

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006492.D
 Acq On : 30 Oct 2018 10:41
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:33 PM

Quant Time: Oct 30 14:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83432	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	
35) Dibromofluoromethane	7.88	113	94384	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.32	98	354740	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.62	95	132479	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66162	57.596	ug/l	99
3) Chloromethane	2.21	50	75713	51.203	ug/l	98
4) Vinyl Chloride	2.37	62	116678	55.253	ug/l	99
5) Bromomethane	2.79	94	97045	50.526	ug/l	98
6) Chloroethane	2.93	64	84787	56.027	ug/l	96
7) Trichlorofluoromethane	3.26	101	114614	58.262	ug/l	99
8) Diethyl Ether	3.68	74	47906	45.822	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116433	56.477	ug/l	98
10) Methyl Iodide	4.26	142	190084	55.396	ug/l	99
11) Tert butyl alcohol	5.24	59	23686	182.998	ug/l	99
12) 1,1-Dichloroethene	4.03	96	107729	55.543	ug/l	91
13) Acrolein	3.90	56	22010	175.737	ug/l	96
14) Allyl chloride	4.67	41	137714	49.658	ug/l	98
15) Acrylonitrile	5.38	53	84390	225.045	ug/l	100
16) Acetone	4.15	43	105974	296.252	ug/l	97
17) Carbon Disulfide	4.37	76	295934	50.555	ug/l	99
18) Methyl Acetate	4.68	43	41541	42.892	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	138367	46.838	ug/l	98
20) Methylene Chloride	4.91	84	107648	52.959	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	120368	55.599	ug/l	94
22) Diisopropyl ether	6.31	45	273291	49.867	ug/l	99
23) Vinyl Acetate	6.26	43	737483	228.021	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192903	54.550	ug/l	99
25) 2-Butanone	7.18	43	125017	240.460	ug/l	98
26) 2,2-Dichloropropane	7.17	77	133572	53.555	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131300	54.958	ug/l	98
28) Bromochloromethane	7.51	49	70157	51.389	ug/l	90
29) Tetrahydrofuran	7.54	42	65888	206.173	ug/l	97
30) Chloroform	7.68	83	211573	54.914	ug/l	99
31) Cyclohexane	7.95	56	176495	50.118	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	191414	55.076	ug/l	98
36) 1,1-Dichloropropene	8.08	75	168877	57.602	ug/l	99
37) Ethyl Acetate	7.26	43	48365	44.401	ug/l	99
38) Carbon Tetrachloride	8.07	117	186048	57.888	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223639	57.385	ug/l	98
40) Benzene	8.32	78	459921	57.189	ug/l	100
41) Methacrylonitrile	7.49	41	31356	47.751	ug/l	98
42) 1,2-Dichloroethane	8.40	62	124116	52.530	ug/l	98
43) Isopropyl Acetate	8.43	43	96893	43.505	ug/l	96
44) Trichloroethene	9.09	130	143779	58.274	ug/l	98
45) 1,2-Dichloropropane	9.37	63	107150	55.679	ug/l	100
46) Dibromomethane	9.46	93	57741	52.644	ug/l	97
47) Bromodichloromethane	9.65	83	145398	54.677	ug/l	99
48) Methyl methacrylate	9.44	41	47042	44.560	ug/l	94
49) 1,4-Dioxane	9.49	88	17446	1033.208	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	248472	222.666	ug/l	98
52) Toluene	10.39	92	311383	57.753	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	139409	52.619	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	167678	55.144	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	81311	52.975	ug/l	99
56) Ethyl methacrylate	10.65	69	91799	48.786	ug/l	95
57) 1,3-Dichloropropane	10.93	76	133879	52.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	170404	237.002	ug/l	99
59) 2-Hexanone	10.97	43	192359	241.486	ug/l	97
60) Dibromochloromethane	11.13	129	101734	53.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81450	53.109	ug/l	100
64) Tetrachloroethene	10.87	164	131889	59.111	ug/l	96
65) Chlorobenzene	11.66	112	360754	58.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125722	57.498	ug/l	99
67) Ethyl Benzene	11.73	91	627040	58.806	ug/l	100
68) m/p-Xylenes	11.84	106	500114	118.665	ug/l	98
69) o-Xylene	12.17	106	233305	58.086	ug/l	97
70) Styrene	12.18	104	380753	58.296	ug/l	99
71) Bromoform	12.35	173	62181	50.985	ug/l #	99
73) Isopropylbenzene	12.47	105	673304	58.743	ug/l	100
74) N-amyl acetate	12.27	43	95910	43.083	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	88733	50.900	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53366m	43.065	ug/l	
77) Bromobenzene	12.75	156	161354	57.475	ug/l	96
78) n-propylbenzene	12.81	91	779979	58.492	ug/l	99
79) 2-Chlorotoluene	12.90	91	431968	57.655	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	565444	58.519	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	25228	48.665	ug/l	99
82) 4-Chlorotoluene	12.99	91	453825	57.824	ug/l	99
83) tert-Butylbenzene	13.21	119	512660	59.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	569248	58.220	ug/l	100
85) sec-Butylbenzene	13.39	105	722147	59.128	ug/l	99
86) p-Isopropyltoluene	13.51	119	654042	59.206	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	328943	58.875	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	320590	57.630	ug/l	99
89) n-Butylbenzene	13.83	91	594531	58.848	ug/l	99
90) Hexachloroethane	14.10	117	106400	56.863	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	280829	56.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13669	43.794	ug/l	94

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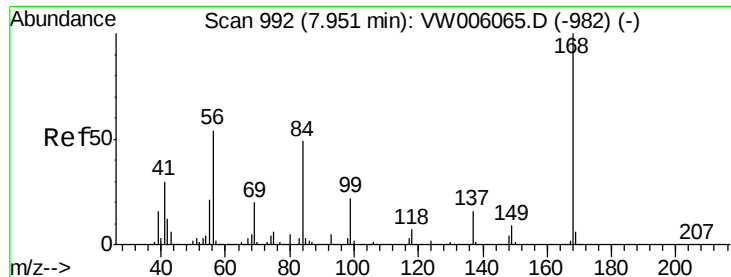
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	209147	54.541	ug/l	99
94) Hexachlorobutadiene	15.24	225	141152	58.596	ug/l	99
95) Naphthalene	15.38	128	300528	47.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	173827	52.408	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 232135

Ion Ratio Lower Upper

168 100

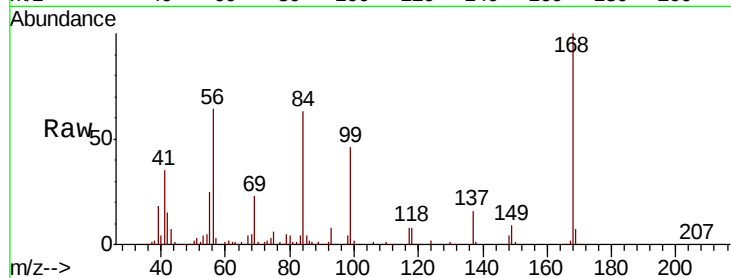
99 45.8 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

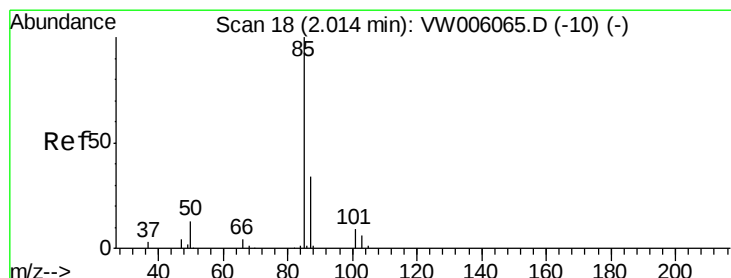
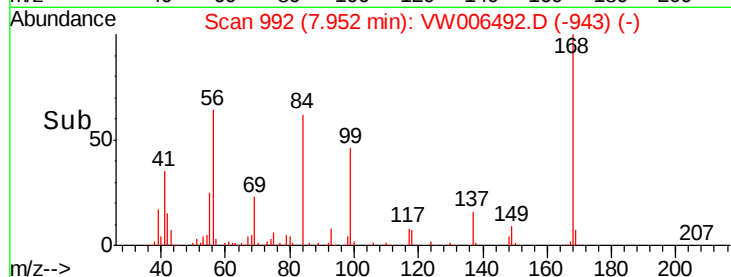
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 57.596 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006492.D

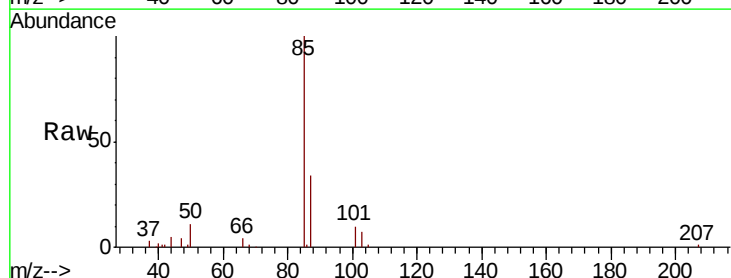
Acq: 30 Oct 2018 10:41

Tgt Ion: 85 Resp: 66162

Ion Ratio Lower Upper

85 100

87 34.1 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

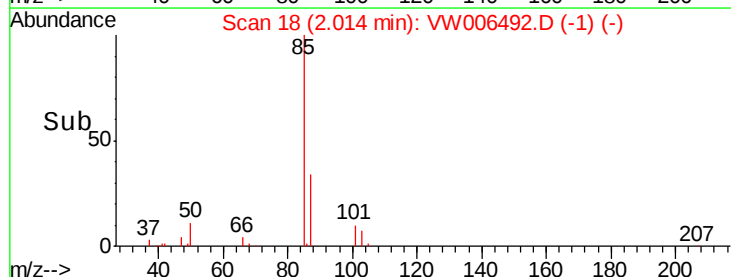
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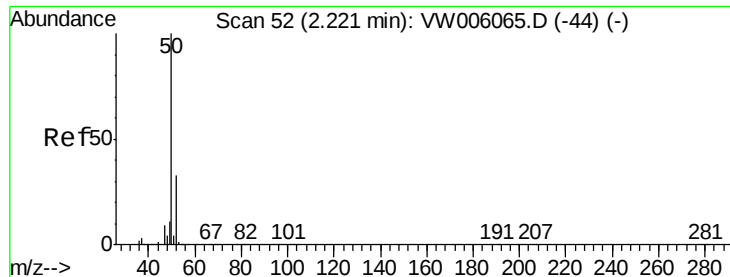
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 51.203 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75713

Ion Ratio Lower Upper

50 100

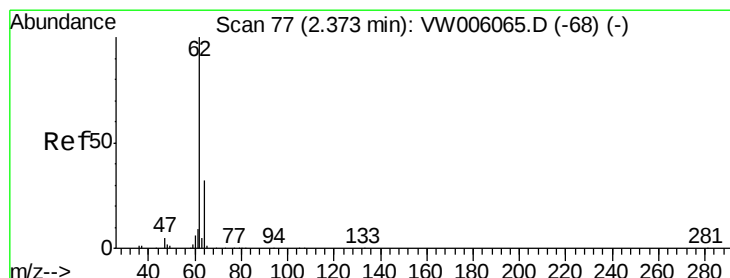
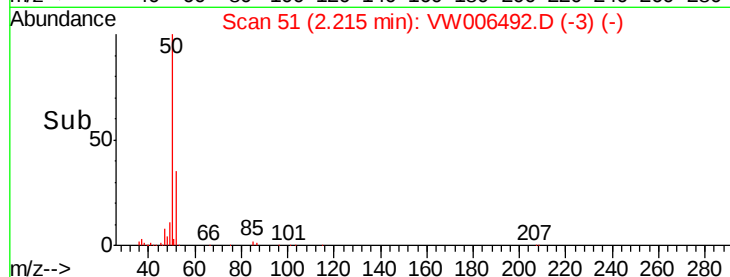
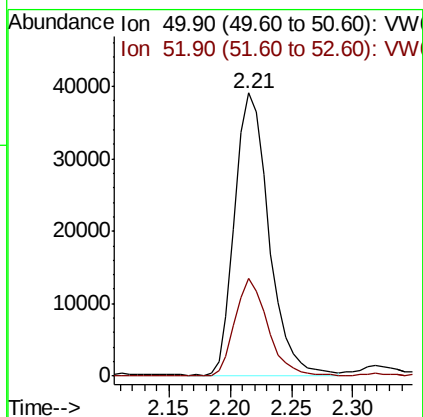
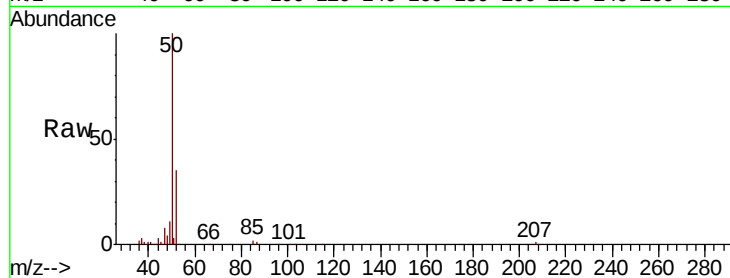
52 34.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.253 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006492.D

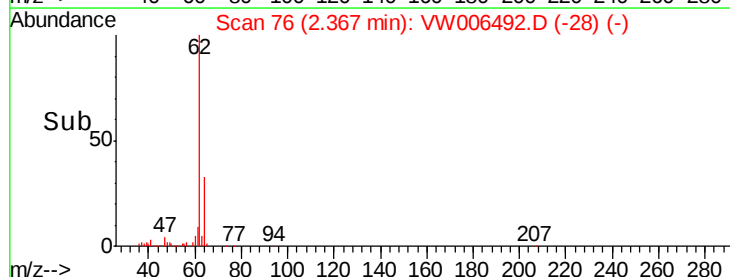
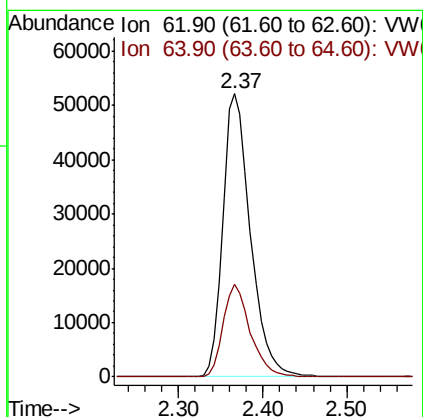
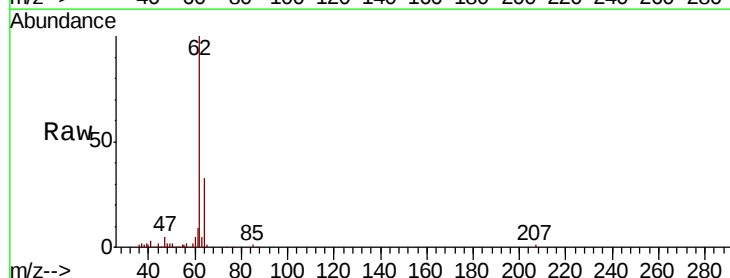
Acq: 30 Oct 2018 10:41

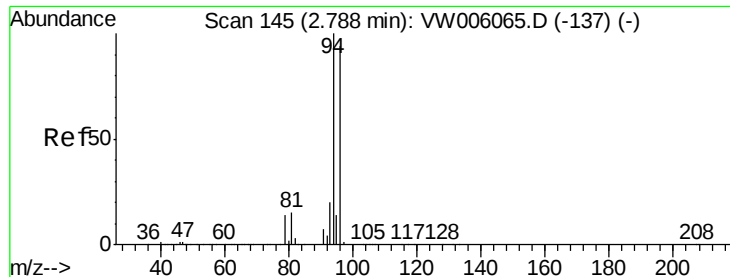
Tgt Ion: 62 Resp: 116678

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 50.526 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 97045

Ion Ratio Lower Upper

94 100

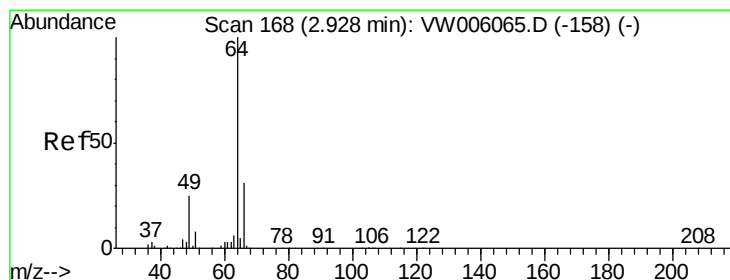
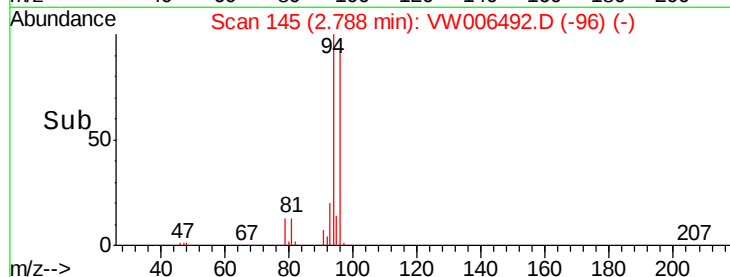
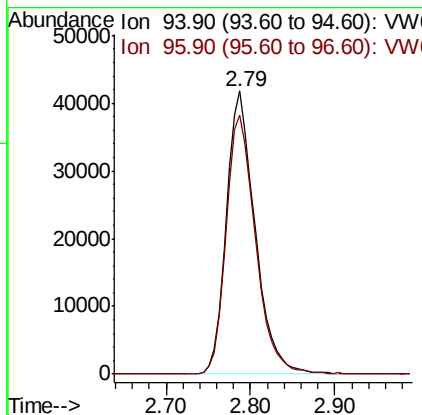
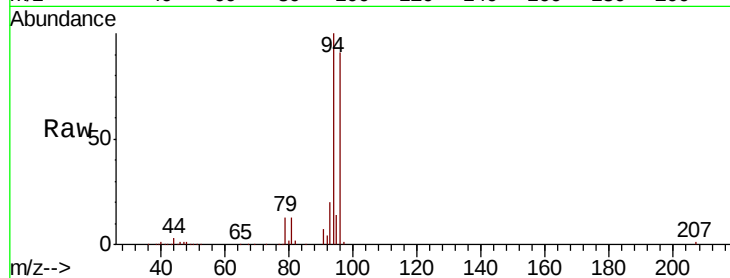
96 91.4 74.9 112.3

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#6

Chloroethane

Concen: 56.027 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006492.D

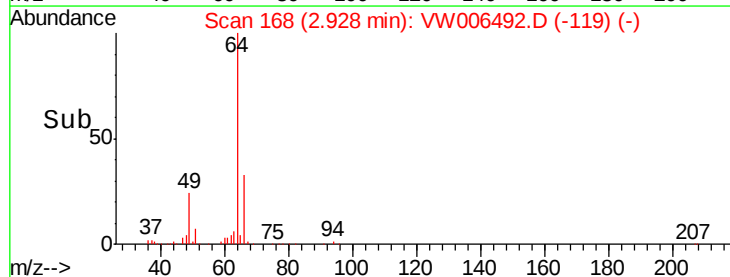
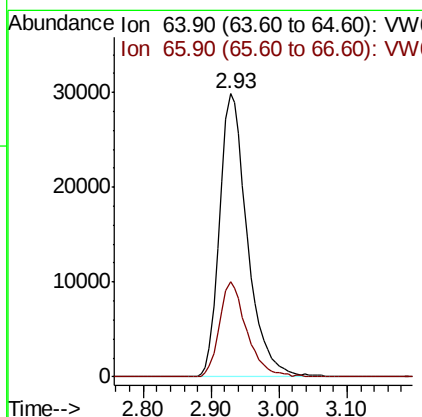
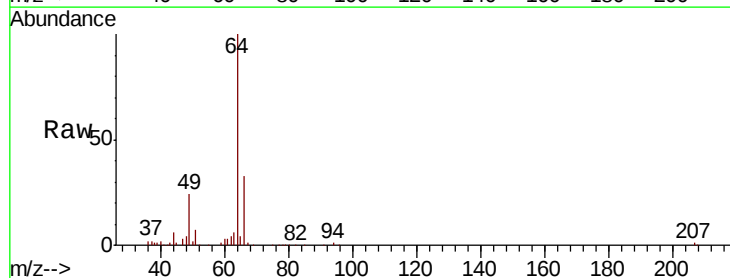
Acq: 30 Oct 2018 10:41

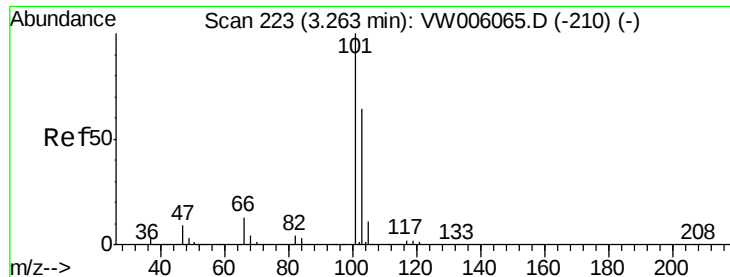
Tgt Ion: 64 Resp: 84787

Ion Ratio Lower Upper

64 100

66 33.5 24.9 37.3





#7

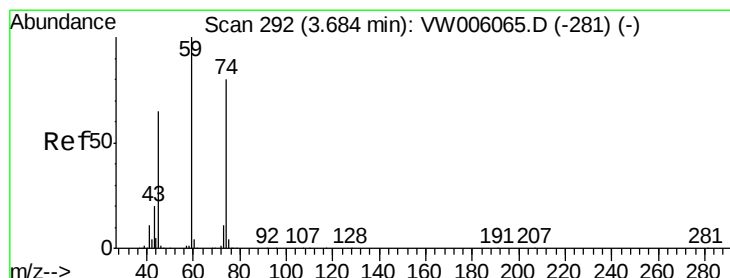
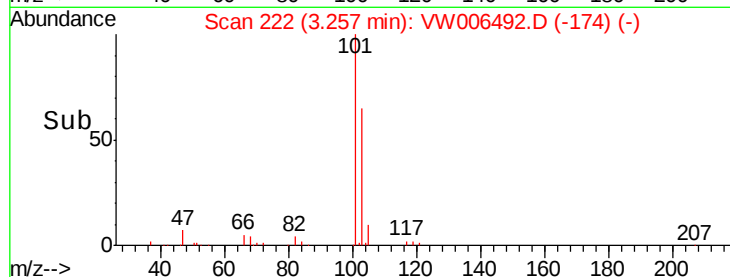
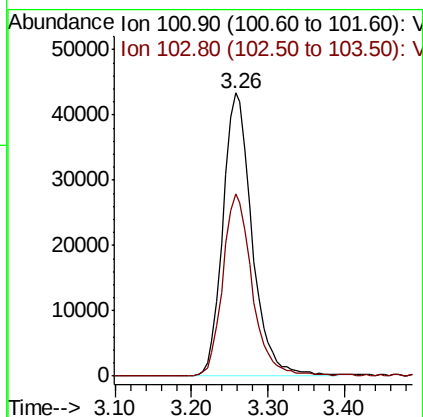
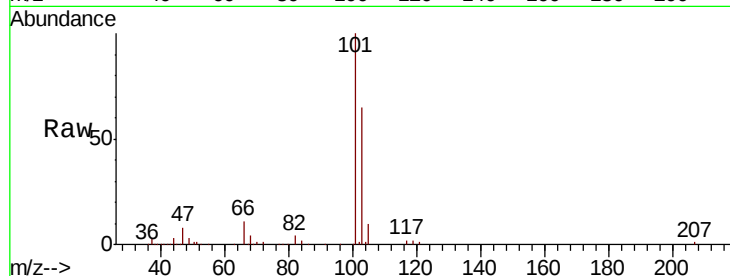
Trichlorofluoromethane
Concen: 58.262 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006492.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		114614		
103	64.6	51.2	76.8		

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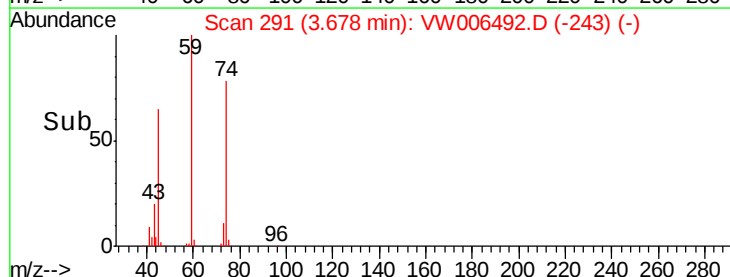
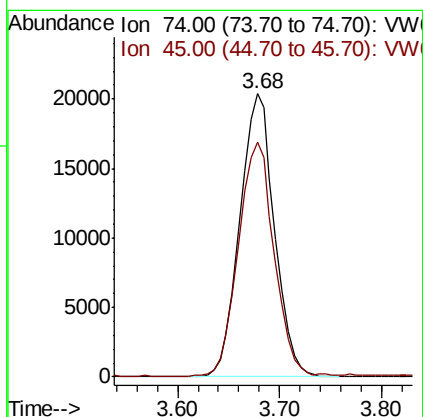
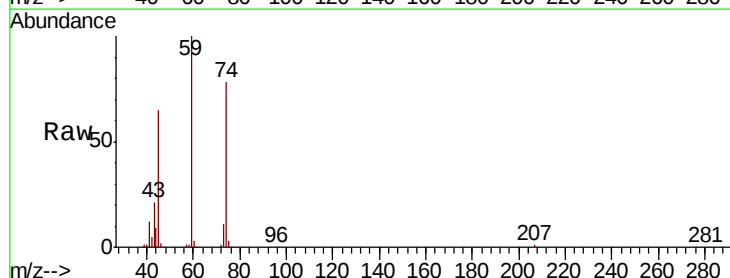
MMDadoda
10/31/2018 12:31:33 PM

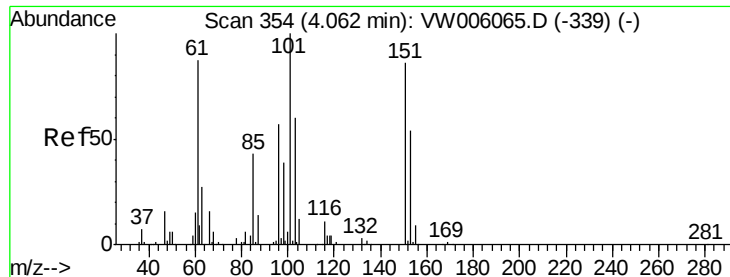


#8

Diethyl Ether
Concen: 45.822 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		47906		
45	86.2	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.477 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006492.D

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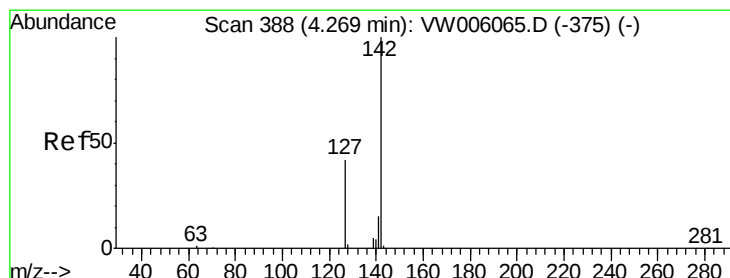
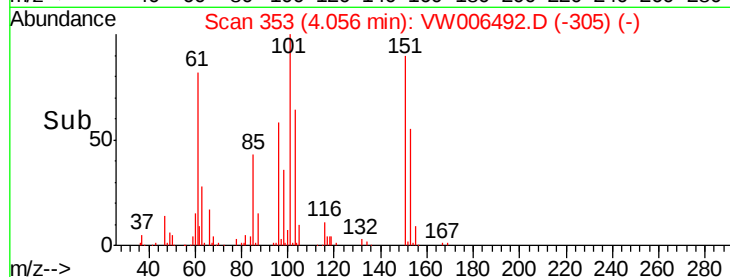
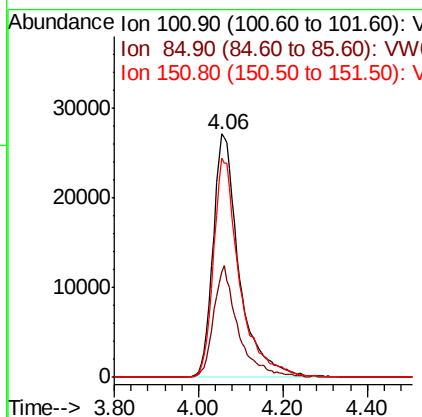
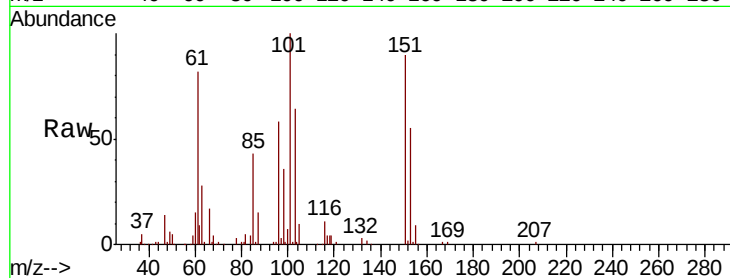
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116433
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.9	52.3
151	89.8	70.4	105.6

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#10

Methyl Iodide

Concen: 55.396 ug/l

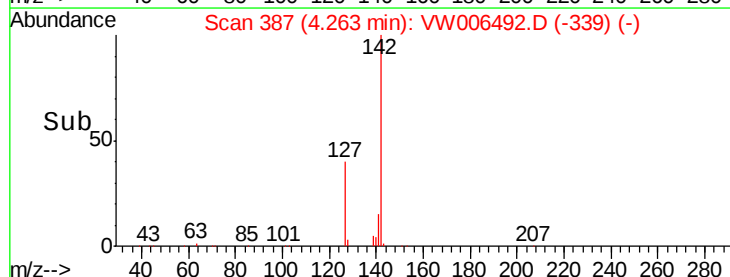
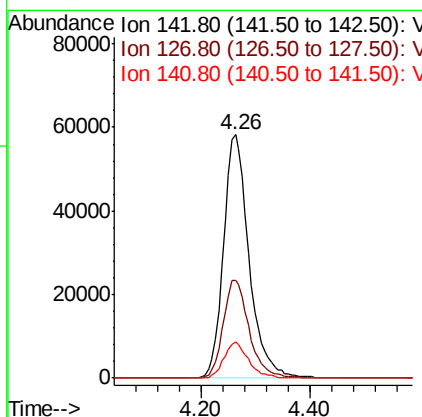
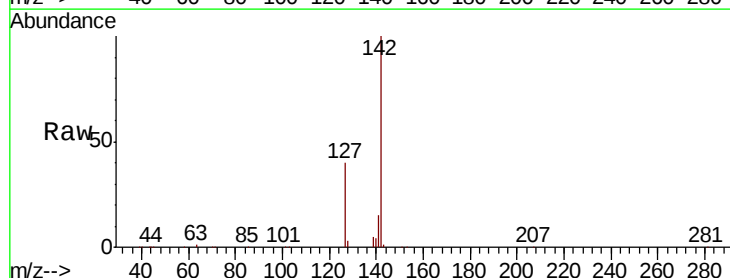
RT: 4.26 min Scan# 387

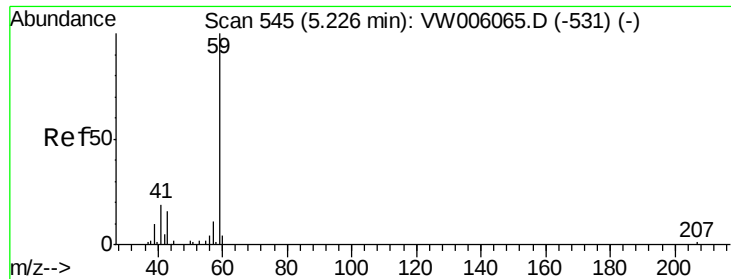
Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	142	Resp:	190084
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.6	50.4
141	14.3	11.6	17.4





#11

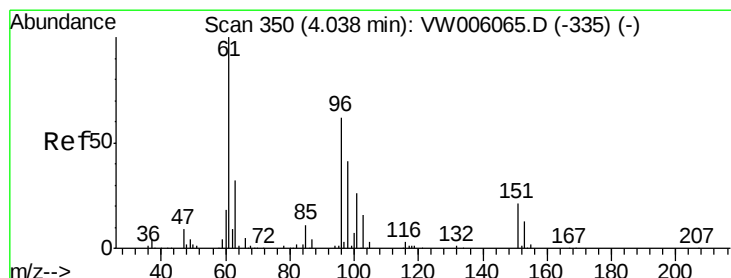
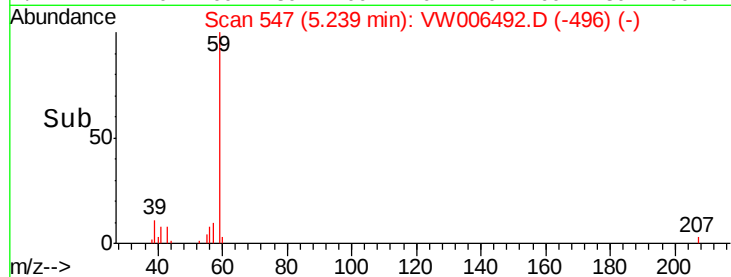
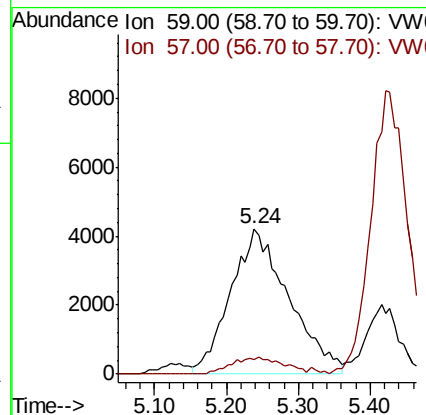
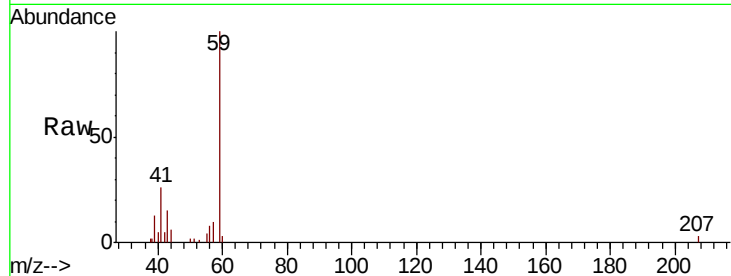
Tert butyl alcohol
Concen: 182.998 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 23686
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

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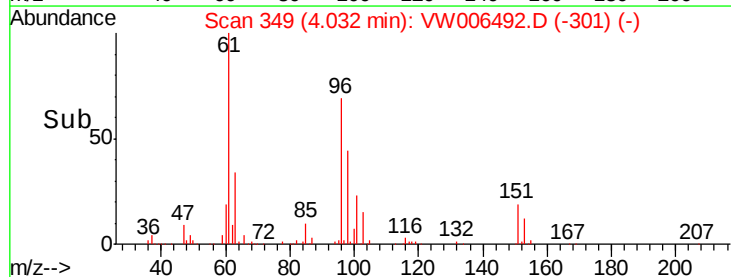
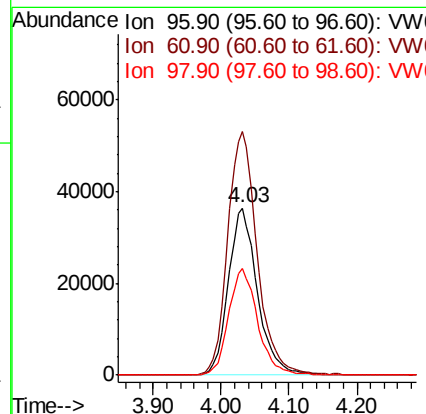
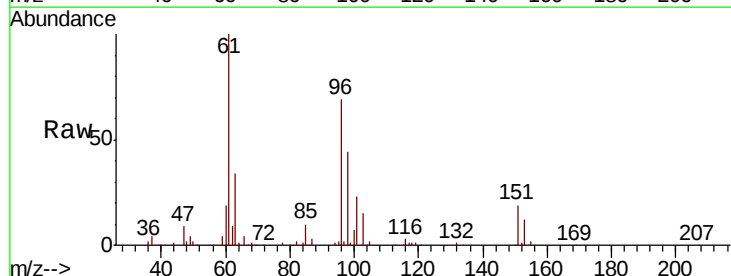
MMDadoda
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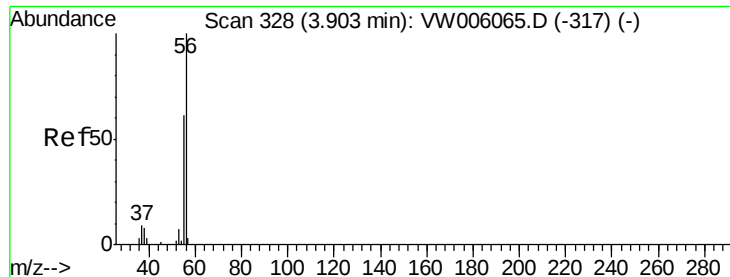


#12

1,1-Dichloroethene
Concen: 55.543 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion: 96 Resp: 107729
Ion Ratio Lower Upper
96 100
61 145.9 129.3 193.9
98 63.6 53.1 79.7





#13

Acrolein

Concen: 175.737 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22010

Ion Ratio Lower Upper

56 100

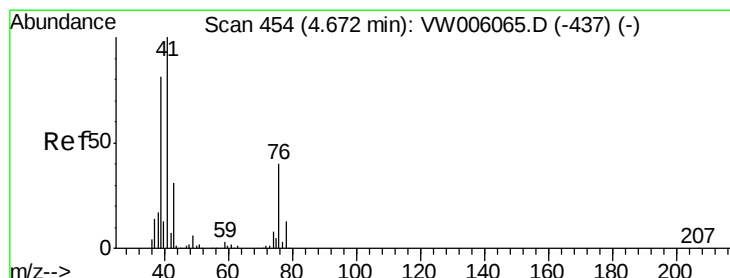
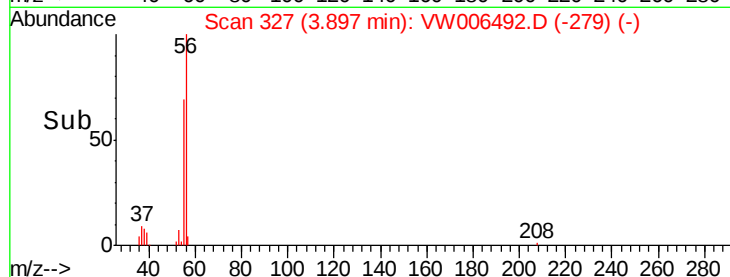
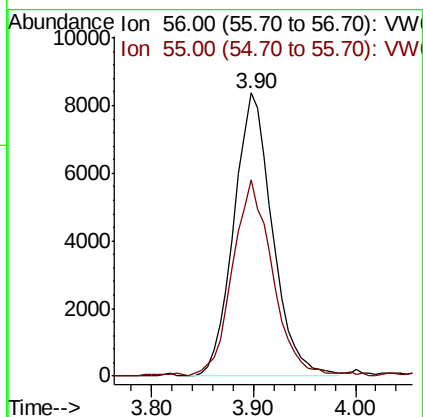
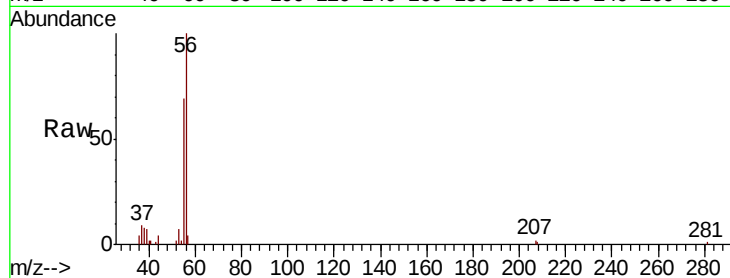
55 71.3 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 49.658 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

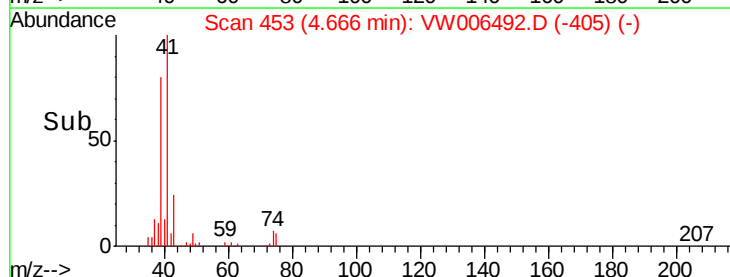
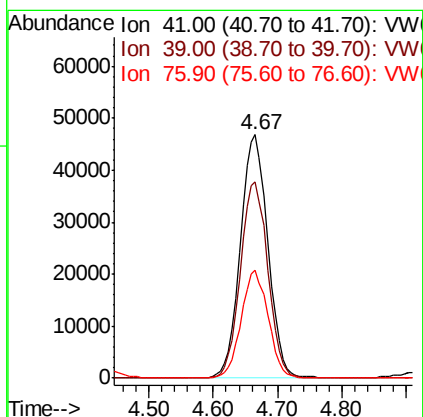
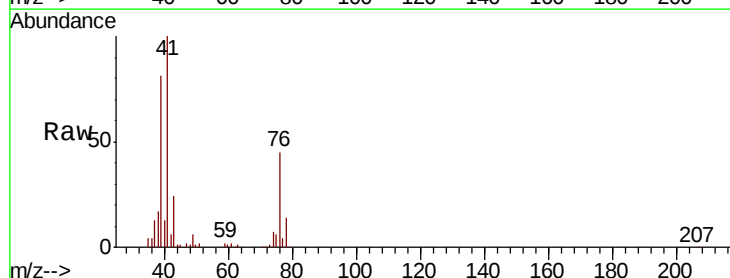
Tgt Ion: 41 Resp: 137714

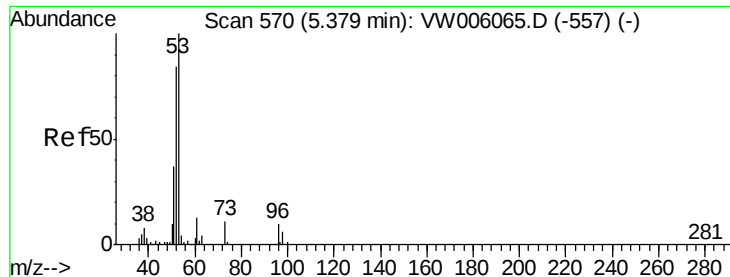
Ion Ratio Lower Upper

41 100

39 80.3 64.1 96.1

76 43.2 32.2 48.4





#15

Acrylonitrile

Concen: 225.045 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

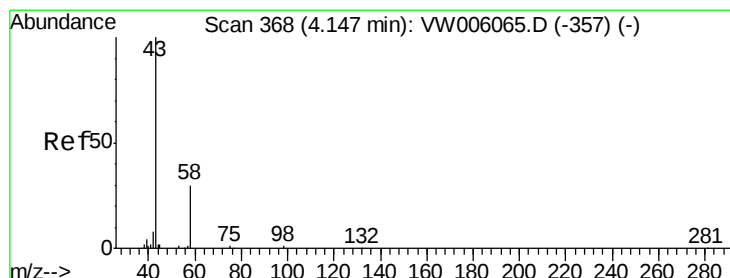
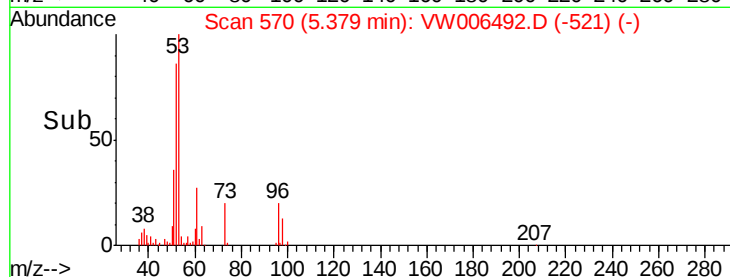
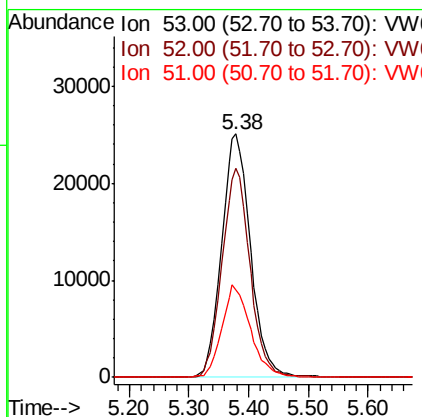
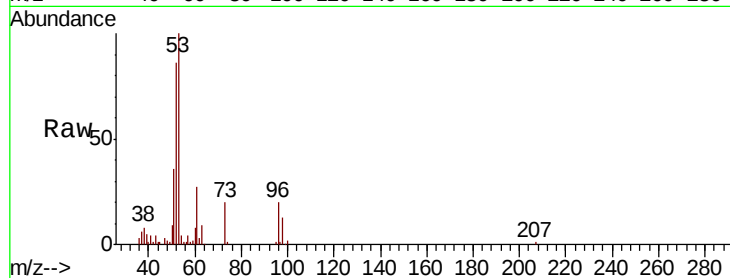
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	84390
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	37.6	30.1	45.1

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#16

Acetone

Concen: 296.252 ug/l

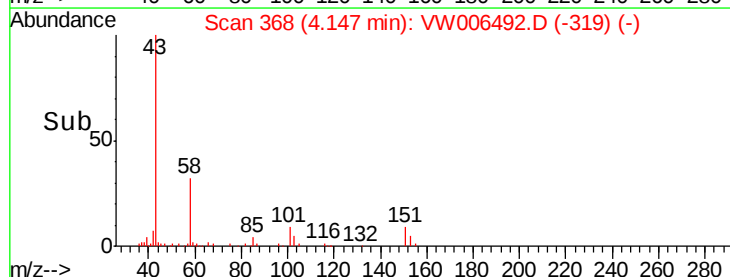
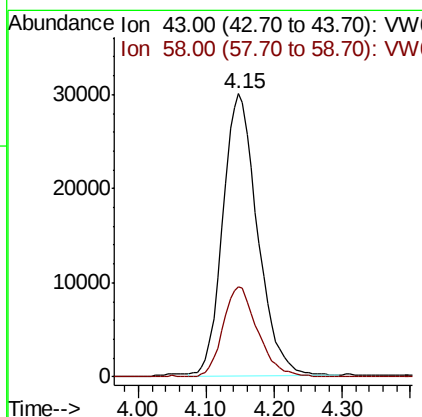
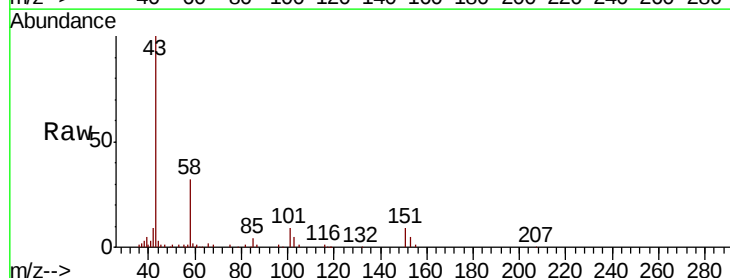
RT: 4.15 min Scan# 368

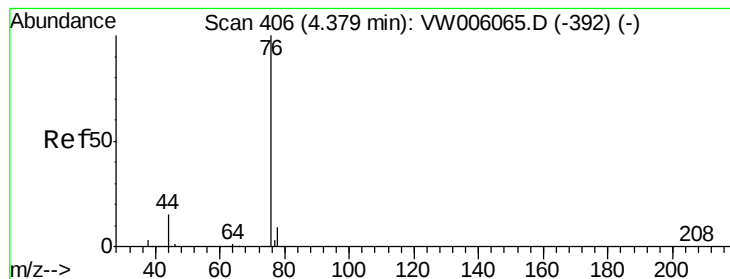
Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	43	Resp:	105974
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.0	36.0





#17

Carbon Disulfide

Concen: 50.555 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 295934

Ion Ratio Lower Upper

76 100

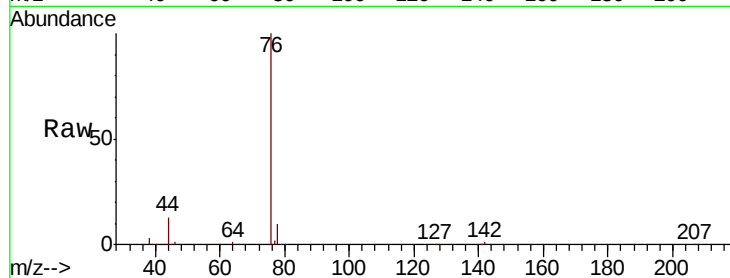
78 9.6 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

100000

80000

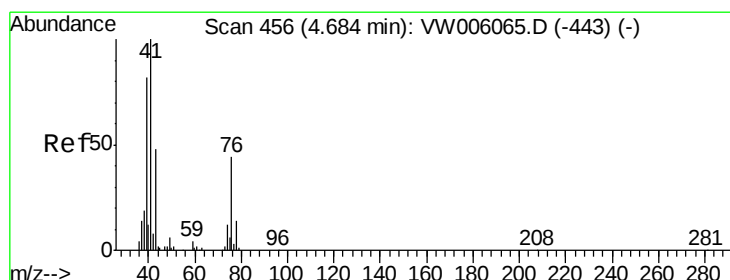
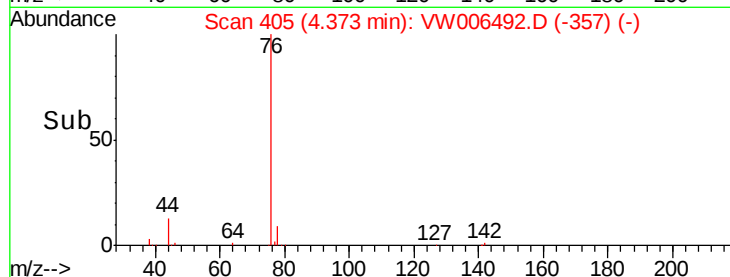
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 42.892 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006492.D

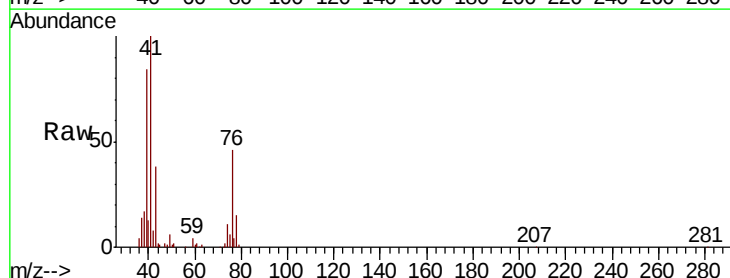
Acq: 30 Oct 2018 10:41

Tgt Ion: 43 Resp: 41541

Ion Ratio Lower Upper

43 100

74 27.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

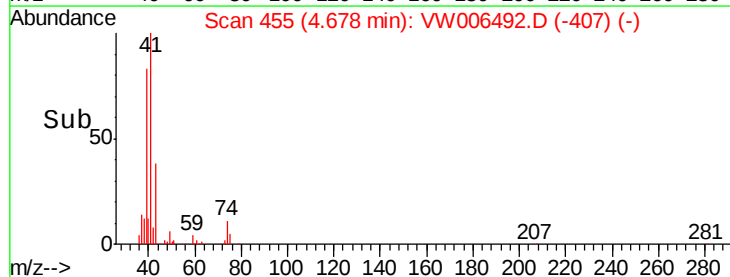
15000

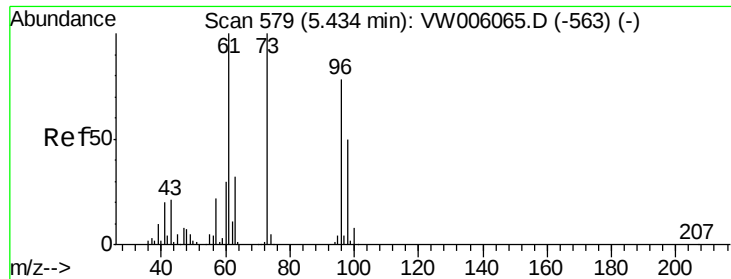
10000

5000

0

Time-->





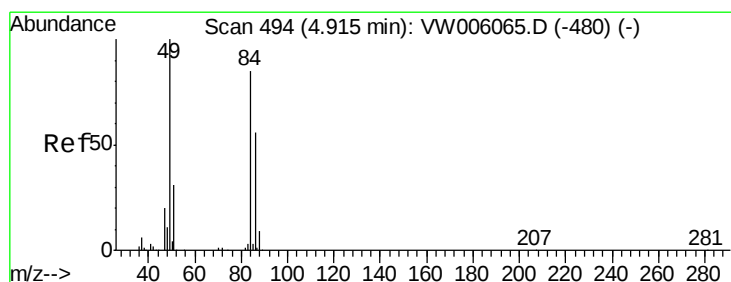
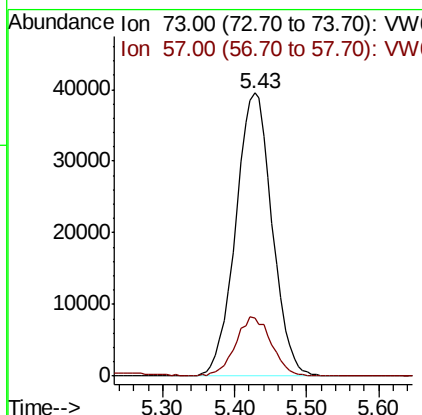
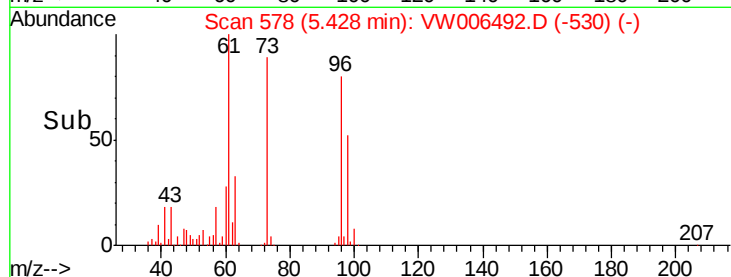
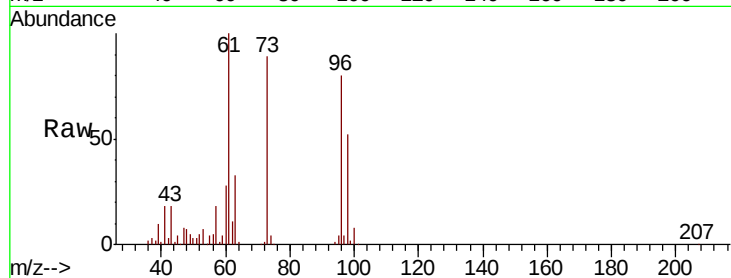
#19
Methyl tert-butyl Ether
Concen: 46.838 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 138367
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2

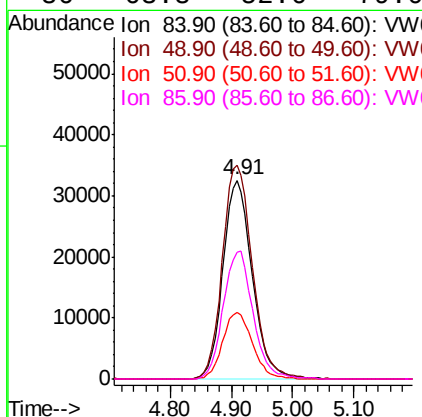
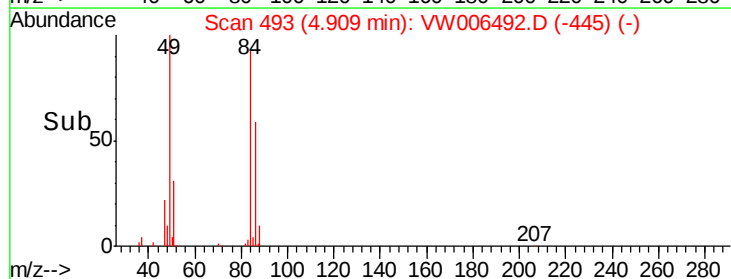
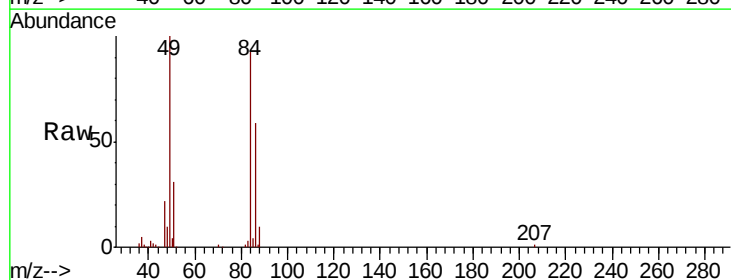
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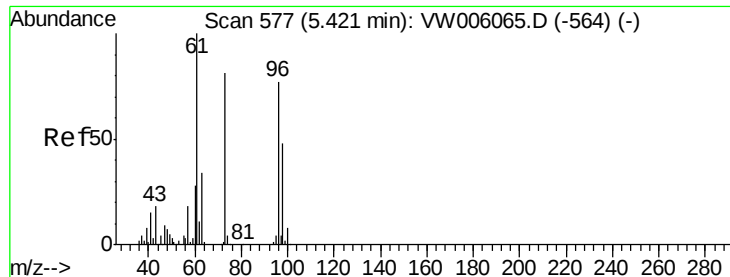
MMDadoda
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#20
Methylene Chloride
Concen: 52.959 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion: 84 Resp: 107648
Ion Ratio Lower Upper
84 100
49 107.5 93.6 140.4
51 33.6 29.0 43.4
86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 55.599 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

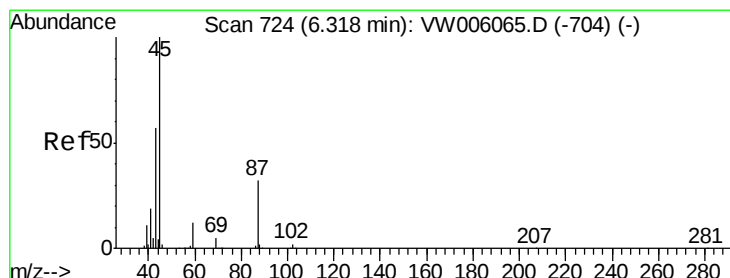
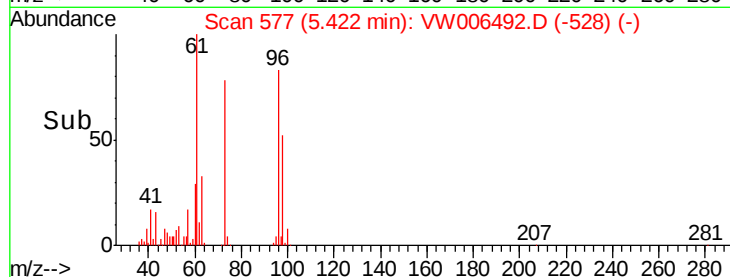
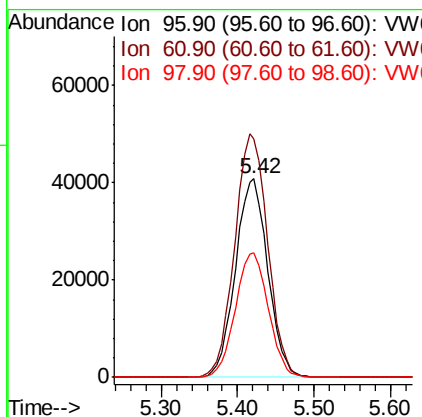
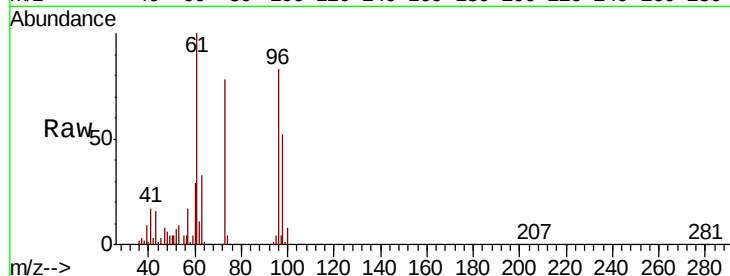
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120368
Ion	Ratio	Lower	Upper
96	100		
61	120.2	104.5	156.7
98	62.4	50.6	75.8

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#22

Diisopropyl ether

Concen: 49.867 ug/l

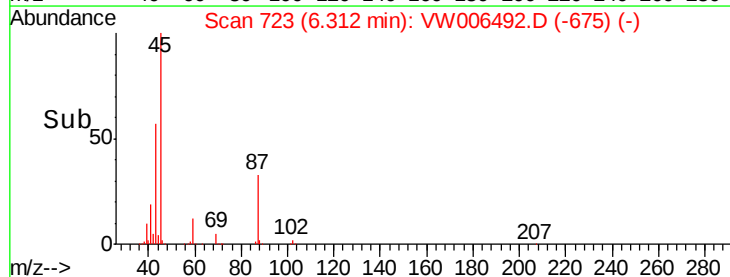
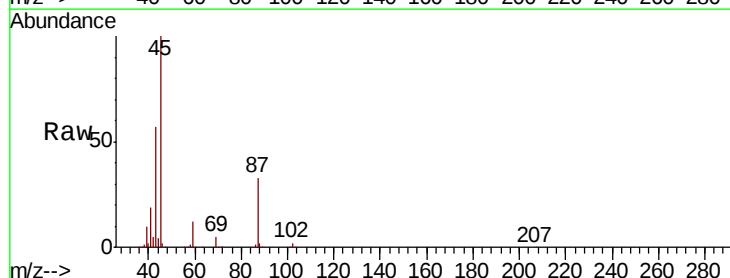
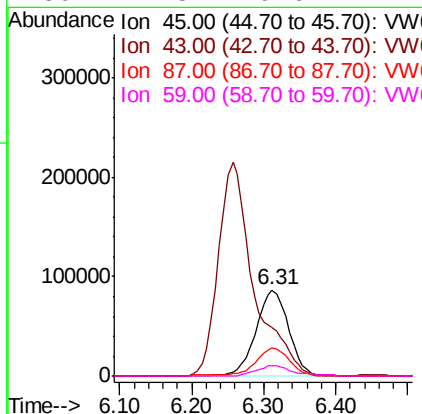
RT: 6.31 min Scan# 723

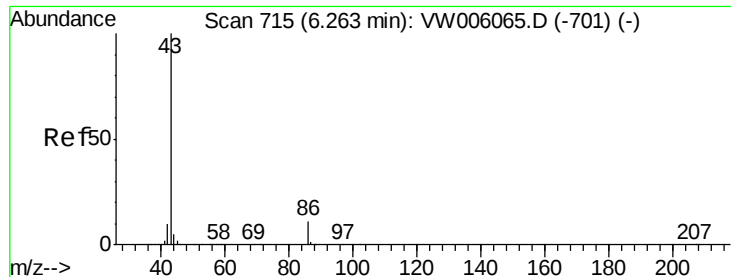
Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	45	Resp:	273291
Ion	Ratio	Lower	Upper
45	100		
43	56.0	45.7	68.5
87	33.0	25.9	38.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 228.021 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 737483

Ion Ratio Lower Upper

43 100

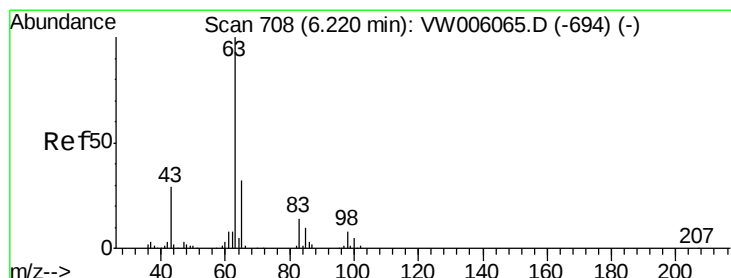
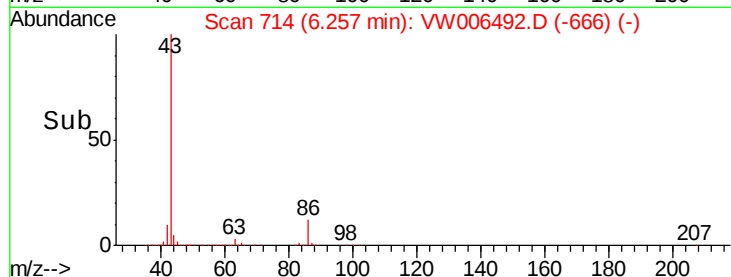
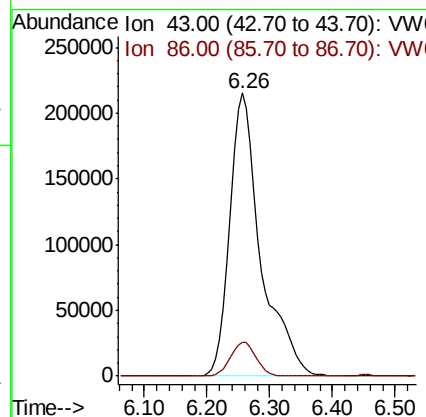
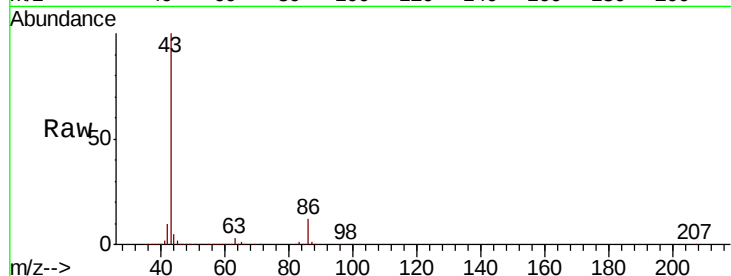
86 11.8 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 54.550 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

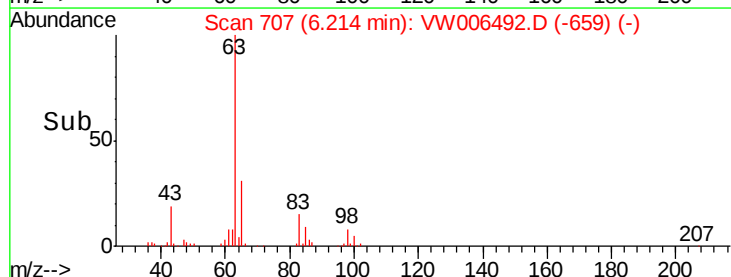
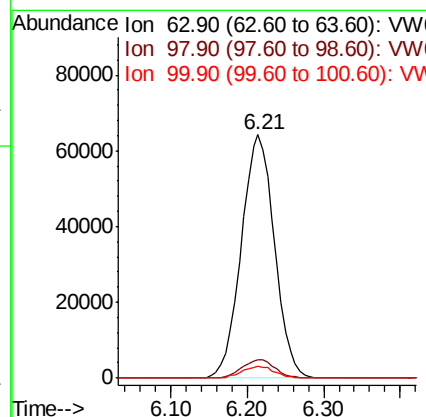
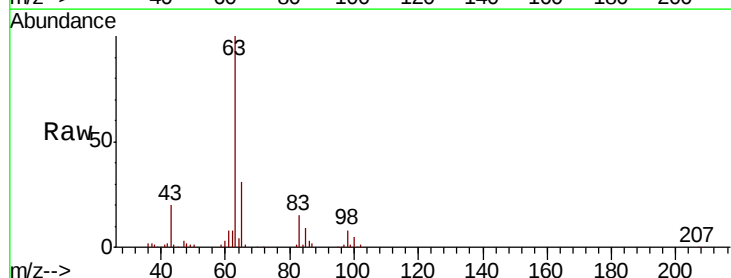
Tgt Ion: 63 Resp: 192903

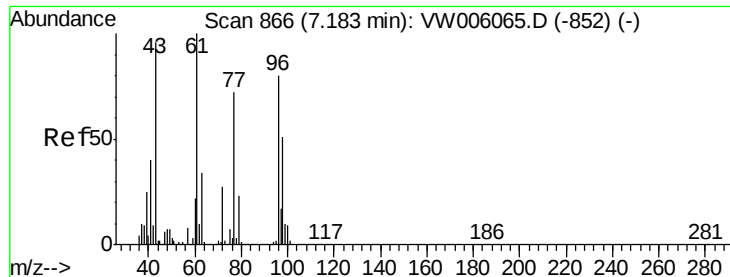
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.9 2.5 7.5





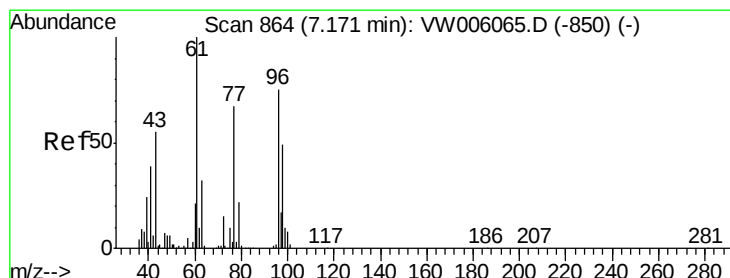
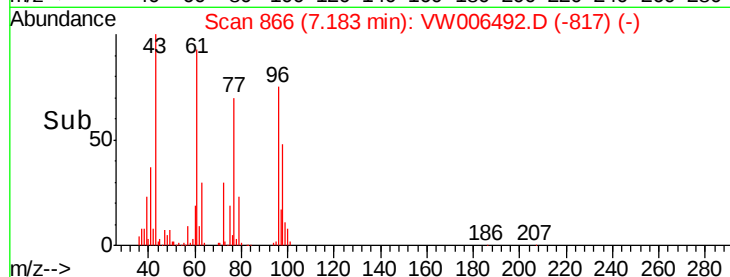
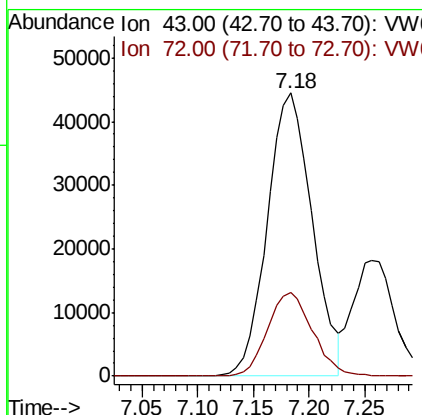
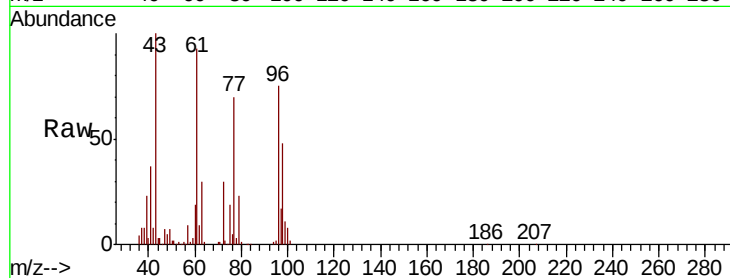
#25
2-Butanone
Concen: 240.460 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.5	22.8	34.2

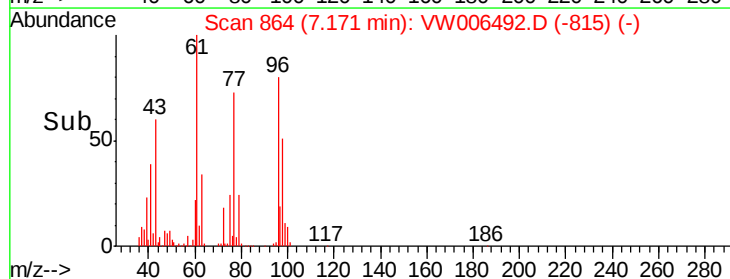
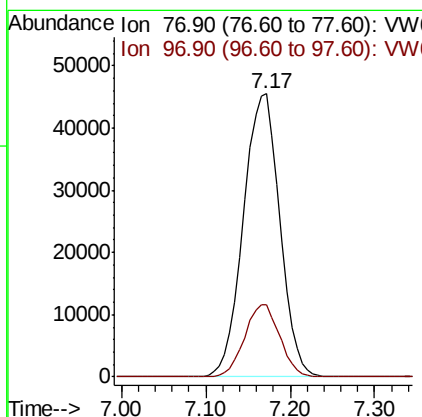
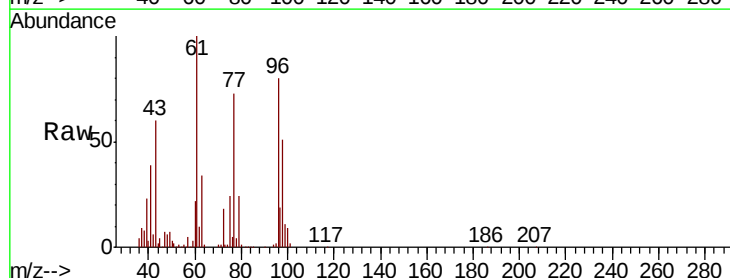
Manual Integrations
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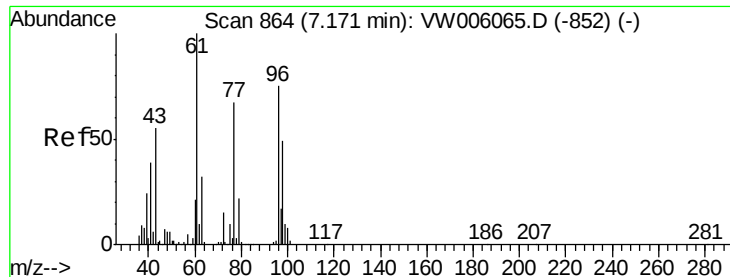
MMDadoda
10/31/2018 12:31:33 PM



#26
2,2-Dichloropropane
Concen: 53.555 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.2	36.4





#27

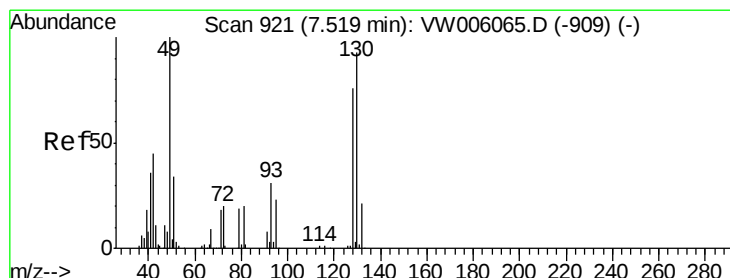
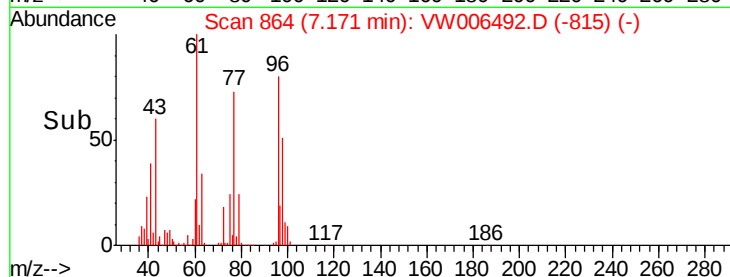
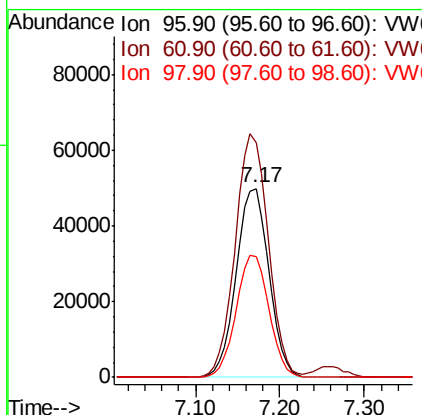
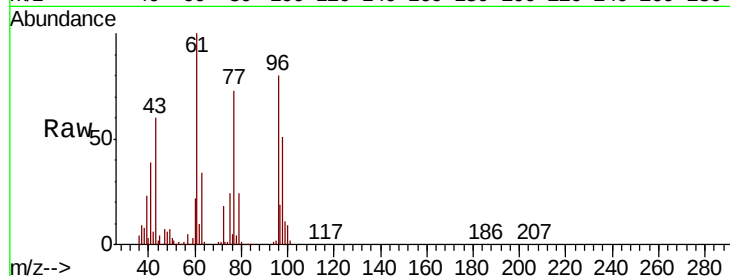
cis-1,2-Dichloroethene
 Concen: 54.958 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	267.2
98	64.5	0.0	128.6

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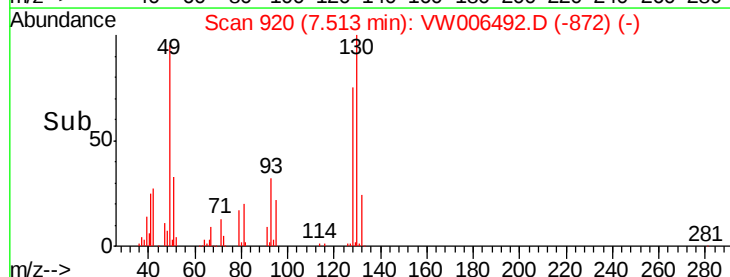
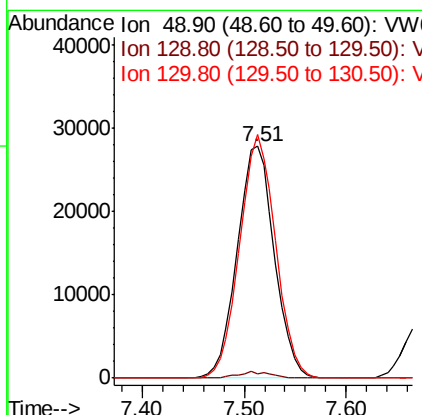
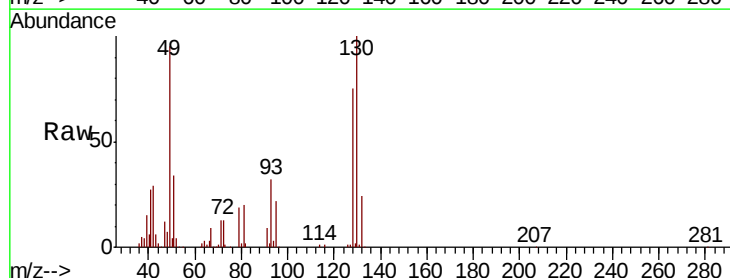
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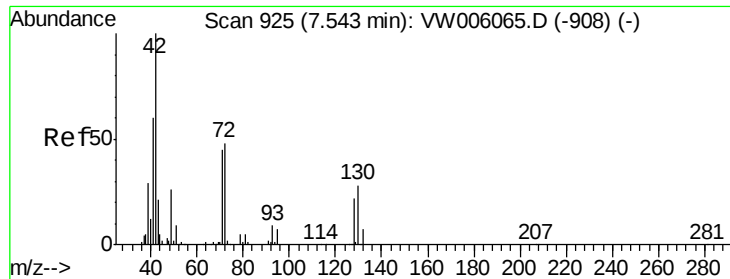


#28

Bromochloromethane
 Concen: 51.389 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	101.8	73.8	110.8





#29

Tetrahydrofuran

Concen: 206.173 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

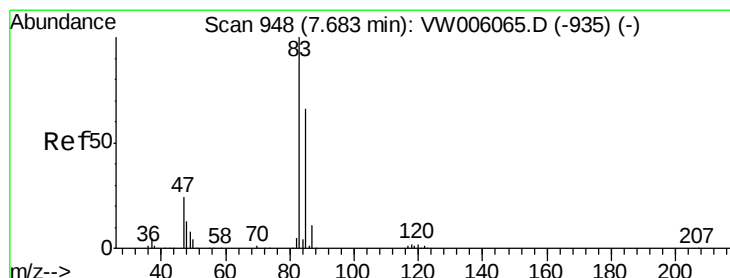
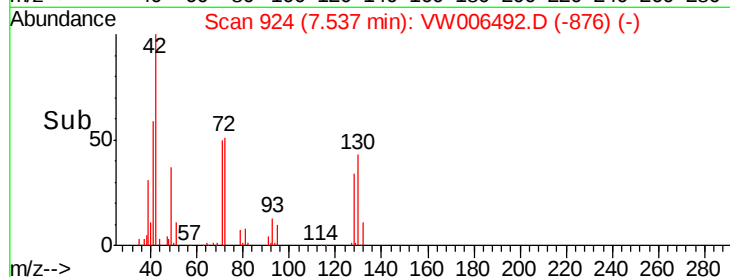
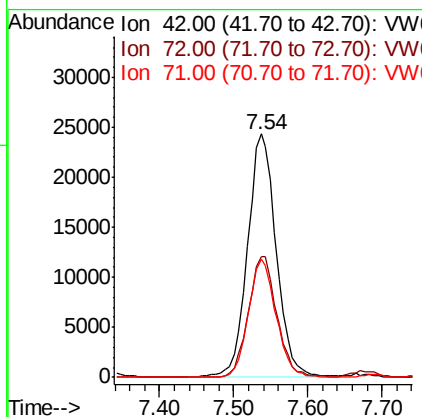
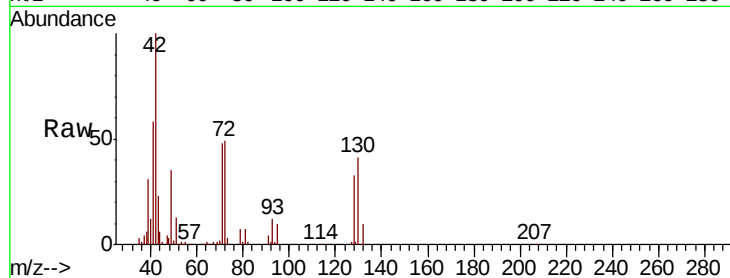
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	65888
Ion	Ratio	Lower	Upper
42	100		
72	49.2	38.0	57.0
71	46.5	35.3	52.9

Manual Integrations
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#30

Chloroform

Concen: 54.914 ug/l

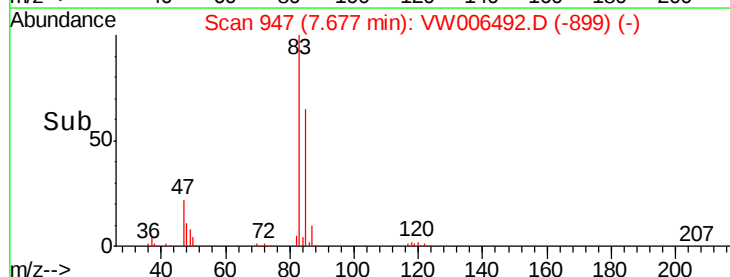
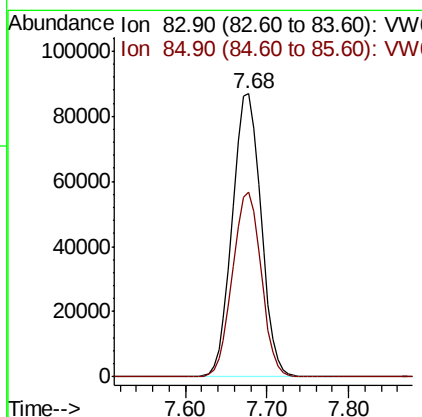
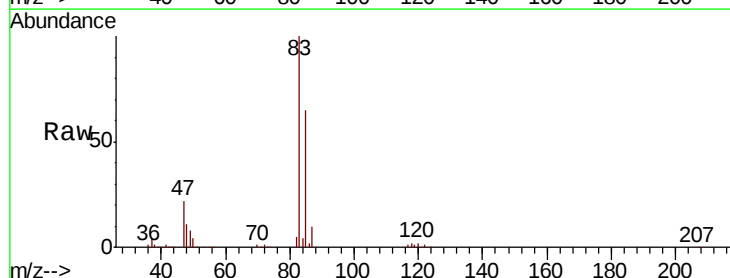
RT: 7.68 min Scan# 947

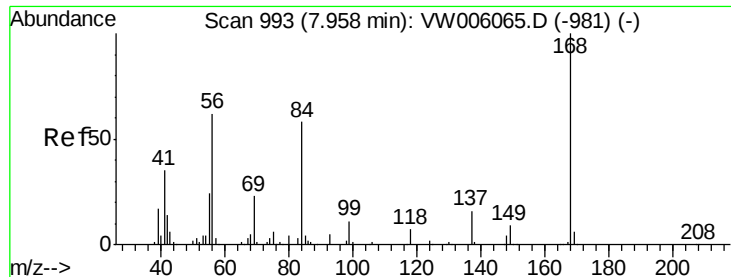
Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	83	Resp:	211573
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0





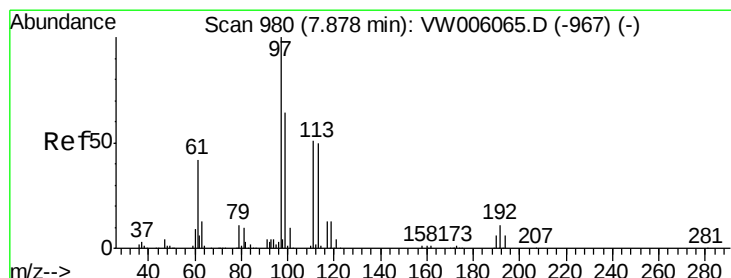
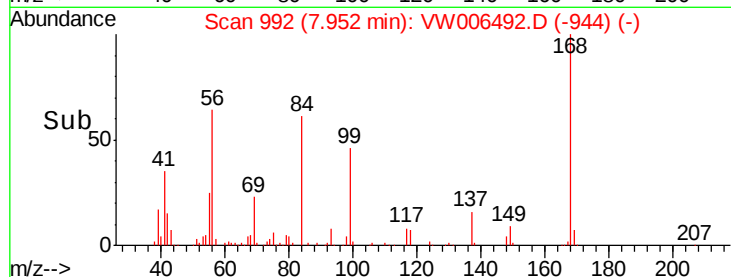
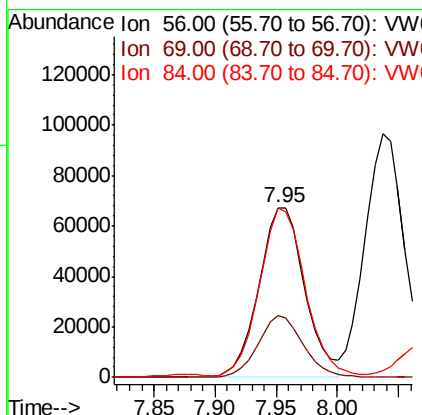
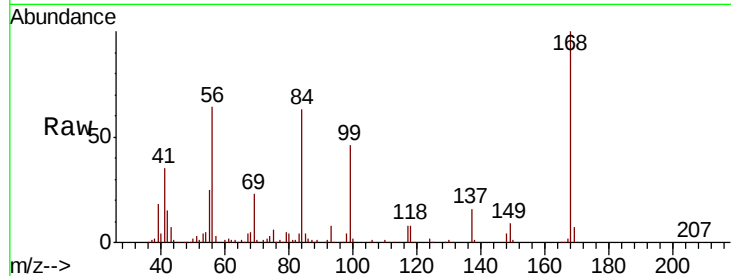
#31
Cyclohexane
Concen: 50.118 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	29.4	44.0
84	98.0	74.0	111.0

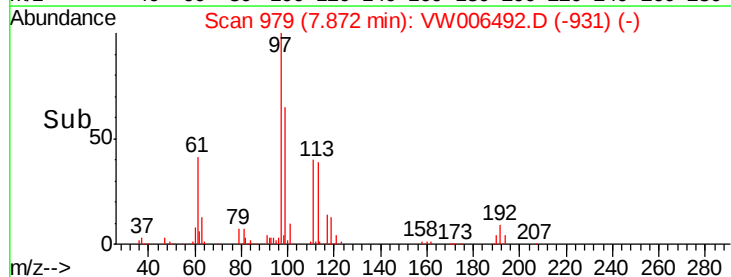
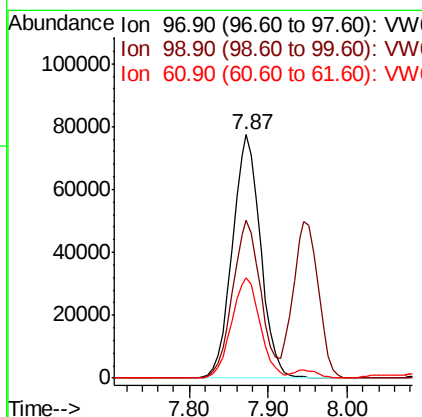
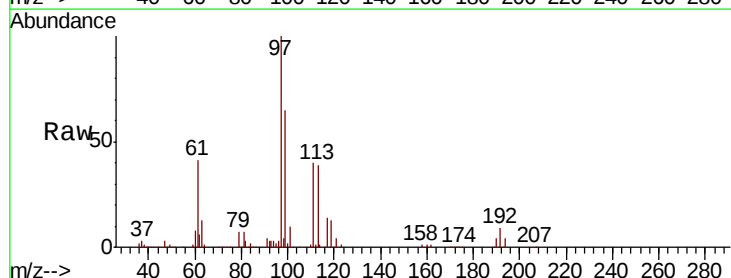
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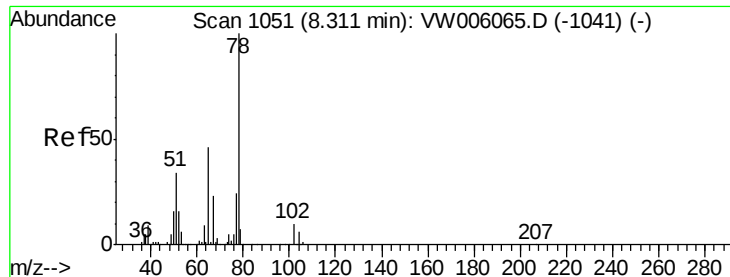
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 55.076 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.9	76.3
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 43.352 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 83432

Ion Ratio Lower Upper

65 100

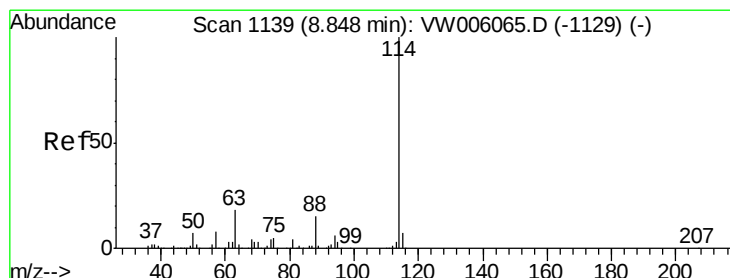
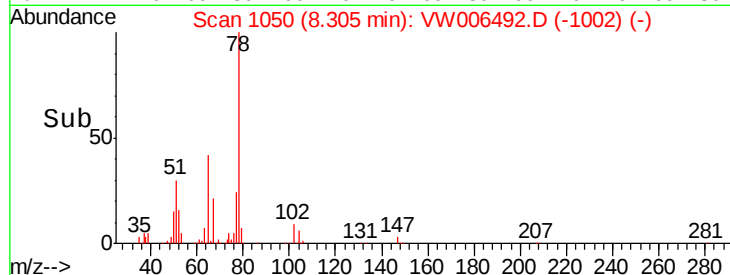
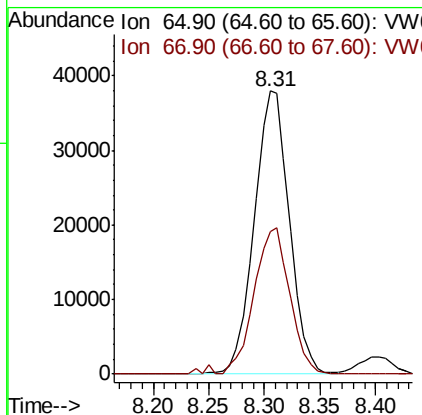
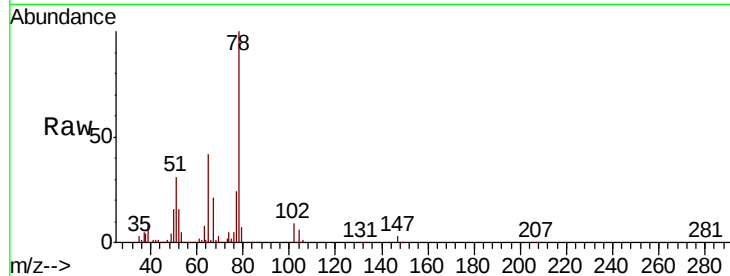
67 52.1 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

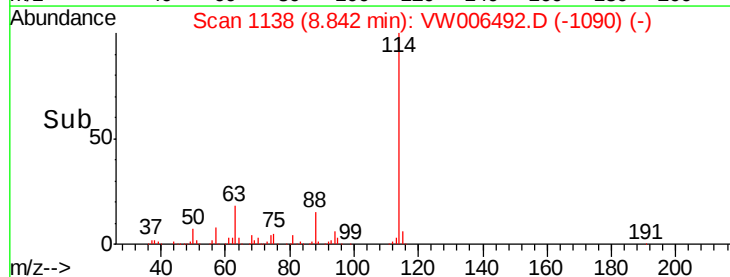
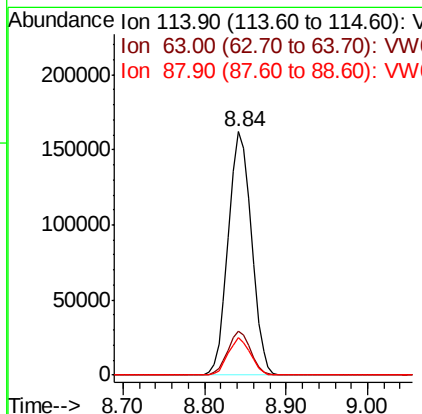
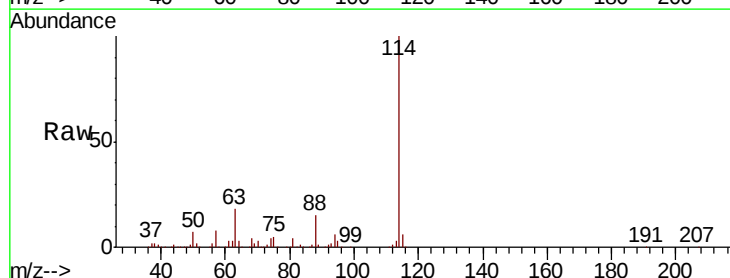
Tgt Ion: 114 Resp: 318077

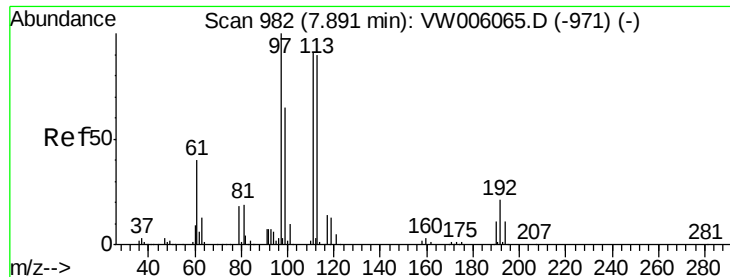
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.2 0.0 29.0





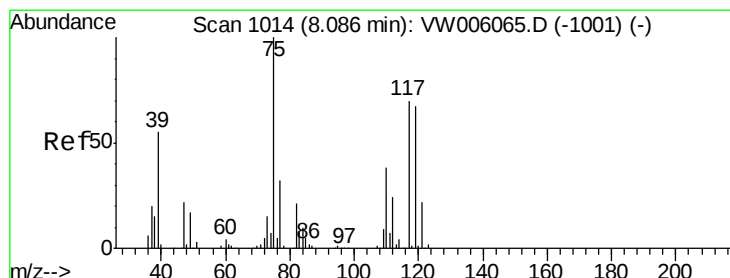
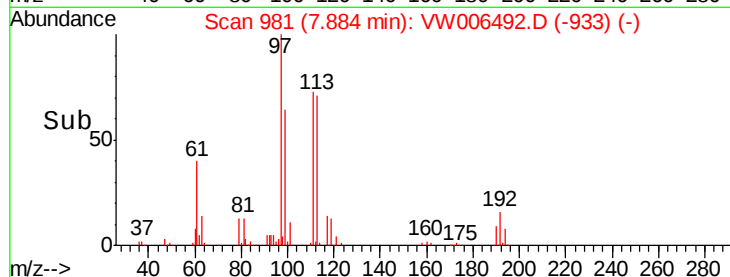
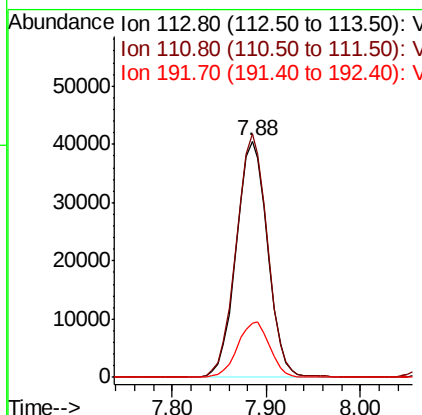
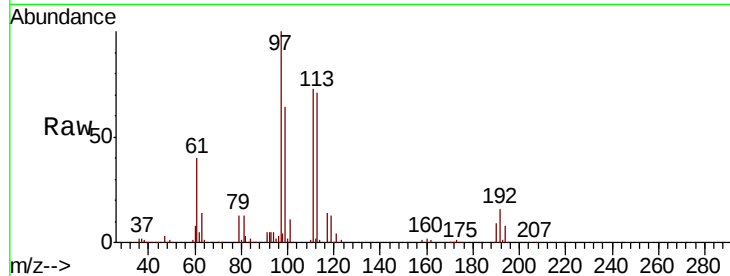
#35
 Dibromofluoromethane
 Concen: 50.218 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	24.0	18.7	28.1

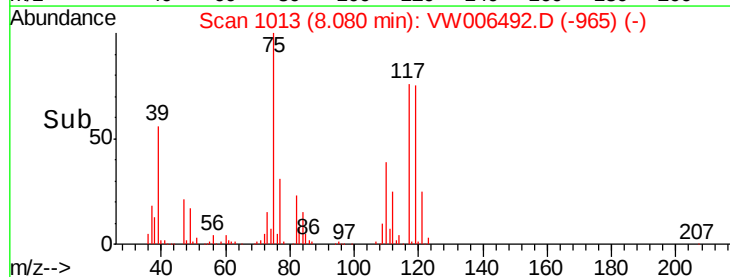
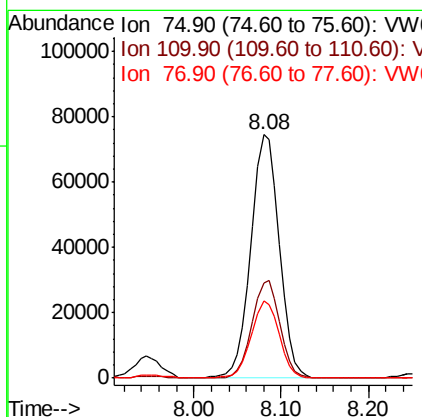
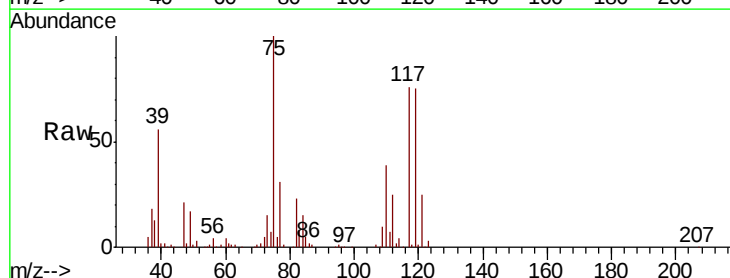
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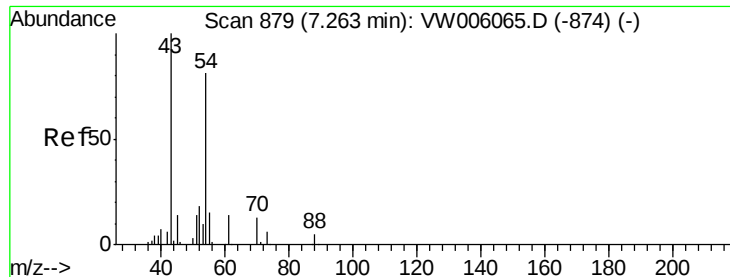
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#36
 1,1-Dichloropropene
 Concen: 57.602 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.1	57.1
77	31.3	25.0	37.4





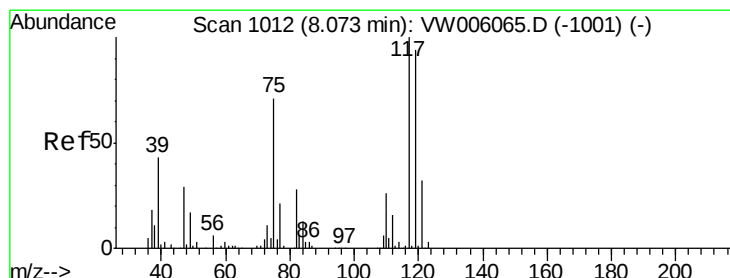
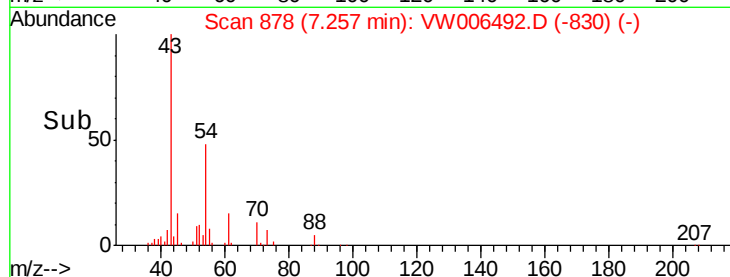
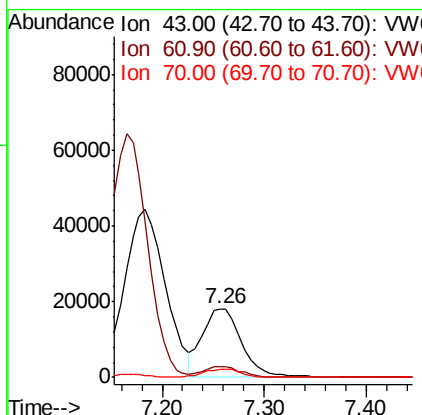
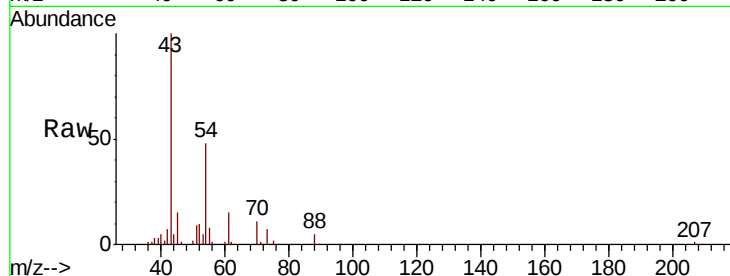
#37
Ethyl Acetate
Concen: 44.401 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.7	9.2	13.8

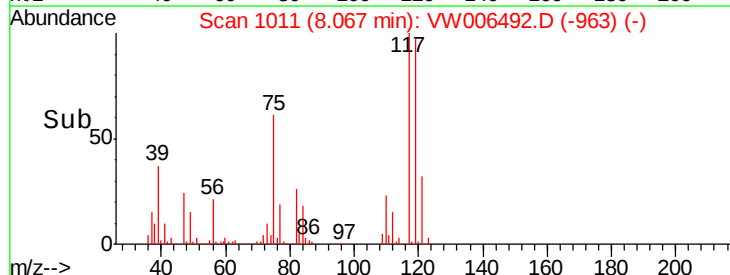
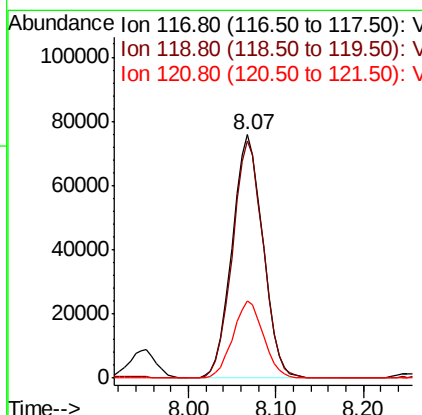
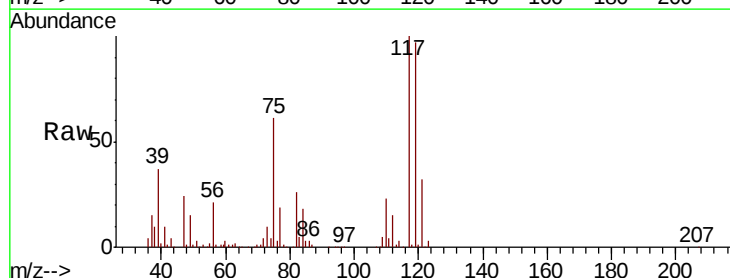
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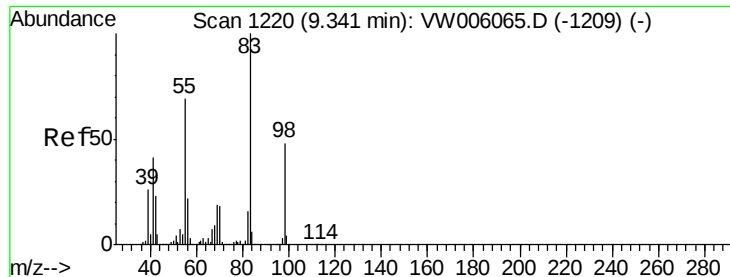
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#38
Carbon Tetrachloride
Concen: 57.888 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	31.5	25.3	37.9





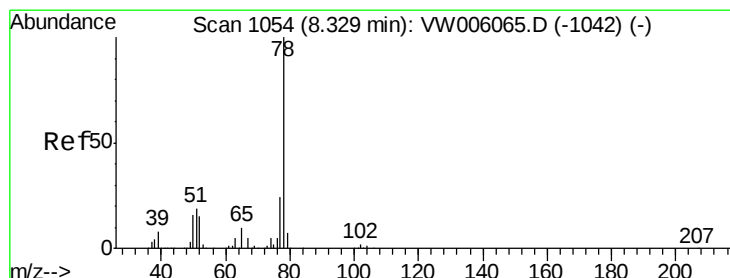
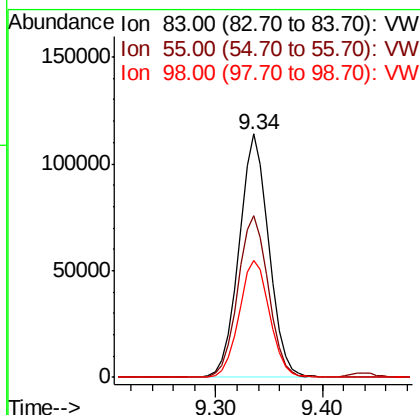
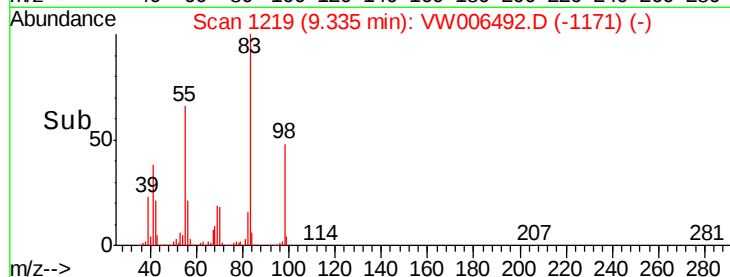
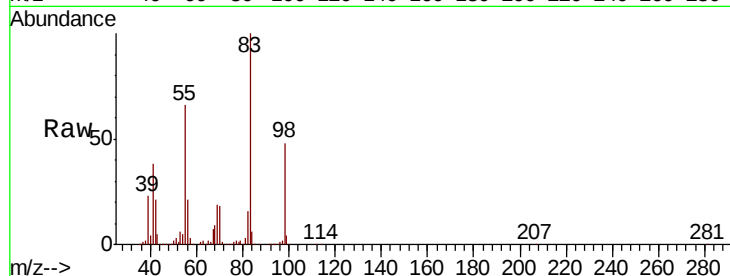
#39
Methvlcvclohexane
Concen: 57.385 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	55.0	82.6
98	48.2	38.6	57.8

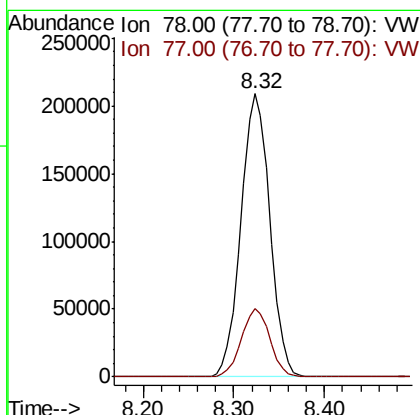
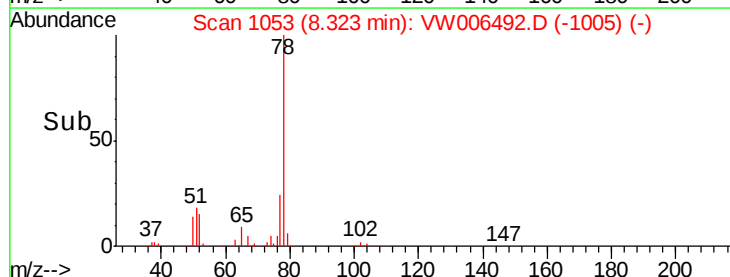
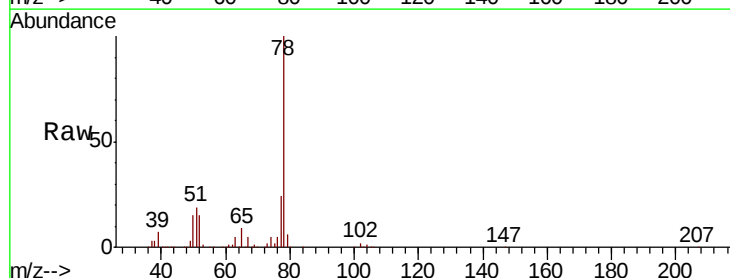
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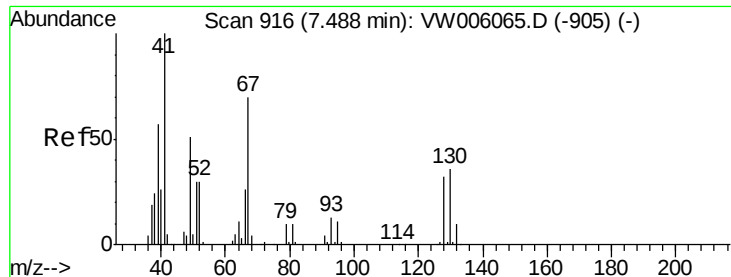
MMDadoda
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#40
Benzene
Concen: 57.189 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





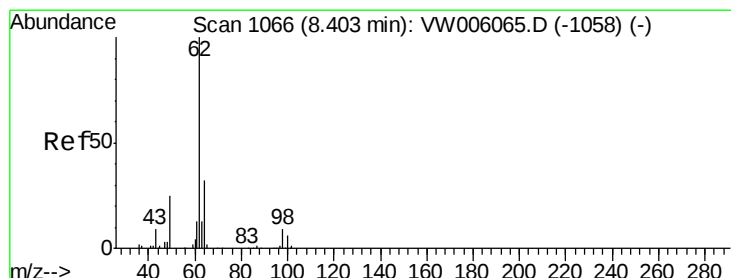
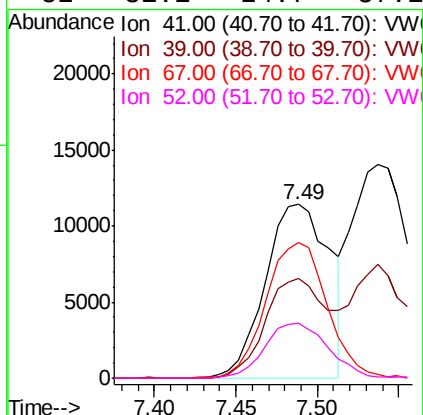
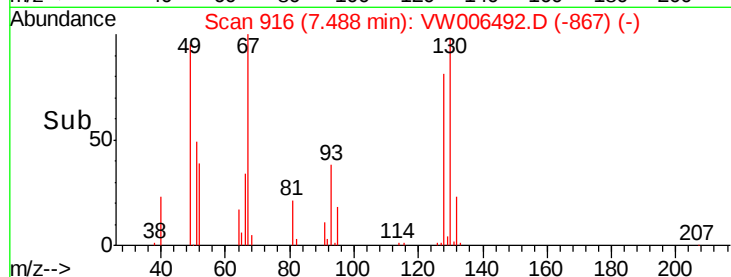
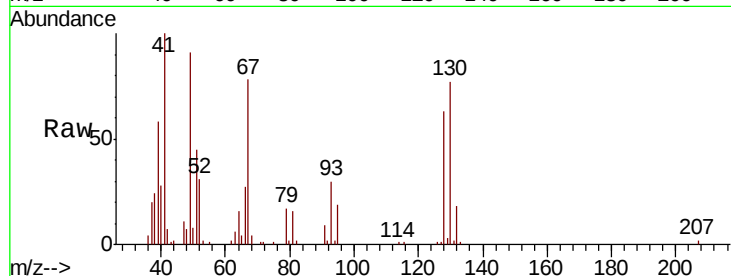
#41
Methacrylonitrile
Concen: 47.751 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.2	46.2	69.4
67	74.2	57.7	86.5
52	31.1	24.7	37.1

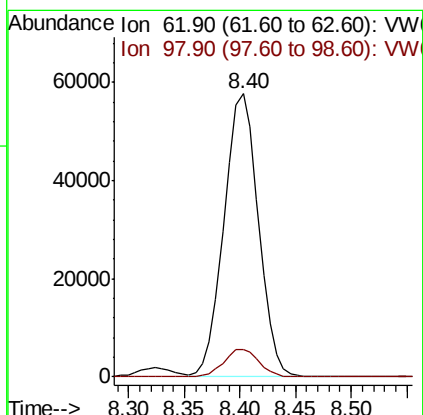
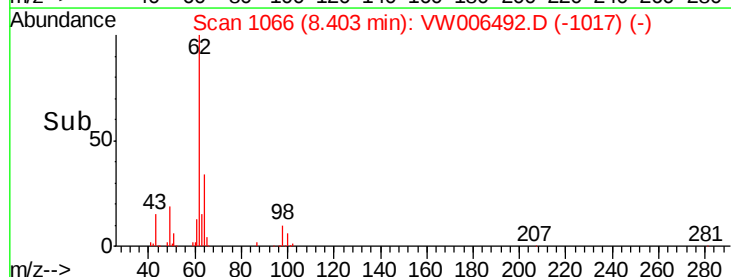
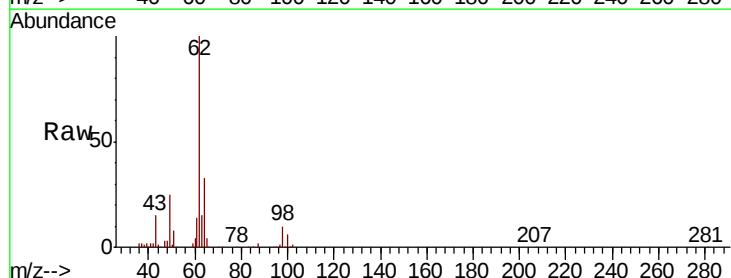
Manual Integrations
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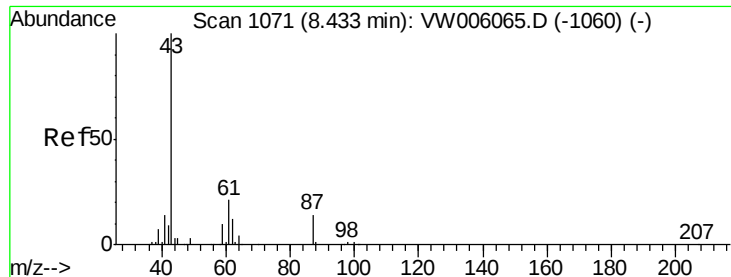
MMDadoda
10/31/2018 12:31:33 PM



#42
1,2-Dichloroethane
Concen: 52.530 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4





#43

Isopropyl Acetate

Concen: 43.505 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

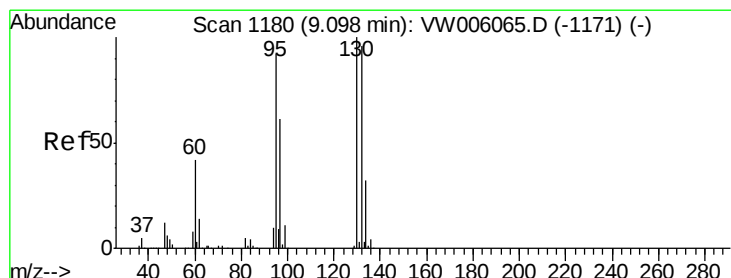
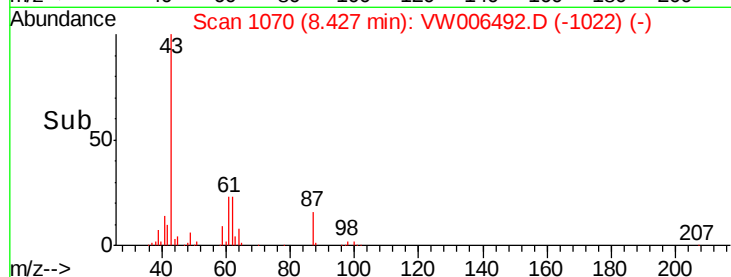
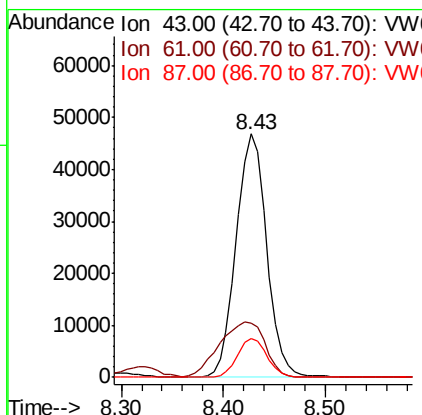
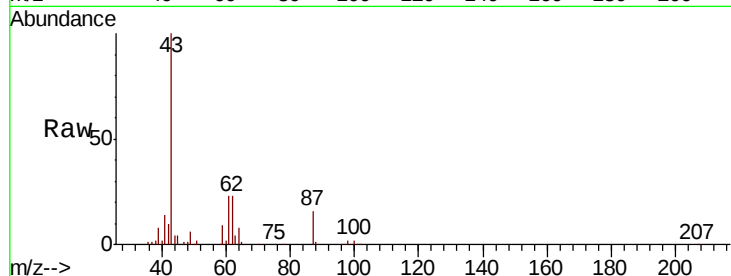
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	96893
Ion	Ratio	Lower	Upper
43	100		
61	34.5	25.5	38.3
87	15.8	11.7	17.5

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#44

Trichloroethene

Concen: 58.274 ug/l

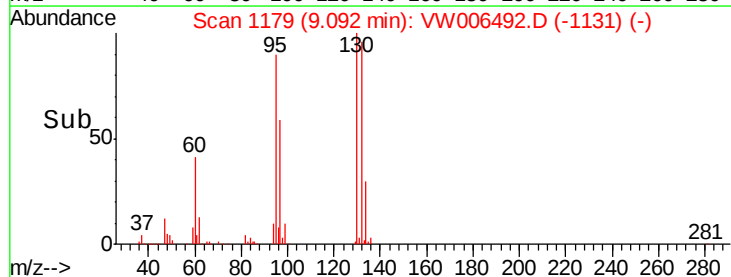
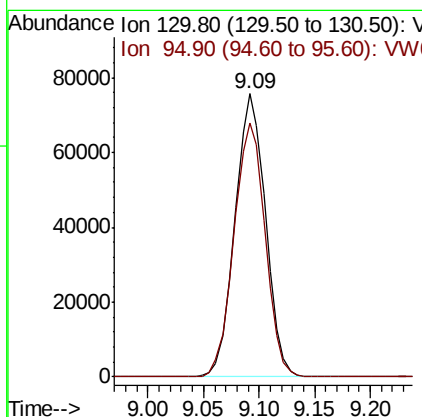
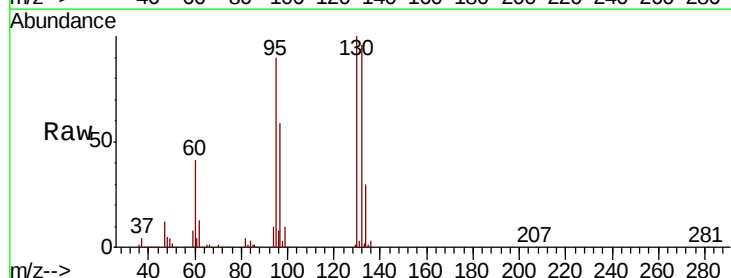
RT: 9.09 min Scan# 1179

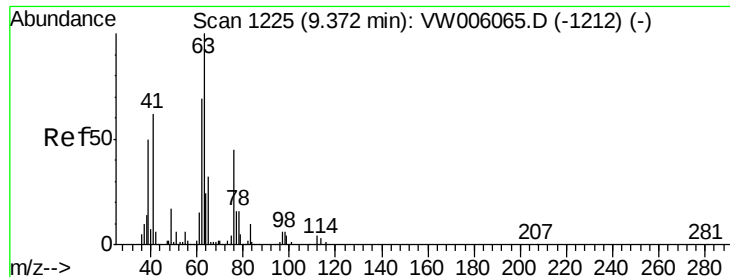
Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	130	Resp:	143779
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	183.2





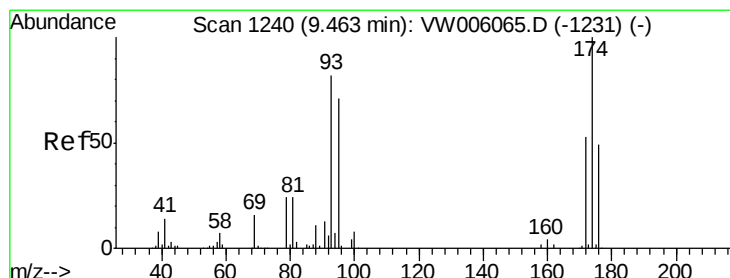
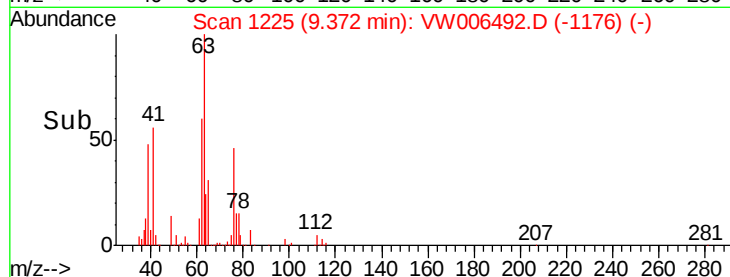
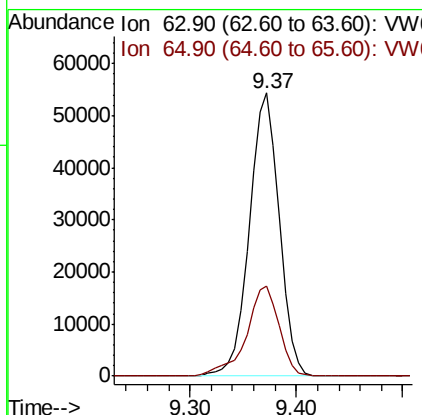
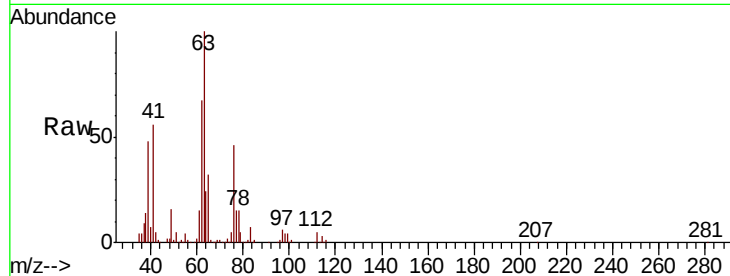
#45
 1,2-Dichloropropane
 Concen: 55.679 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0

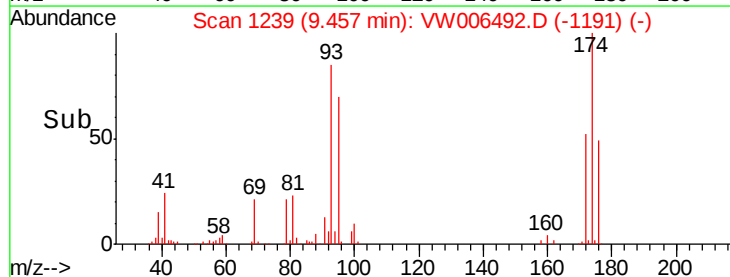
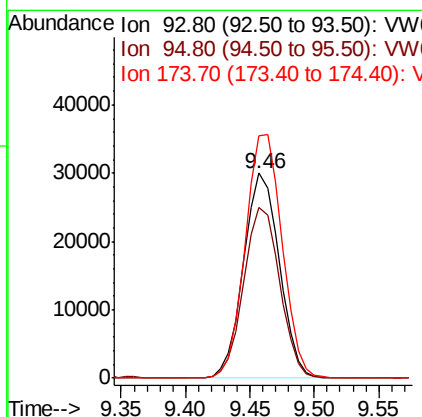
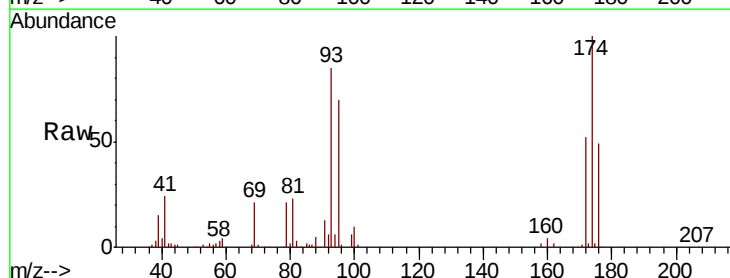
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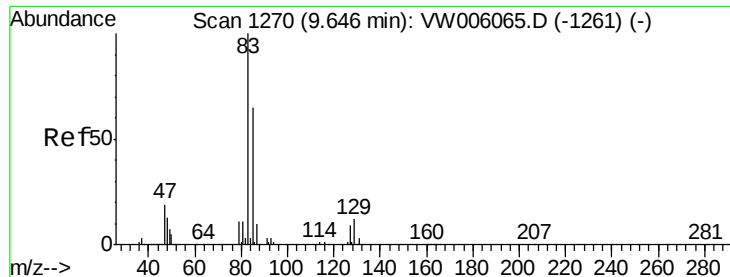
MMDadoda
 10/31/2018 12:31:33 PM



#46
 Dibromomethane
 Concen: 52.644 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.7	101.5
174	122.1	93.7	140.5





#47

Bromodichloromethane

Concen: 54.677 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

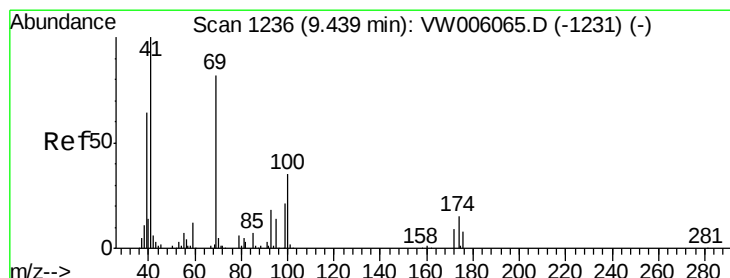
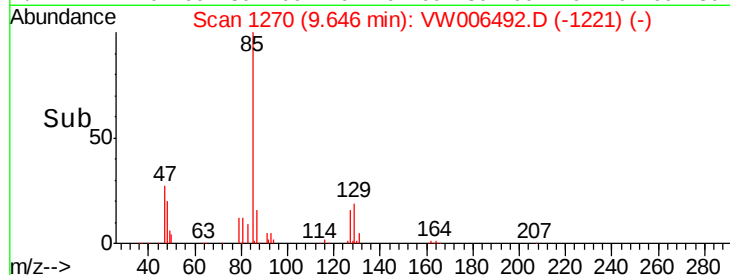
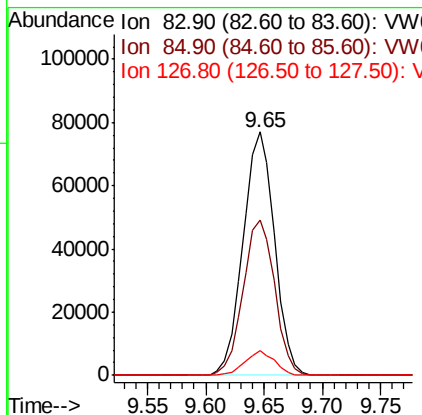
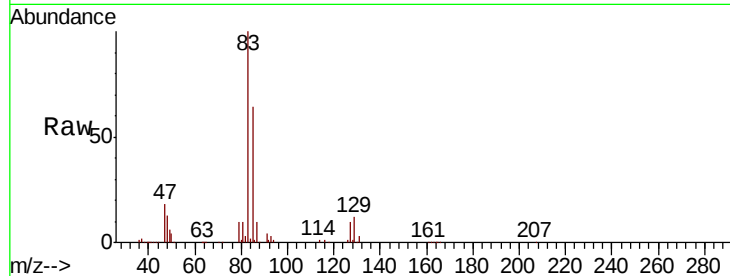
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	145398
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8
127	10.0	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.560 ug/l

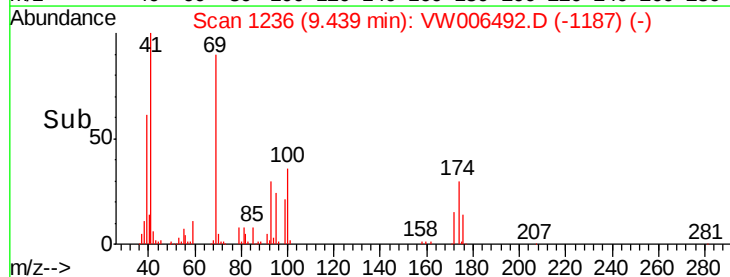
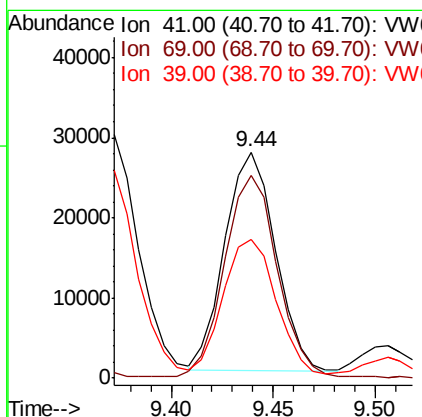
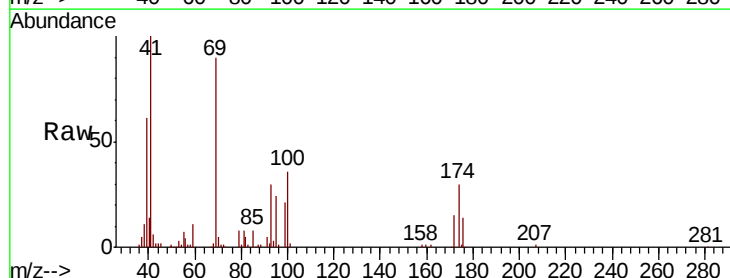
RT: 9.44 min Scan# 1236

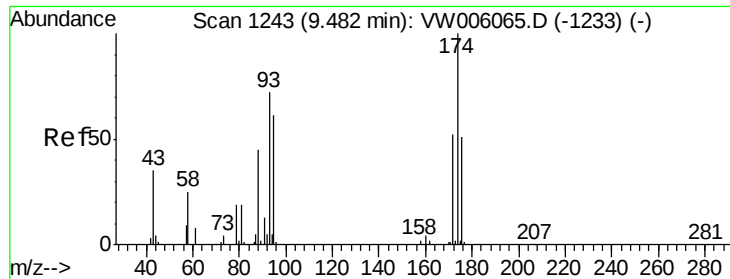
Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	41	Resp:	47042
Ion	Ratio	Lower	Upper
41	100		
69	98.2	71.8	107.8
39	67.8	52.5	78.7





#49

1,4-Dioxane

Concen: 1033.208 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 17446

Ion Ratio Lower Upper

88 100

43 426.7 0.0 0.0#

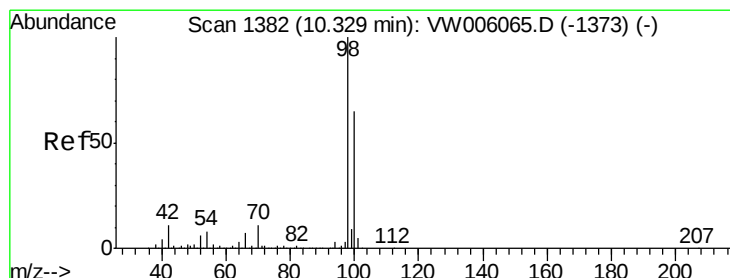
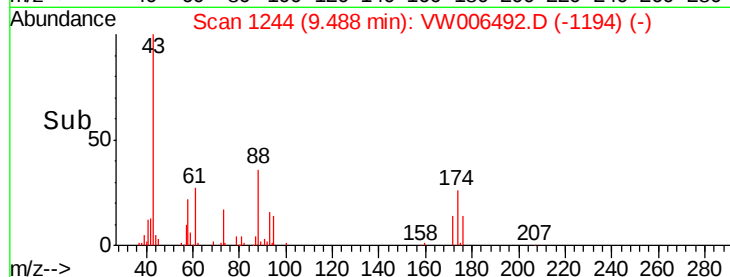
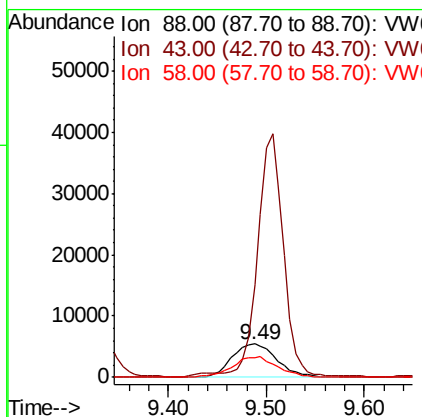
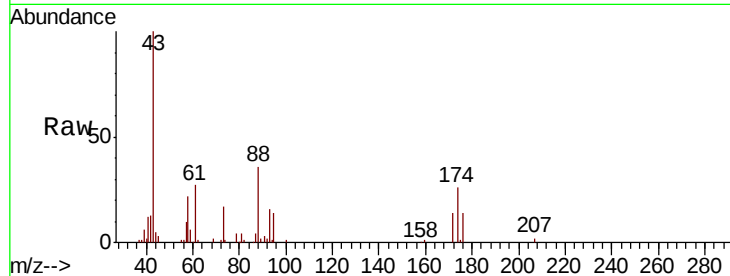
58 62.2 51.2 76.8

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#50

Toluene-d8

Concen: 49.610 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006492.D

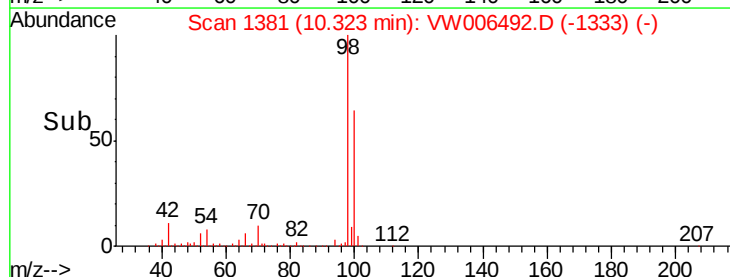
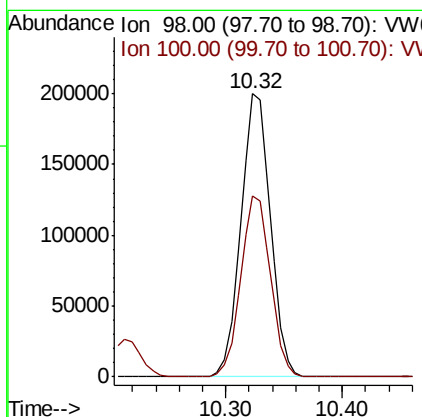
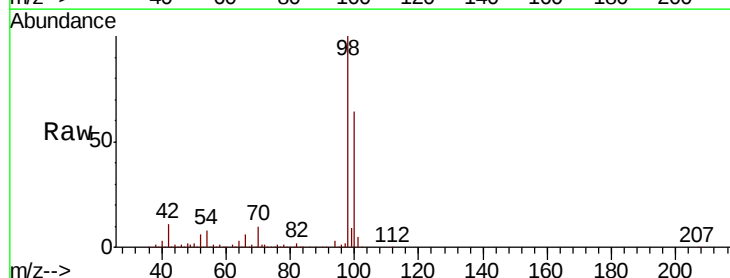
Acq: 30 Oct 2018 10:41

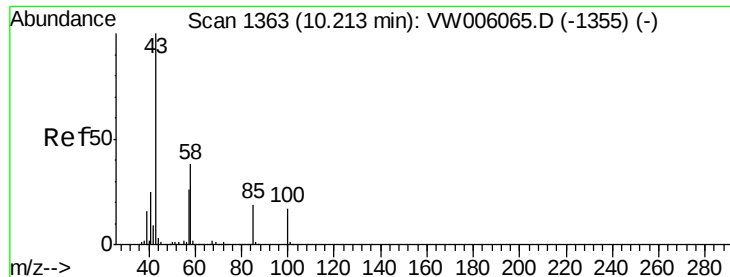
Tgt Ion: 98 Resp: 354740

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 222.666 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 248472

Ion Ratio Lower Upper

43 100

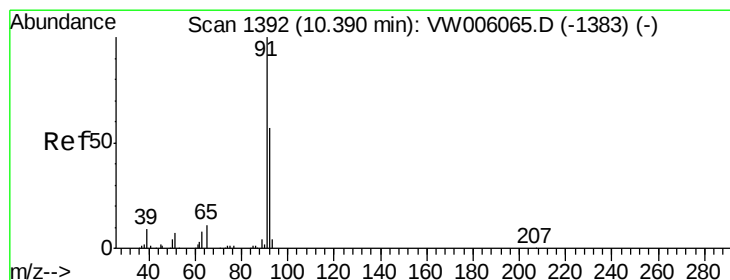
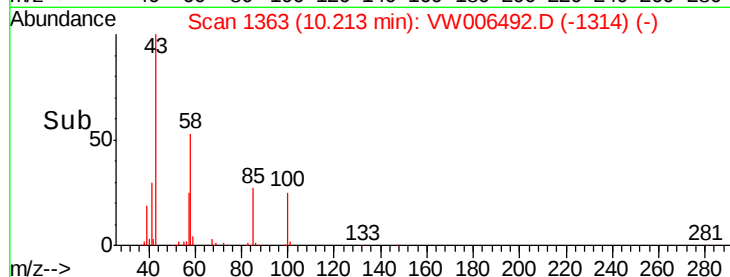
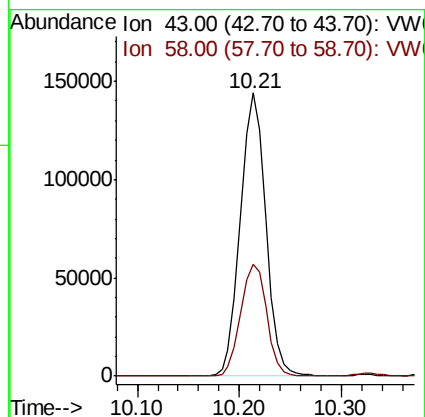
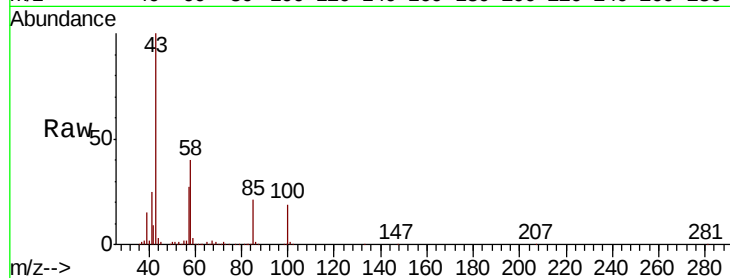
58 40.6 31.5 47.3

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#52

Toluene

Concen: 57.753 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006492.D

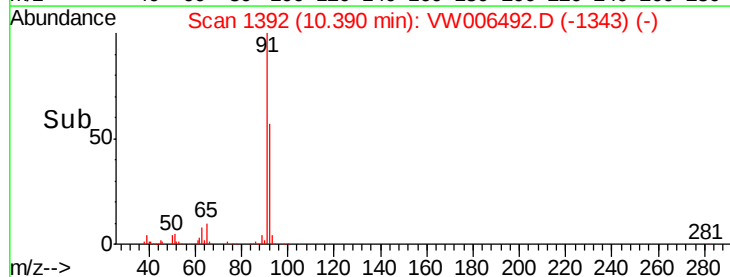
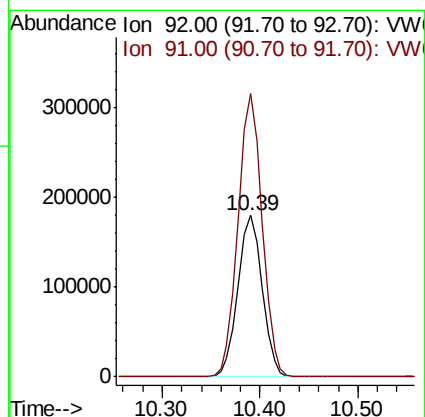
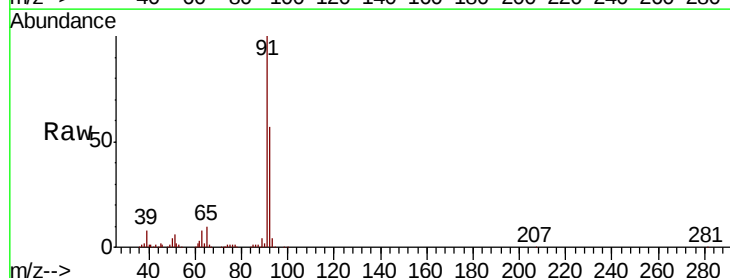
Acq: 30 Oct 2018 10:41

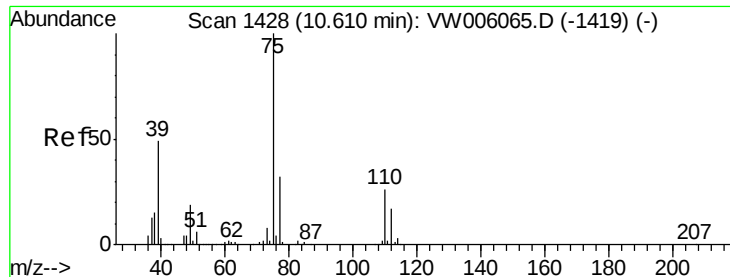
Tgt Ion: 92 Resp: 311383

Ion Ratio Lower Upper

92 100

91 174.1 140.0 210.0





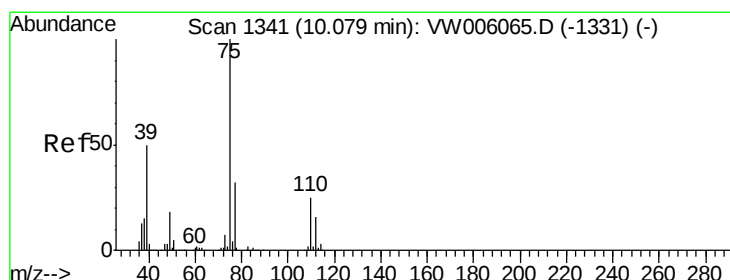
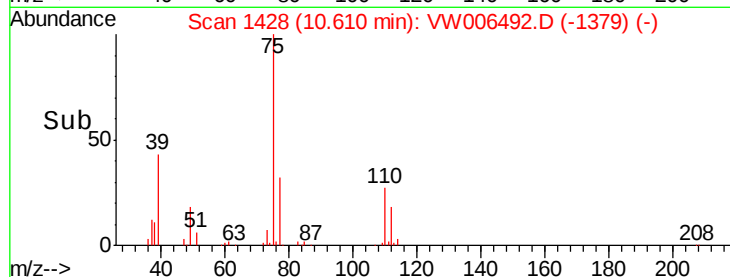
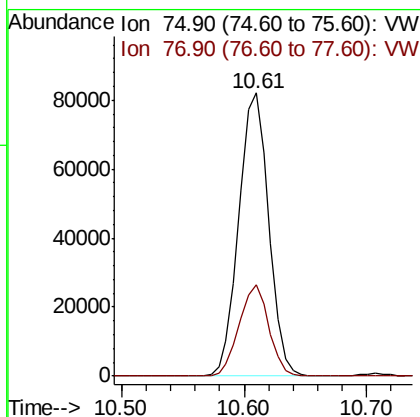
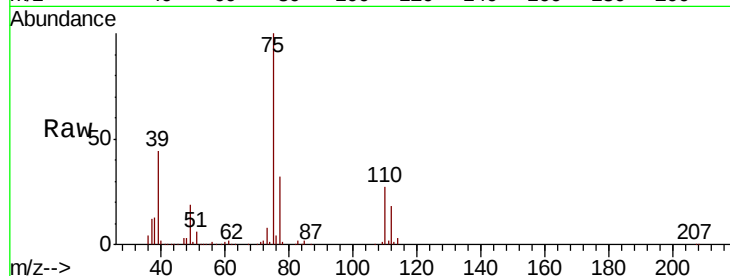
#53
t-1,3-Dichloropropene
Concen: 52.619 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 139409
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

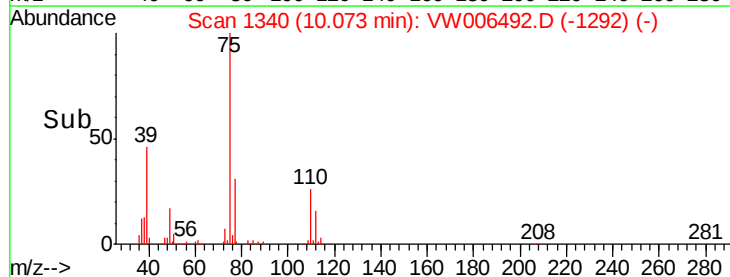
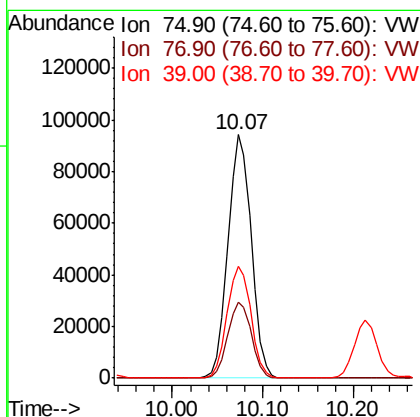
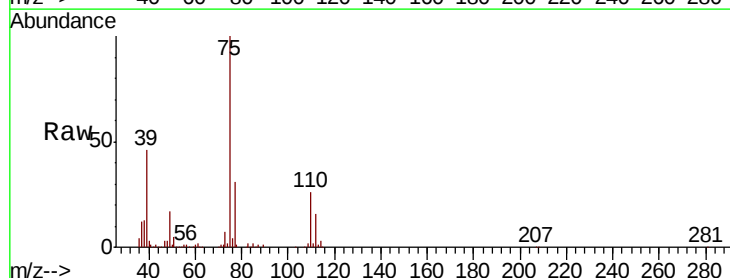
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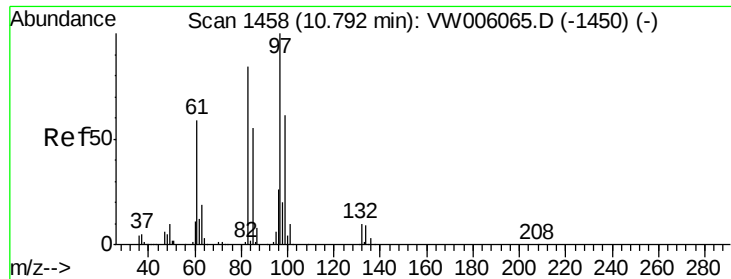
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#54
cis-1,3-Dichloropropene
Concen: 55.144 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion: 75 Resp: 167678
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 45.9 39.9 59.9





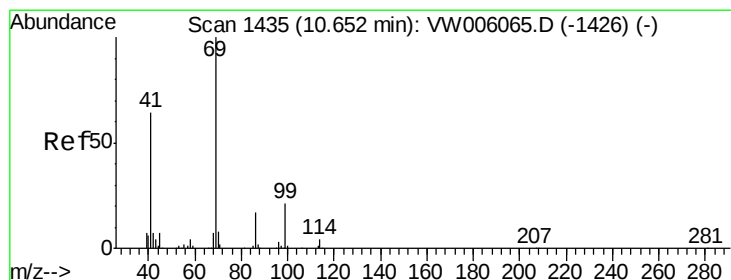
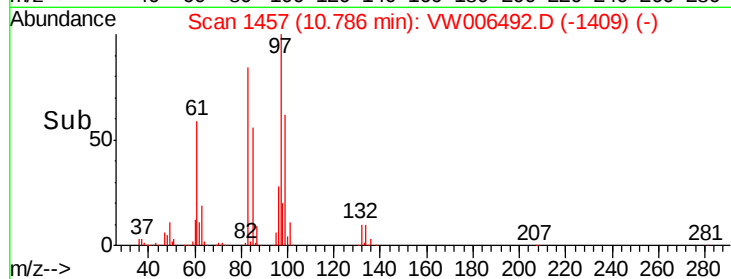
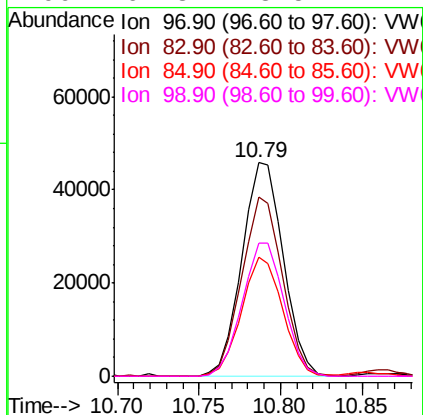
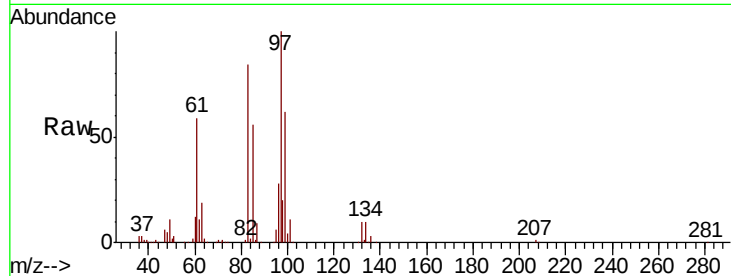
#55
 1,1,2-Trichloroethane
 Concen: 52.975 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	81311
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.2	100.8
85	55.6	43.7	65.5
99	62.3	48.5	72.7

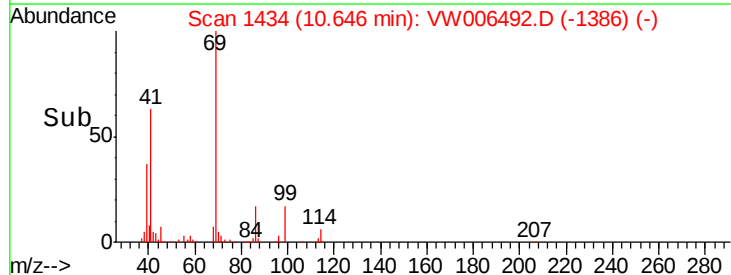
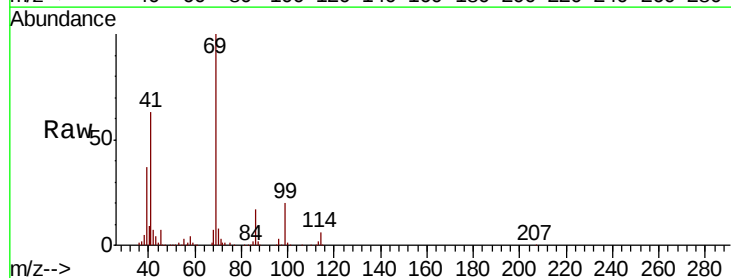
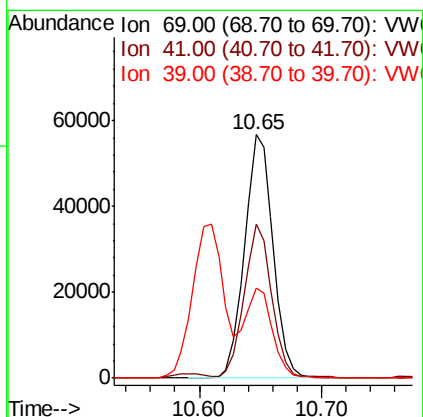
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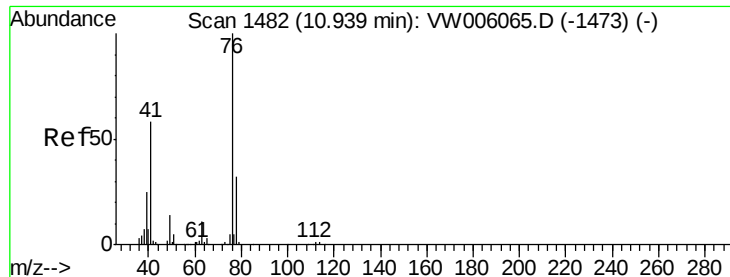
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#56
 Ethyl methacrylate
 Concen: 48.786 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion:	69	Resp:	91799
Ion	Ratio	Lower	Upper
69	100		
41	61.1	52.8	79.2
39	36.3	30.6	45.8





#57

1,3-Dichloropropane

Concen: 52.691 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 133879

Ion Ratio Lower Upper

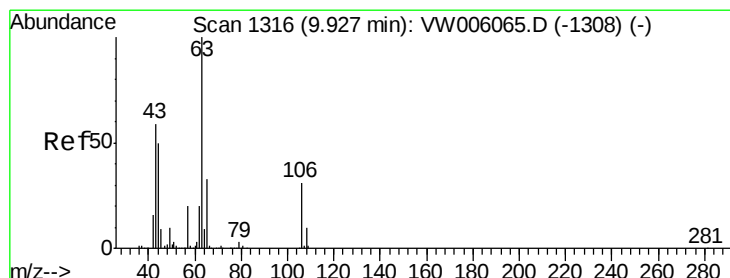
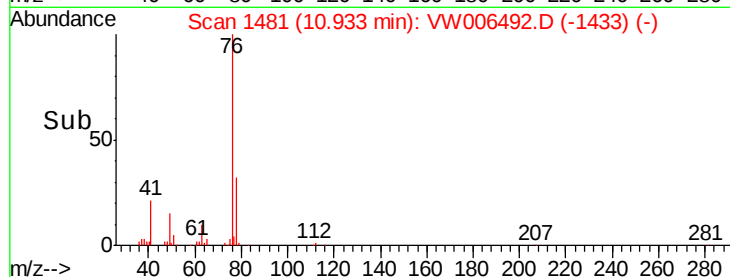
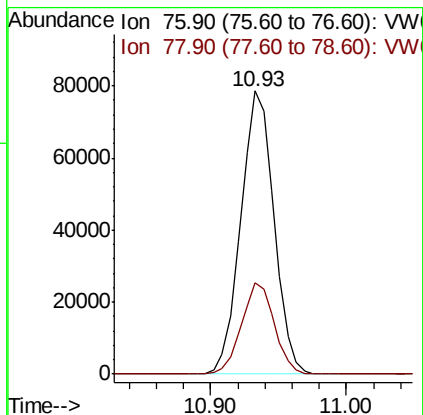
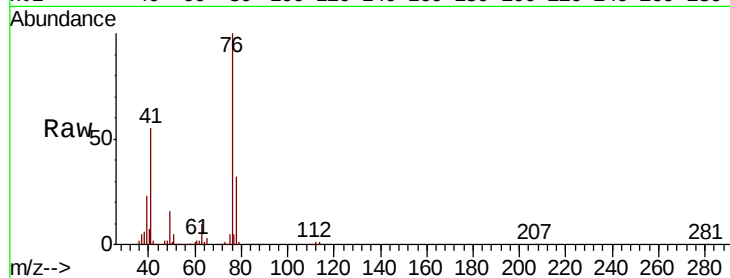
76 100

78 31.8 25.9 38.9

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 237.002 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006492.D

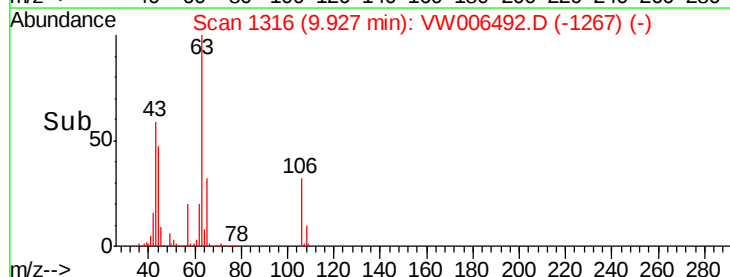
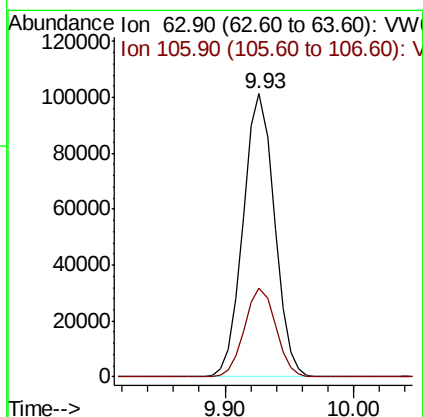
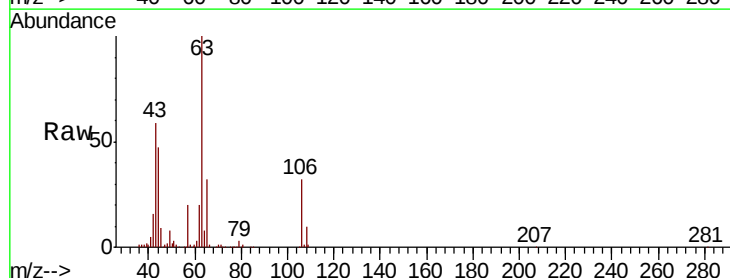
Acq: 30 Oct 2018 10:41

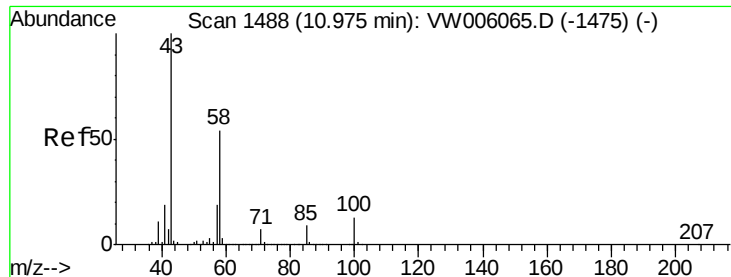
Tgt Ion: 63 Resp: 170404

Ion Ratio Lower Upper

63 100

106 31.4 24.5 36.7





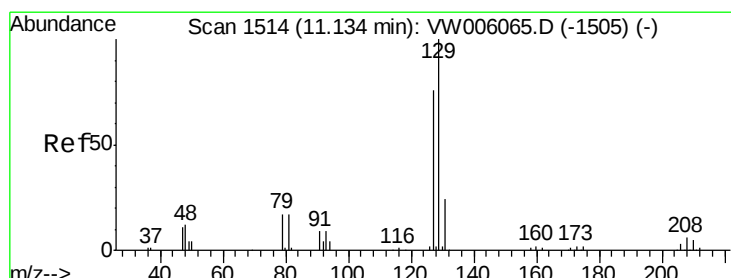
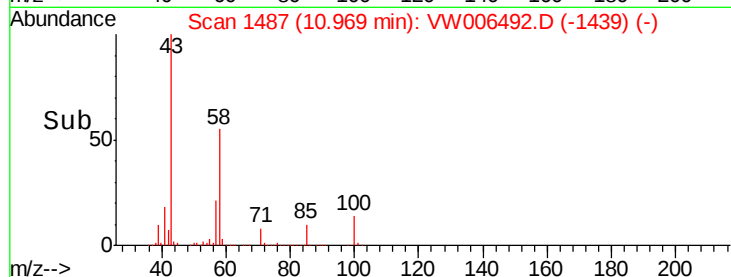
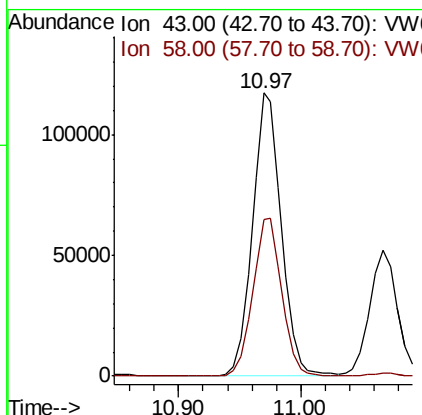
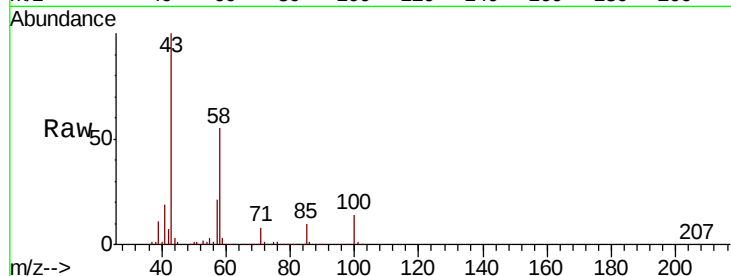
#59
2-Hexanone
Concen: 241.486 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	192359
Ion Ratio	100	Lower	Upper
43	100		
58	56.0	26.9	80.6

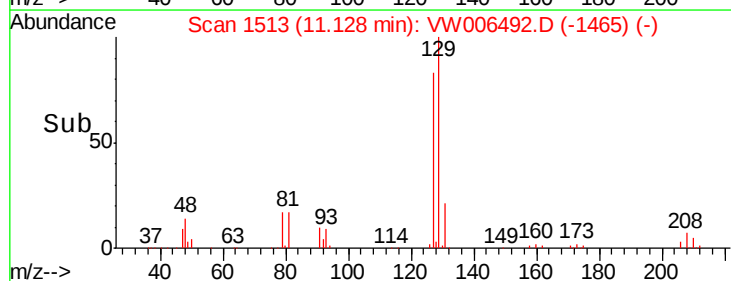
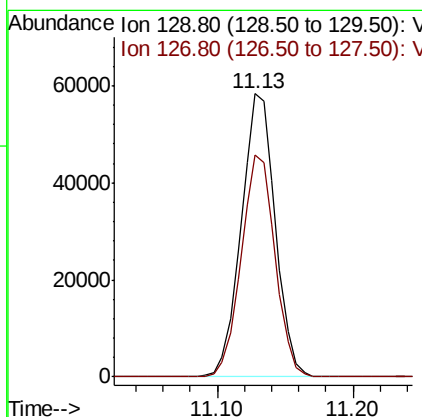
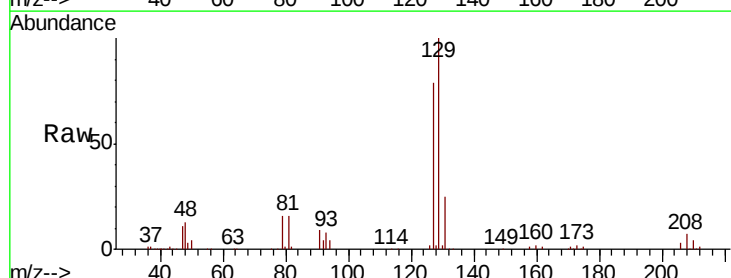
Manual Integrations
APPROVED

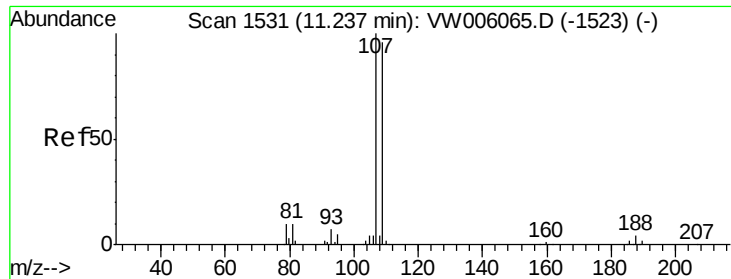
MMDadoda
10/31/2018 12:31:33 PM



#60
Dibromochloromethane
Concen: 53.212 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	129	Resp	101734
Ion Ratio	100	Lower	Upper
129	100		
127	78.0	38.6	115.7





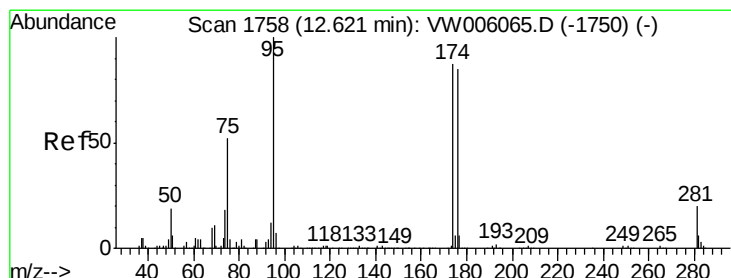
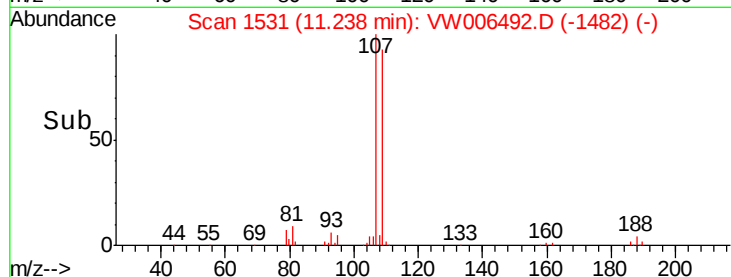
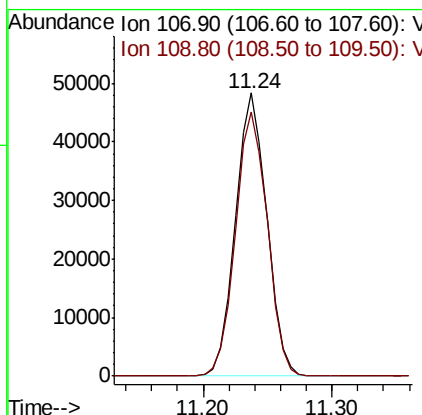
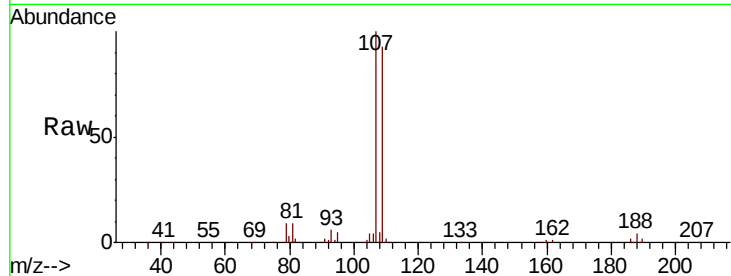
#61
 1,2-Dibromoethane
 Concen: 53.109 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.3	114.5

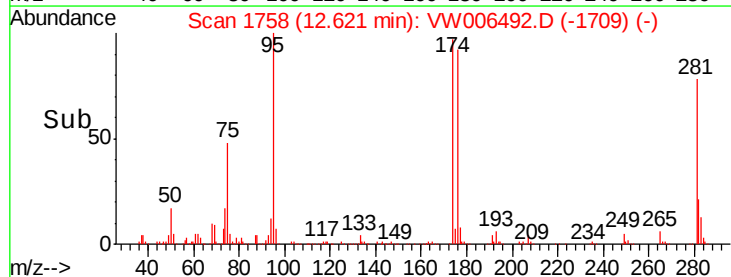
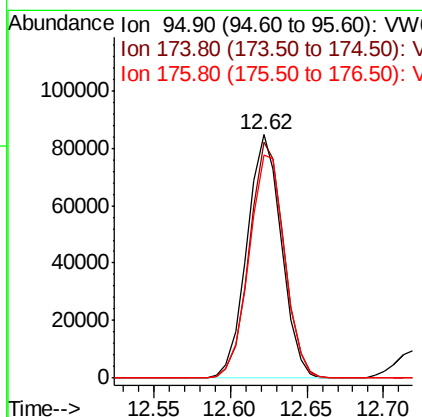
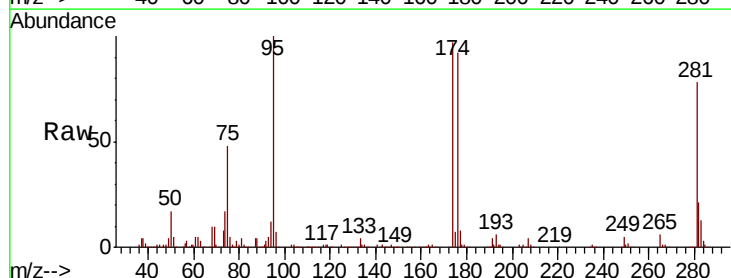
Manual Integrations
 APPROVED

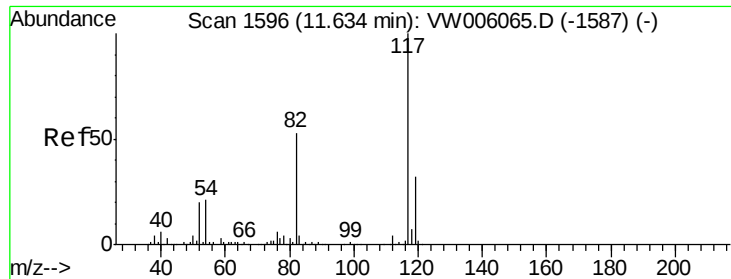
MMDadoda
 10/31/2018 12:31:33 PM



#62
 4-Bromofluorobenzene
 Concen: 49.328 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	186.0
176	94.9	0.0	181.6





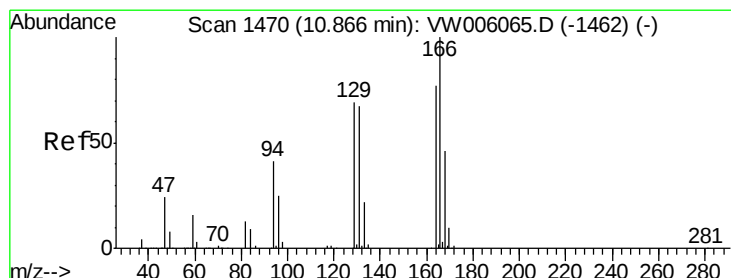
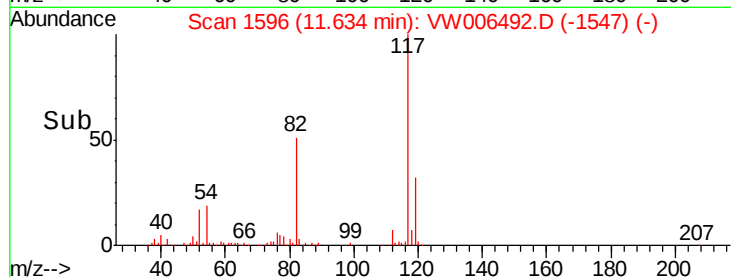
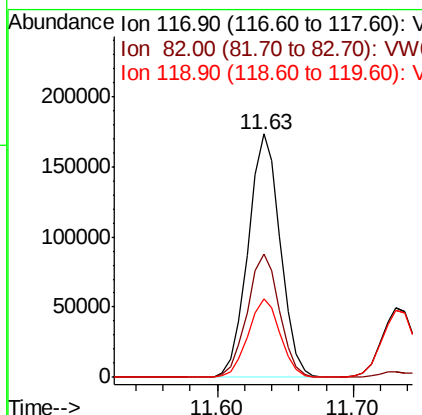
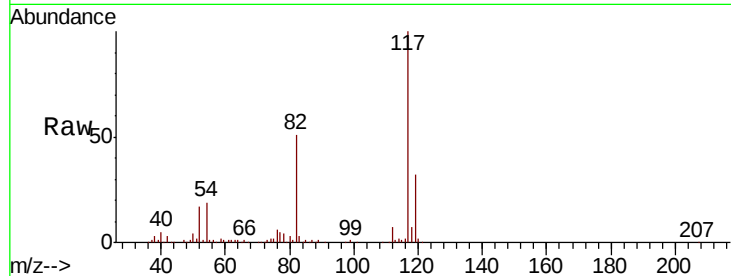
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.1	63.1
119	32.1	25.8	38.6

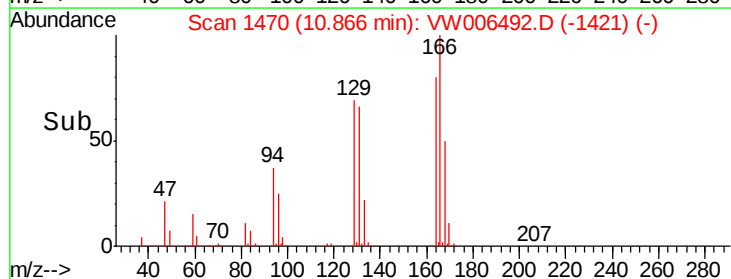
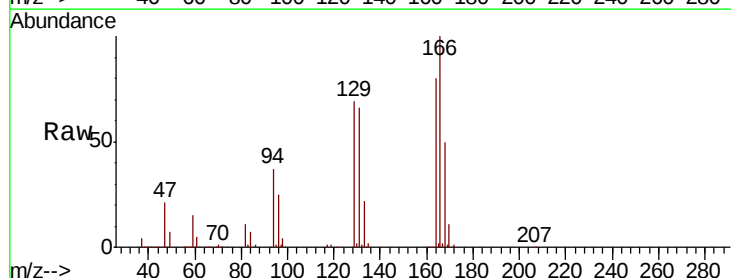
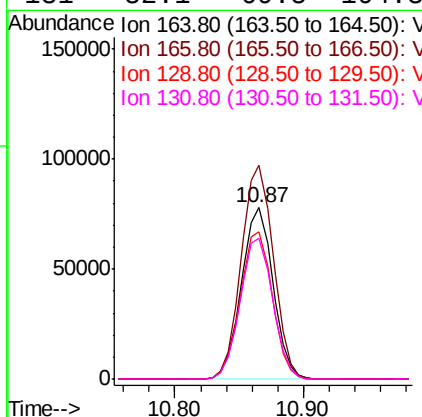
Manual Integrations
APPROVED

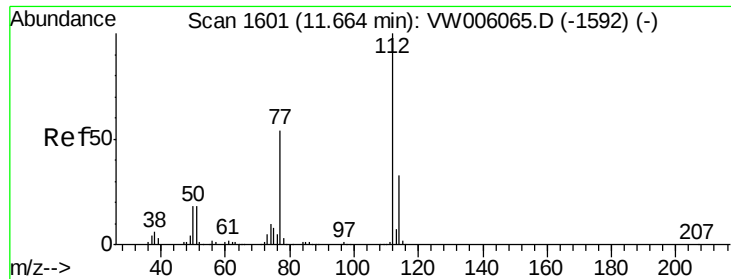
MMDadoda
10/31/2018 12:31:33 PM



#64
Tetrachloroethene
Concen: 59.111 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.4	155.0
129	85.9	71.8	107.8
131	82.1	69.5	104.3





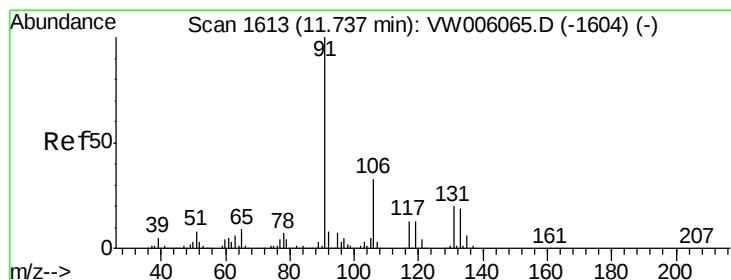
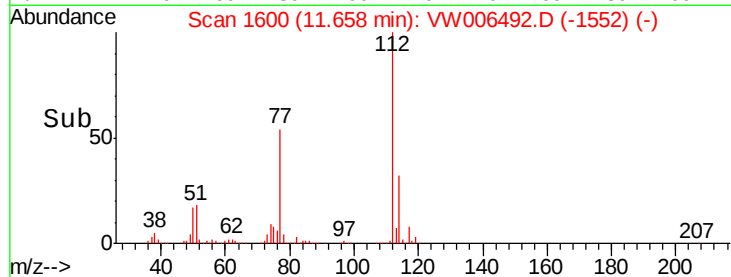
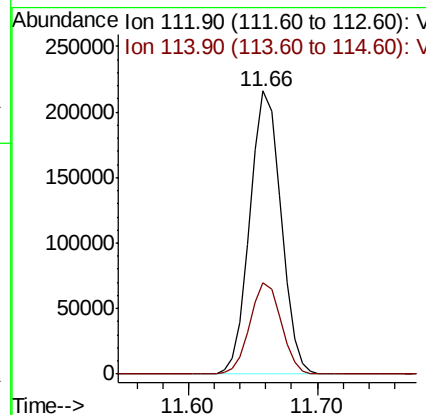
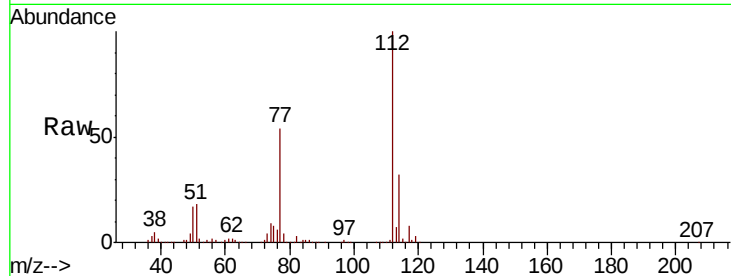
#65
Chlorobenzene
Concen: 58.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.2

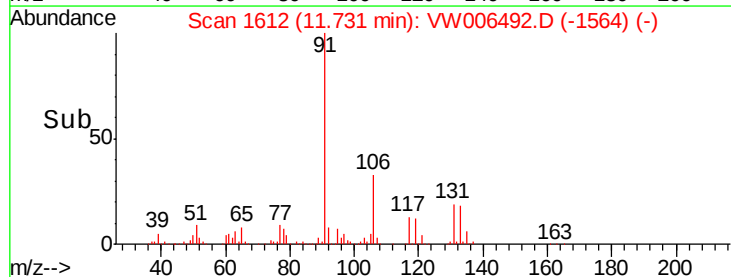
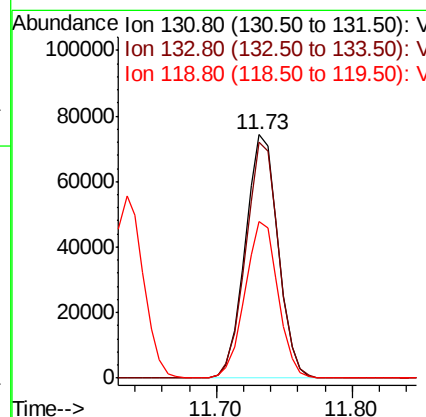
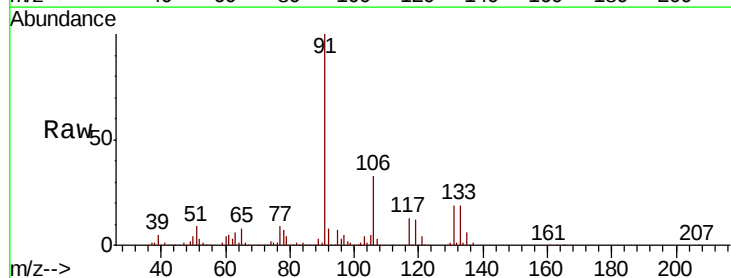
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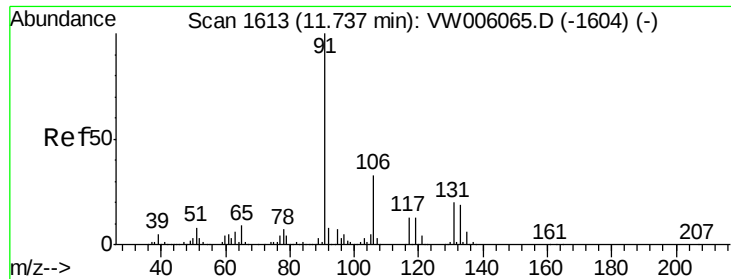
MMDadoda
10/31/2018 12:31:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.498 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.1	144.3
119	64.3	31.6	94.7





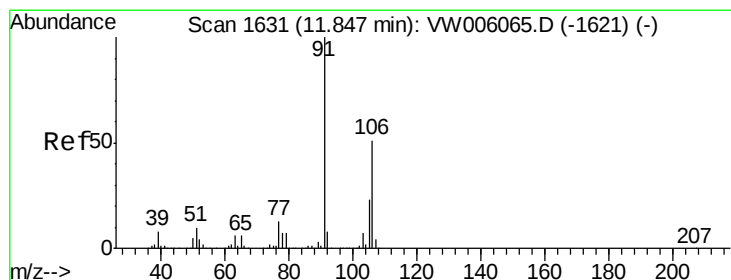
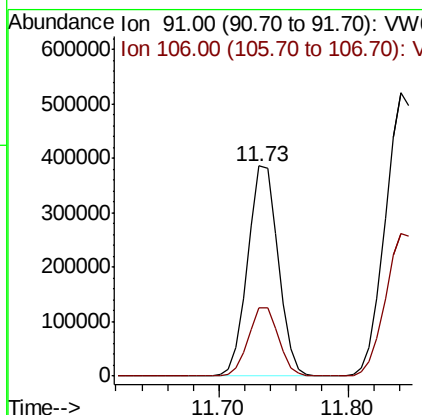
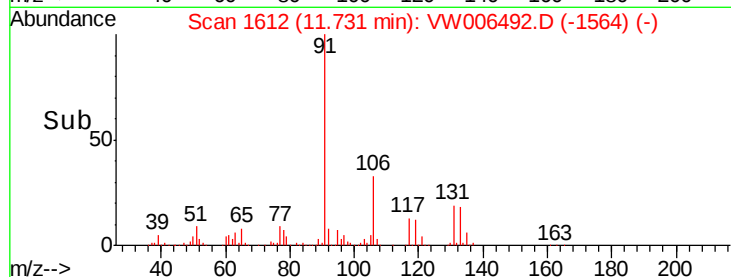
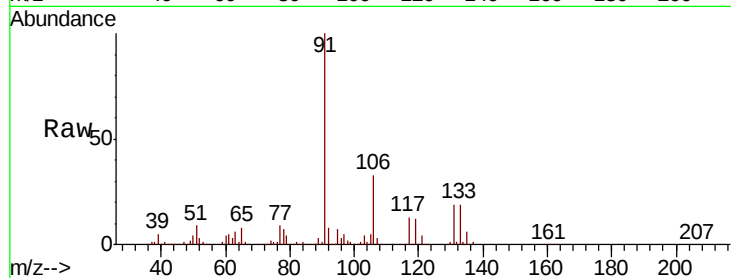
#67
Ethyl Benzene
Concen: 58.806 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 627040
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

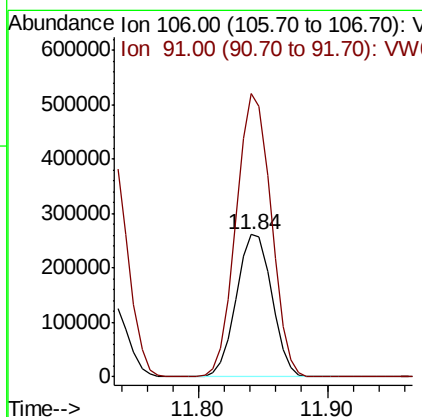
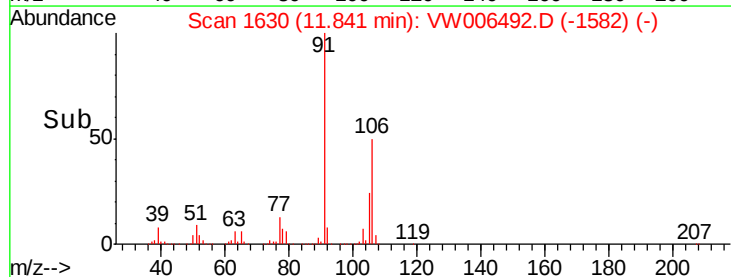
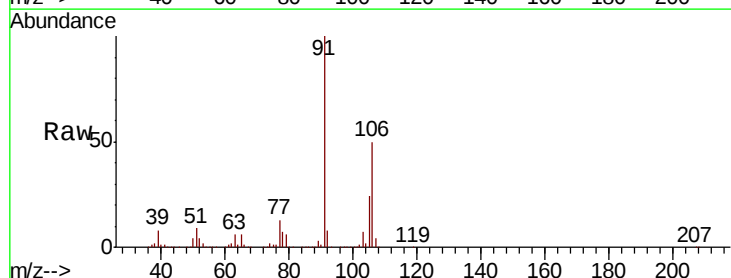
Manual Integrations
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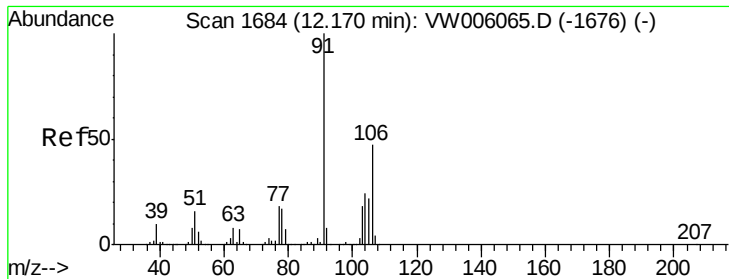
MMDadoda
10/31/2018 12:31:33 PM



#68
m/p-Xylenes
Concen: 118.665 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion: 106 Resp: 500114
Ion Ratio Lower Upper
106 100
91 196.1 159.1 238.7





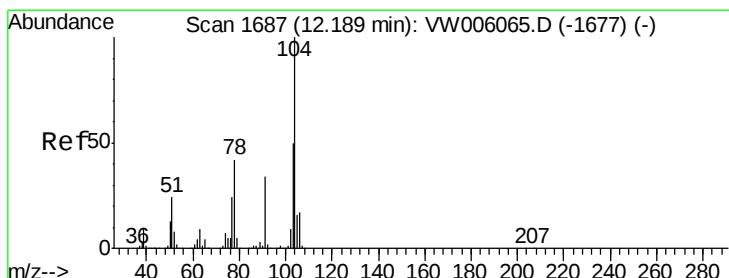
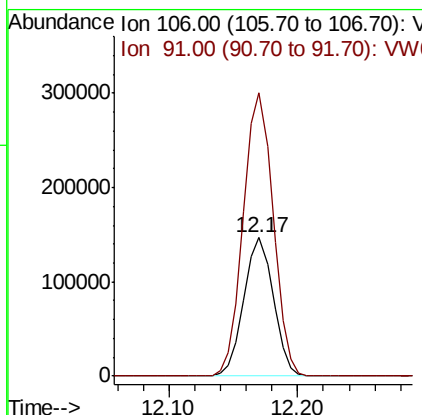
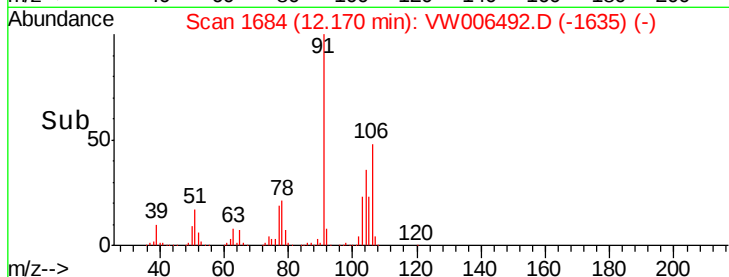
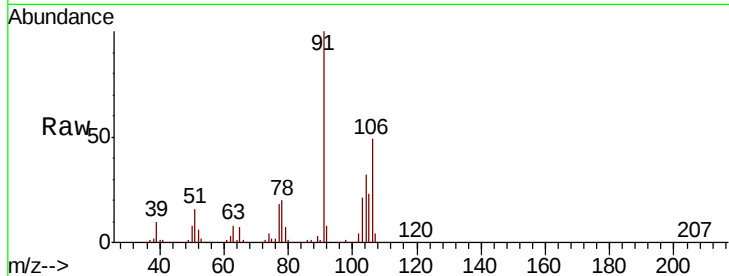
#69
o-Xylene
Concen: 58.086 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		233305		
91	206.7	105.4	316.1		

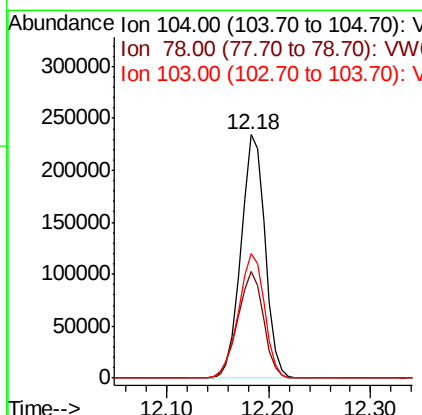
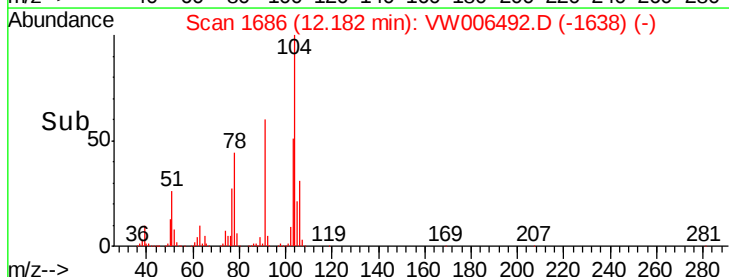
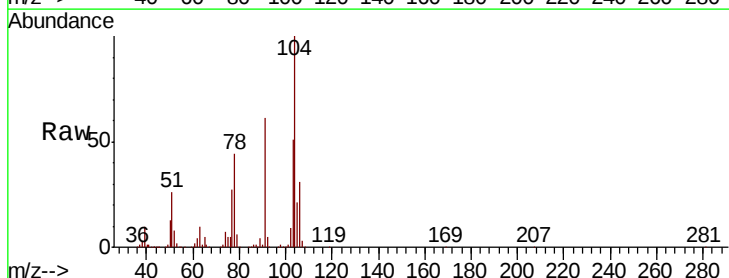
Manual Integrations
APPROVED

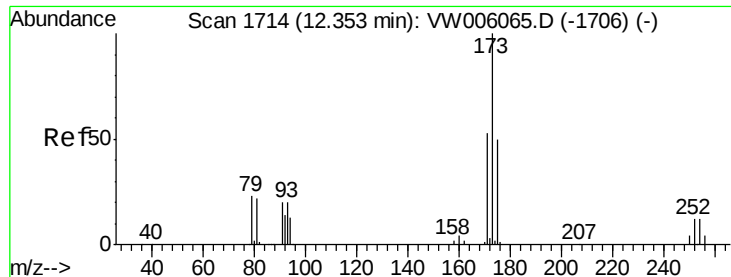
MMDadoda
10/31/2018 12:31:33 PM



#70
Styrene
Concen: 58.296 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		380753		
78	47.1	39.1	58.7		
103	55.3	44.3	66.5		





#71

Bromoform

Concen: 50.985 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 62181

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

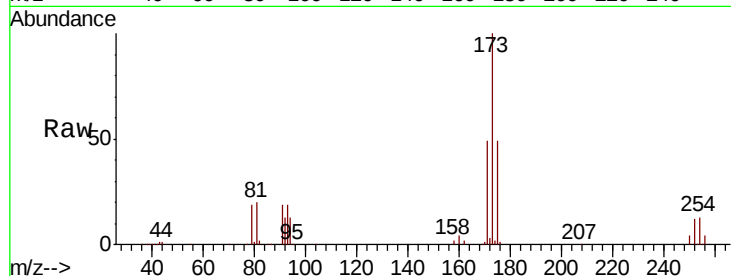
254 0.0 0.1 0.1#

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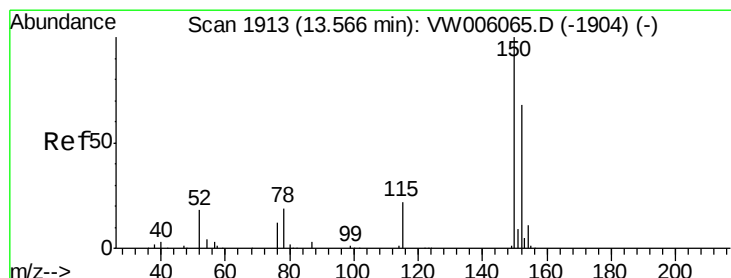
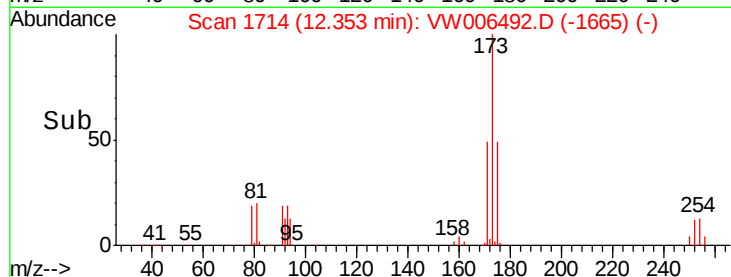
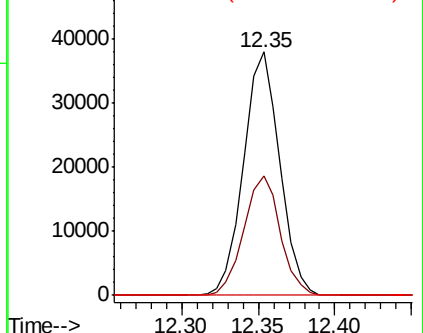
10/31/2018 12:31:33 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

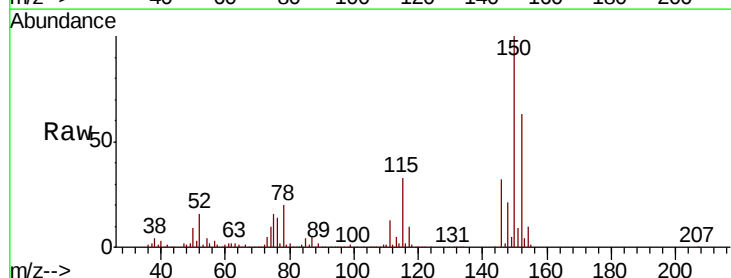
Tgt Ion:152 Resp: 162240

Ion Ratio Lower Upper

152 100

115 53.5 27.8 83.3

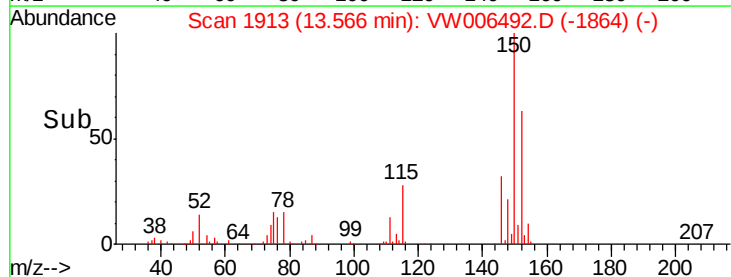
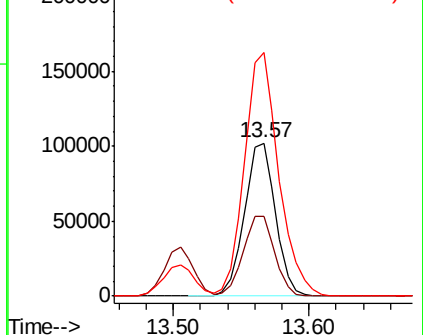
150 176.3 0.0 349.2

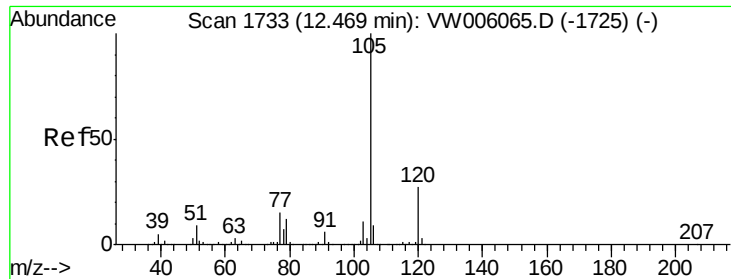


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.743 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 673304

Ion Ratio Lower Upper

105 100

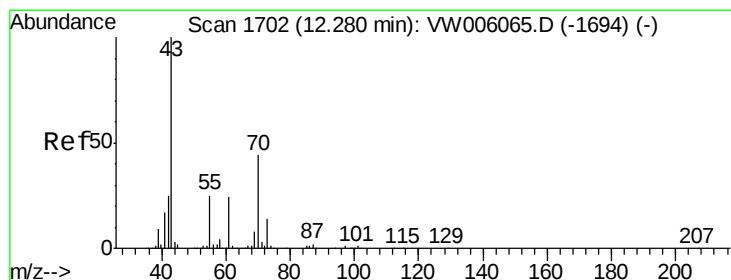
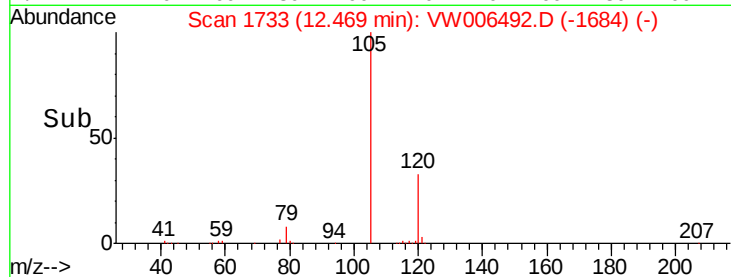
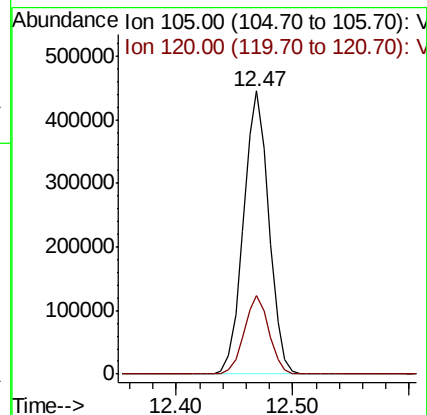
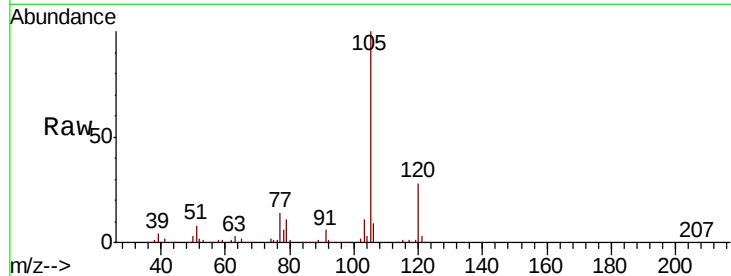
120 27.3 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 43.083 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion: 43 Resp: 95910

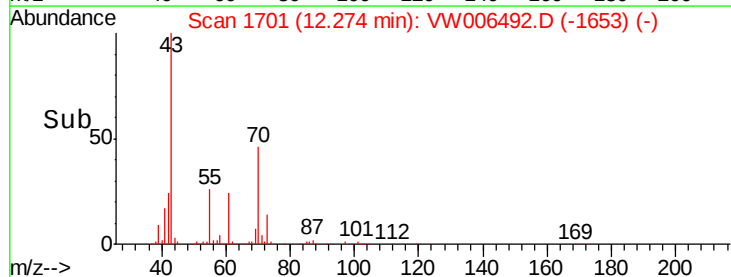
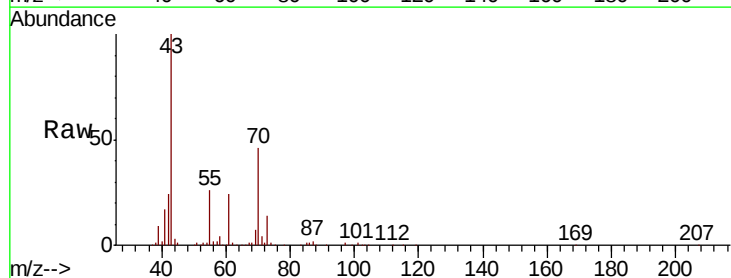
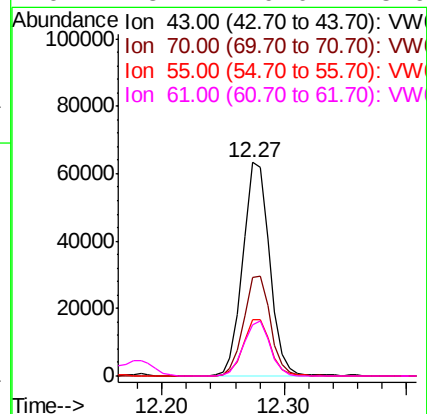
Ion Ratio Lower Upper

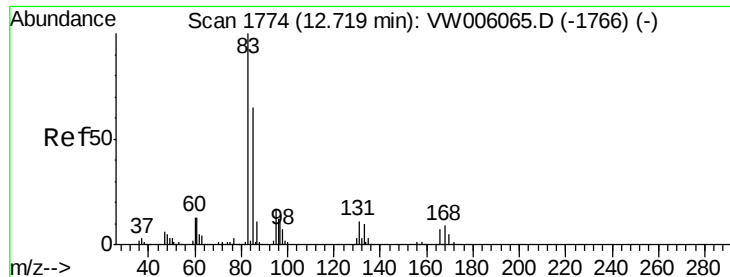
43 100

70 47.2 34.2 51.4

55 27.0 19.2 28.8

61 25.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.900 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

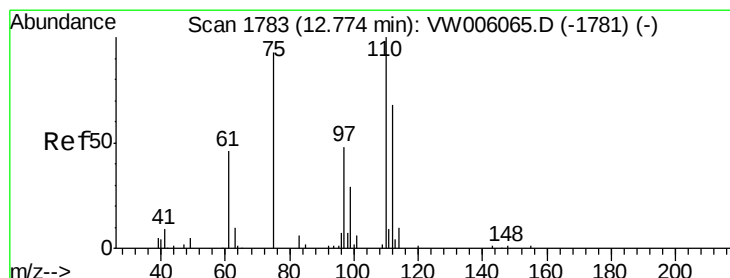
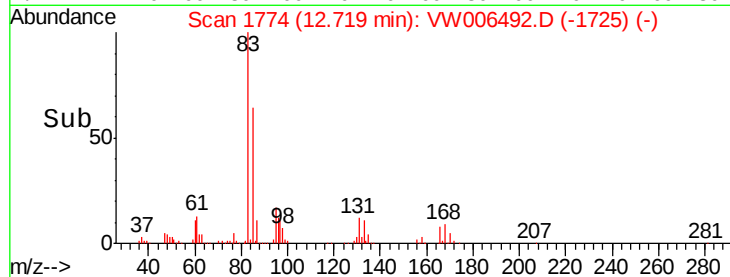
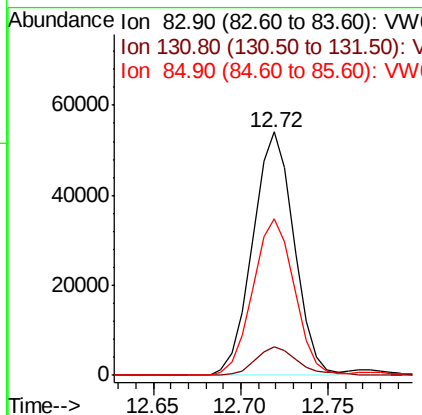
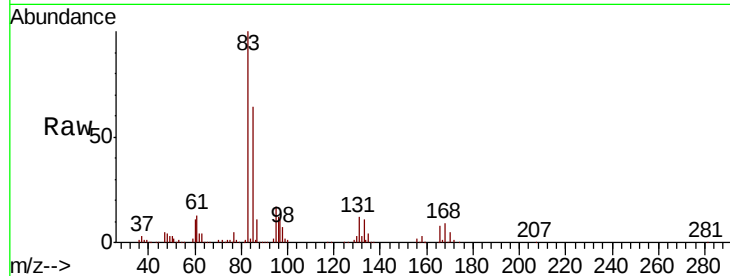
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	88733
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.5	31.9	95.9

Manual Integrations
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10/31/2018 12:31:33 PM



#76

1,2,3-Trichloropropane

Concen: 43.065 ug/l m

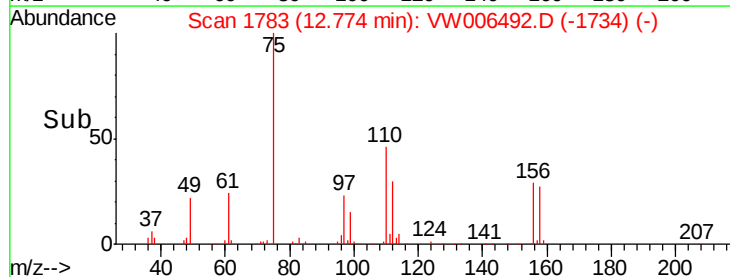
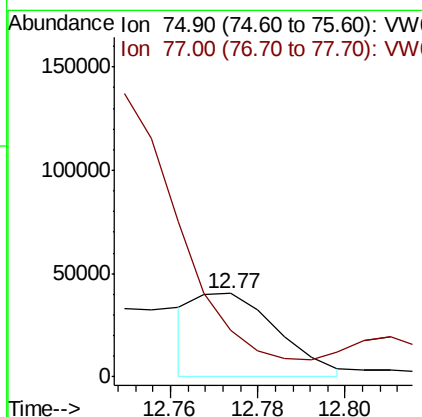
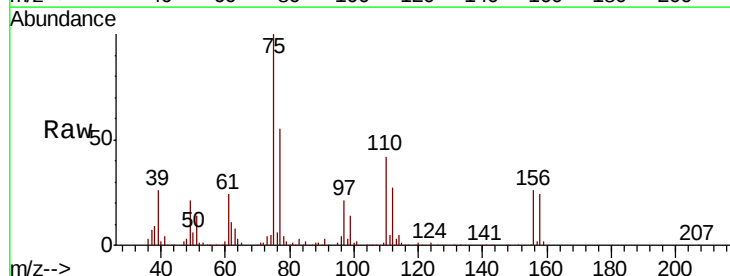
RT: 12.77 min Scan# 1783

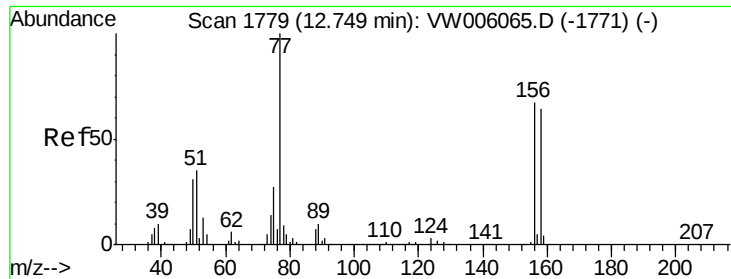
Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	75	Resp:	53366
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.475 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

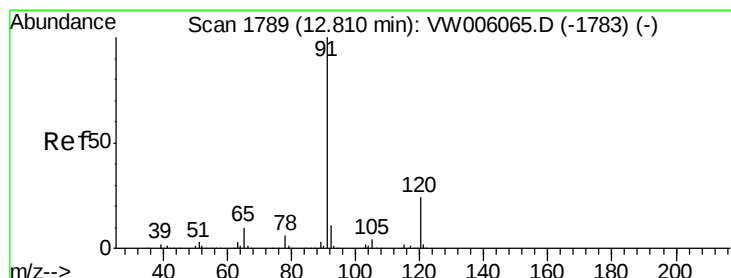
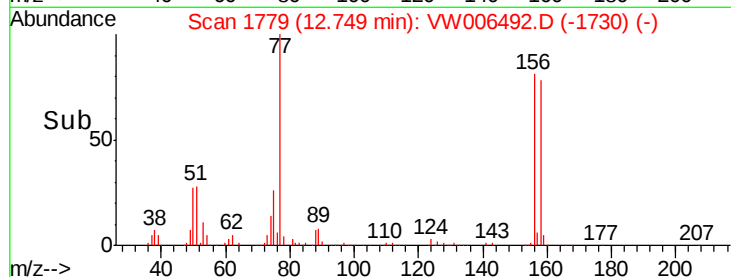
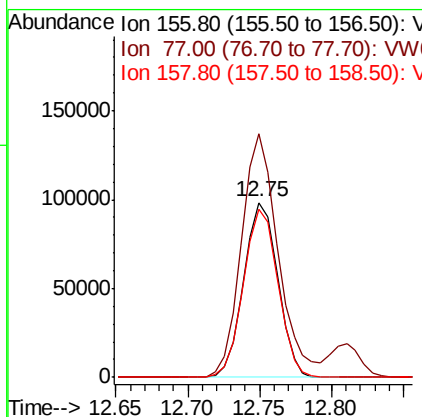
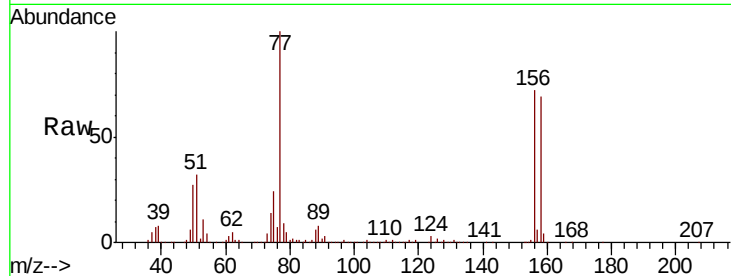
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	161354
Ion Ratio	Lower	Upper	
156	100		
77	150.6	79.1	237.4
158	97.3	48.5	145.6

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#78

n-propylbenzene

Concen: 58.492 ug/l

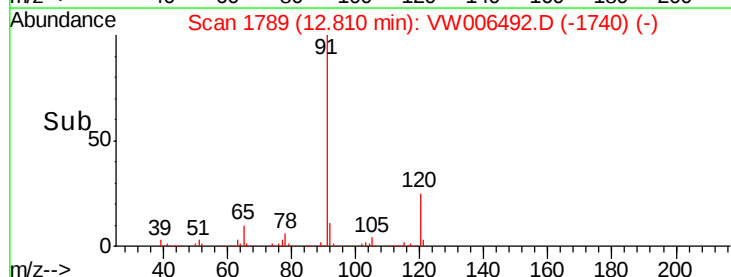
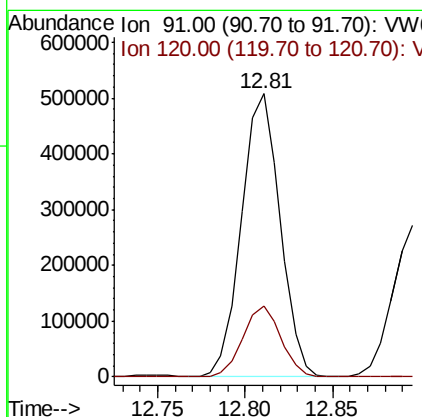
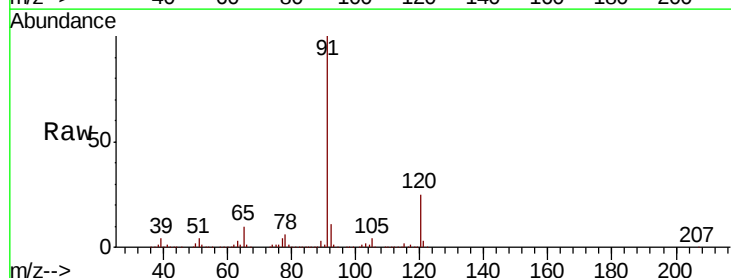
RT: 12.81 min Scan# 1789

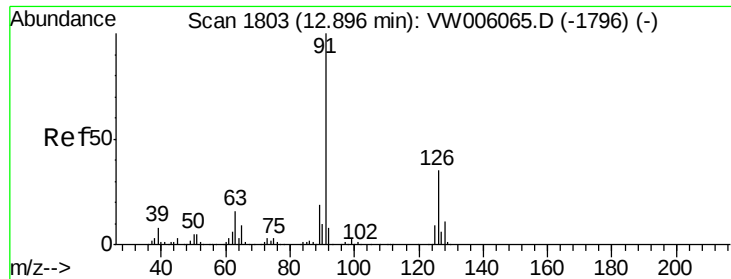
Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Tgt Ion:	91	Resp:	779979
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.2	36.6





#79

2-Chlorotoluene

Concen: 57.655 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006492.D

Acq: 30 Oct 2018 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 431968

Ion Ratio Lower Upper

91 100

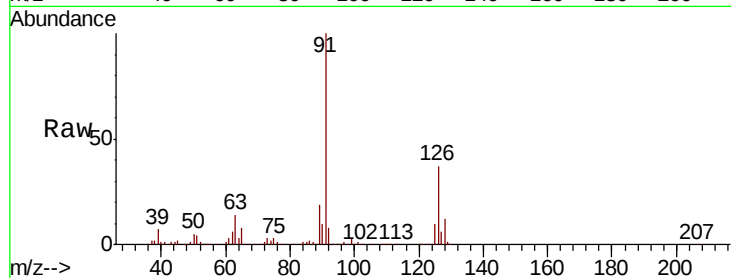
126 36.9 17.9 53.8

Manual Integrations

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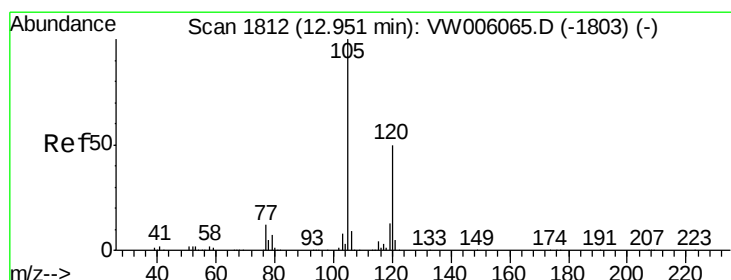
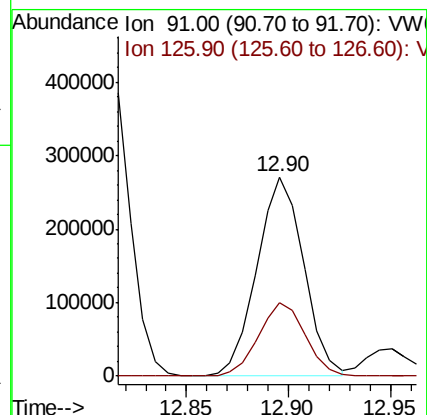
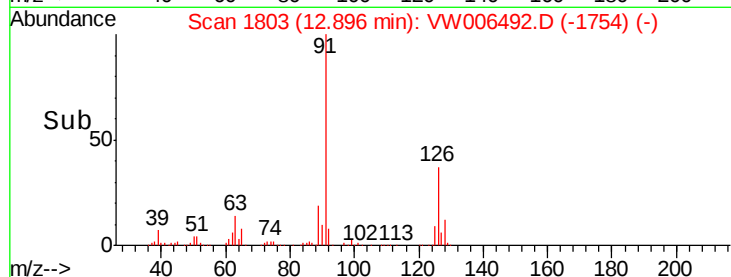
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.519 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006492.D

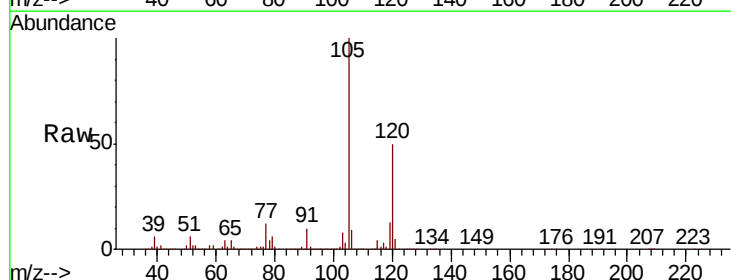
Acq: 30 Oct 2018 10:41

Tgt Ion:105 Resp: 565444

Ion Ratio Lower Upper

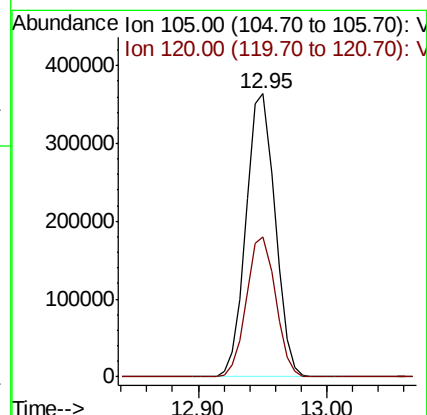
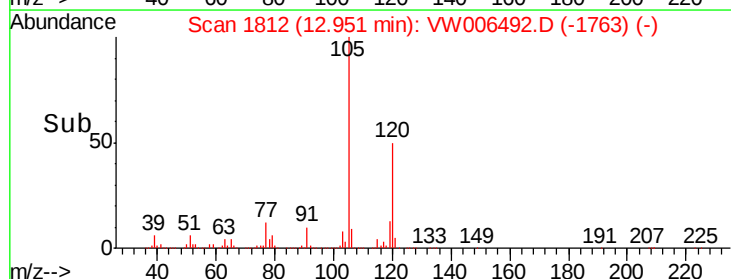
105 100

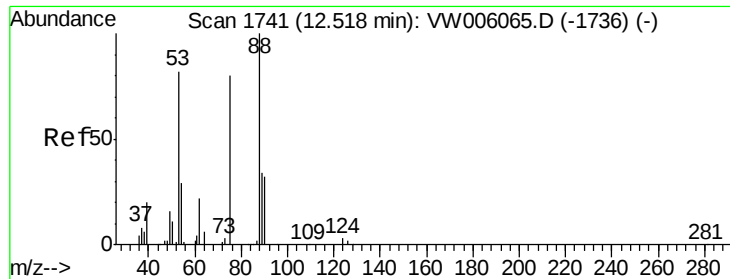
120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





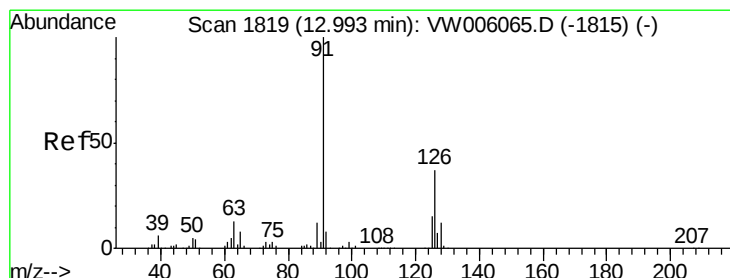
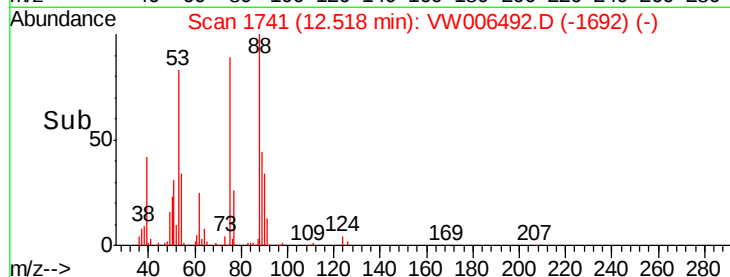
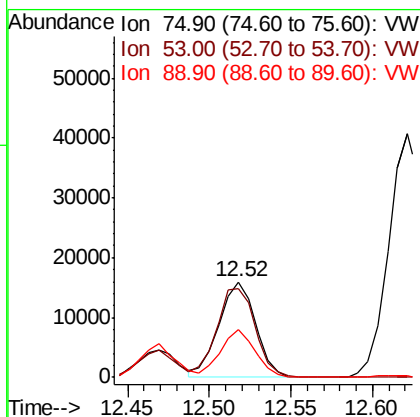
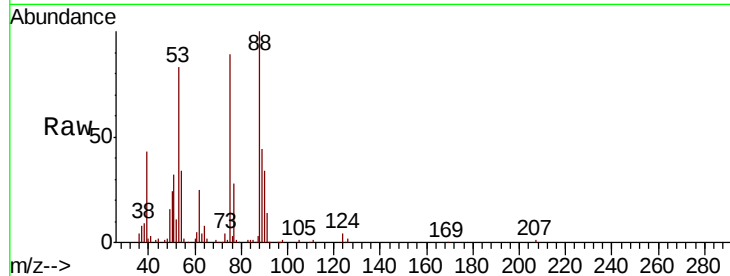
#81
trans-1,4-Dichloro-2-butene
Concen: 48.665 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	79.8	119.6
89	46.5	37.5	56.3

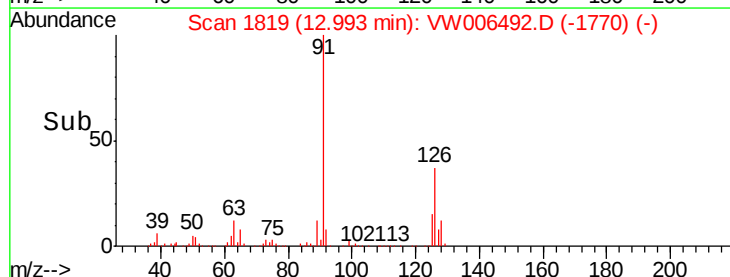
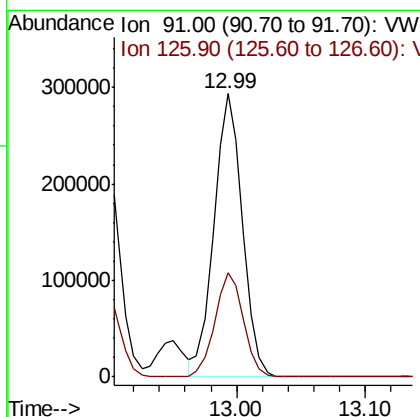
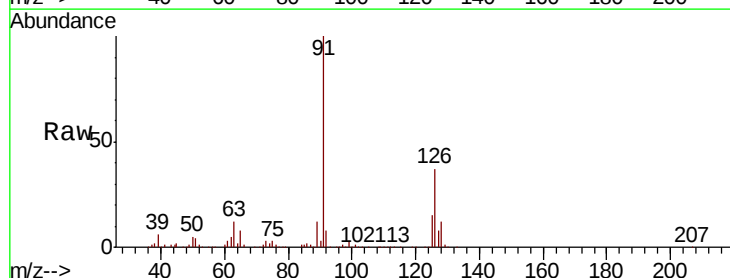
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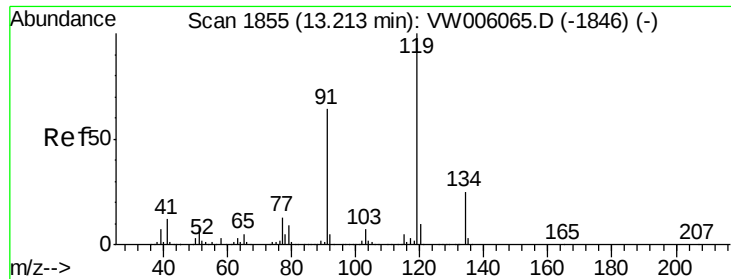
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#82
4-Chlorotoluene
Concen: 57.824 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.1	54.3





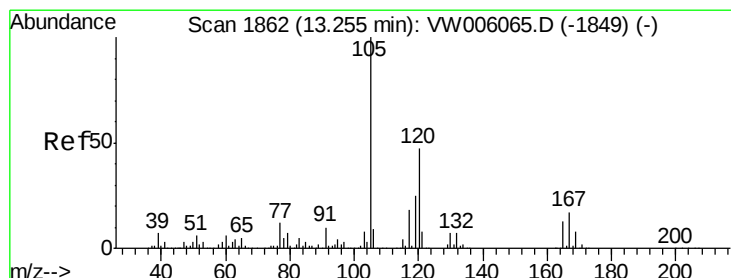
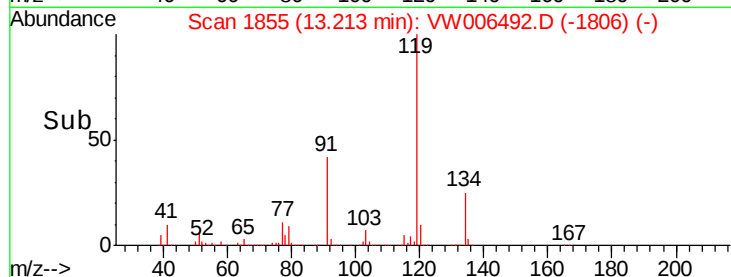
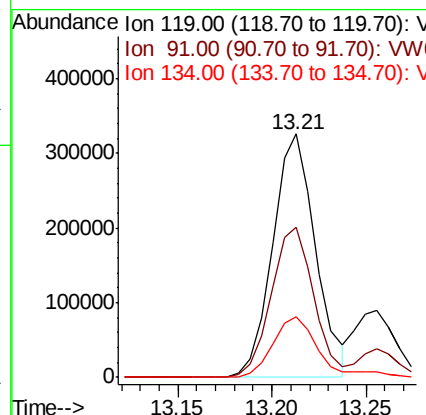
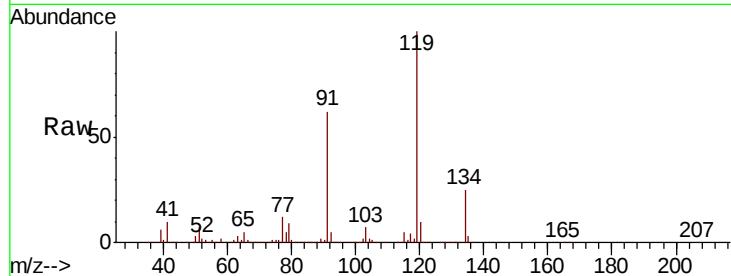
#83
tert-Butylbenzene
Concen: 59.301 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	512660		
91	61.1		32.3	96.9
134	26.9		13.6	40.8

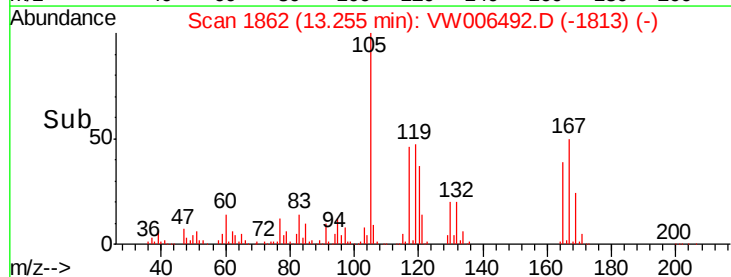
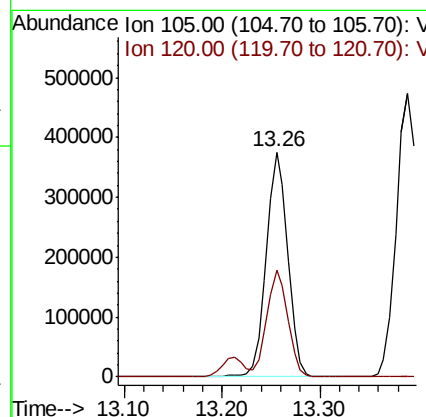
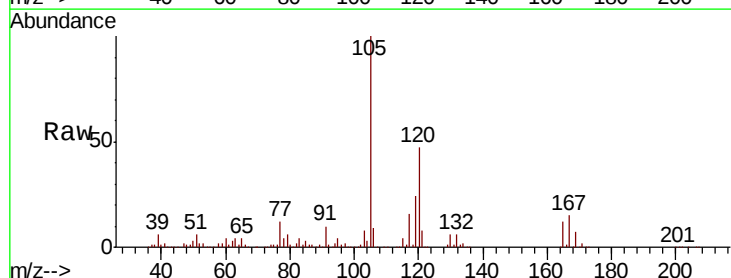
Manual Integrations
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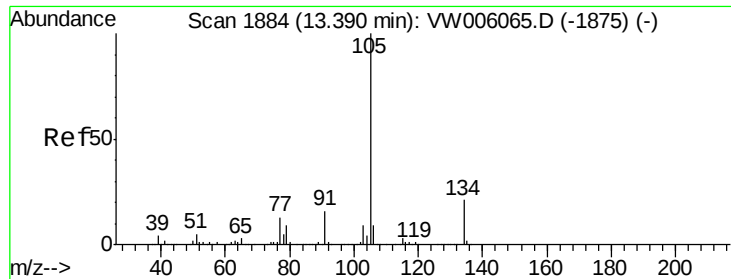
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 58.220 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	569248		
120	46.3		23.1	69.3





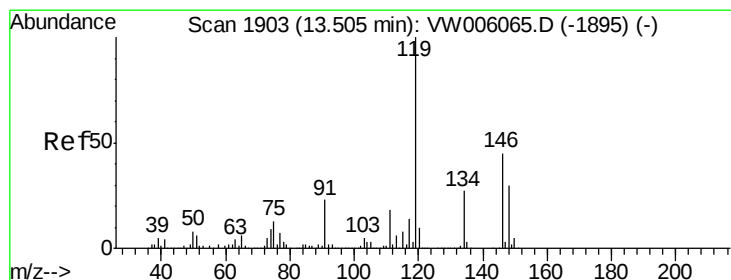
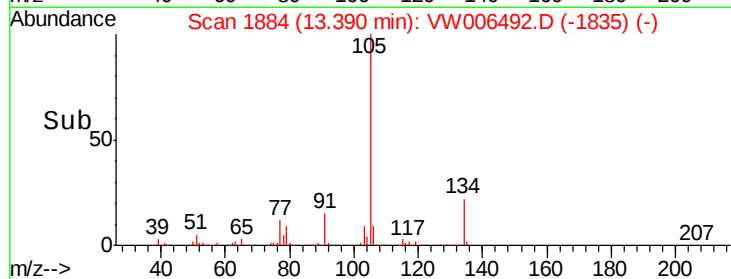
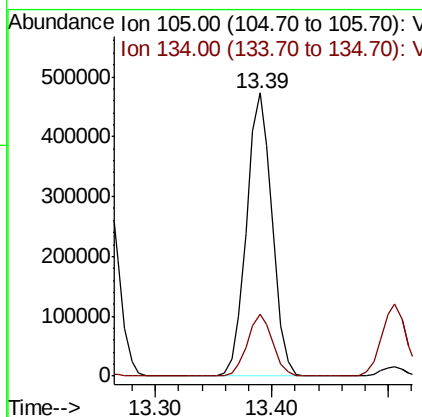
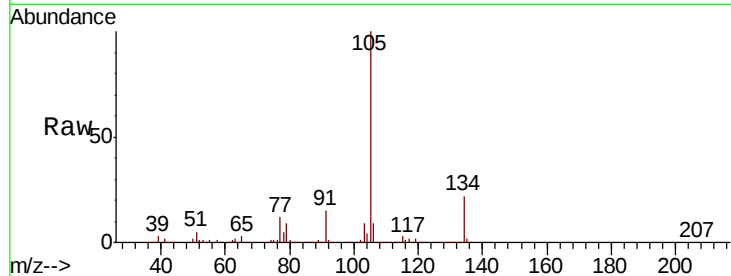
#85
 sec-Butylbenzene
 Concen: 59.128 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.6

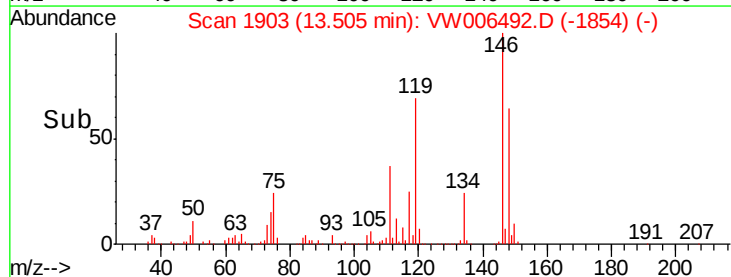
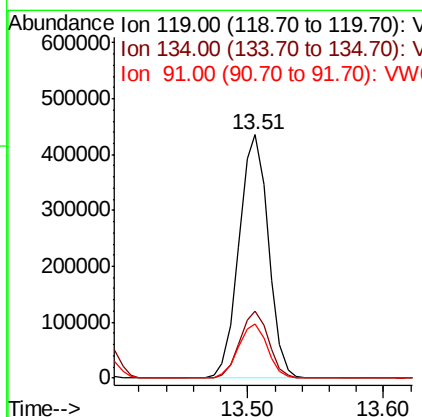
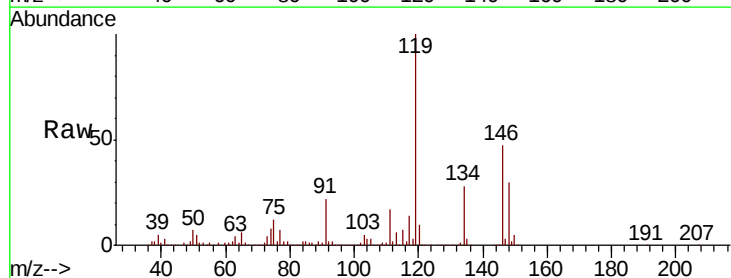
Manual Integrations
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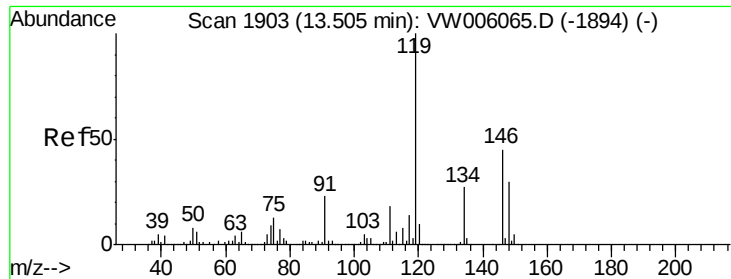
MMDadoda
 10/31/2018 12:31:33 PM



#86
 p-Isopropyltoluene
 Concen: 59.206 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.2
91	22.1	11.4	34.1





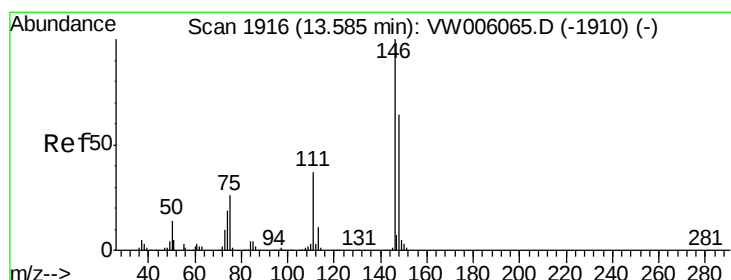
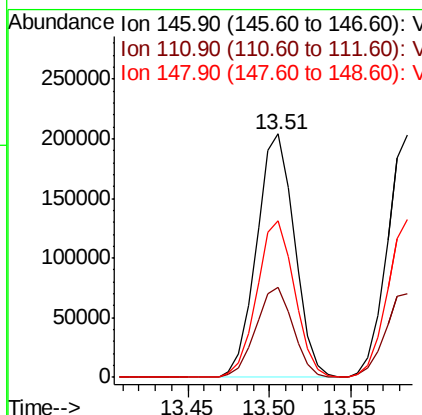
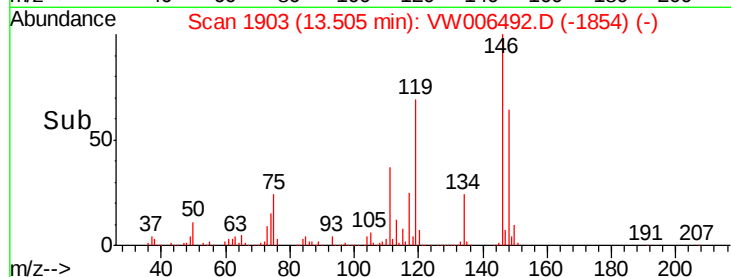
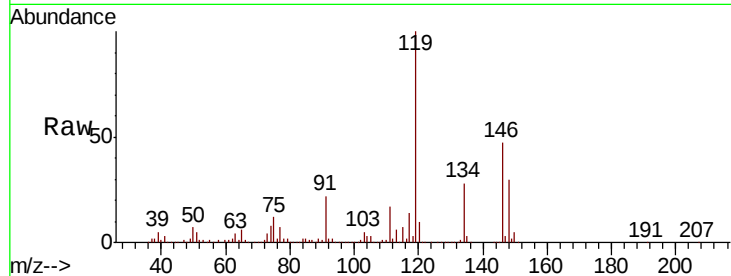
#87
 1,3-Dichlorobenzene
 Concen: 58.875 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.1	57.5
148	63.9	32.0	96.2

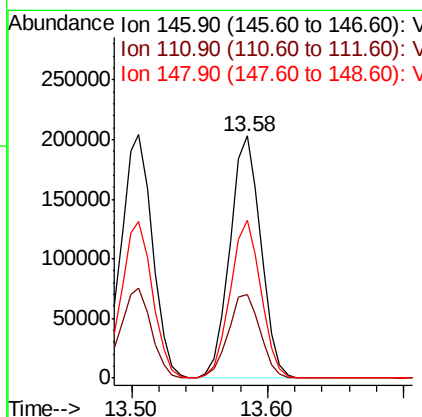
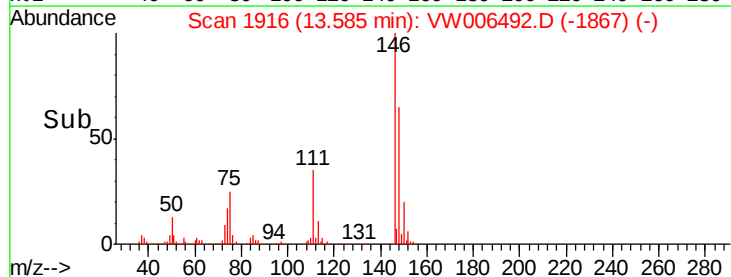
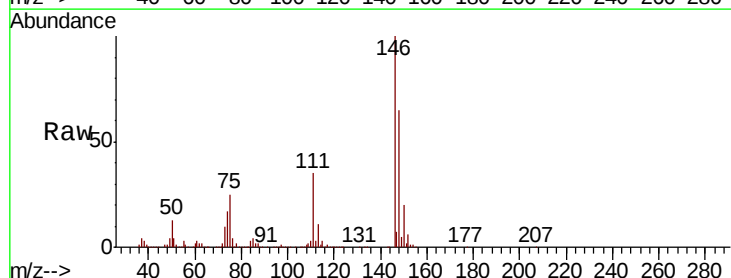
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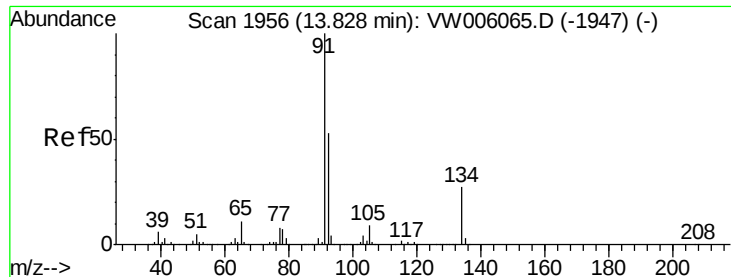
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 57.630 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.6	56.0
148	64.6	32.1	96.5





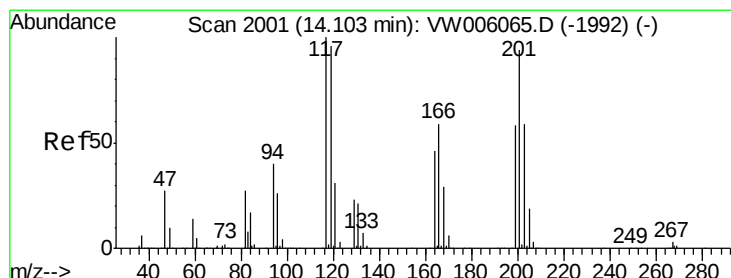
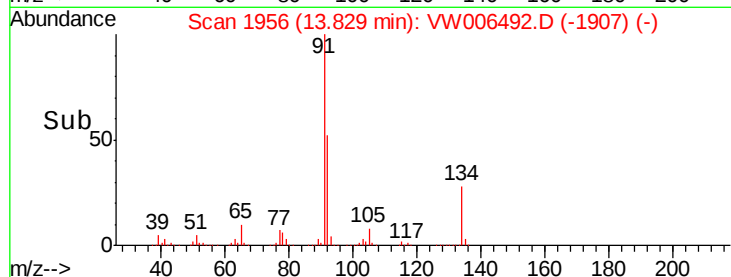
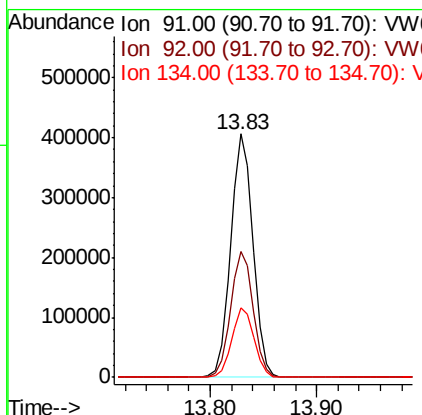
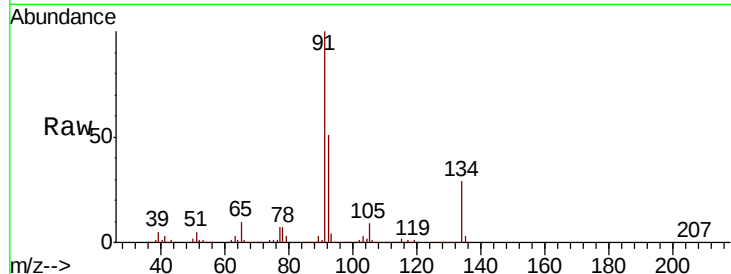
#89
n-Butylbenzene
Concen: 58.848 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.6	79.7
134	28.6	14.0	41.9

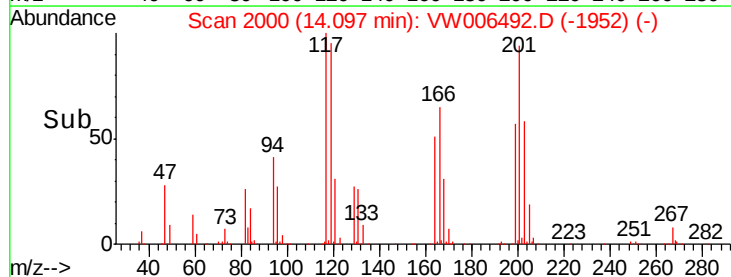
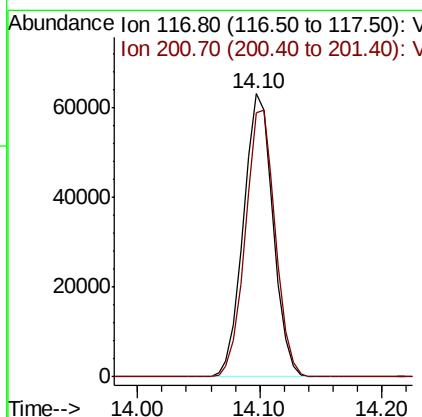
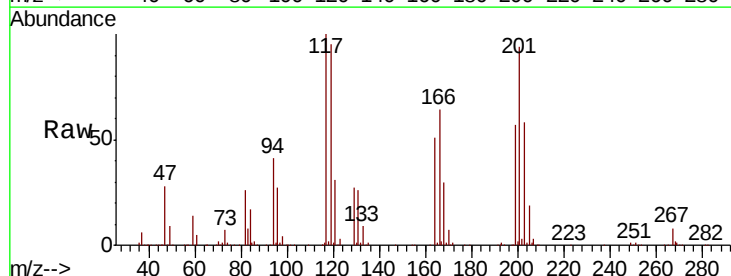
Manual Integrations
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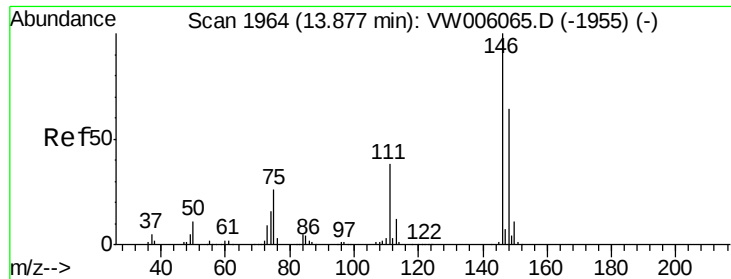
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#90
Hexachloroethane
Concen: 56.863 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	45.3	135.9





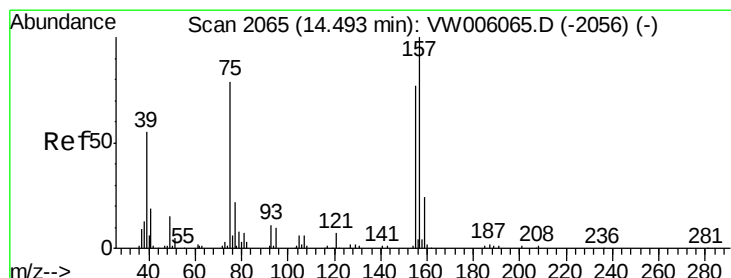
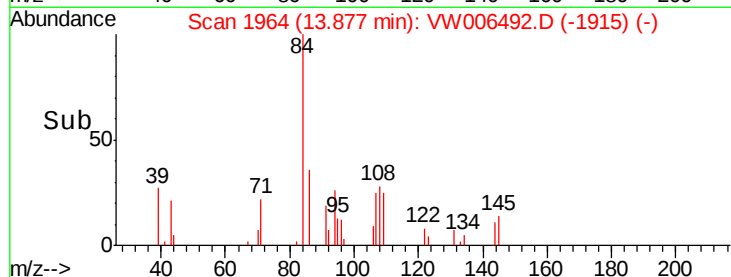
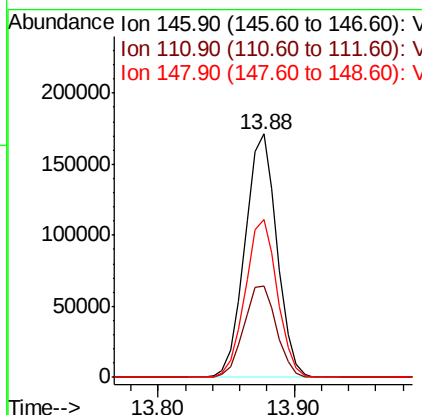
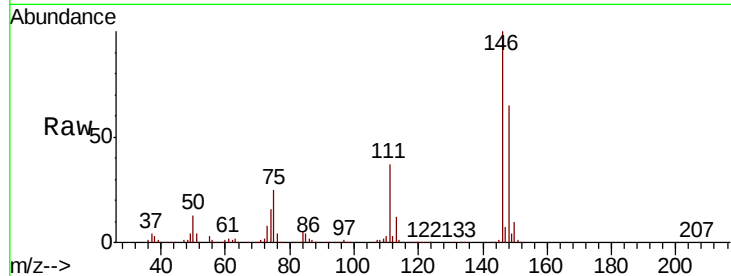
#91
 1,2-Dichlorobenzene
 Concen: 56.350 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280829		
111	38.5		19.6	58.7
148	65.1		32.2	96.6

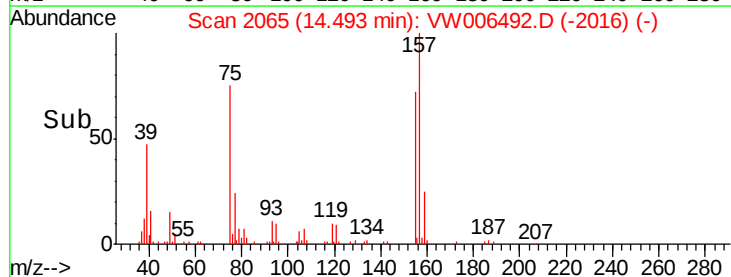
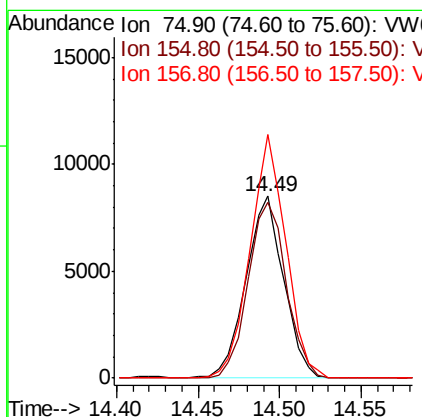
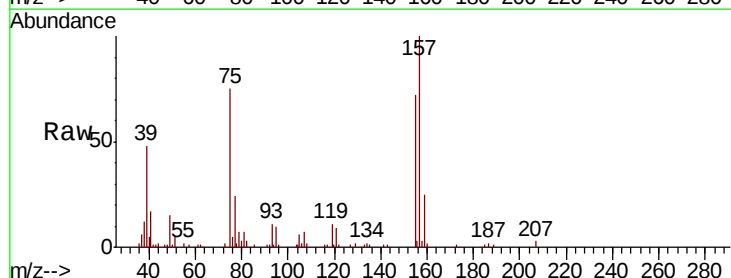
Manual Integrations
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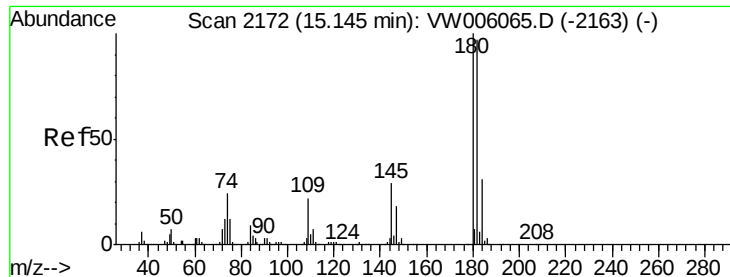
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.794 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13669		
155	97.7		46.5	139.5
157	126.7		59.8	179.4





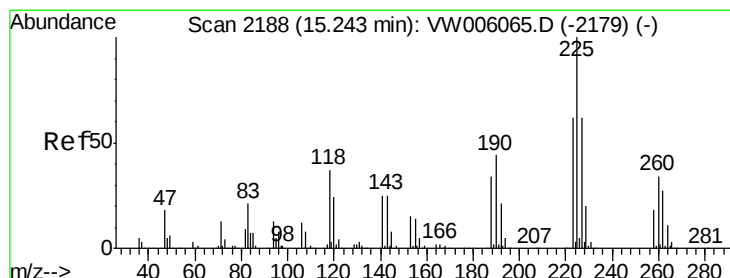
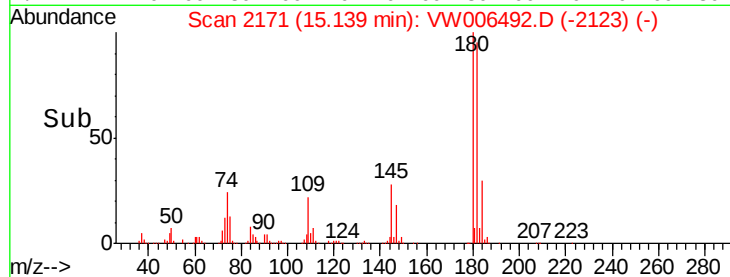
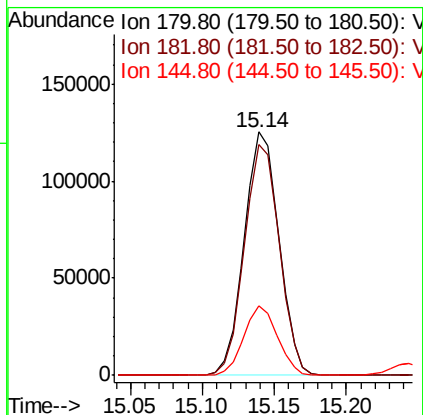
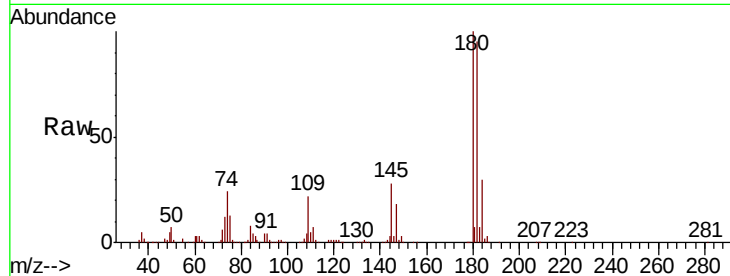
#93
 1,2,4-Trichlorobenzene
 Concen: 54.541 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209147		
182	95.5	47.9	143.6	
145	27.7	14.2	42.8	

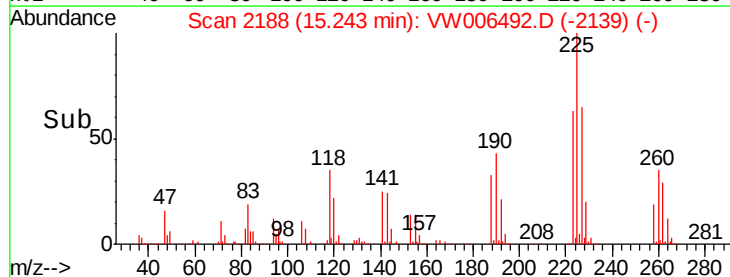
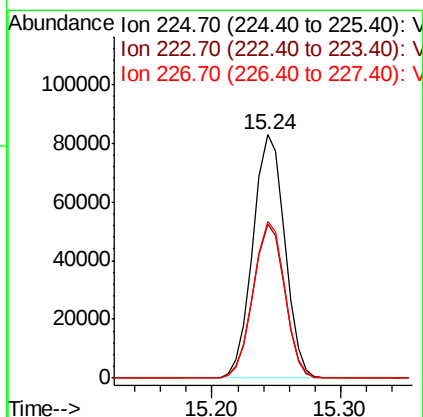
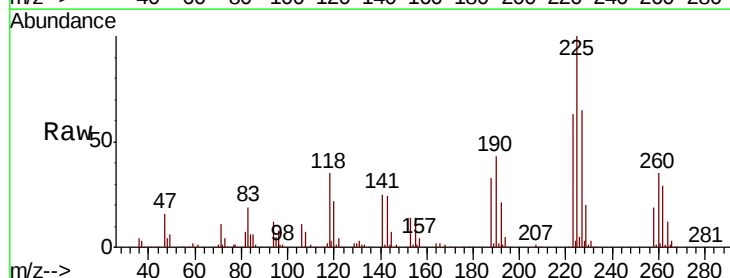
Manual Integrations
 APPROVED

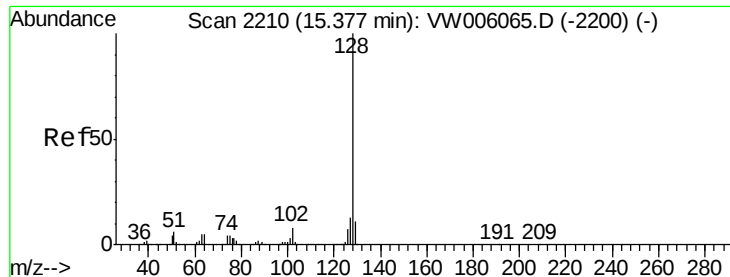
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#94
 Hexachlorobutadiene
 Concen: 58.596 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006492.D
 Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141152		
223	62.9	31.1	93.5	
227	64.0	32.4	97.0	





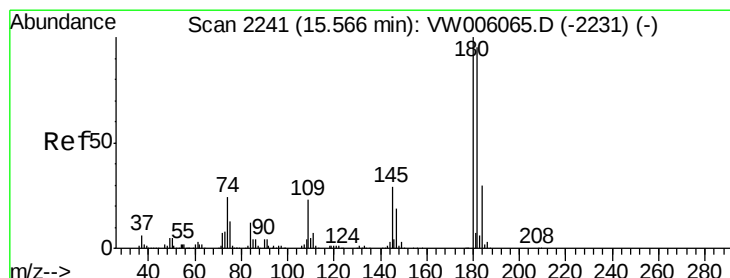
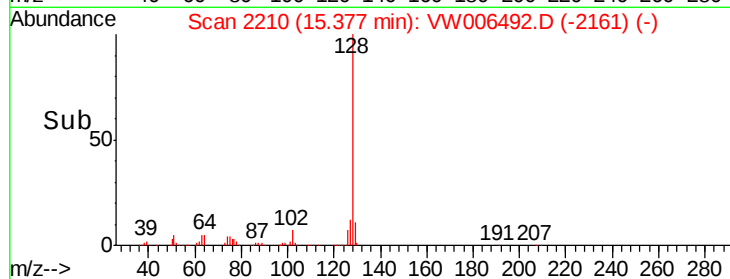
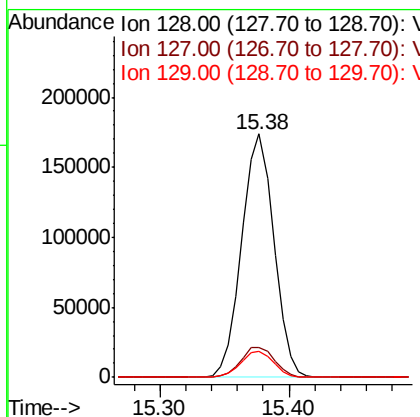
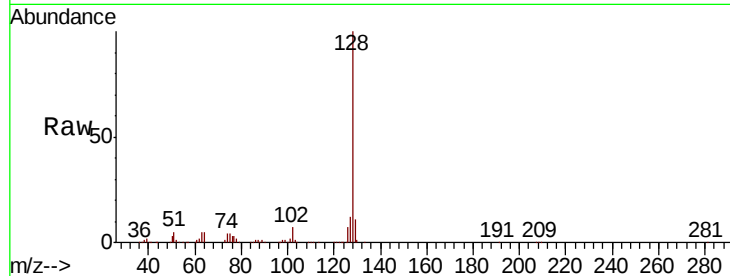
#95
Naphthalene
Concen: 47.112 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.408 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006492.D
Acq: 30 Oct 2018 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	30.1	15.0	45.1

