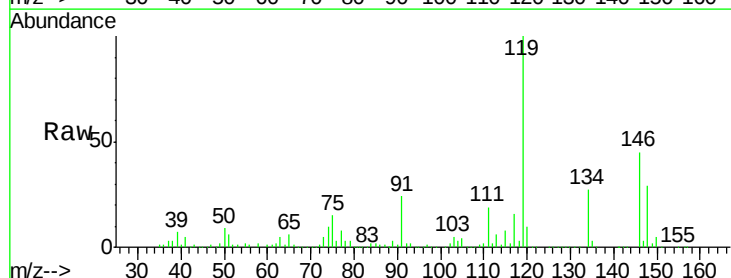
Tgt Ion:119 Resp: 231873

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

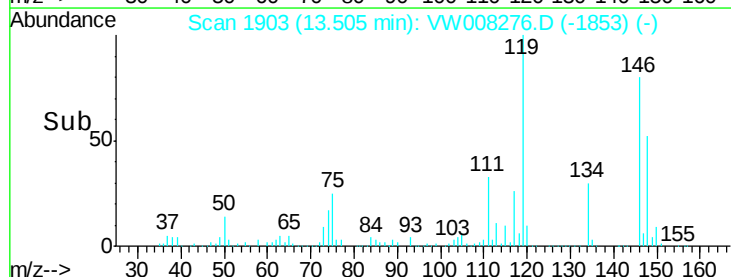
100000

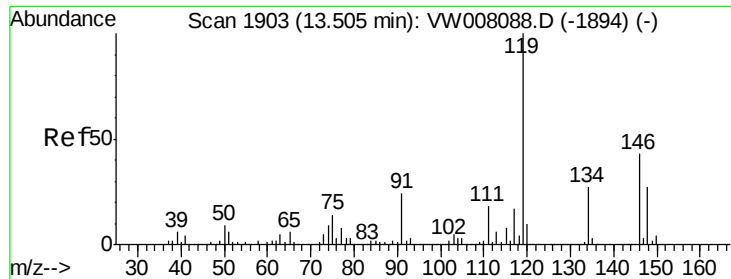
50000

0

13.40 13.50 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.672 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Instrument :

MSVOA_W

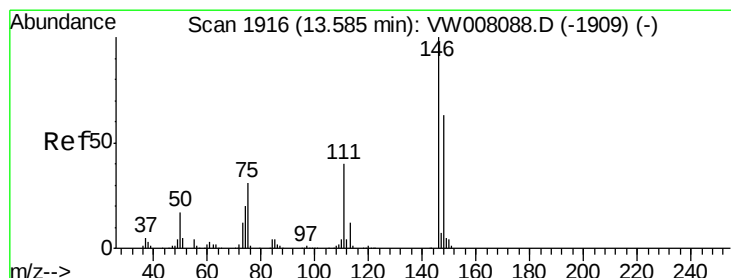
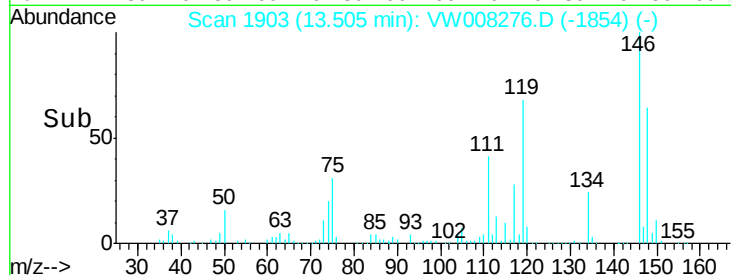
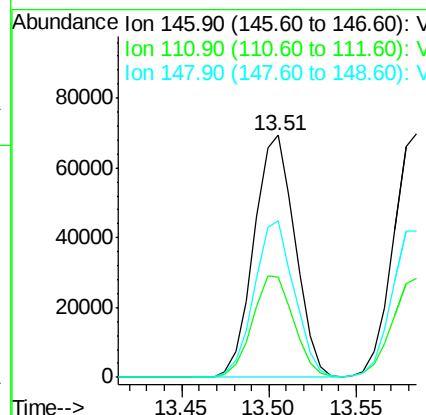
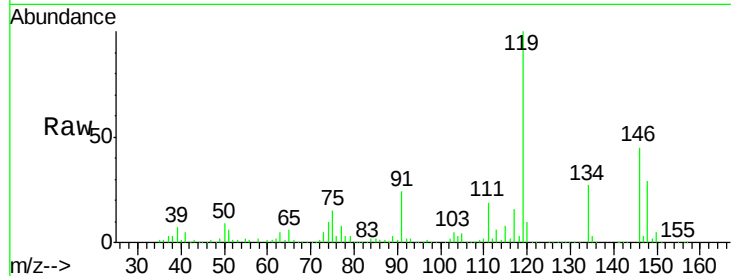
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	113396
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.1	63.1
148	62.9	31.3	93.9

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#88

1,4-Dichlorobenzene

Concen: 51.366 ug/l

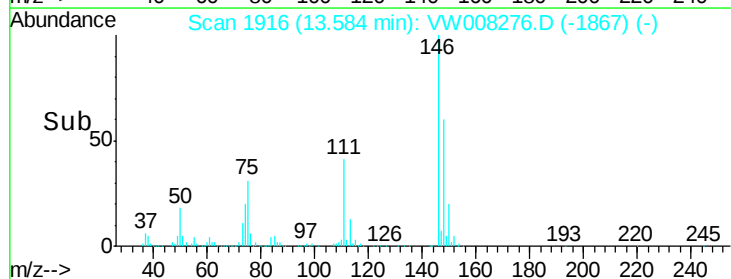
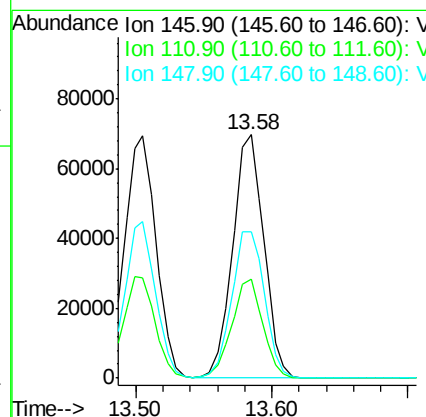
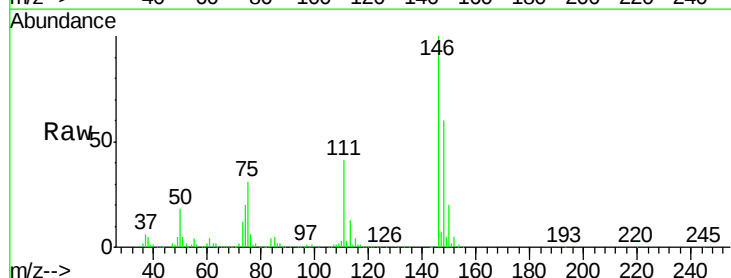
RT: 13.58 min Scan# 1916

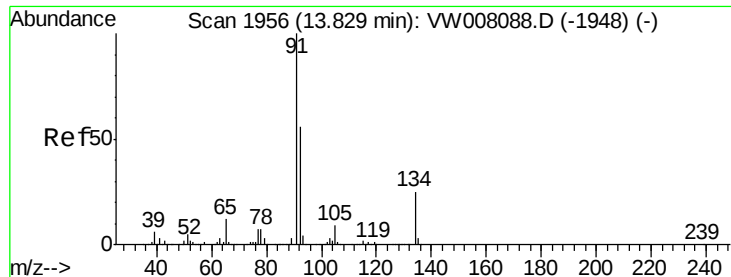
Delta R.T. -0.00 min

Lab File: VW008276.D

Acq: 15 Jan 2019 10:21

Tgt Ion:	146	Resp:	110948
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.5	61.5
148	63.6	31.6	94.8





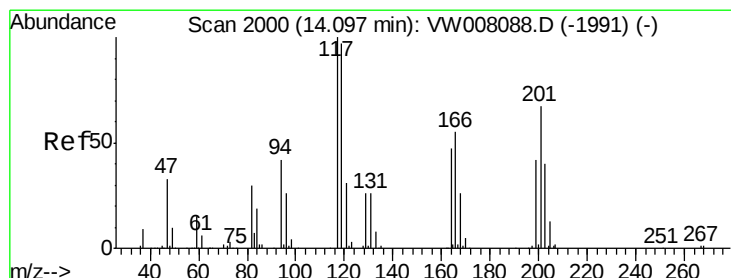
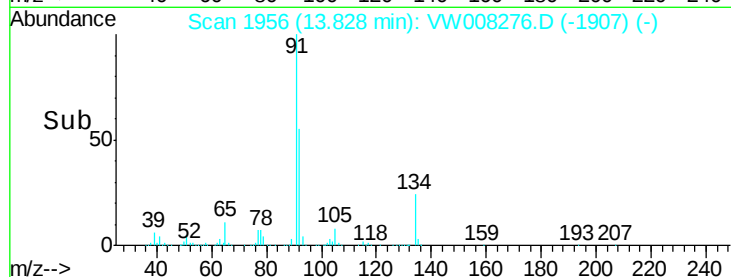
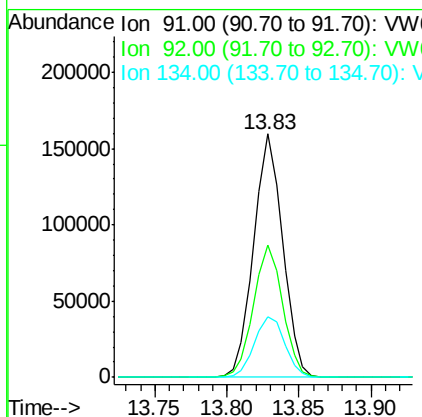
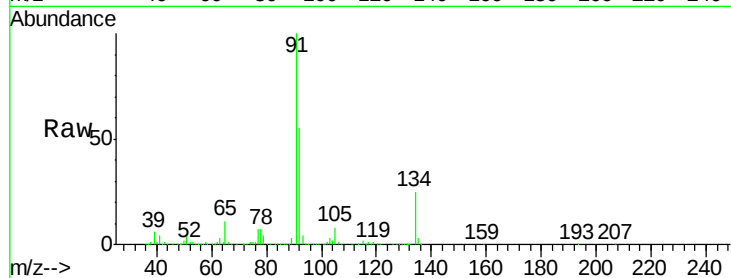
#89
n-Butylbenzene
Concen: 49.063 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.1	12.6	37.8

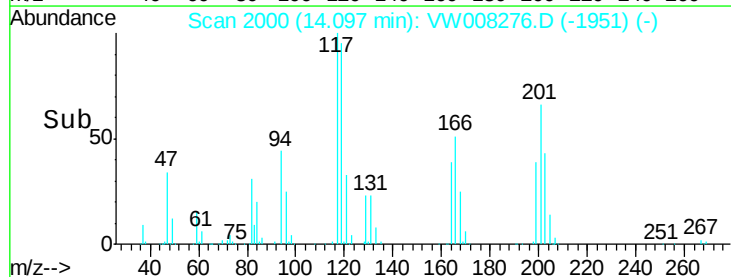
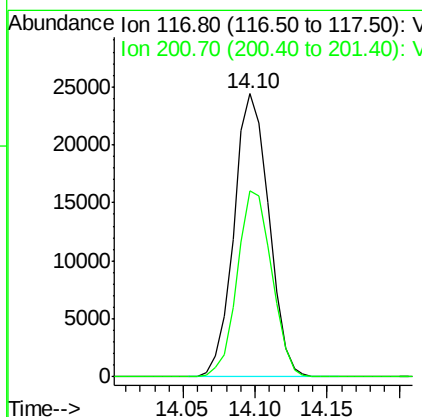
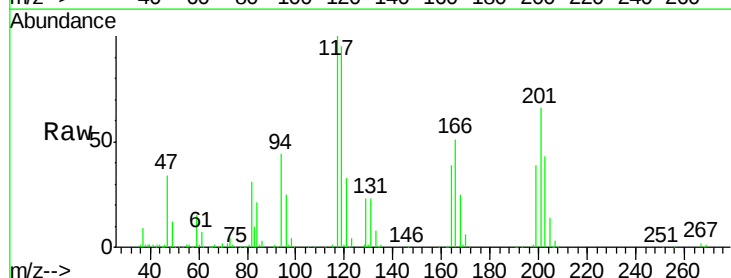
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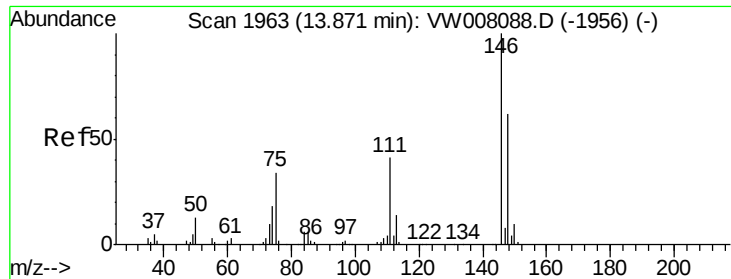
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#90
Hexachloroethane
Concen: 52.912 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.7	33.0	98.9





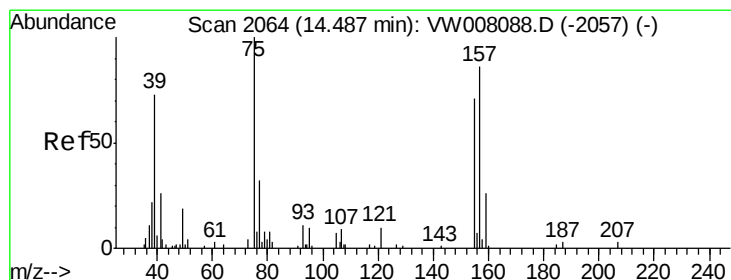
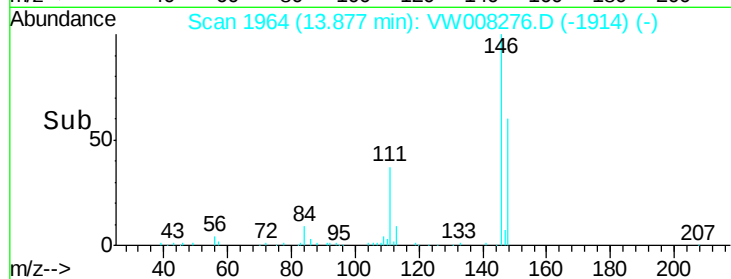
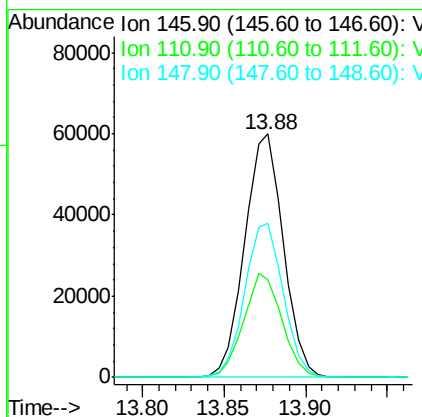
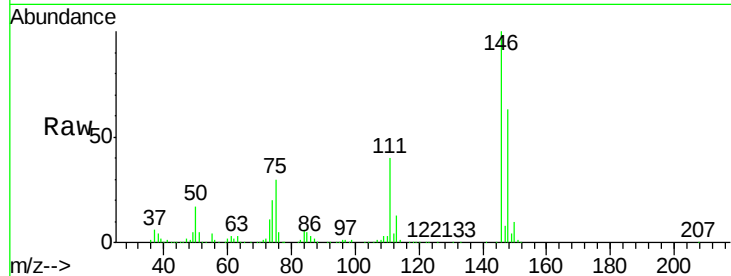
#91
 1,2-Dichlorobenzene
 Concen: 52.244 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	63.1	31.5	94.5

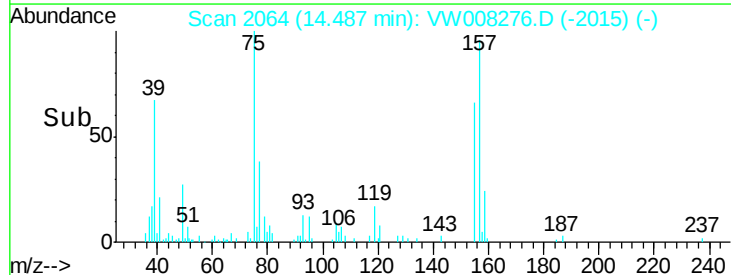
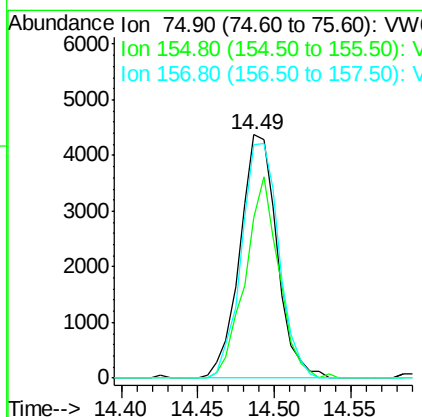
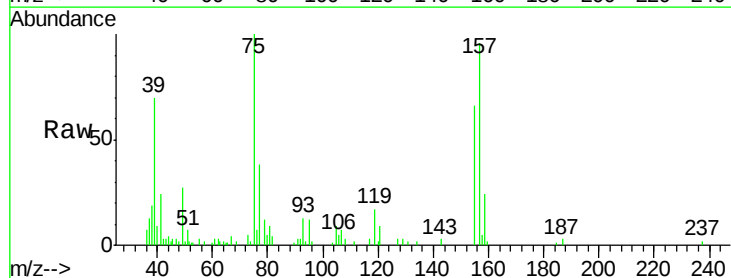
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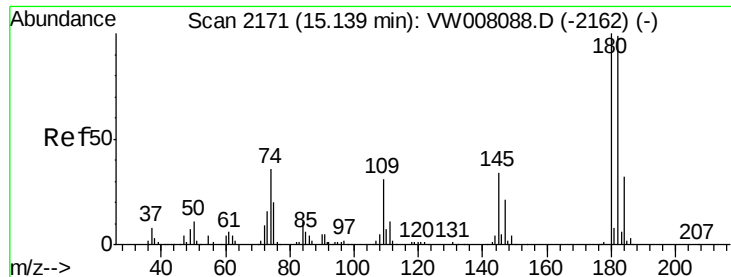
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.916 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.1	38.6	115.7
157	97.6	47.5	142.6





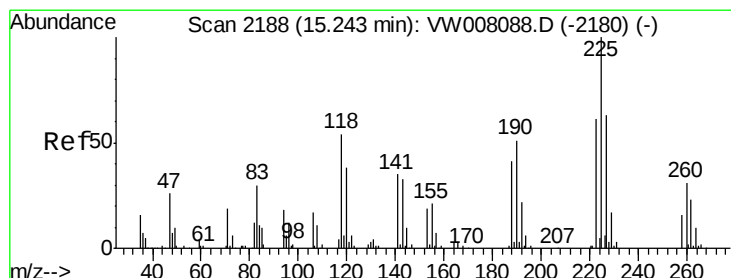
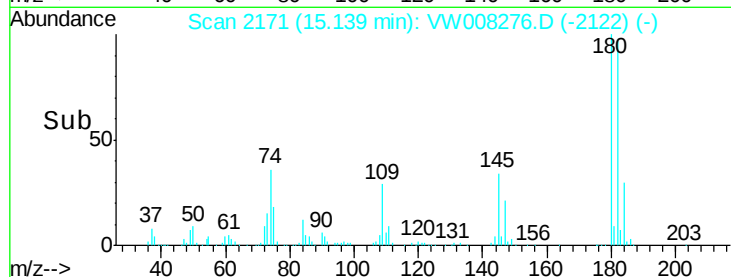
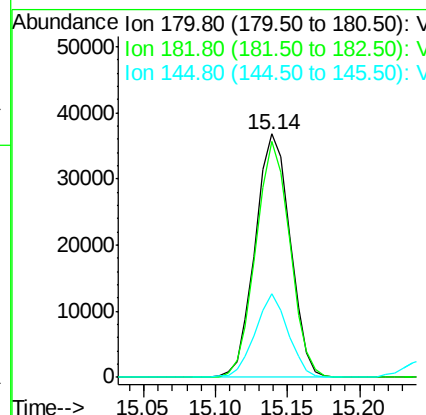
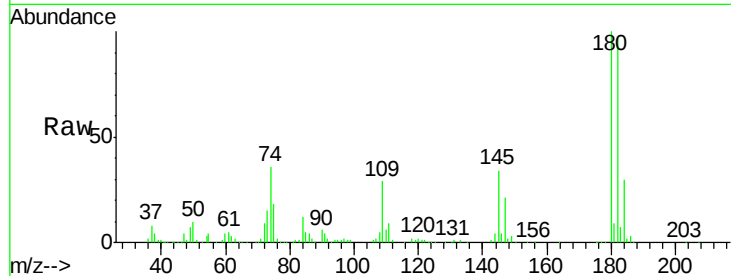
#93
 1,2,4-Trichlorobenzene
 Concen: 49.123 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.6	145.9
145	32.4	16.6	49.7

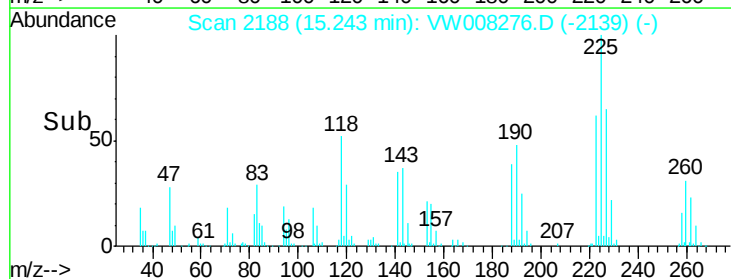
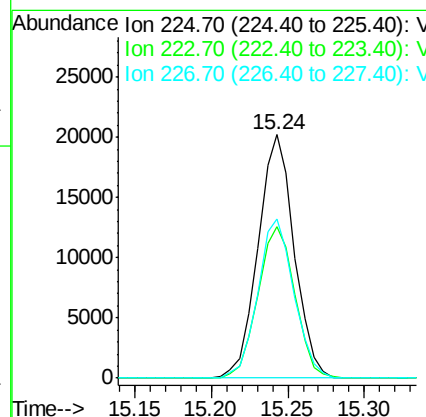
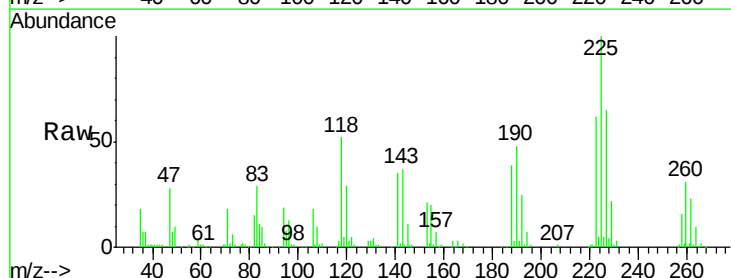
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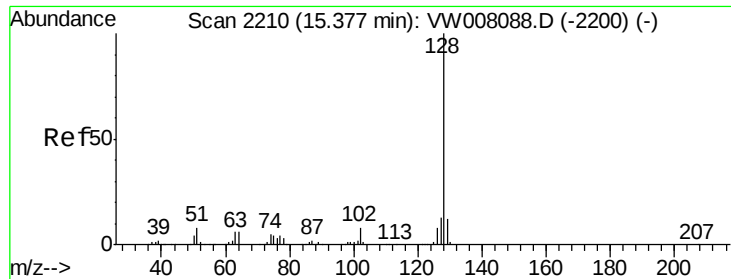
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#94
 Hexachlorobutadiene
 Concen: 49.290 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008276.D
 Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	65.6	32.0	96.2





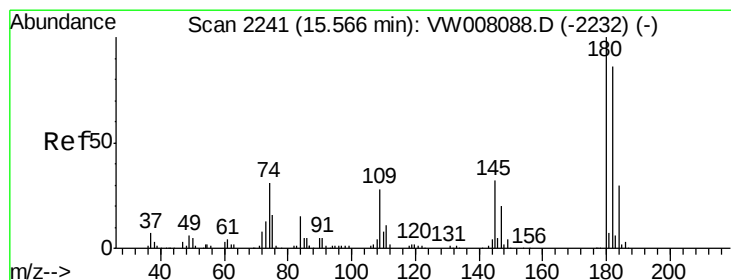
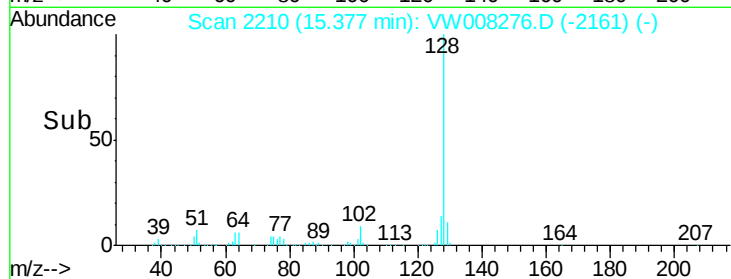
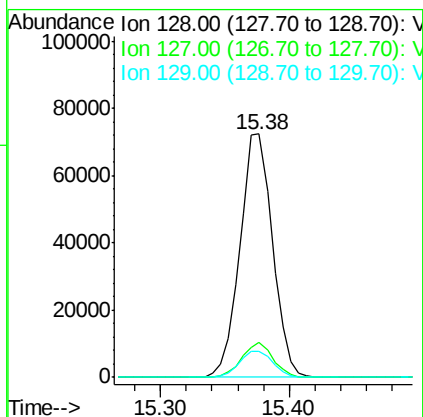
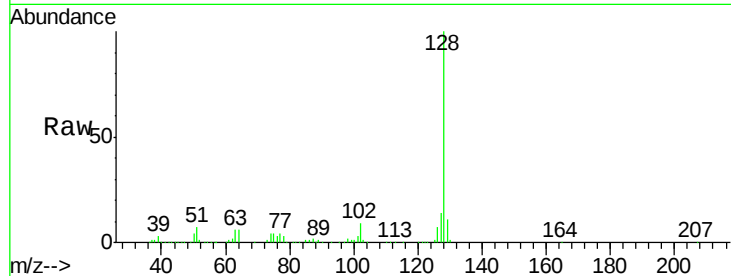
#95
Naphthalene
Concen: 53.938 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	126512		
127	13.9		11.0	16.4
129	11.1		9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.922 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008276.D
Acq: 15 Jan 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54530		
182	95.6		46.5	139.3
145	33.1		17.4	52.2

