

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007483.D
 Acq On : 13 Dec 2018 13:00
 Operator : SY/AP
 Sample : J6357-03MSD
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 11:24:33 AM

Quant Time: Dec 13 15:35:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44061	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	7.88	113	41715	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.32	98	155830	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	12.62	95	57037	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26013	50.066	ug/l	98
3) Chloromethane	2.21	50	20828	47.864	ug/l	98
4) Vinyl Chloride	2.37	62	26228	51.361	ug/l	95
5) Bromomethane	2.78	94	18347	53.474	ug/l	99
6) Chloroethane	2.93	64	15077	53.636	ug/l	93
7) Trichlorofluoromethane	3.26	101	21133	46.031	ug/l	94
8) Diethyl Ether	3.68	74	17028	47.388	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39440	52.063	ug/l	99
10) Methyl Iodide	4.26	142	66775	53.222	ug/l	99
11) Tert butyl alcohol	5.18	59	13983	246.825	ug/l	97
12) 1,1-Dichloroethene	4.03	96	38747	53.124	ug/l	95
13) Acrolein	3.89	56	5819	155.232	ug/l	98
14) Allyl chloride	4.67	41	55005	51.162	ug/l	98
15) Acrylonitrile	5.37	53	41709	275.344	ug/l	98
16) Acetone	4.12	43	42859	297.464	ug/l	97
17) Carbon Disulfide	4.37	76	109728	49.617	ug/l	99
18) Methyl Acetate	4.67	43	33046	84.505	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	62069	56.411	ug/l	100
20) Methylene Chloride	4.91	84	42831	54.731	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	42373	51.933	ug/l	97
22) Diisopropyl ether	6.31	45	109593	53.033	ug/l	99
23) Vinyl Acetate	6.26	43	39706	34.352	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74728	53.504	ug/l	99
25) 2-Butanone	7.17	43	54440	289.423	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41437	44.828	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47687	53.378	ug/l	99
28) Bromochloromethane	7.51	49	25897	49.295	ug/l	99
29) Tetrahydrofuran	7.53	42	33142	278.320	ug/l	97
30) Chloroform	7.67	83	81497	53.619	ug/l	96
31) Cyclohexane	7.95	56	60960	47.572	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	70761	53.089	ug/l	98
36) 1,1-Dichloropropene	8.08	75	59785	52.228	ug/l	99
37) Ethyl Acetate	7.25	43	17797	41.801	ug/l	97
38) Carbon Tetrachloride	8.07	117	66321	53.247	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68720	49.578	ug/l	95
40) Benzene	8.32	78	172165	54.195	ug/l	99
41) Methacrylonitrile	7.49	41	13685	56.445	ug/l	98
42) 1,2-Dichloroethane	8.40	62	54839	54.954	ug/l	100
43) Isopropyl Acetate	8.43	43	41272	49.075	ug/l	98
44) Trichloroethene	9.09	130	49095	54.120	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41688	56.708	ug/l	100
46) Dibromomethane	9.46	93	23570	56.459	ug/l	97
47) Bromodichloromethane	9.65	83	61174	55.865	ug/l	95
48) Methyl methacrylate	9.44	41	27711	64.158	ug/l	98
49) 1,4-Dioxane	9.45	88	7663	1131.275	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	114275	287.578	ug/l	99
52) Toluene	10.39	92	111004	53.995	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	57763	54.335	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	65657	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33413	58.807	ug/l	97
56) Ethyl methacrylate	10.65	69	33834	49.542	ug/l	99
57) 1,3-Dichloropropane	10.93	76	55067	59.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86414	274.389	ug/l	99
59) 2-Hexanone	10.97	43	80357	303.272	ug/l	98
60) Dibromochloromethane	11.13	129	42062	58.660	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32445	57.783	ug/l	96
64) Tetrachloroethene	10.86	164	58251	73.328	ug/l	93
65) Chlorobenzene	11.66	112	123860	53.795	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45467	56.068	ug/l	98
67) Ethyl Benzene	11.73	91	218667	55.239	ug/l	92
68) m/p-Xylenes	11.84	106	168081	109.220	ug/l	99
69) o-Xylene	12.17	106	81409	56.642	ug/l	98
70) Styrene	12.18	104	131748	56.752	ug/l	98
71) Bromoform	12.35	173	23078	55.601	ug/l #	98
73) Isopropylbenzene	12.47	105	218691	56.037	ug/l	99
74) N-amyl acetate	12.27	43	17626	24.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35049	60.636	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27395m	65.234	ug/l	
77) Bromobenzene	12.75	156	49479	57.198	ug/l	95
78) n-propylbenzene	12.80	91	247204	56.285	ug/l	99
79) 2-Chlorotoluene	12.90	91	147572	55.530	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	183981	56.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10470	55.074	ug/l	94
82) 4-Chlorotoluene	12.99	91	150116	53.588	ug/l	96
83) tert-Butylbenzene	13.21	119	155942	53.971	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	187026	55.425	ug/l	100
85) sec-Butylbenzene	13.39	105	208958	52.976	ug/l	95
86) p-Isopropyltoluene	13.50	119	188953	53.324	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92060	53.376	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	91832	52.962	ug/l	97
89) n-Butylbenzene	13.83	91	156585	47.667	ug/l	98
90) Hexachloroethane	14.10	117	33001	52.341	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	85474	55.331	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6595	56.855	ug/l	97

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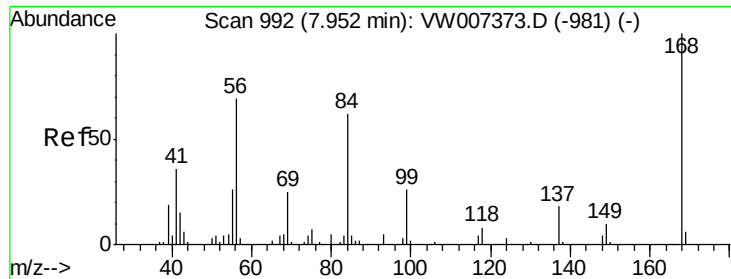
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	45943	43.216	ug/l	96
94) Hexachlorobutadiene	15.24	225	18678	33.113	ug/l	99
95) Naphthalene	15.37	128	111548	54.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41166	44.576	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion:168 Resp: 74352

Ion Ratio Lower Upper

168 100

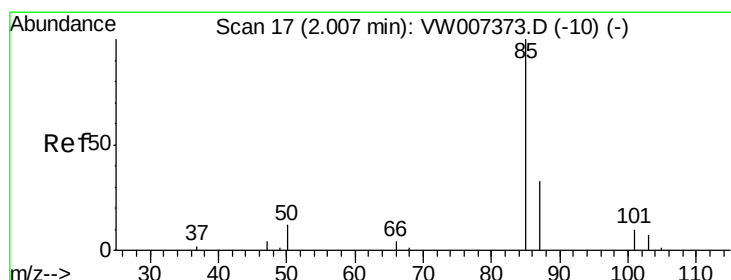
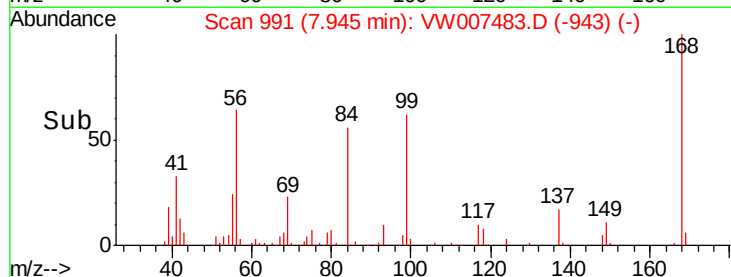
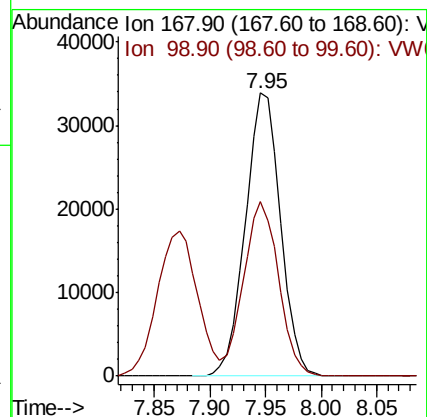
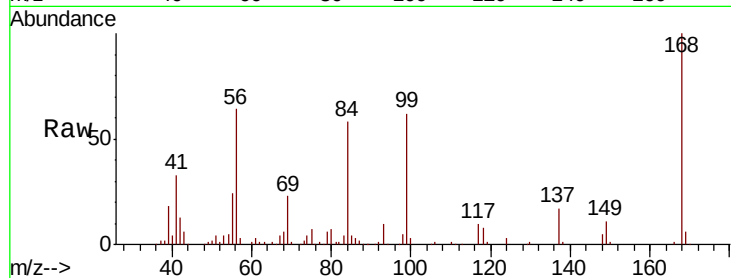
99 61.6 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 50.066 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007483.D

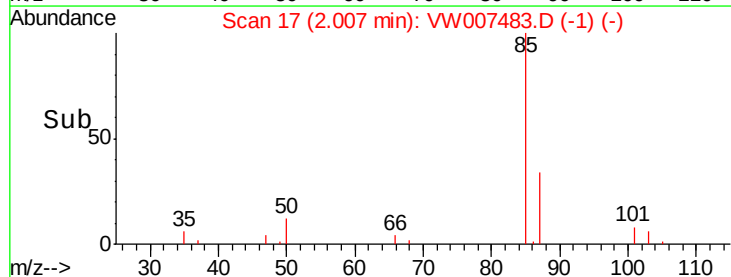
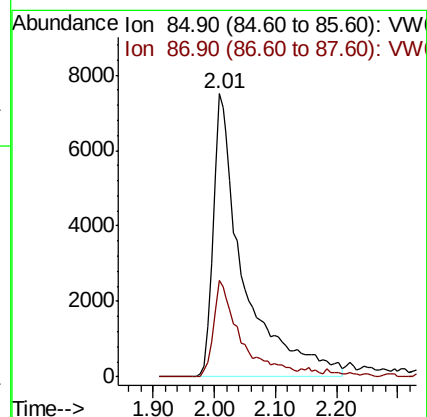
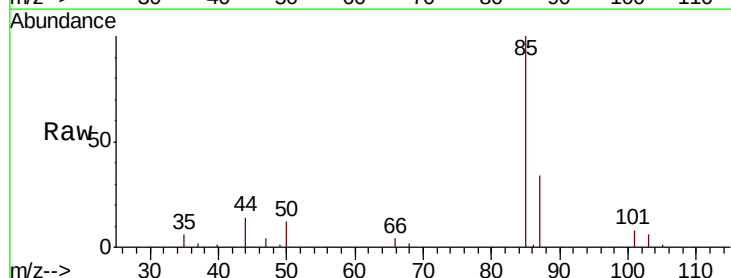
Acq: 13 Dec 2018 13:00

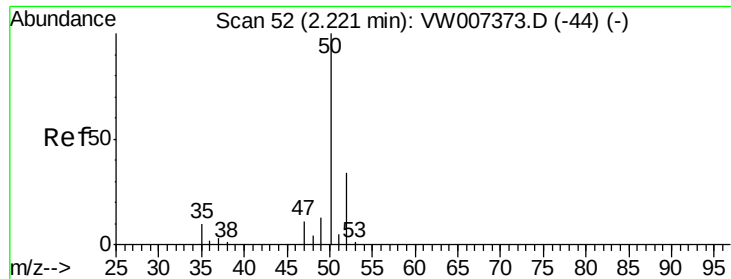
Tgt Ion: 85 Resp: 26013

Ion Ratio Lower Upper

85 100

87 34.0 16.6 49.7





#3

Chloromethane

Concen: 47.864 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 50 Resp: 20828

Ion Ratio Lower Upper

50 100

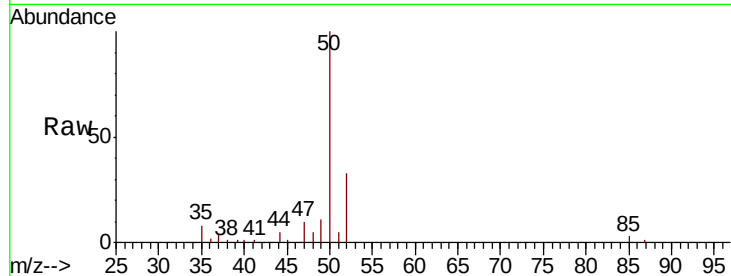
52 32.9 27.4 41.0

Manual Integrations

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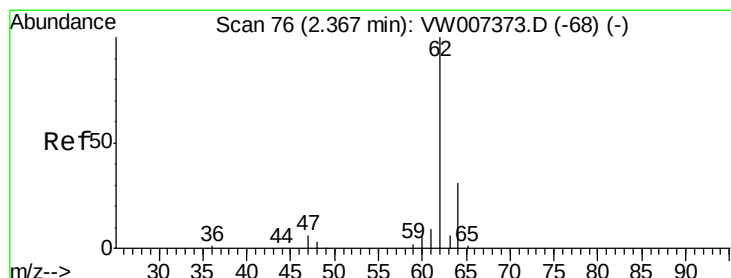
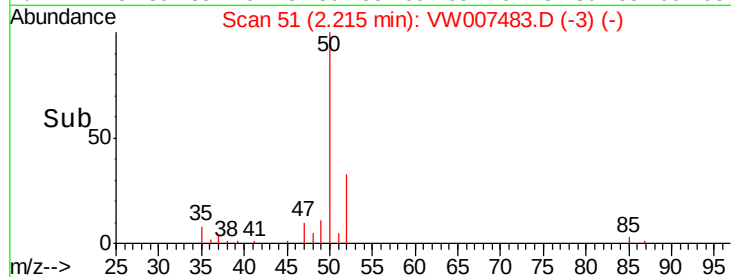
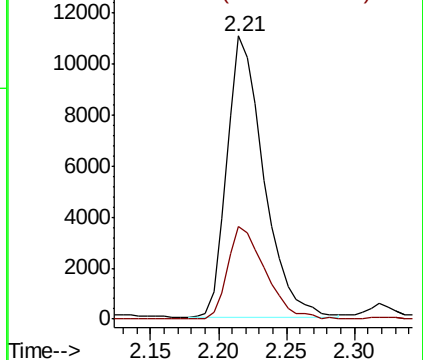
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 51.361 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007483.D

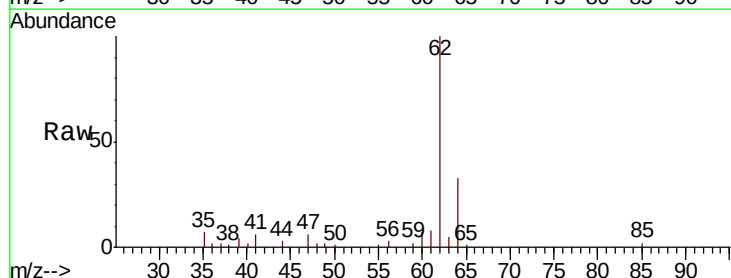
Acq: 13 Dec 2018 13:00

Tgt Ion: 62 Resp: 26228

Ion Ratio Lower Upper

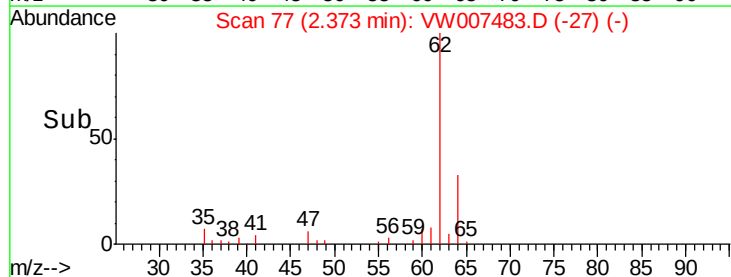
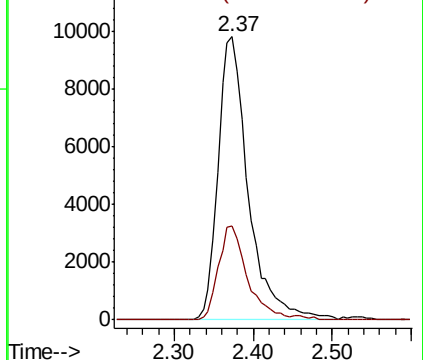
62 100

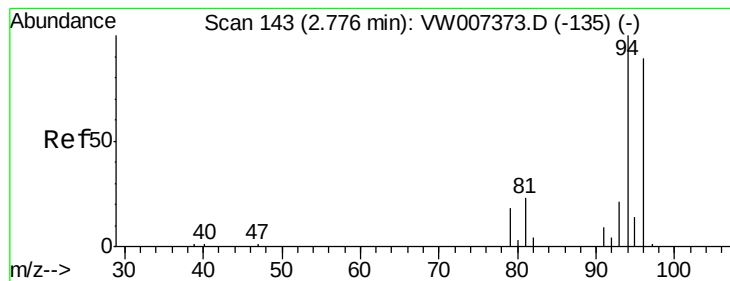
64 33.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.474 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 18347

Ion Ratio Lower Upper

94 100

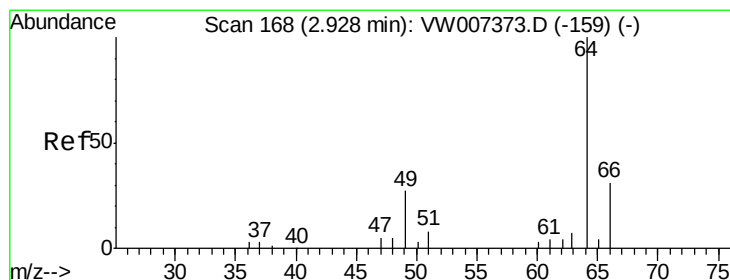
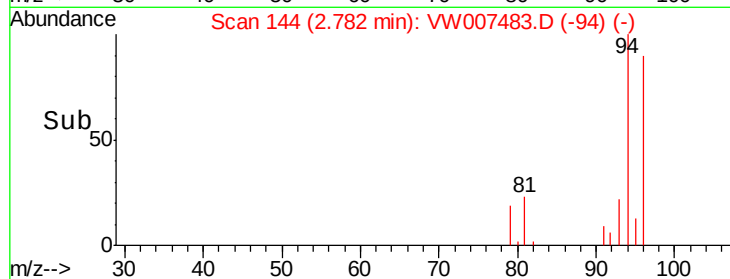
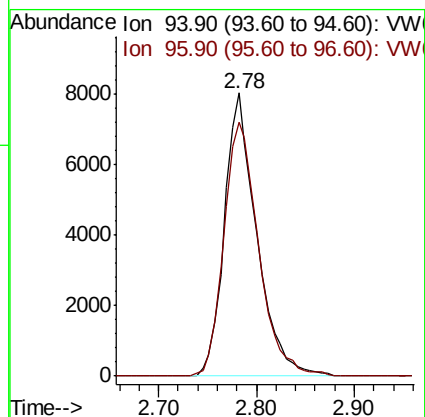
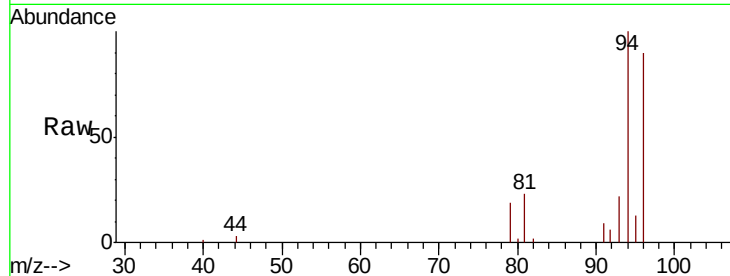
96 89.9 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 53.636 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007483.D

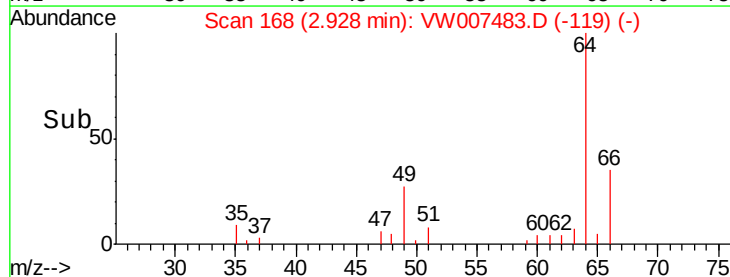
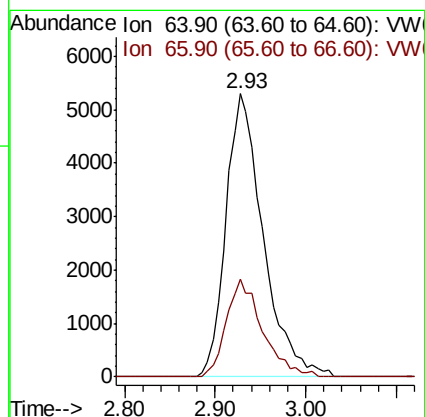
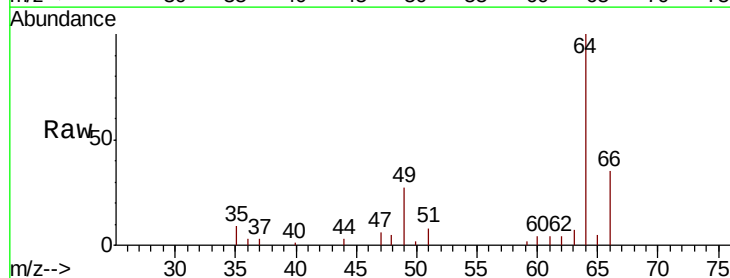
Acq: 13 Dec 2018 13:00

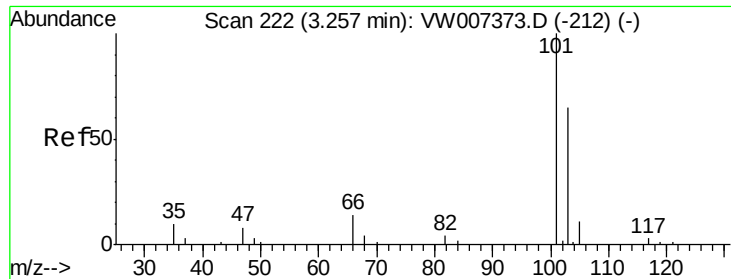
Tgt Ion: 64 Resp: 15077

Ion Ratio Lower Upper

64 100

66 34.7 24.6 37.0





#7

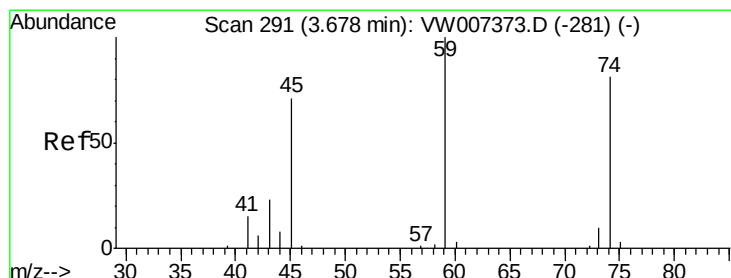
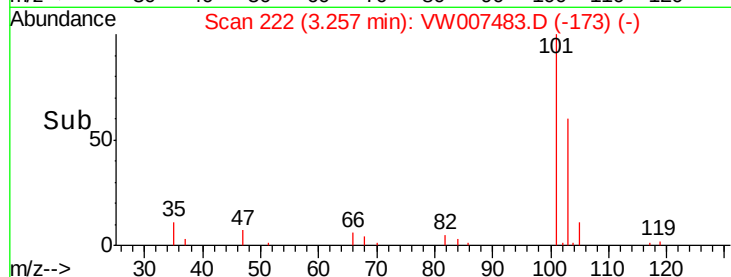
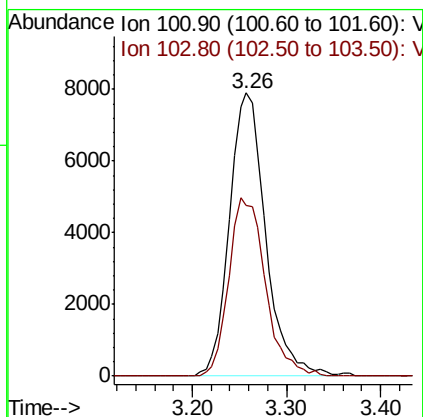
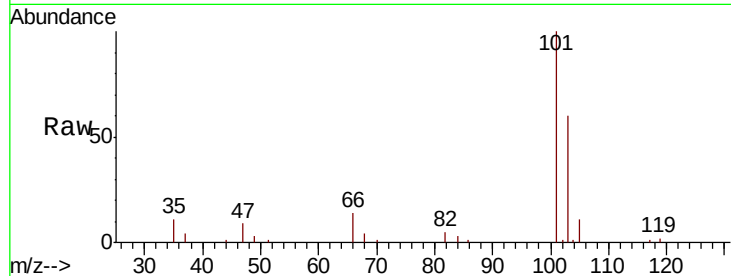
Trichlorofluoromethane
Concen: 46.031 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
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ClientSampleId :
SB-01AMSD

Tot Ion:101 Resp: 21133
Ion Ratio Lower Upper
101 100
103 60.2 51.7 77.5

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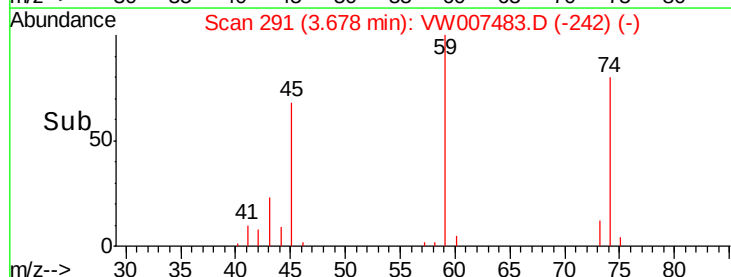
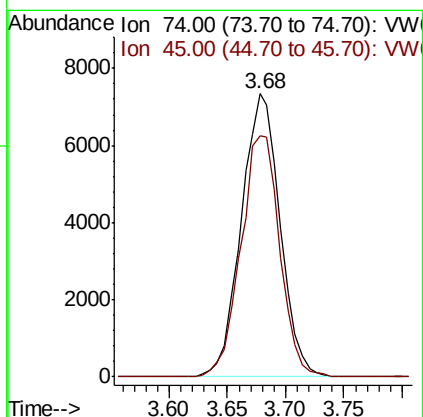
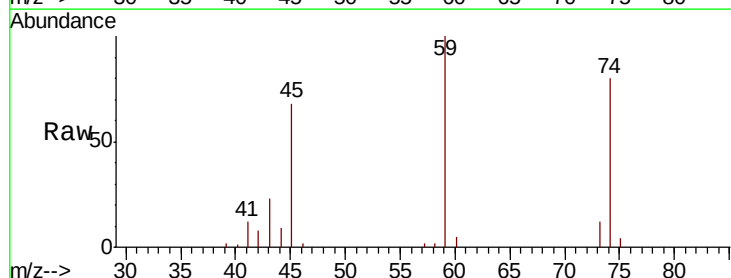
MMDadoda
12/14/2018 11:24:33 AM

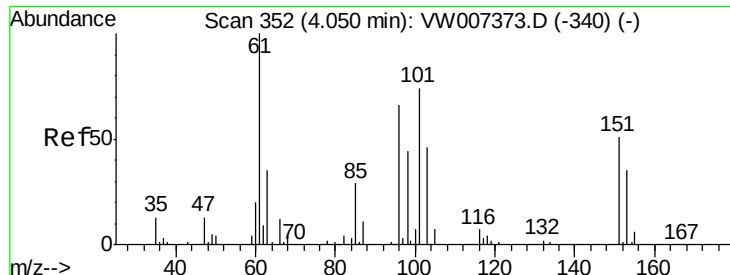


#8

Diethyl Ether
Concen: 47.388 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 74 Resp: 17028
Ion Ratio Lower Upper
74 100
45 85.9 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.063 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

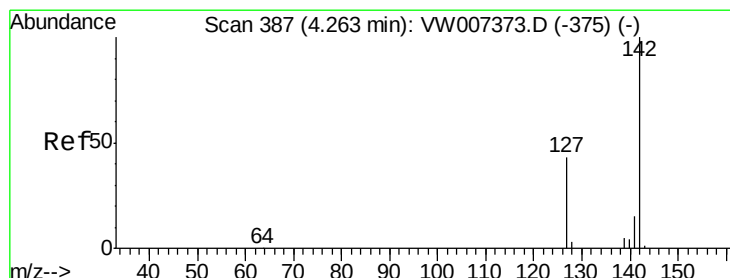
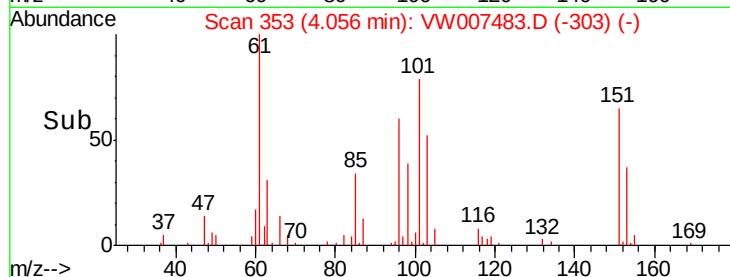
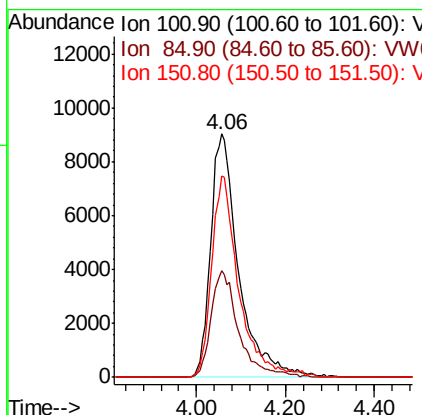
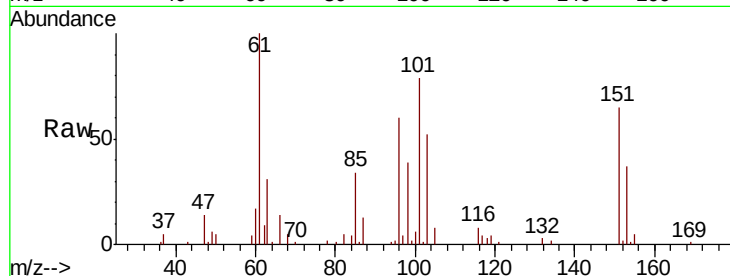
ClientSampleId :

SB-01AMSD

Tot Ion:	101	Resp:	39440
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.9	50.9
151	80.0	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.222 ug/l

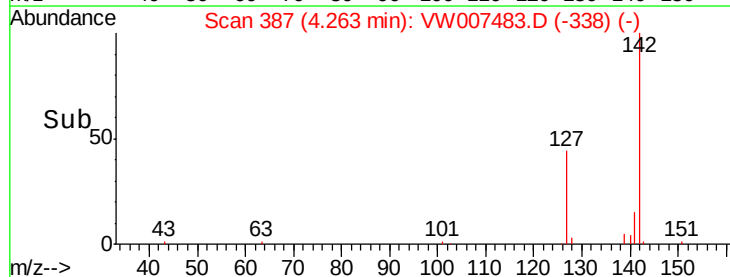
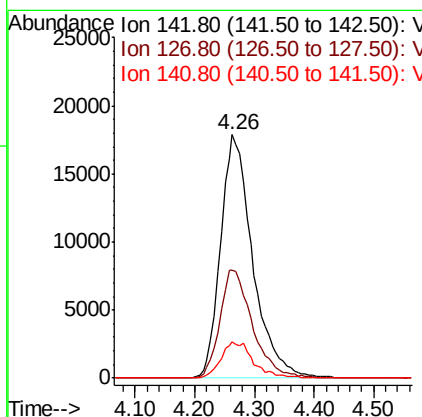
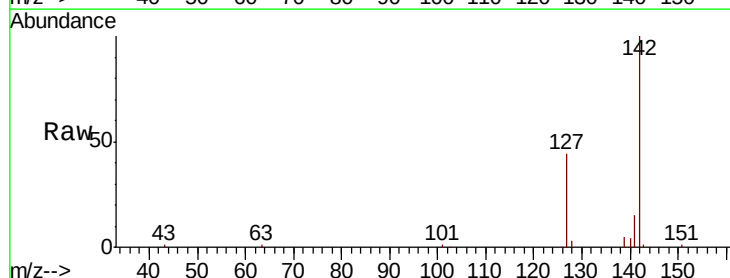
RT: 4.26 min Scan# 387

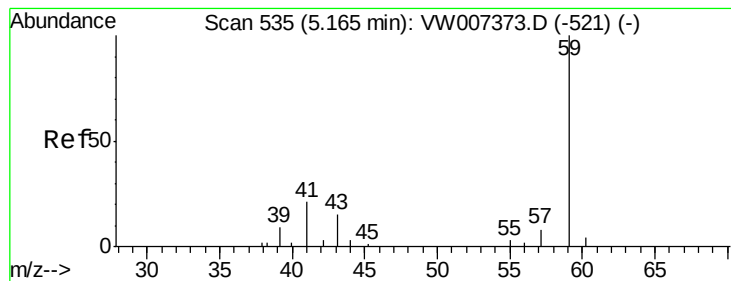
Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion:	142	Resp:	66775
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.8	53.6
141	14.9	11.1	16.7





#11

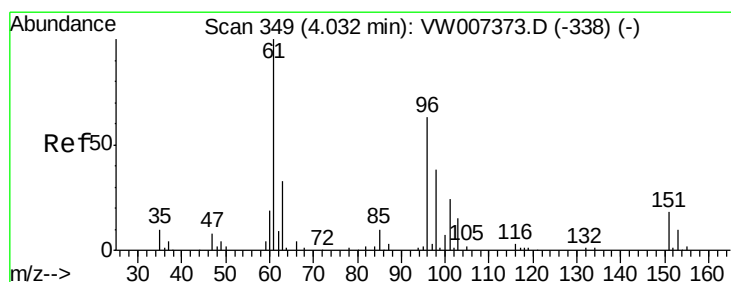
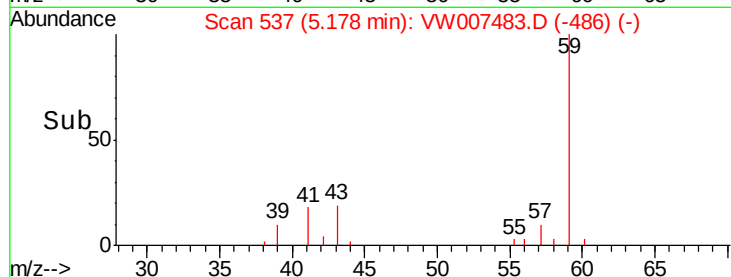
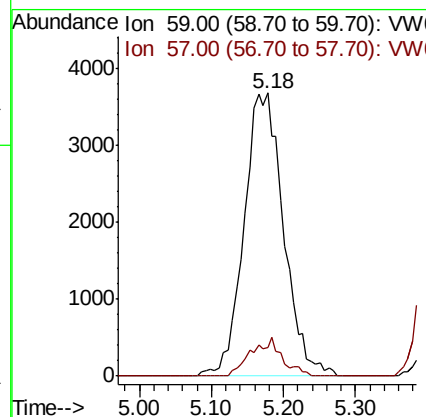
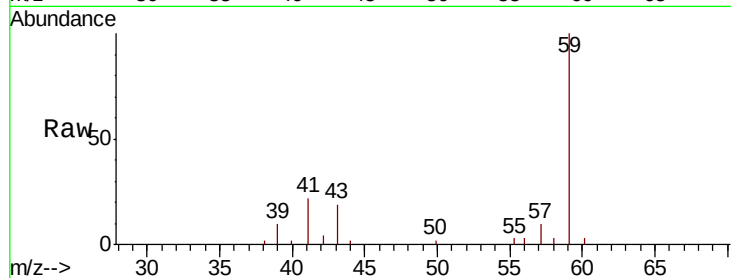
Tert butyl alcohol
 Concen: 246.825 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.6	11.4

Manual Integrations
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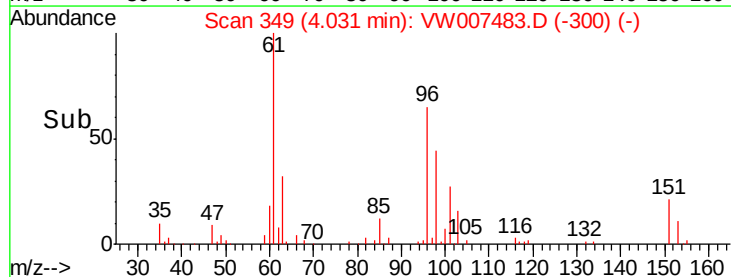
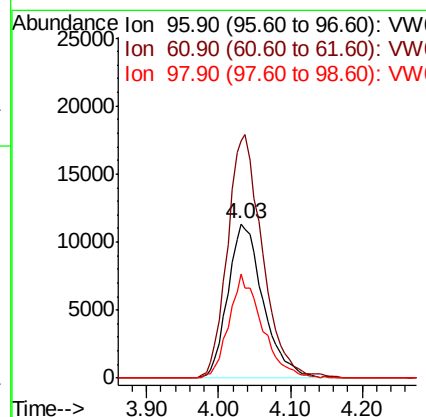
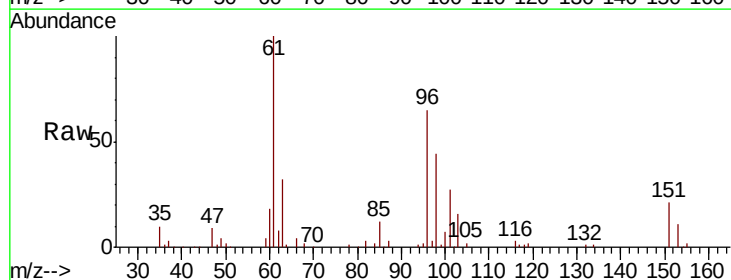
MMDadoda
 12/14/2018 11:24:33 AM

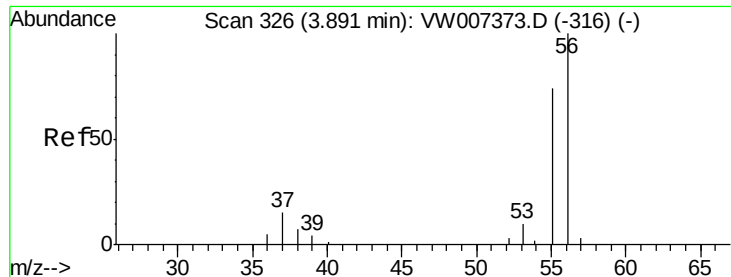


#12

1,1-Dichloroethene
 Concen: 53.124 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	126.2	189.2
98	67.4	48.3	72.5





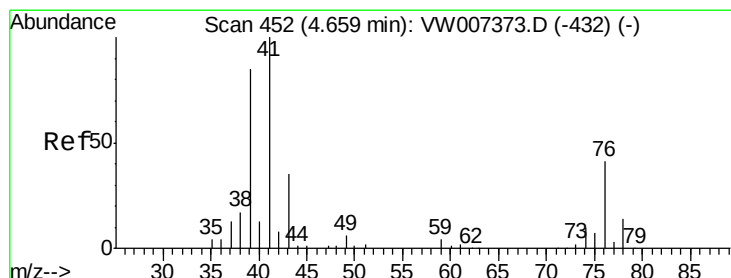
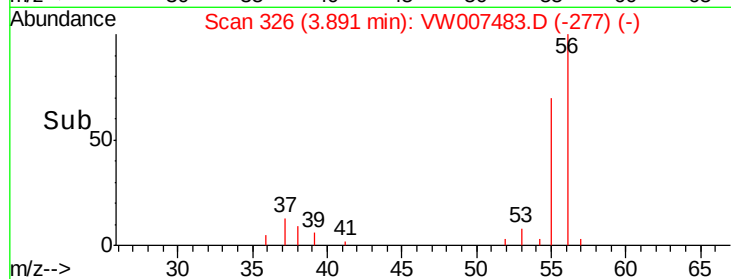
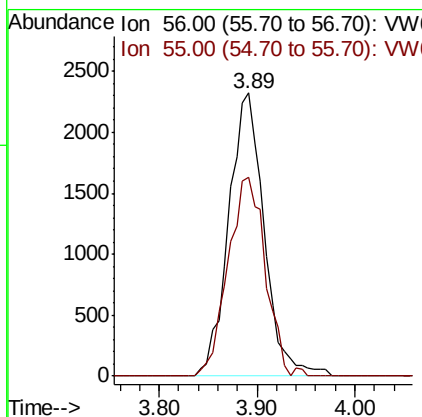
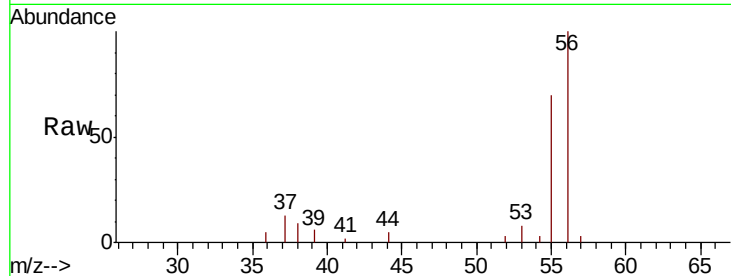
#13
Acrolein
Concen: 155.232 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.4	57.4	86.2

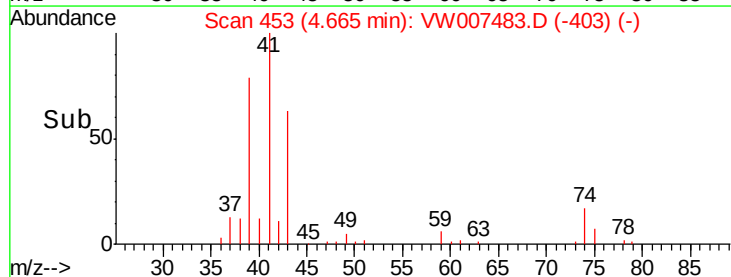
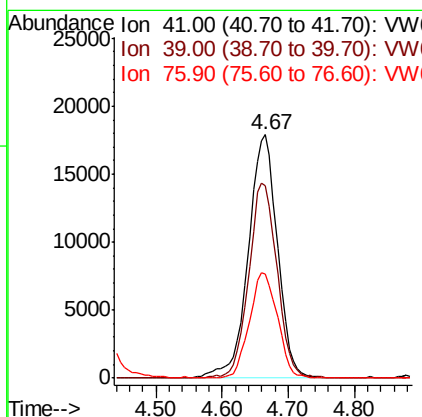
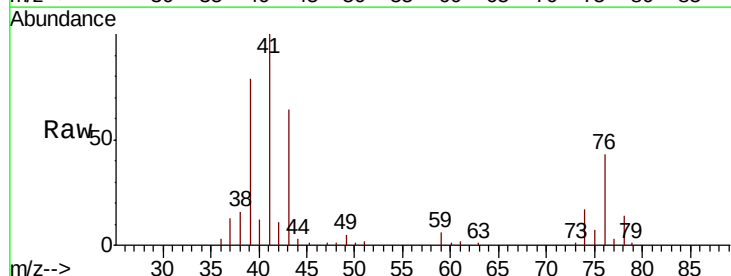
Manual Integrations
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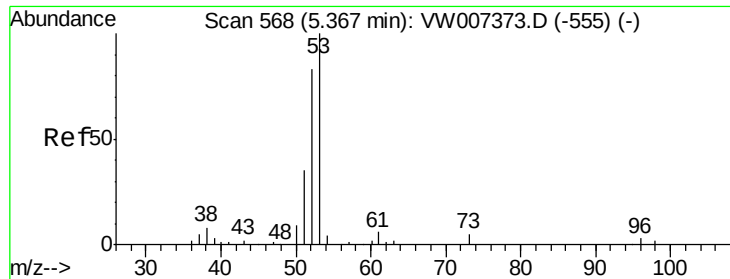
MMDadoda
12/14/2018 11:24:33 AM



#14
Allyl chloride
Concen: 51.162 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.9	63.4	95.2
76	41.6	32.1	48.1





#15

Acrylonitrile

Concen: 275.344 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

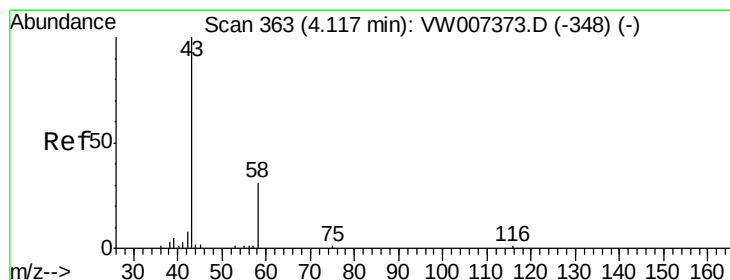
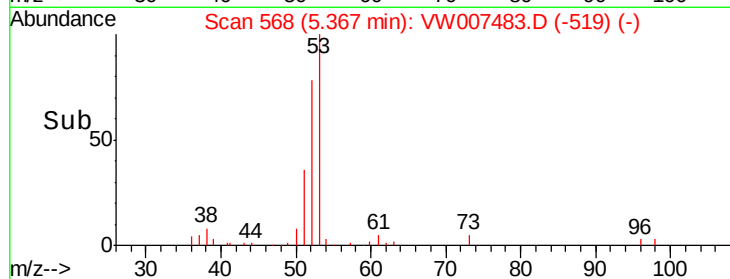
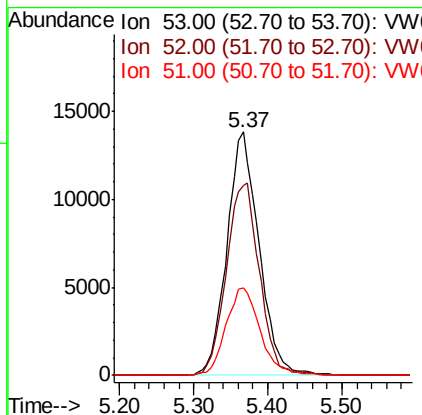
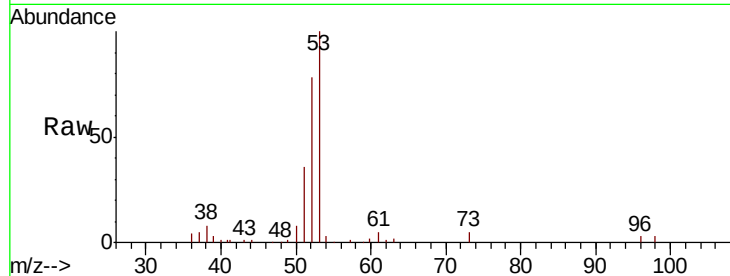
ClientSampleId :

SB-01AMSD

Tot Ion:	53	Resp:	41709
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.4	101.2
51	38.2	30.2	45.2

Manual Integrations
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MMDadoda
12/14/2018 11:24:33 AM



#16

Acetone

Concen: 297.464 ug/l

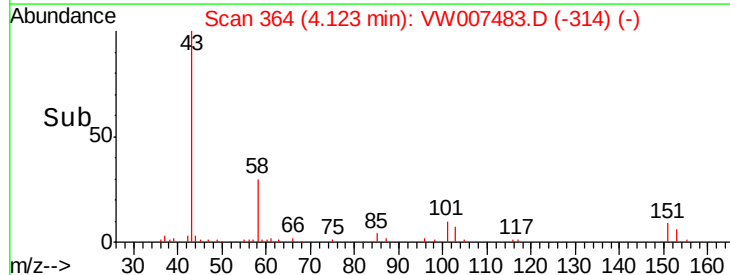
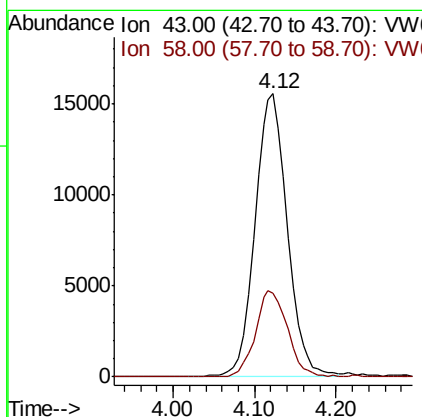
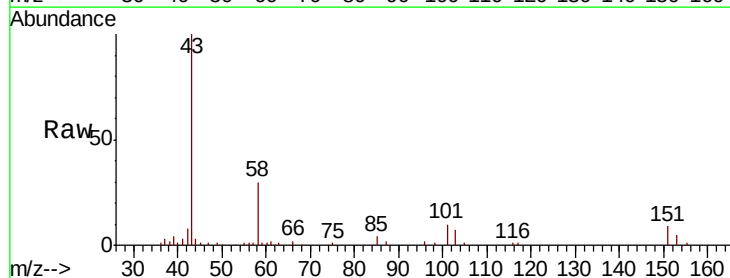
RT: 4.12 min Scan# 364

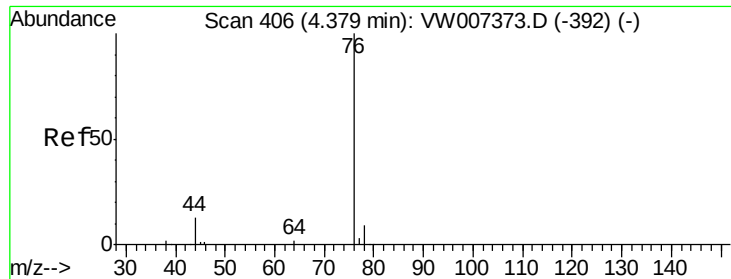
Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion:	43	Resp:	42859
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.9	37.3





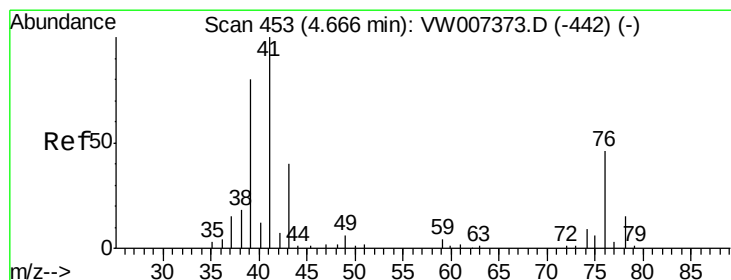
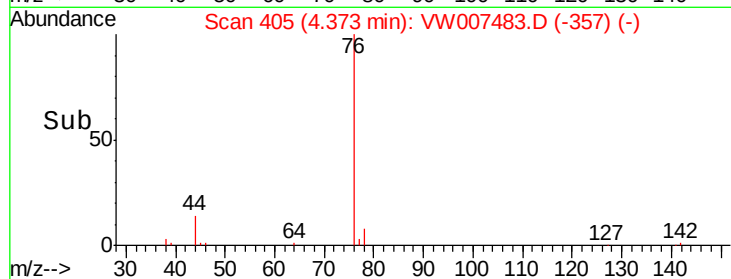
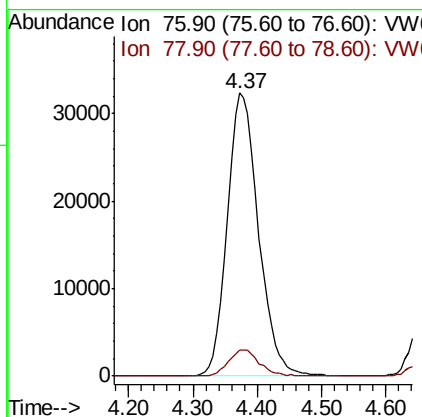
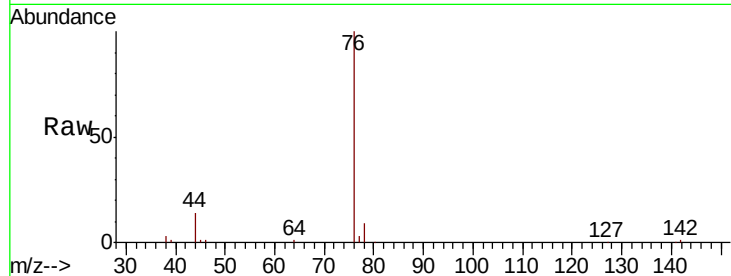
#17
Carbon Disulfide
Concen: 49.617 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

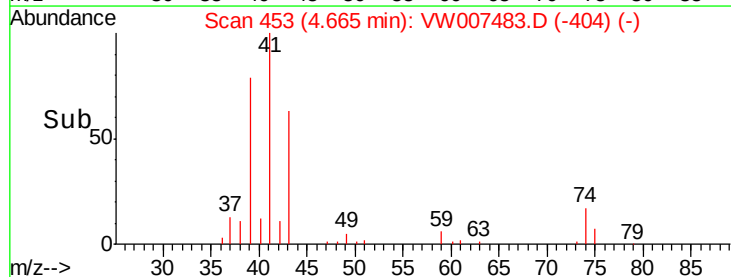
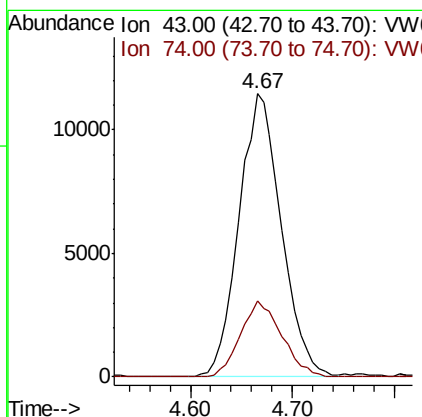
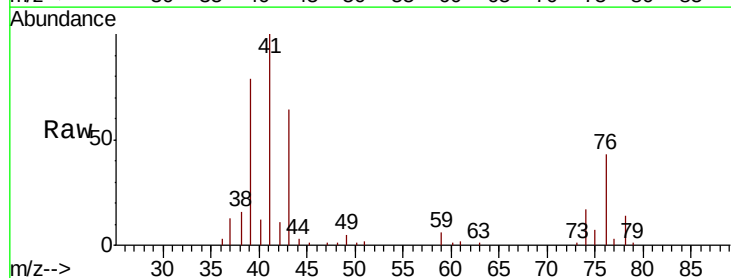
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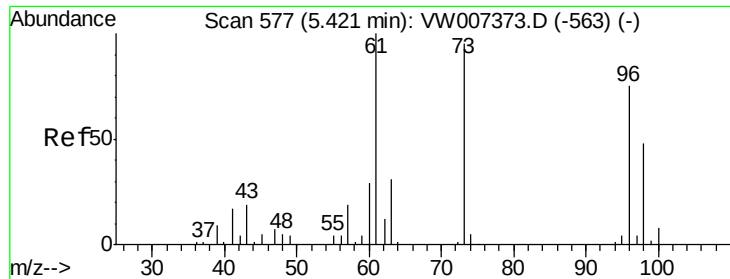
MMDadoda
12/14/2018 11:24:33 AM



#18
Methyl Acetate
Concen: 84.505 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.1	31.7





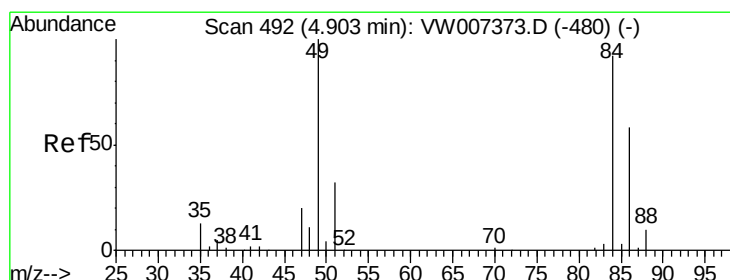
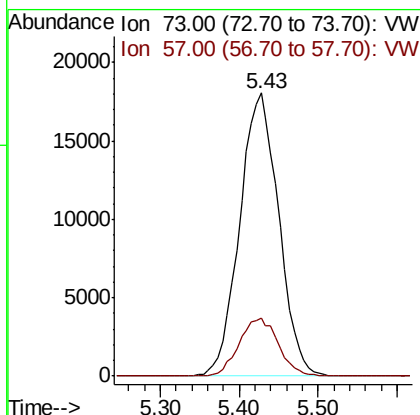
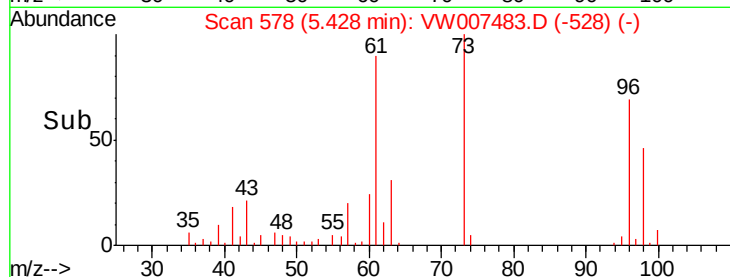
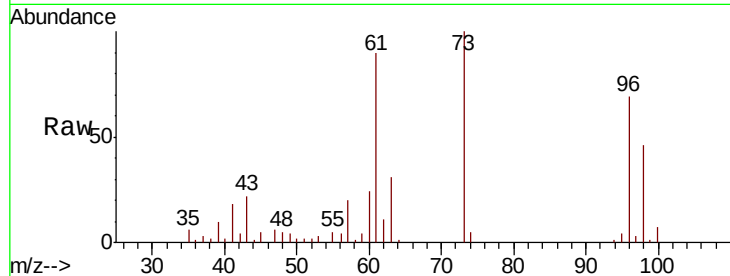
#19
Methyl tert-butyl Ether
Concen: 56.411 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion: 73 Resp: 62069
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

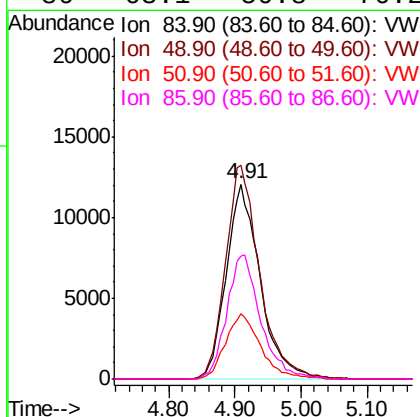
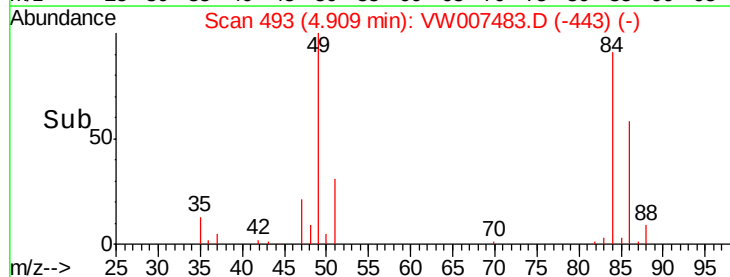
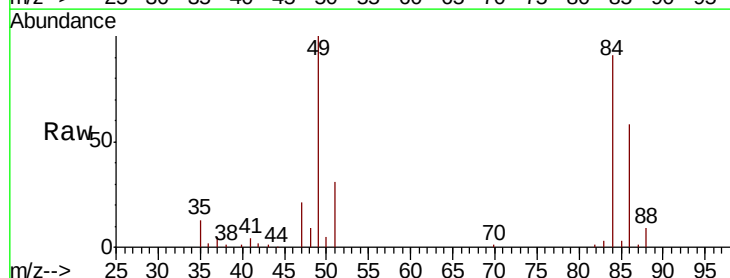
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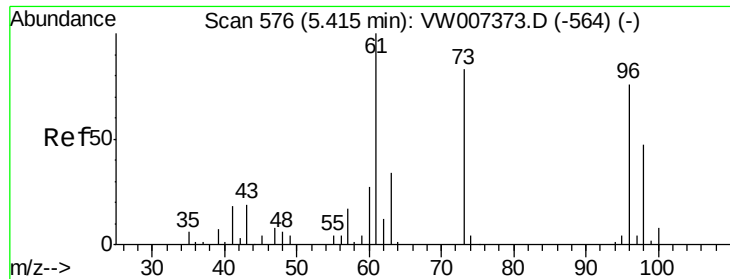
MMDadoda
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#20
Methylene Chloride
Concen: 54.731 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 84 Resp: 42831
Ion Ratio Lower Upper
84 100
49 109.7 87.1 130.7
51 33.6 28.2 42.2
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.933 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 96 Resp: 42373

Ion Ratio Lower Upper

96 100

61 126.6 105.0 157.6

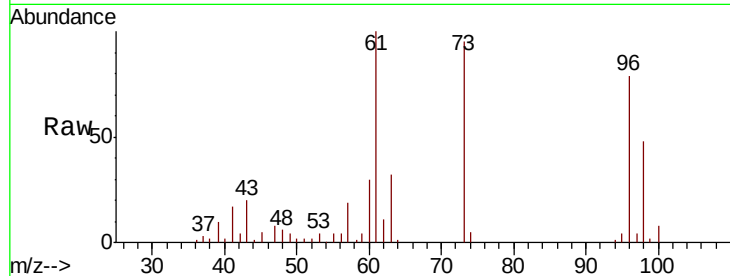
98 60.9 49.7 74.5

Manual Integrations

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12/14/2018 11:24:33 AM

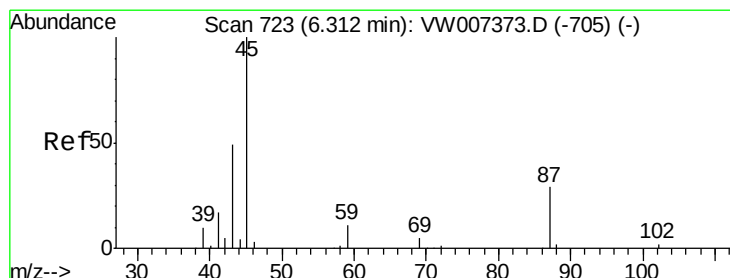
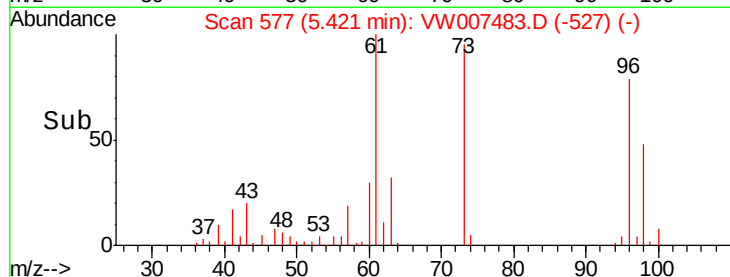
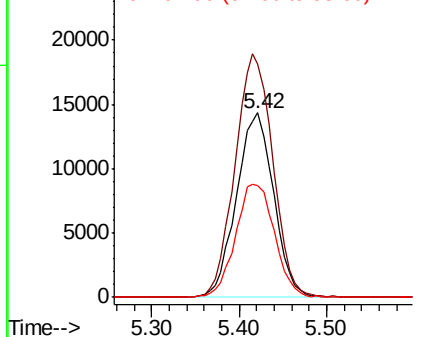


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.033 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion: 45 Resp: 109593

Ion Ratio Lower Upper

45 100

43 52.2 41.6 62.4

87 31.6 24.3 36.5

59 12.1 9.4 14.0

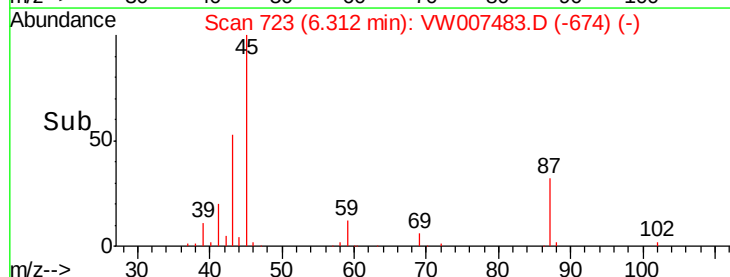
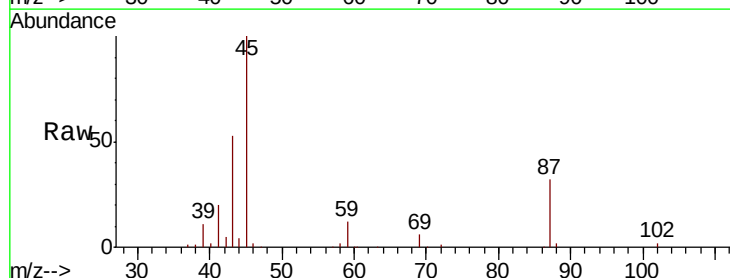
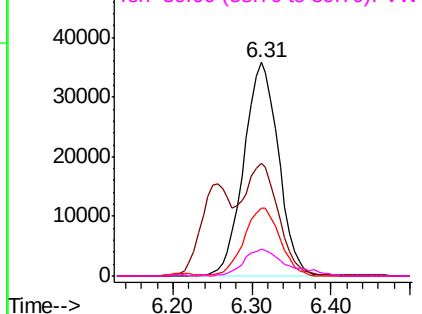
Abundance

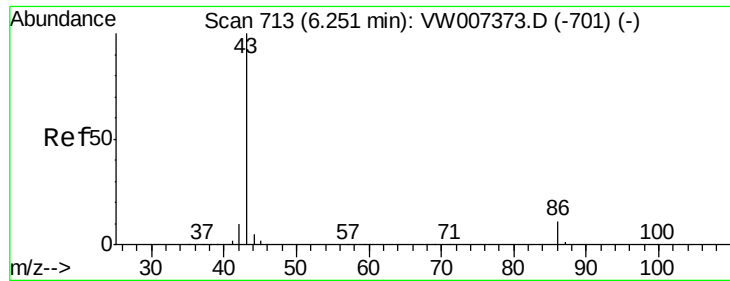
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 34.352 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 43 Resp: 39706

Ion Ratio Lower Upper

43 100

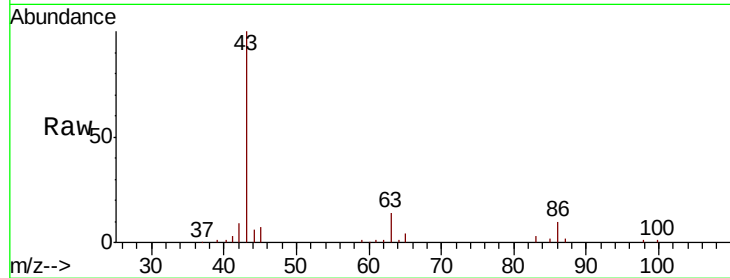
86 10.4 8.6 12.8

Manual Integrations

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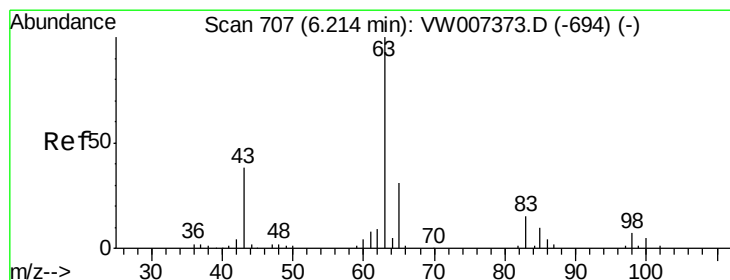
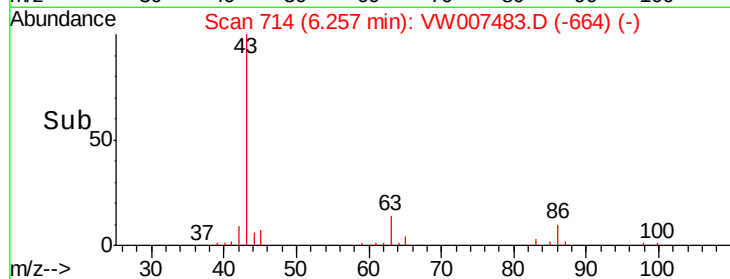
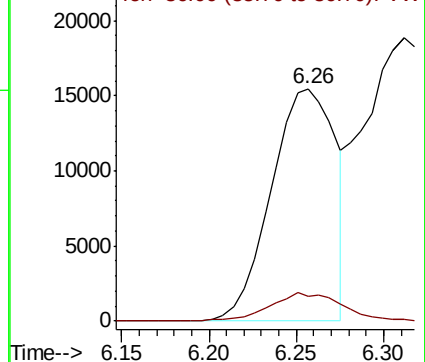
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.504 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

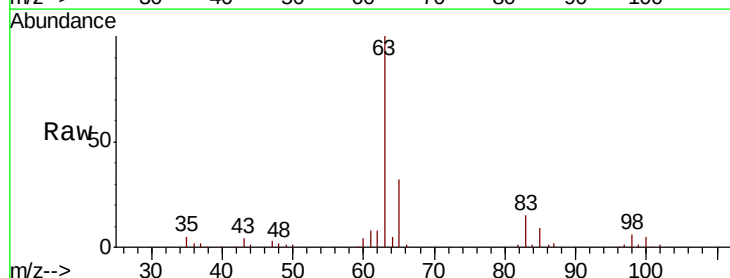
Tgt Ion: 63 Resp: 74728

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

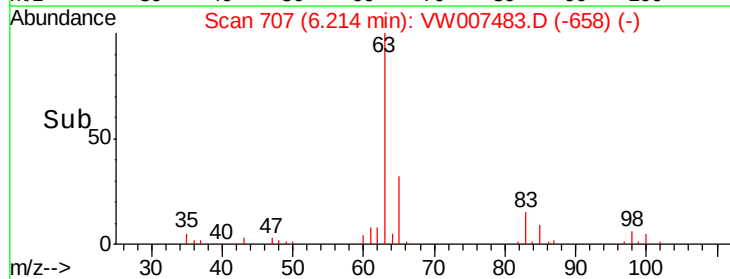
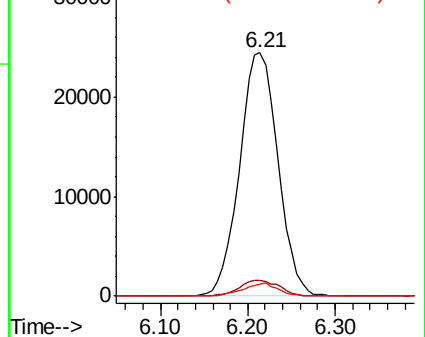
100 4.8 2.5 7.5

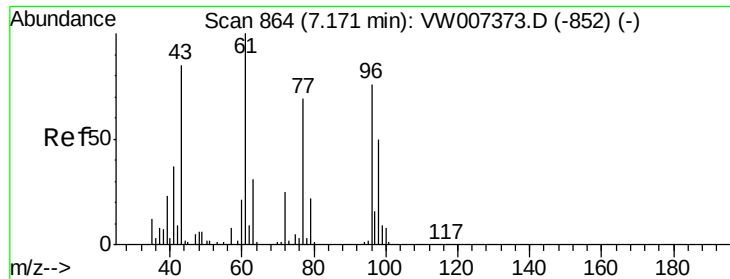


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 289.423 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 43 Resp: 54440

Ion Ratio Lower Upper

43 100

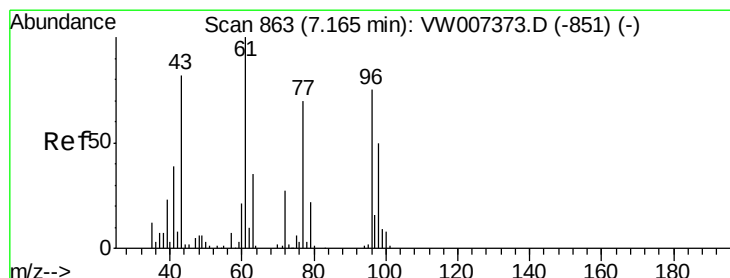
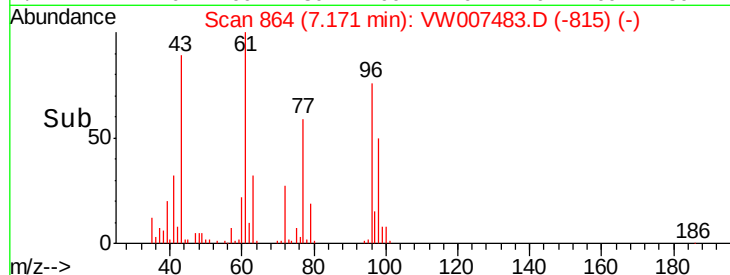
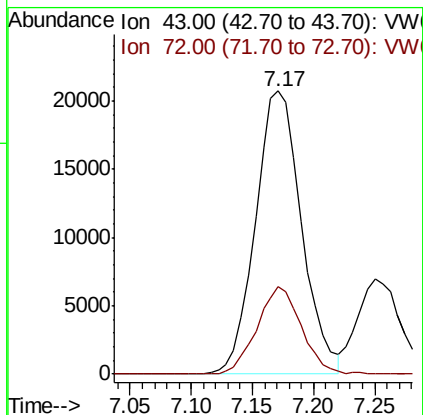
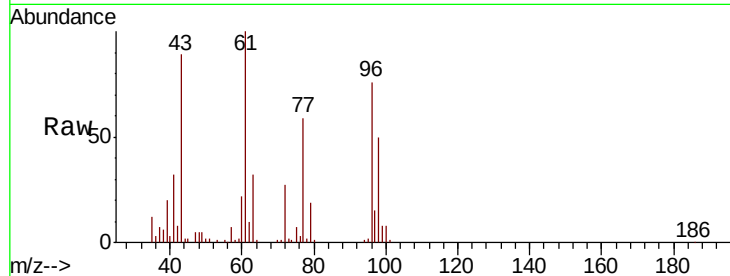
72 30.7 23.4 35.2

Manual Integrations

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MMDadoda

12/14/2018 11:24:33 AM



#26

2,2-Dichloropropane

Concen: 44.828 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007483.D

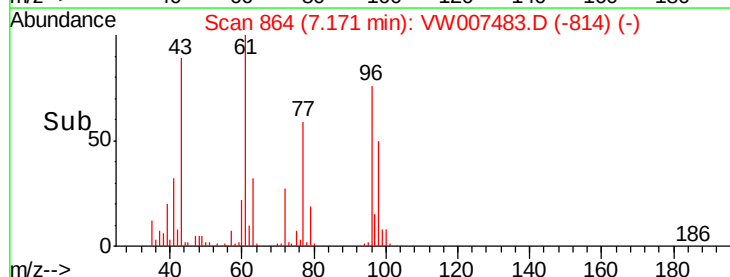
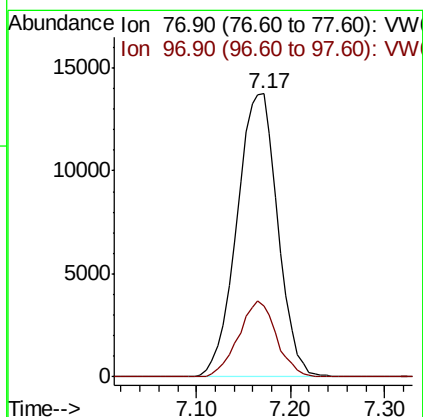
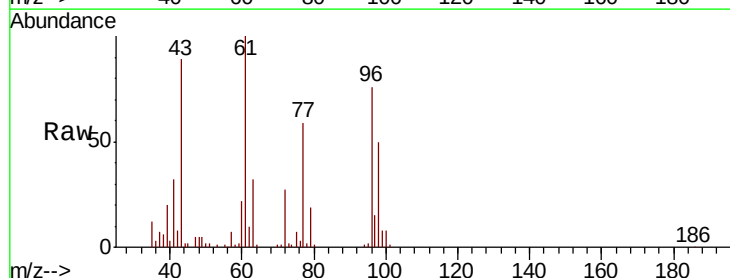
Acq: 13 Dec 2018 13:00

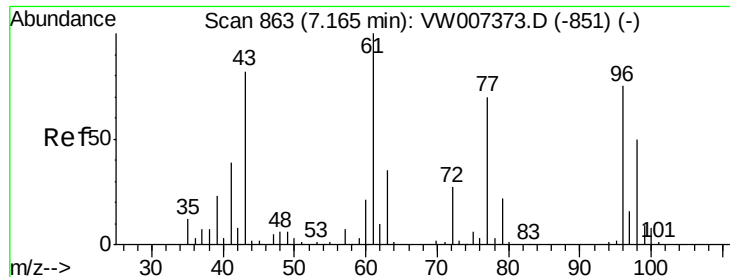
Tgt Ion: 77 Resp: 41437

Ion Ratio Lower Upper

77 100

97 24.7 11.6 34.8





#27

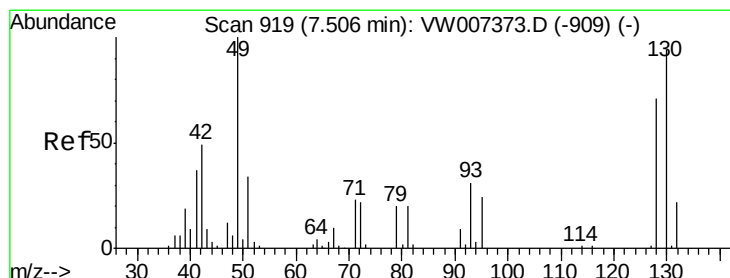
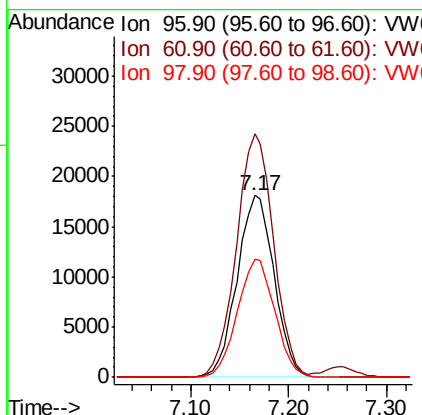
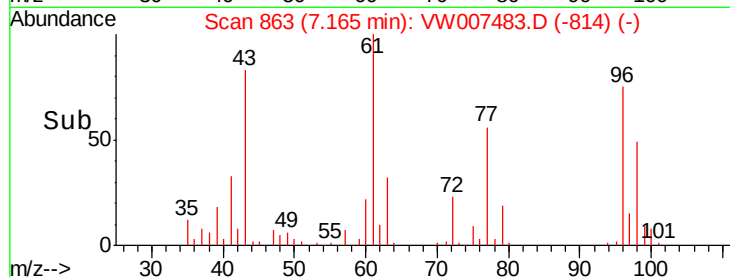
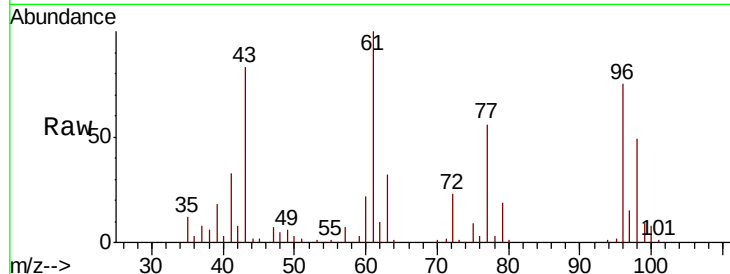
cis-1,2-Dichloroethene
Concen: 53.378 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	268.4
98	65.6	0.0	127.8

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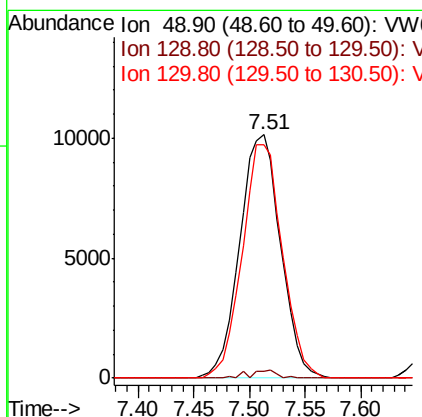
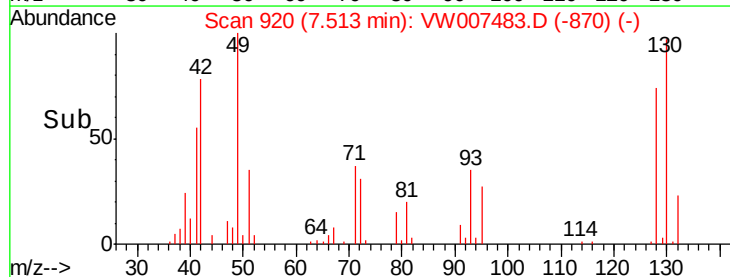
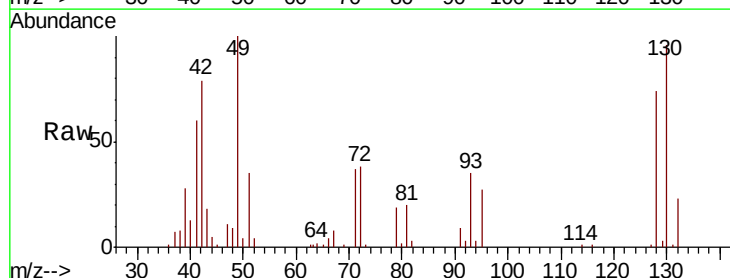
MMDadoda
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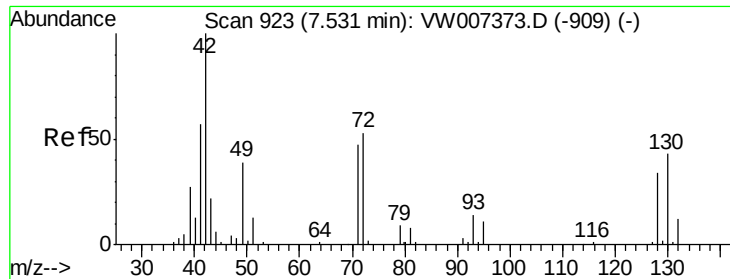


#28

Bromochloromethane
Concen: 49.295 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.6
130	94.4	75.9	113.9





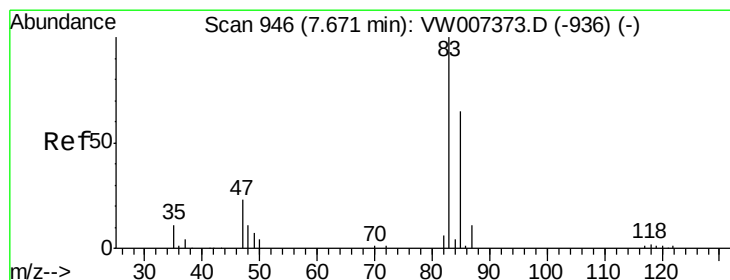
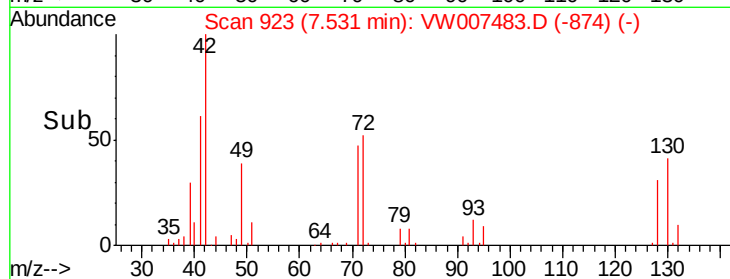
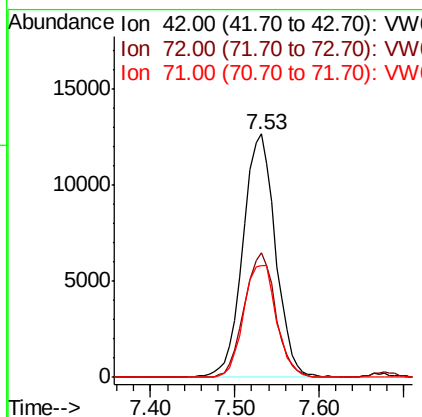
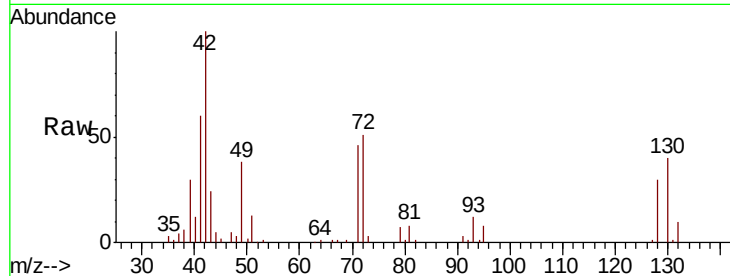
#29
Tetrahydrofuran
Concen: 278.320 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	38.2	57.4
71	46.5	35.5	53.3

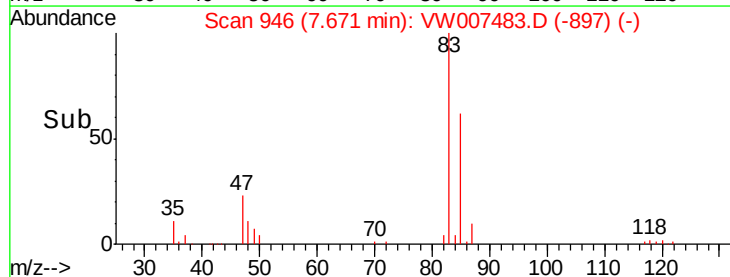
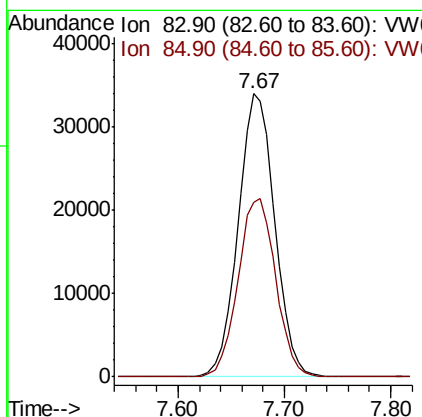
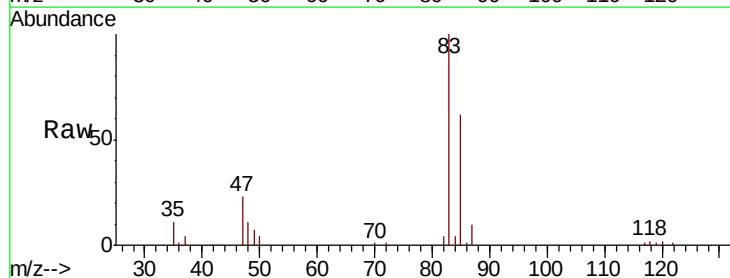
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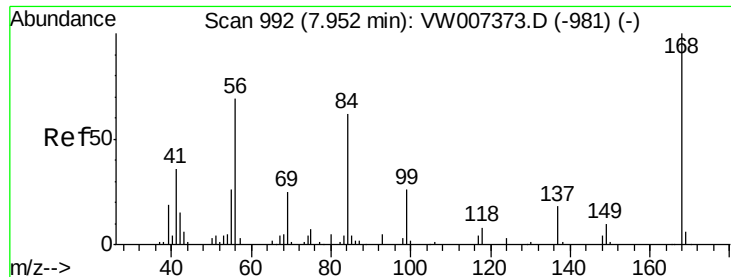
MMDadoda
12/14/2018 11:24:33 AM



#30
Chloroform
Concen: 53.619 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.8	77.8





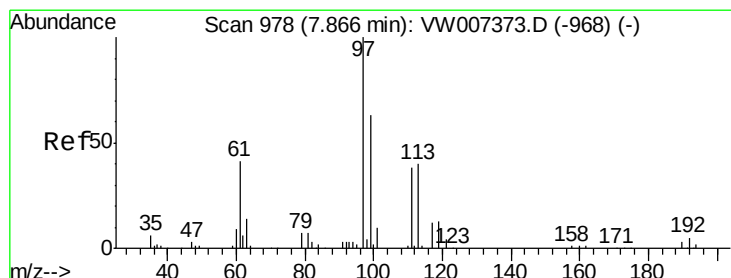
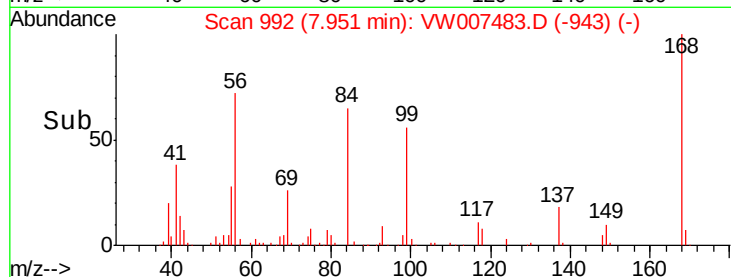
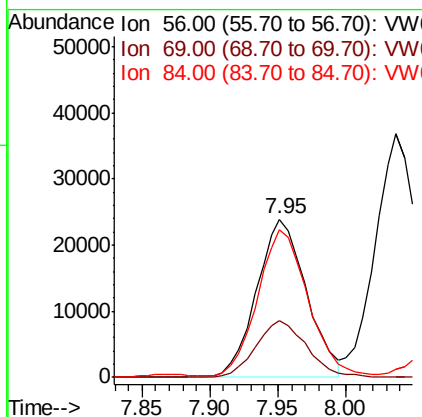
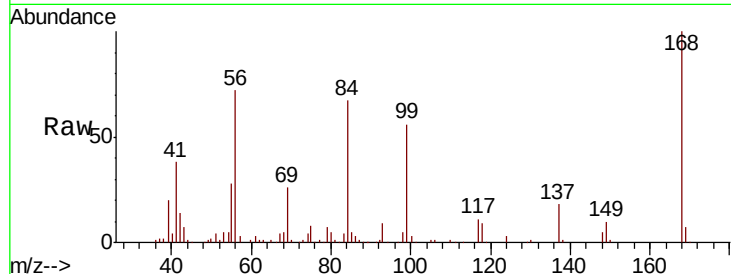
#31
Cyclohexane
Concen: 47.572 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	28.9	43.3
84	92.5	71.8	107.6

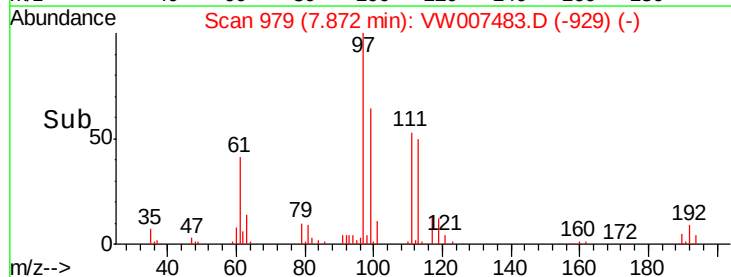
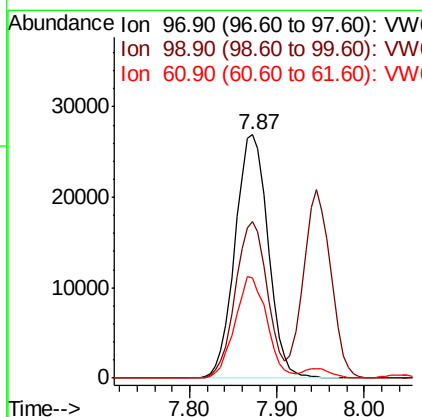
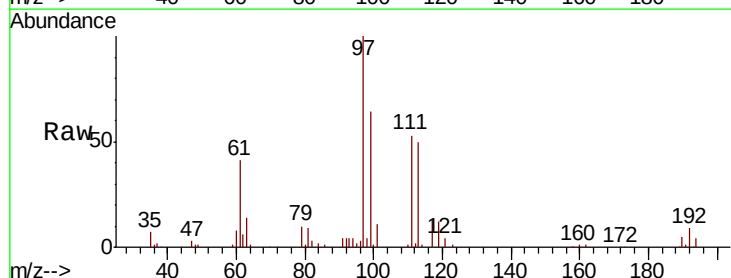
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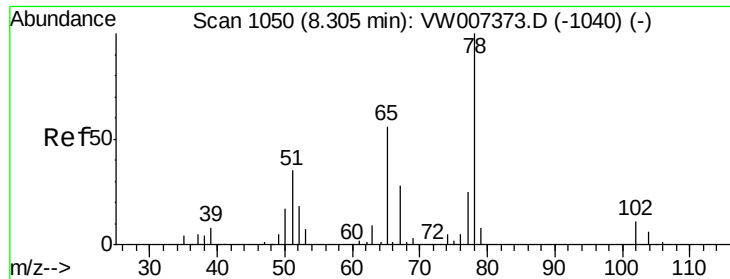
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#32
1,1,1-Trichloroethane
Concen: 53.089 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.1	76.7
61	40.4	33.2	49.8





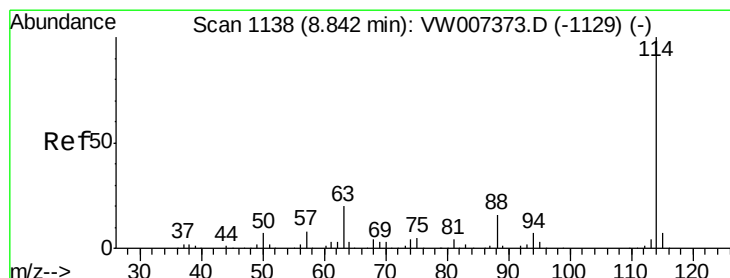
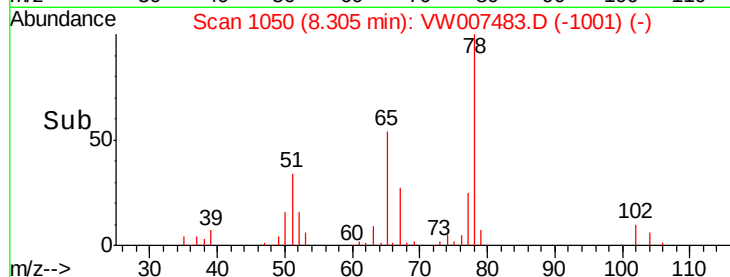
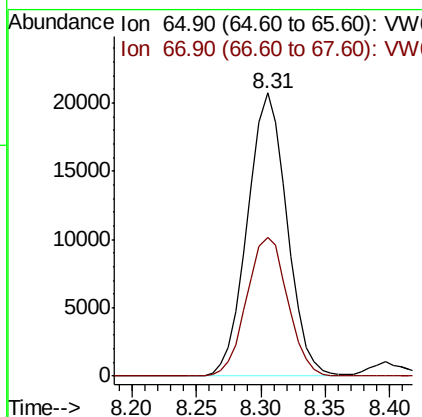
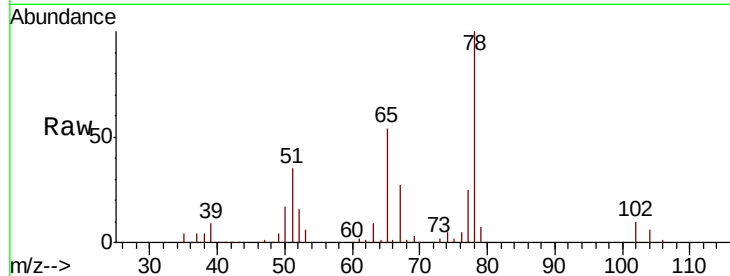
#33
 1,2-Dichloroethane-d4
 Concen: 53.415 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

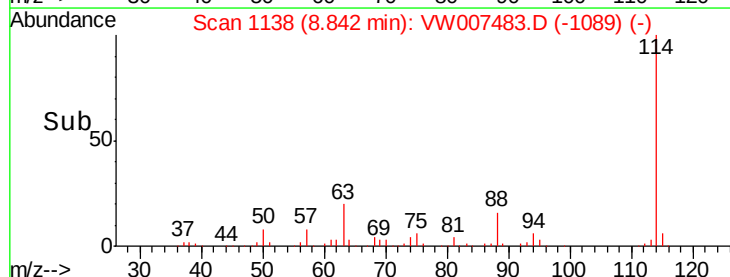
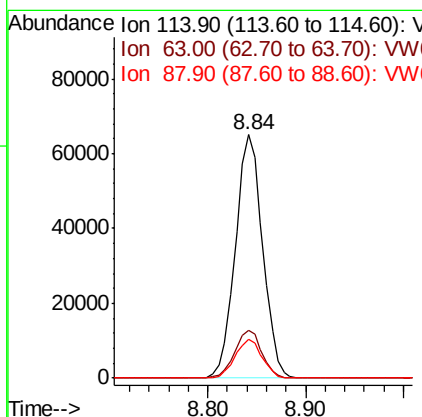
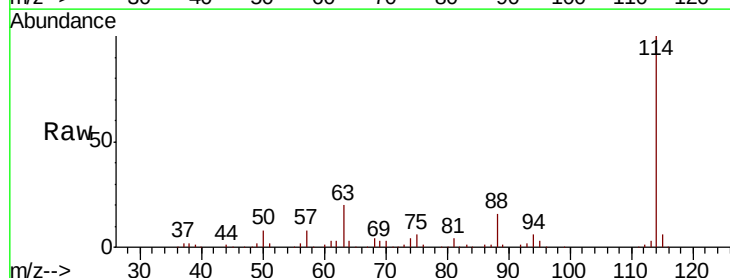
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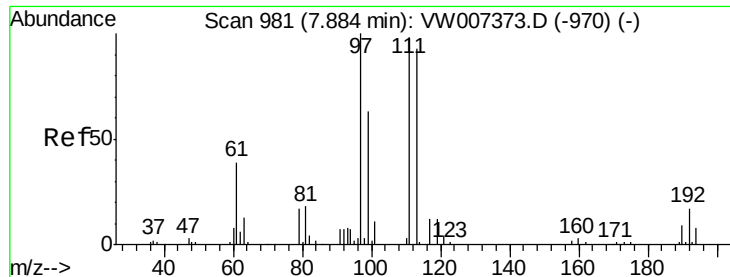
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.8	0.0	31.4





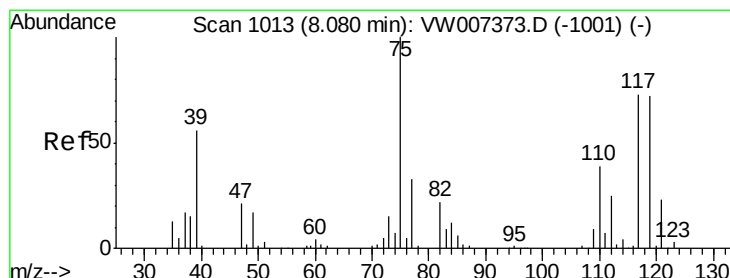
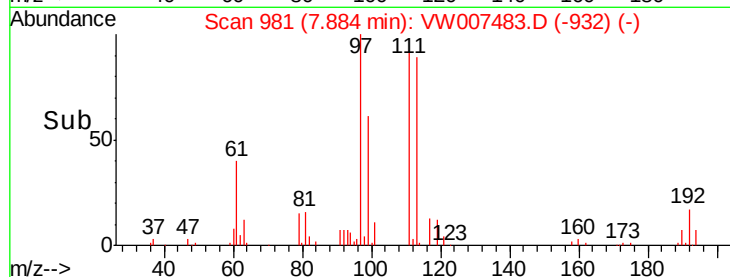
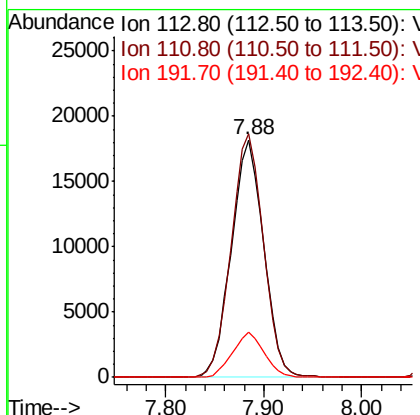
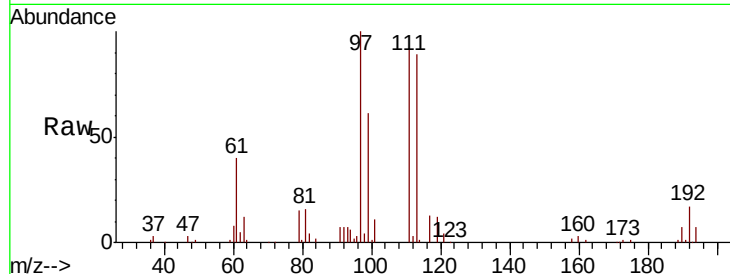
#35
 Dibromofluoromethane
 Concen: 54.917 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	41715		
111	102.4	81.1	121.7	
192	18.4	14.6	21.8	

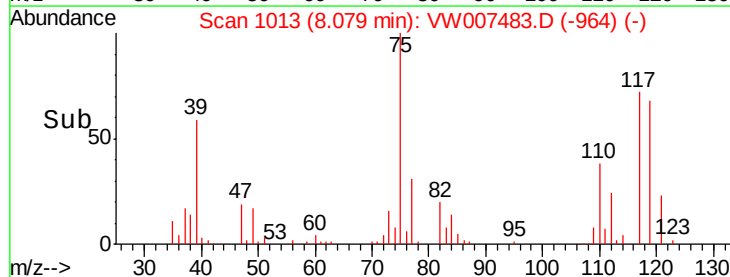
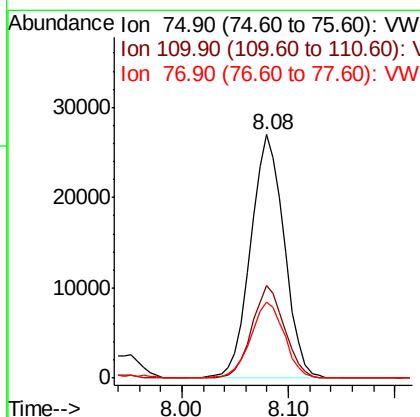
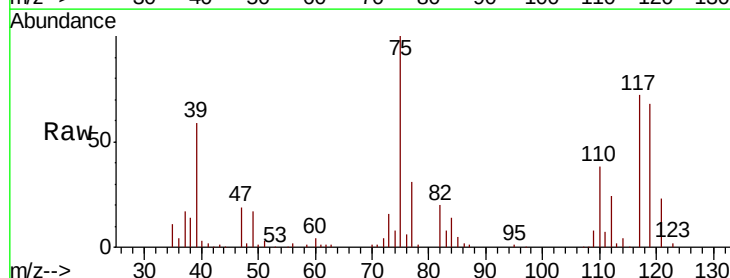
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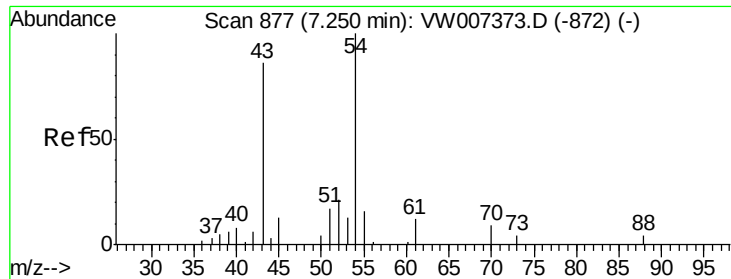
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#36
 1,1-Dichloropropene
 Concen: 52.228 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59785		
110	36.6	18.5	55.5	
77	31.5	25.6	38.4	





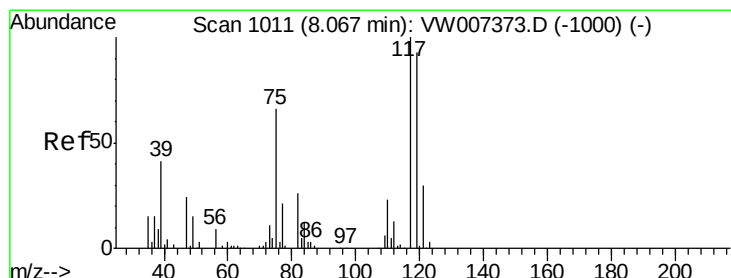
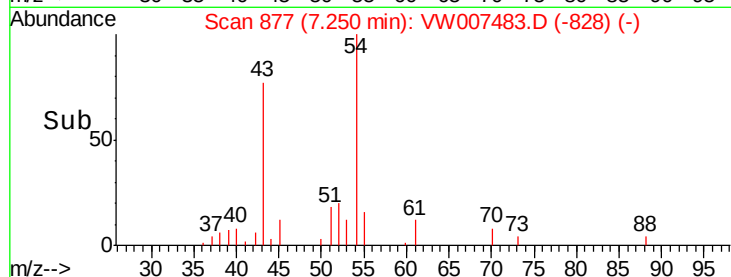
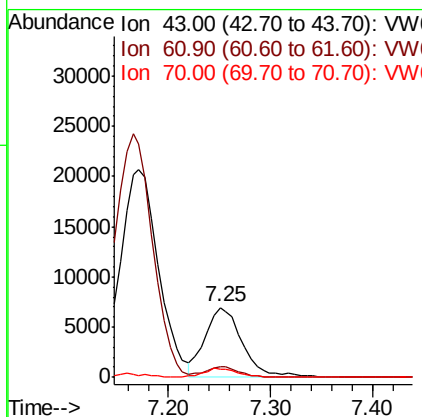
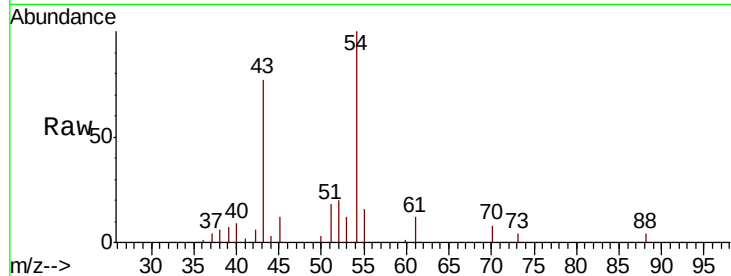
#37
Ethyl Acetate
Concen: 41.801 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.1	18.1
70	11.8	10.0	15.0

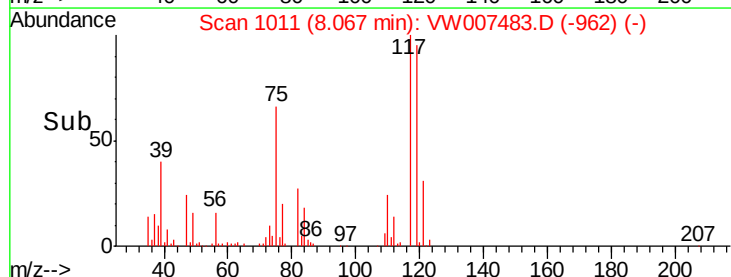
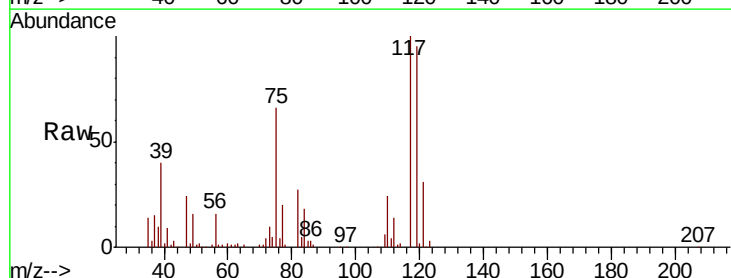
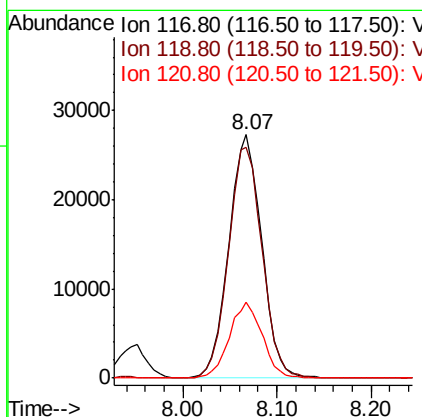
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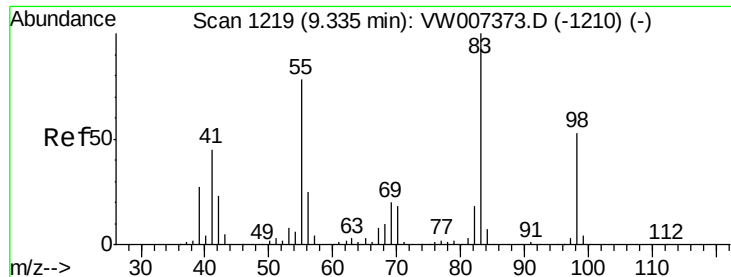
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#38
Carbon Tetrachloride
Concen: 53.247 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.3	111.5
121	31.3	24.3	36.5





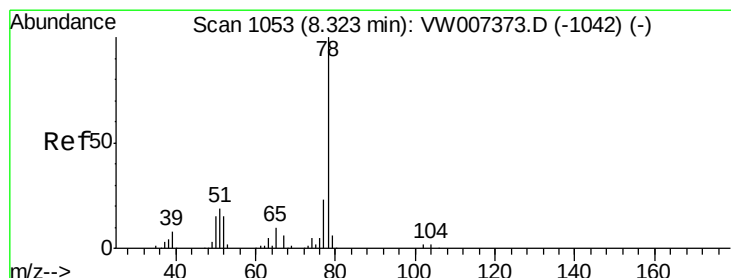
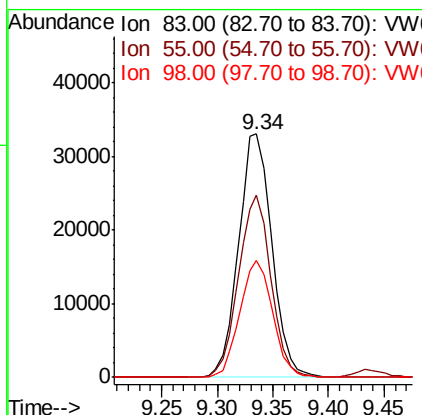
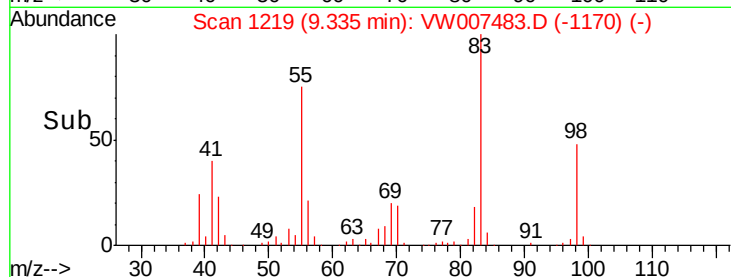
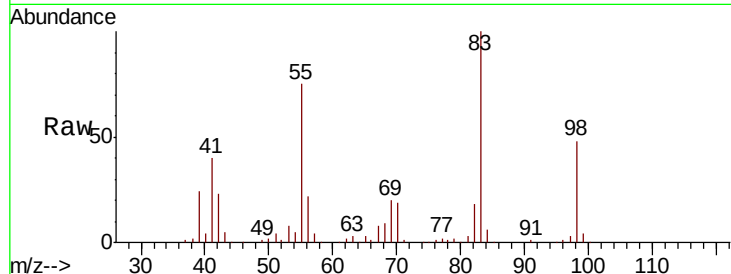
#39
Methylvlcyclohexane
Concen: 49.578 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	62.8	94.2
98	48.2	42.2	63.2

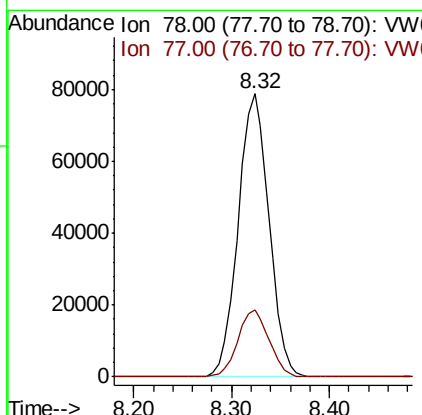
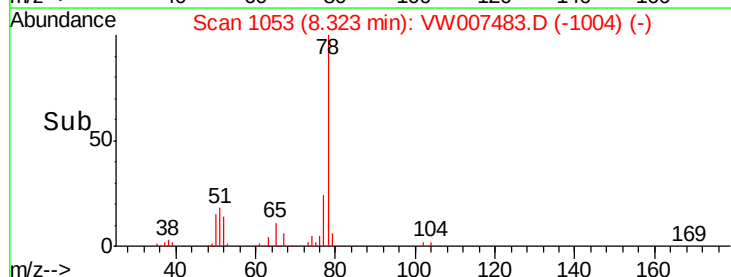
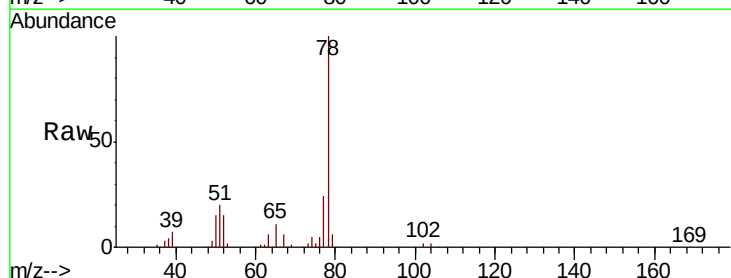
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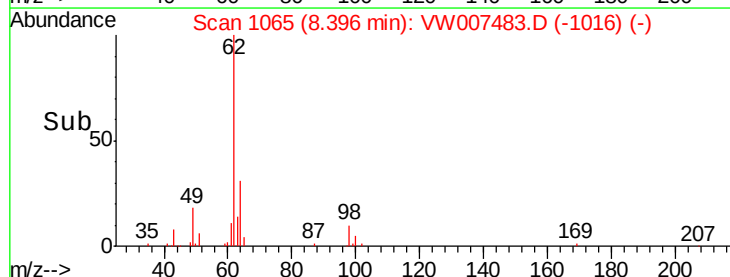
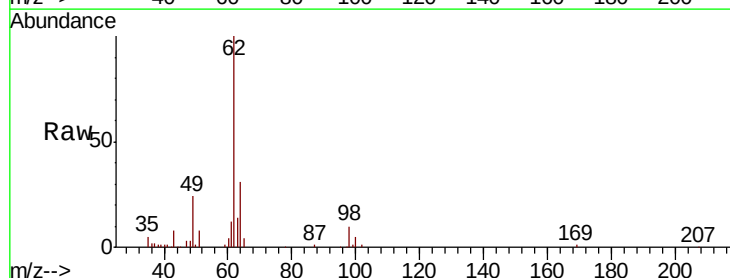
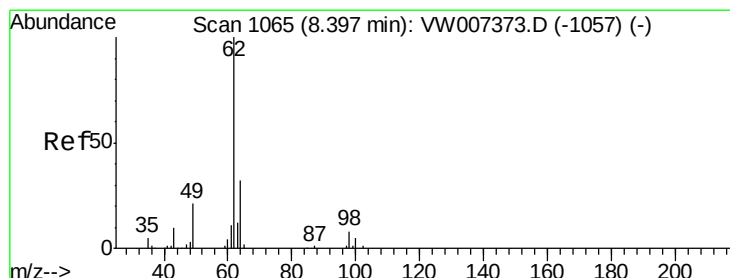
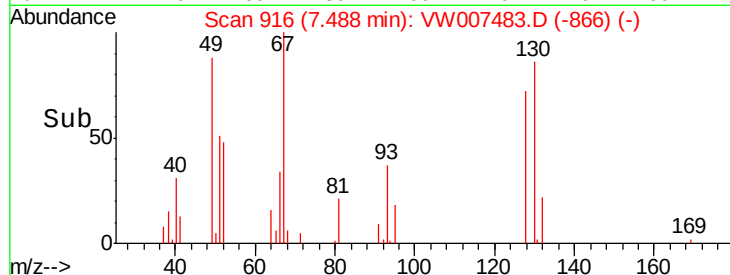
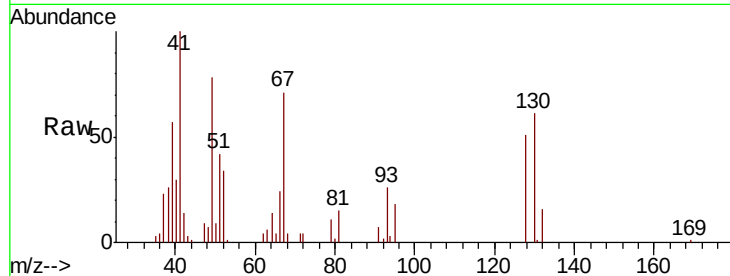
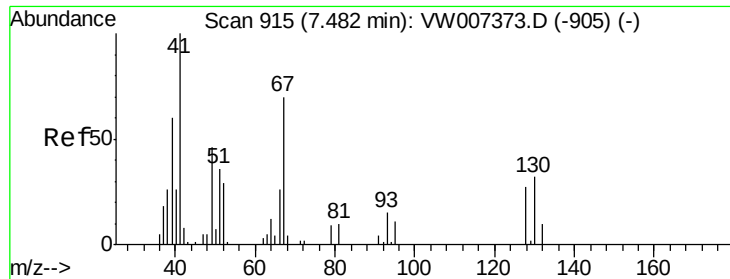
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#40
Benzene
Concen: 54.195 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

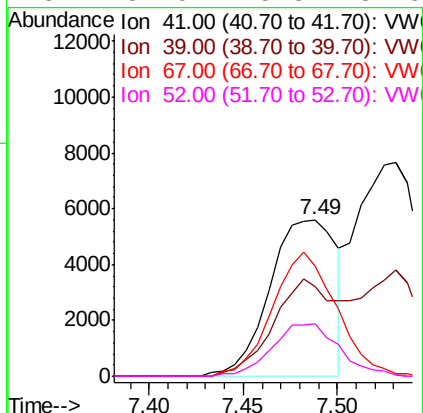
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41
Methacrylonitrile
Concen: 56.445 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.3	52.2	78.2
67	76.4	60.5	90.7
52	34.0	25.3	37.9



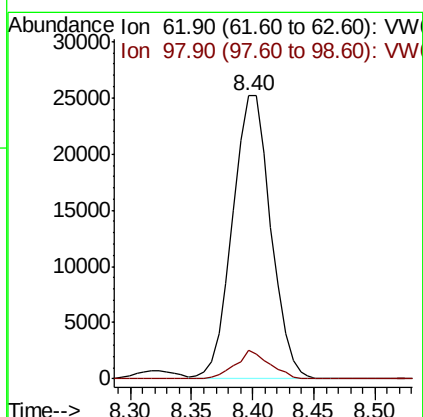
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

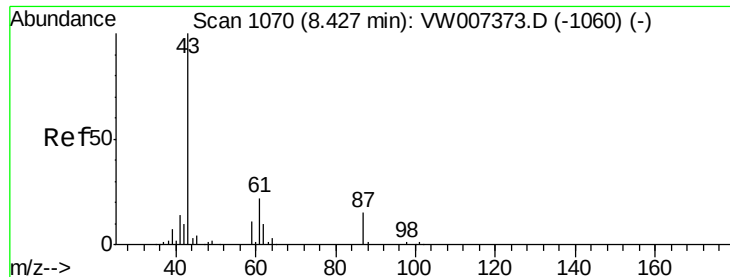
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#42
1,2-Dichloroethane
Concen: 54.954 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.075 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

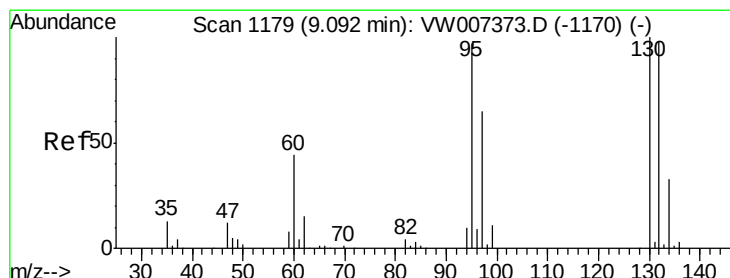
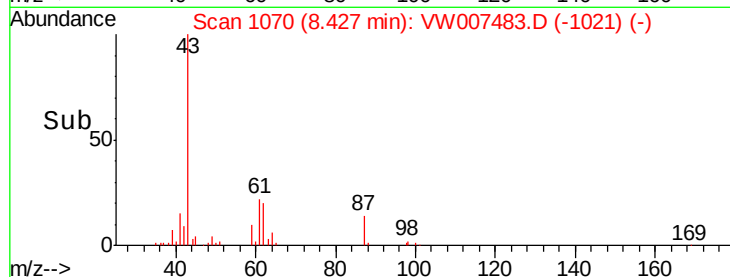
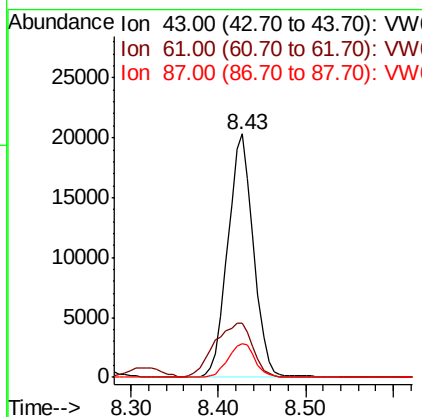
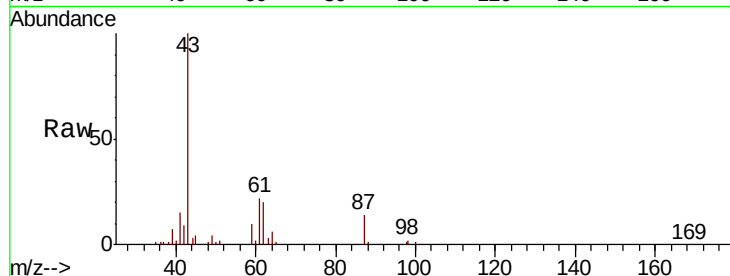
ClientSampleId :

SB-01AMSD

Tot Ion:	43	Resp:	41272
Ion	Ratio	Lower	Upper
43	100		
61	33.3	25.3	37.9
87	14.6	11.8	17.8

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#44

Trichloroethene

Concen: 54.120 ug/l

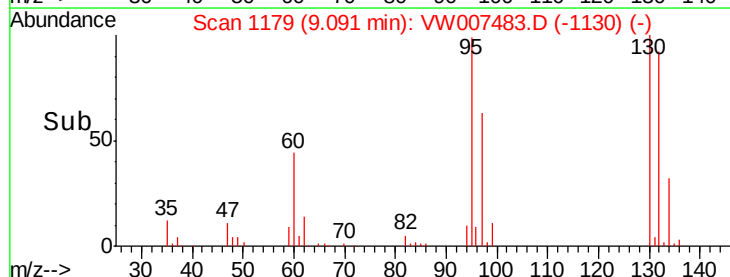
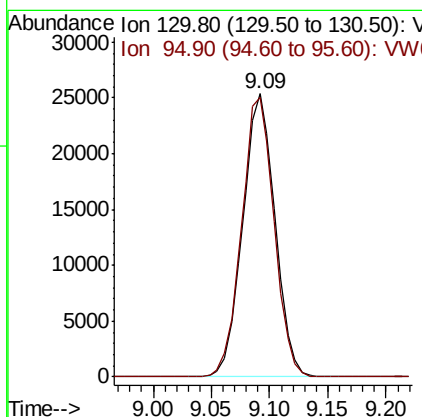
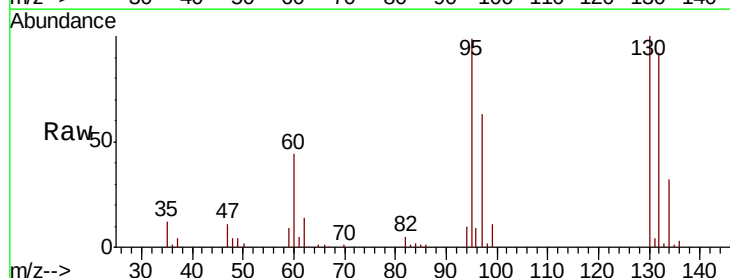
RT: 9.09 min Scan# 1179

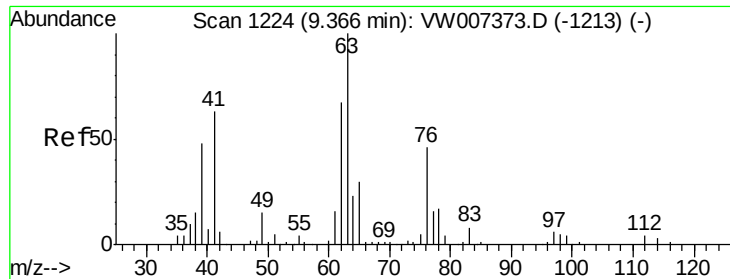
Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion:	130	Resp:	49095
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	193.2





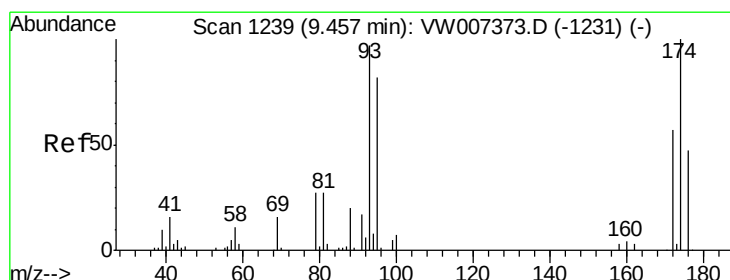
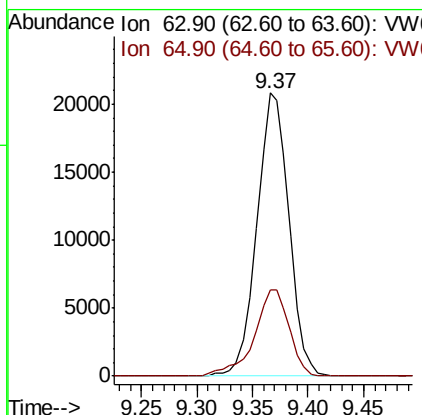
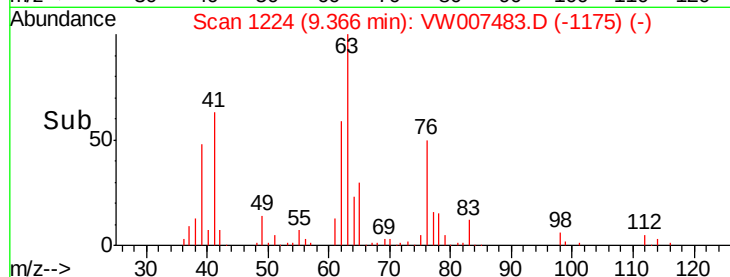
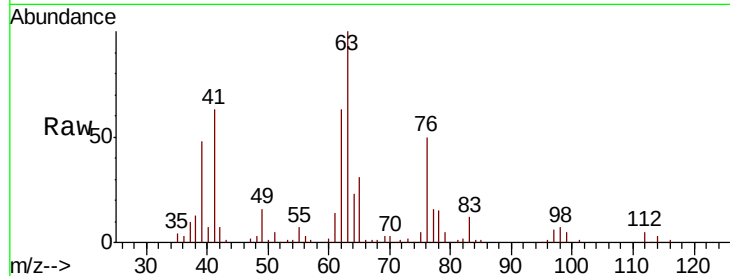
#45
 1,2-Dichloropropane
 Concen: 56.708 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion: 63 Resp: 41688
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6

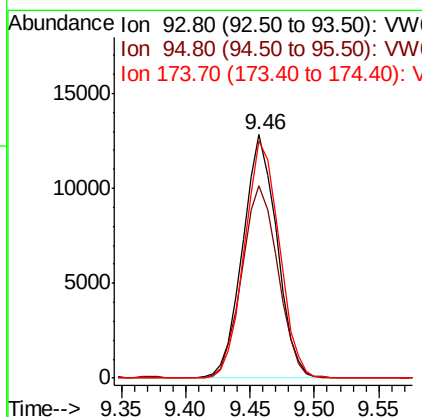
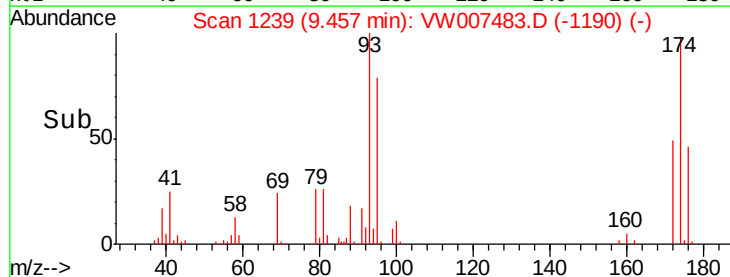
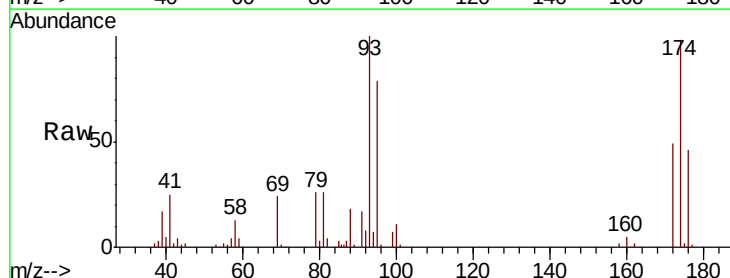
Manual Integrations
 APPROVED

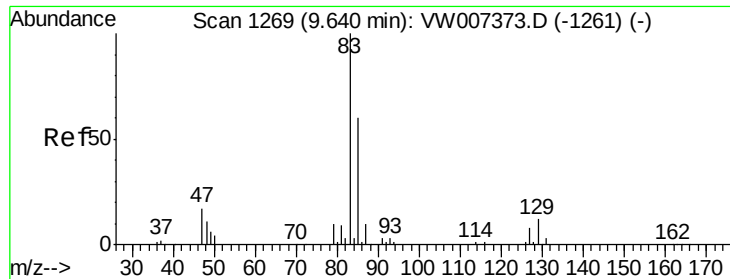
MMDadoda
 12/14/2018 11:24:33 AM



#46
 Dibromomethane
 Concen: 56.459 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 93 Resp: 23570
 Ion Ratio Lower Upper
 93 100
 95 83.2 68.0 102.0
 174 99.4 83.2 124.8





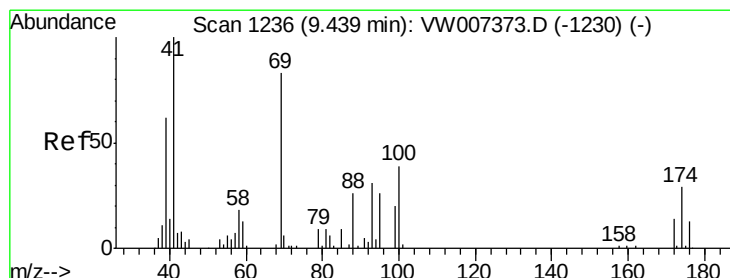
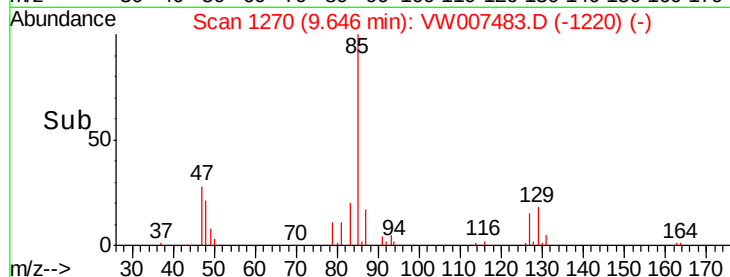
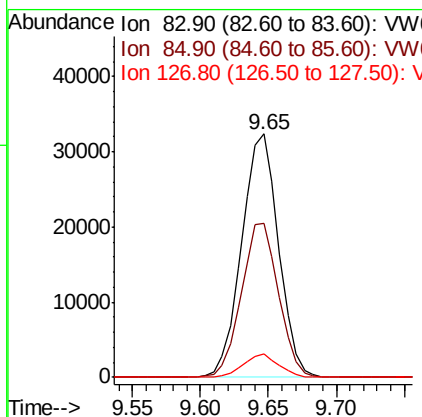
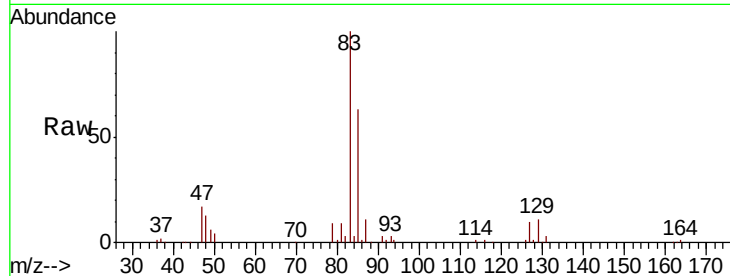
#47
Bromodichloromethane
Concen: 55.865 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	61174		
85	63.0		47.6	71.4
127	9.5		6.7	10.1

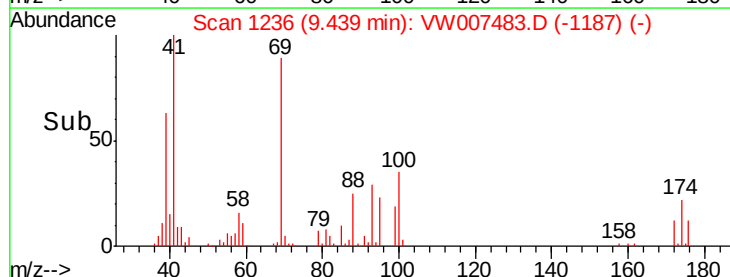
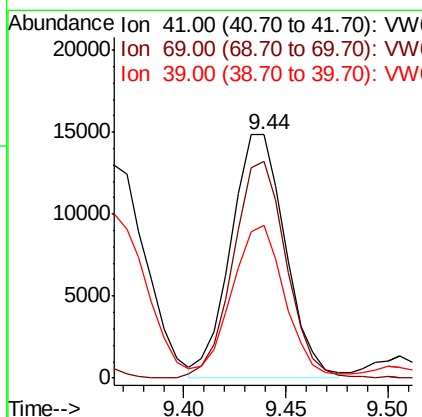
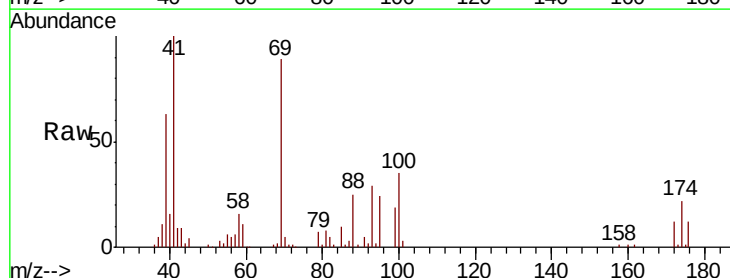
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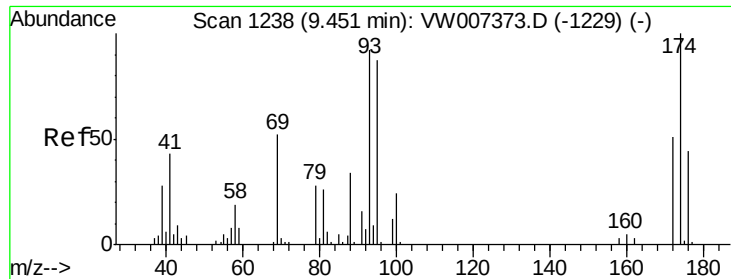
MMDadoda
12/14/2018 11:24:33 AM



#48
Methyl methacrylate
Concen: 64.158 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	27711		
69	86.4		69.8	104.8
39	61.7		50.9	76.3





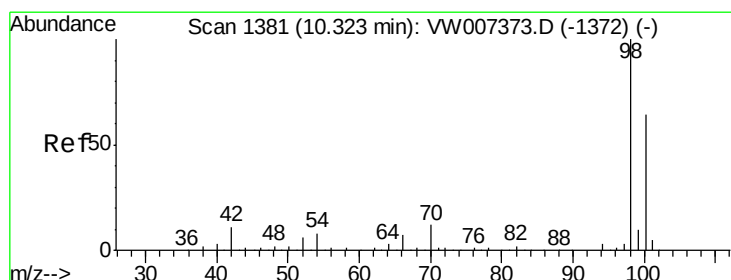
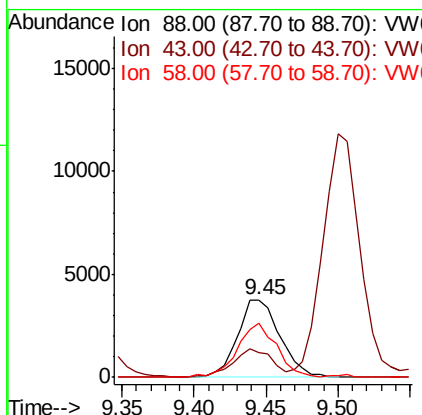
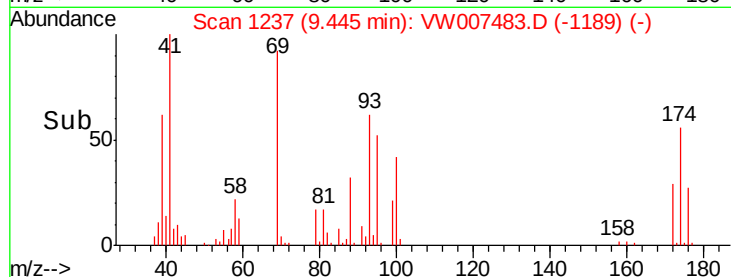
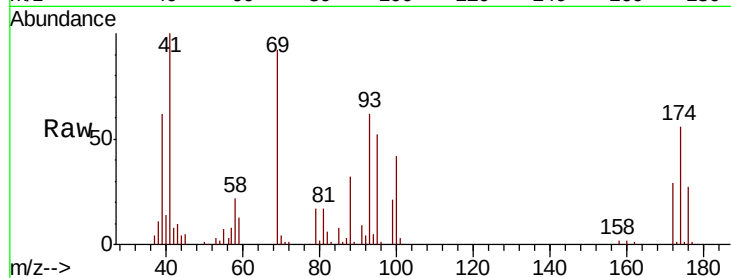
#49
1,4-Dioxane
Concen: 1131.275 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.0	37.4
58	64.4	51.4	77.2

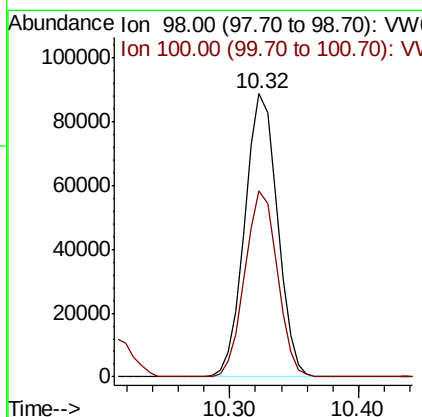
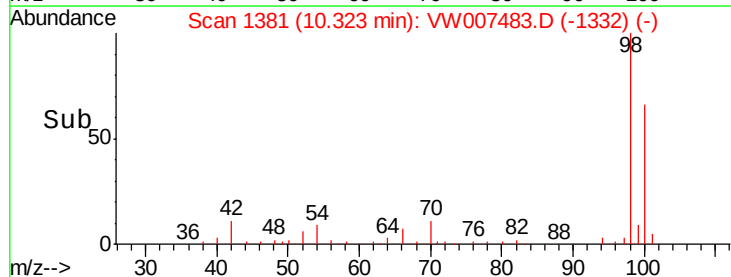
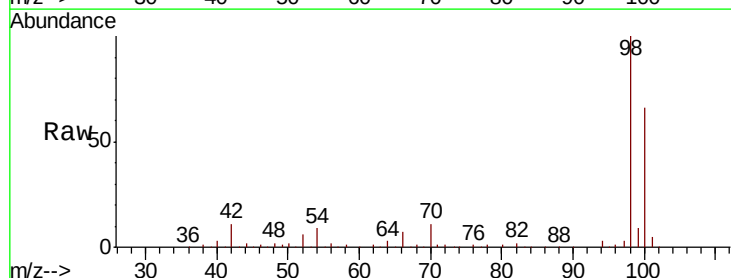
Manual Integrations
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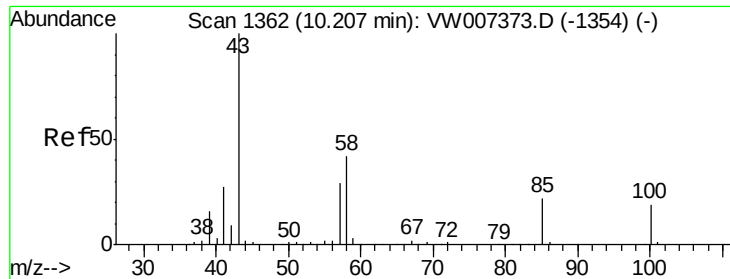
MMDadoda
12/14/2018 11:24:33 AM



#50
Toluene-d8
Concen: 54.714 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8





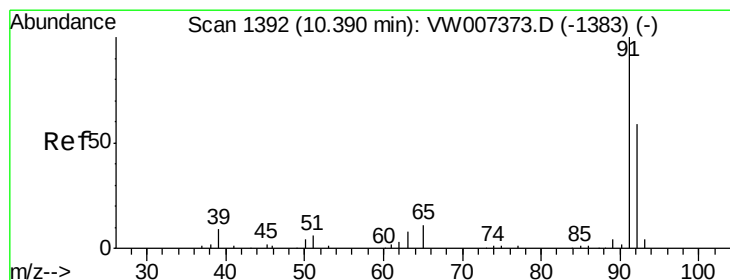
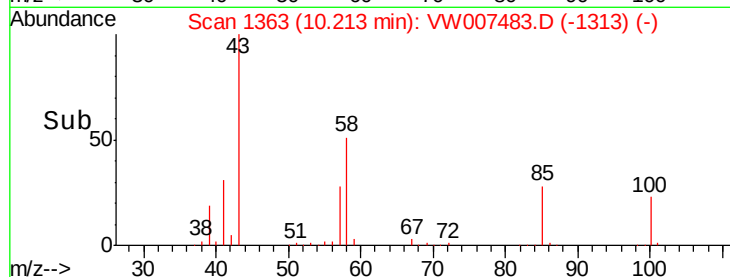
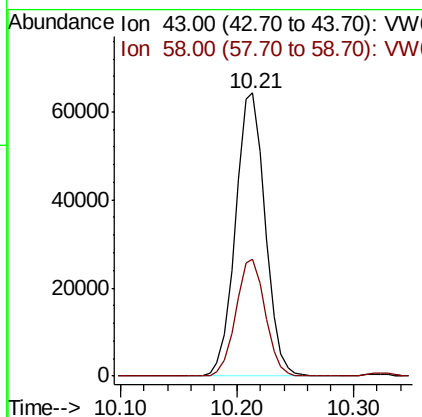
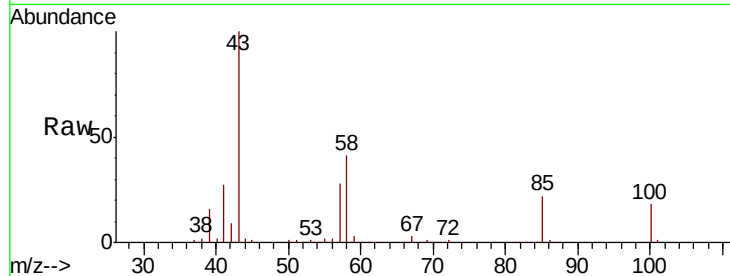
#51
4-Methyl-2-Pentanone
Concen: 287.578 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampled :
SB-01AMSD

Tot Ion: 43 Resp: 114275
Ion Ratio Lower Upper
43 100
58 40.9 33.1 49.7

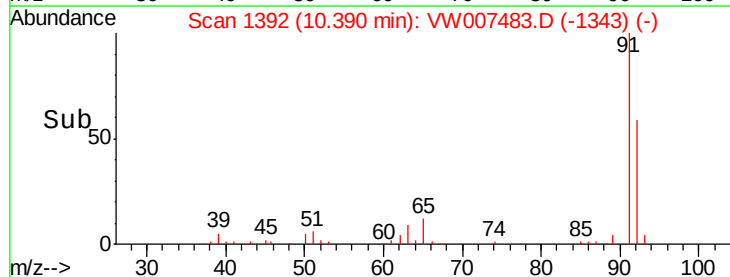
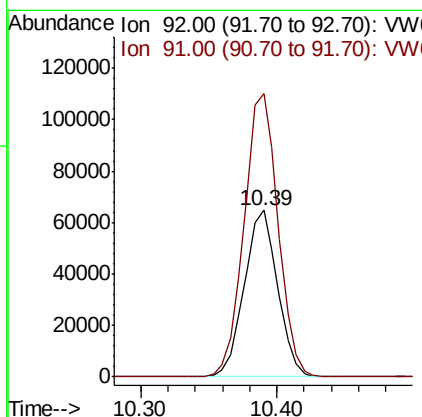
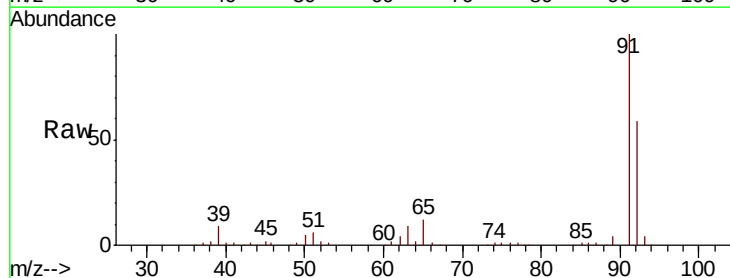
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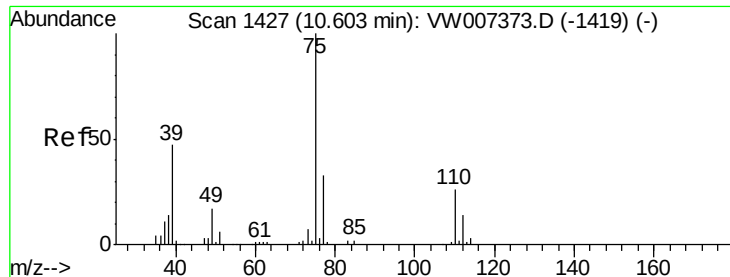
MMDadoda
12/14/2018 11:24:33 AM



#52
Toluene
Concen: 53.995 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 92 Resp: 111004
Ion Ratio Lower Upper
92 100
91 173.3 136.2 204.2





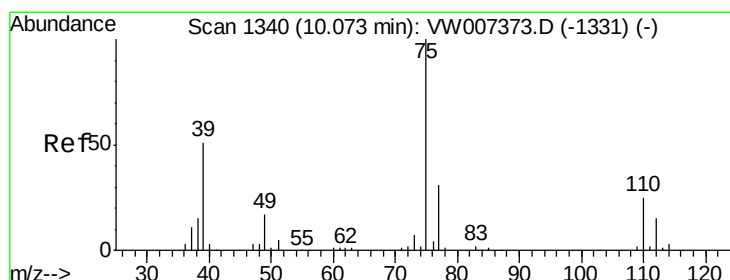
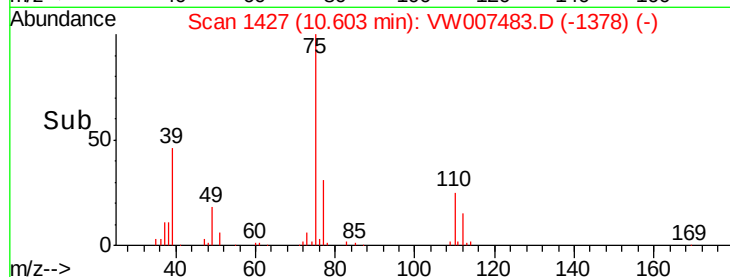
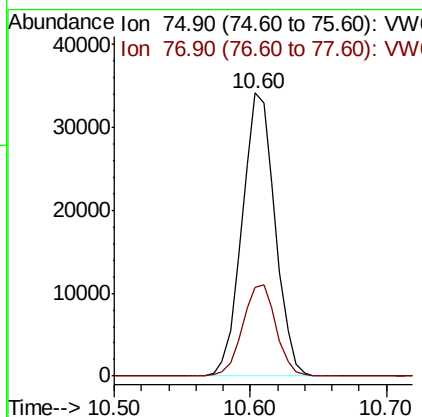
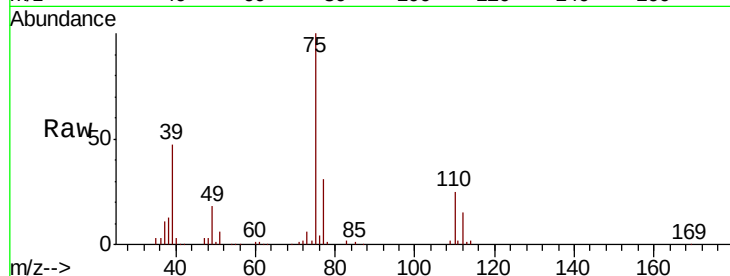
#53
 t-1,3-Dichloropropene
 Concen: 54.335 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion: 75 Resp: 57763
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.4

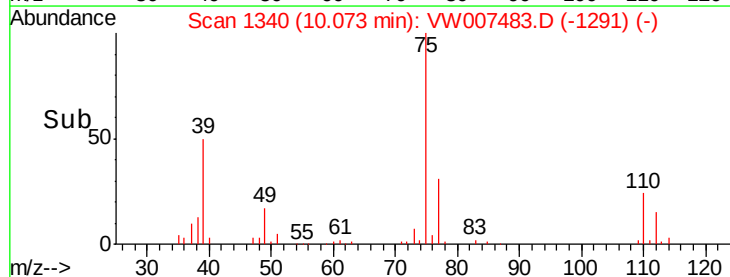
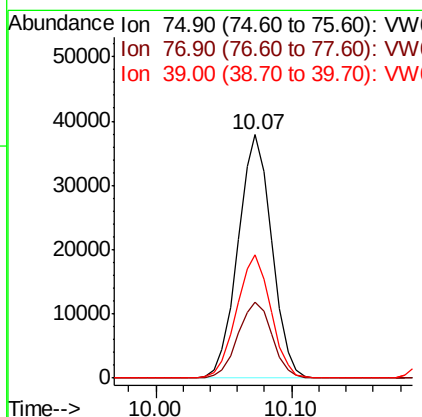
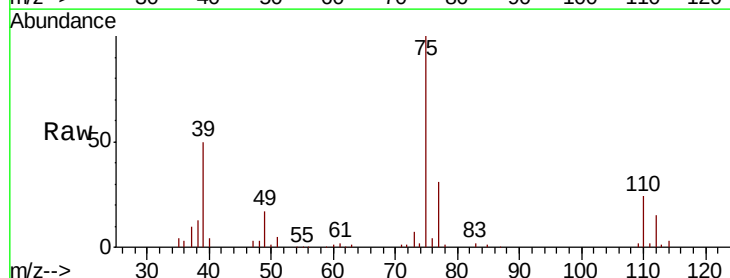
Manual Integrations
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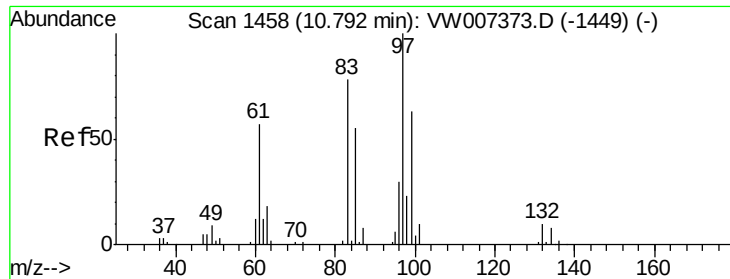
MMDadoda
 12/14/2018 11:24:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.425 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 75 Resp: 65657
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 50.4 40.9 61.3





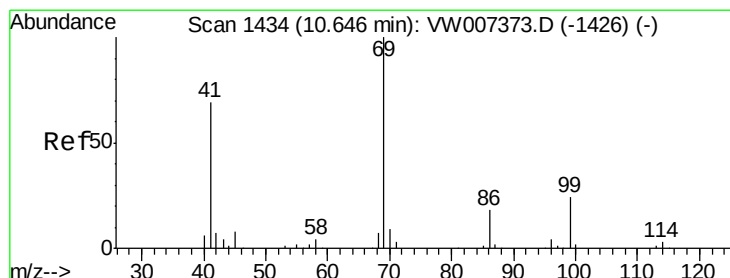
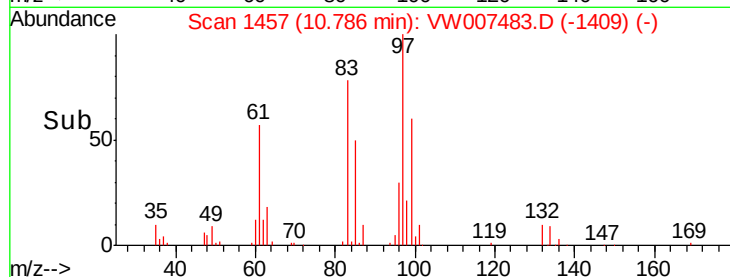
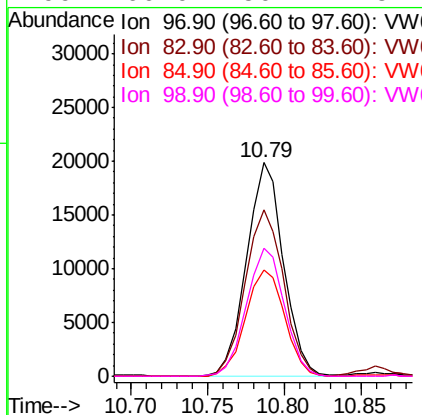
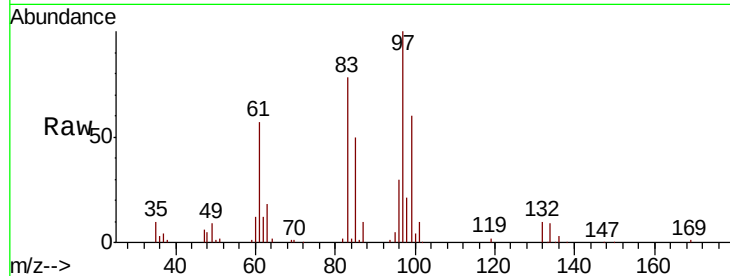
#55
 1,1,2-Trichloroethane
 Concen: 58.807 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion:	97	Resp:	33413
Ion	Ratio	Lower	Upper
97	100		
83	77.8	62.1	93.1
85	50.0	44.2	66.4
99	60.0	50.2	75.4

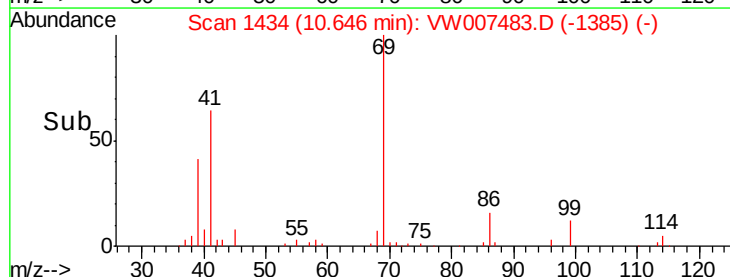
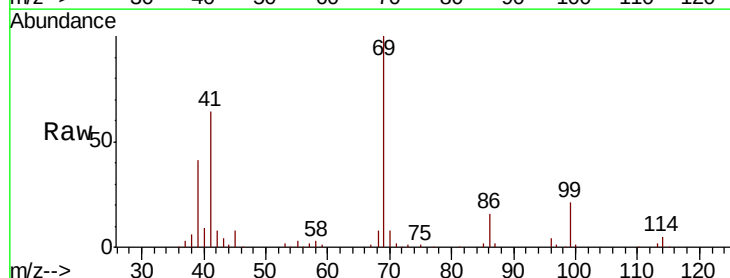
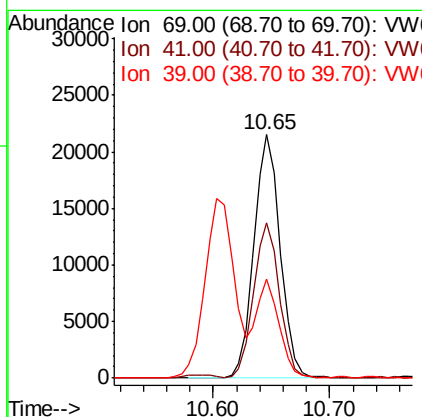
Manual Integrations
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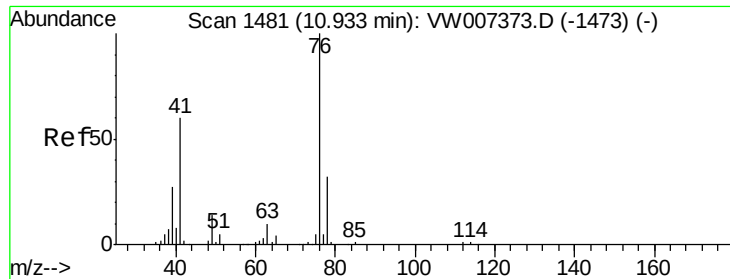
MMDadoda
 12/14/2018 11:24:33 AM



#56
 Ethyl methacrylate
 Concen: 49.542 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion:	69	Resp:	33834
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.6
39	36.6	30.8	46.2





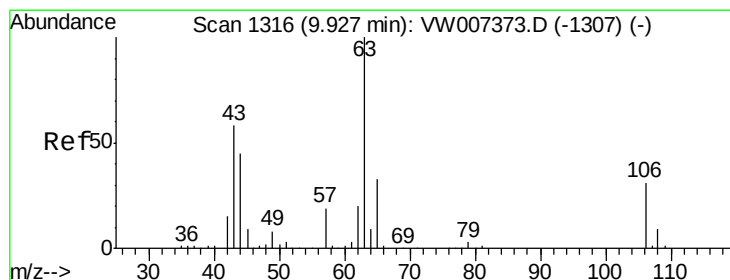
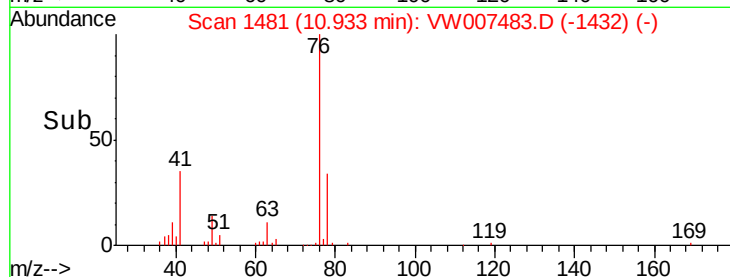
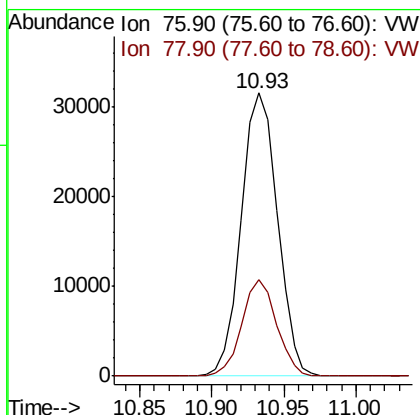
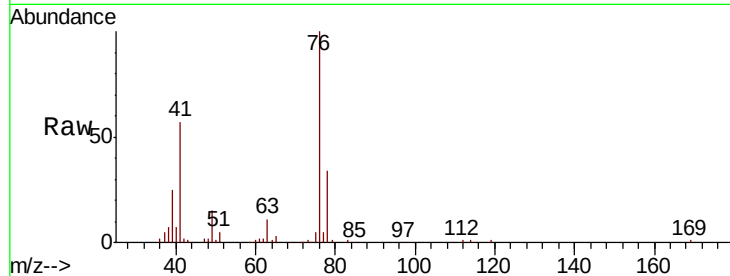
#57
 1,3-Dichloropropane
 Concen: 59.048 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion: 76 Resp: 55067
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4

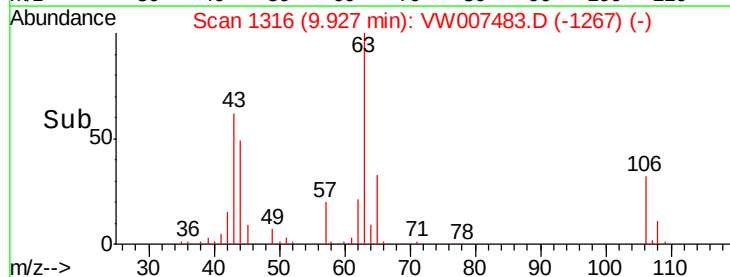
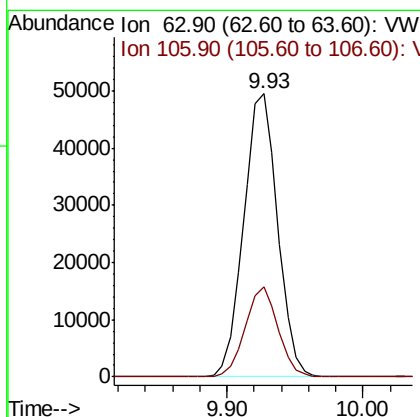
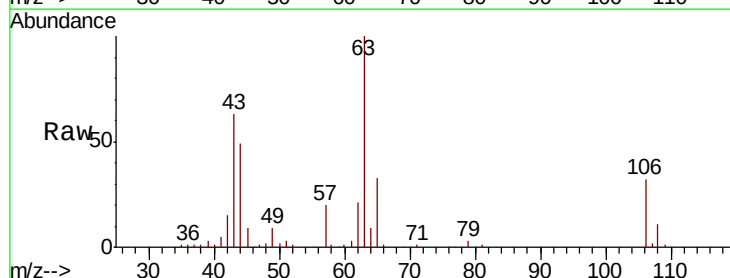
Manual Integrations
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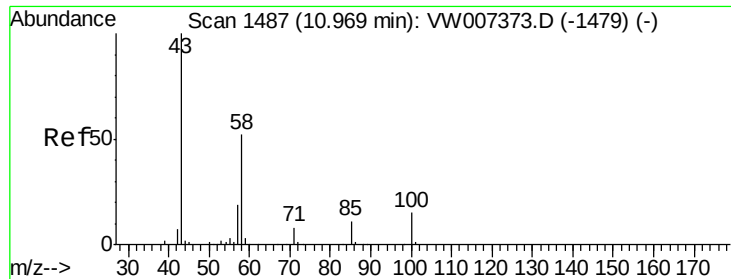
MMDadoda
 12/14/2018 11:24:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.389 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 63 Resp: 86414
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.0 37.6





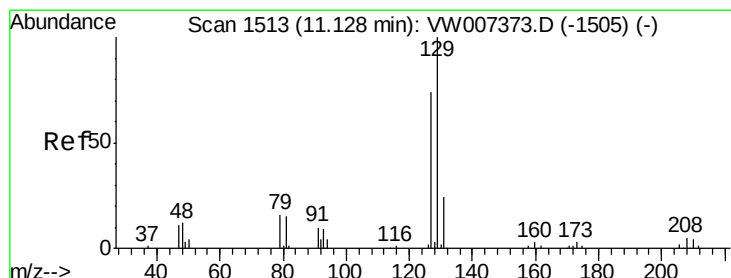
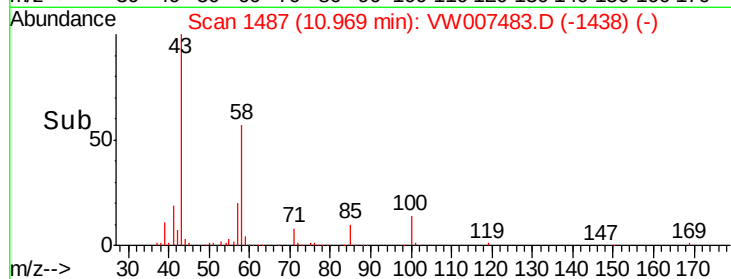
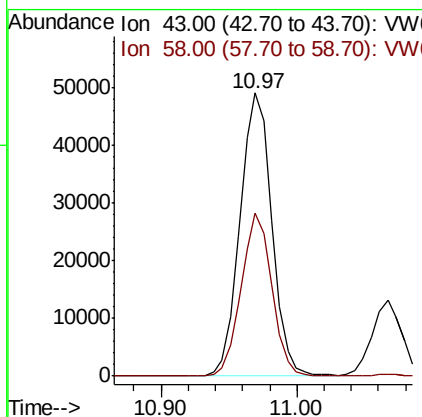
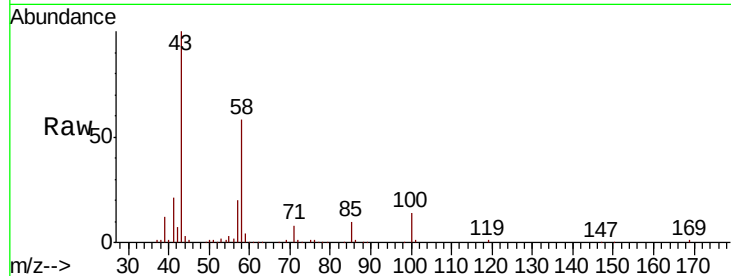
#59
2-Hexanone
Concen: 303.272 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	43	Resp	80357
Ion Ratio	100	Lower	Upper
43	100		
58	55.6	27.1	81.3

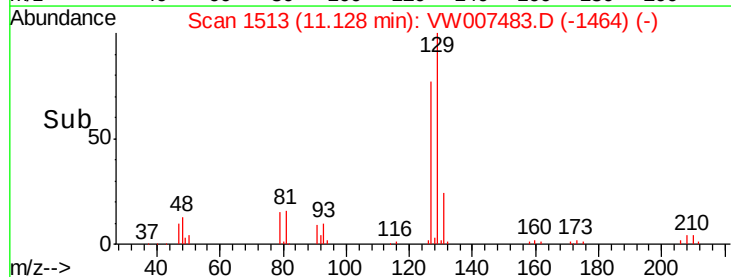
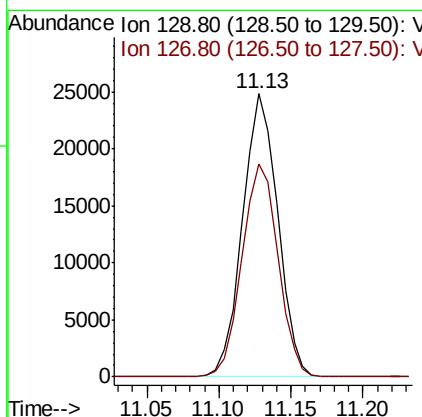
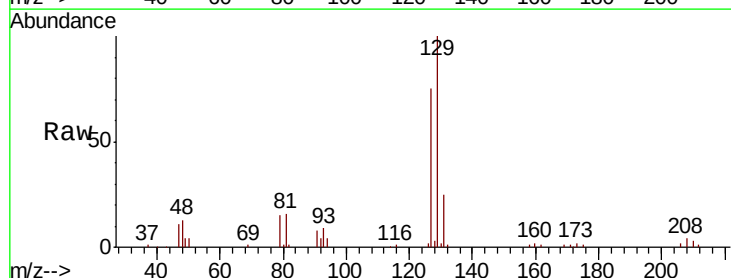
Manual Integrations
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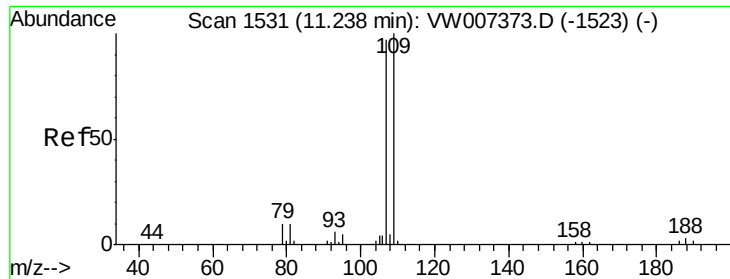
MMDadoda
12/14/2018 11:24:33 AM



#60
Dibromochloromethane
Concen: 58.660 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	129	Resp	42062
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.1	114.3





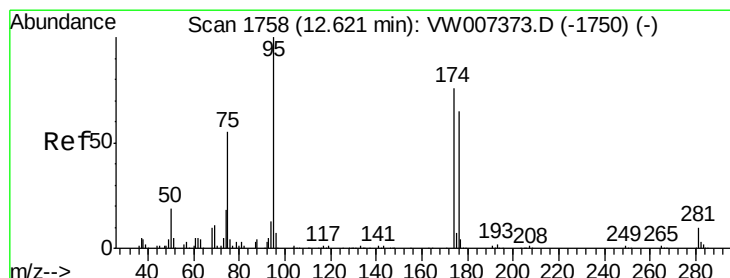
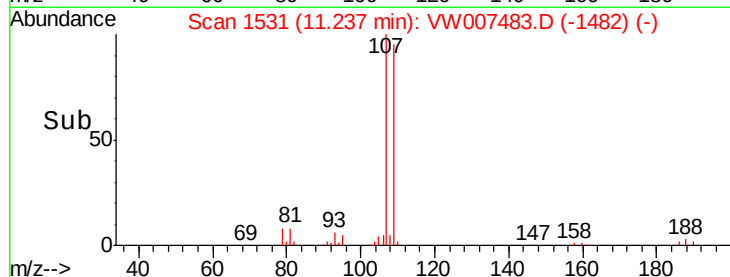
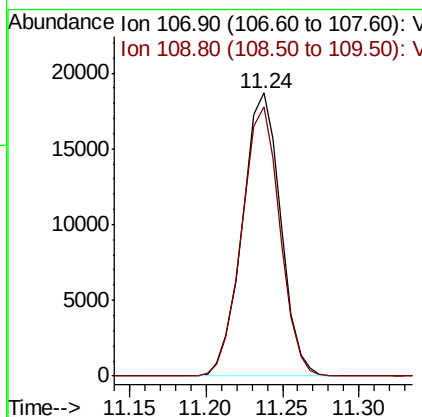
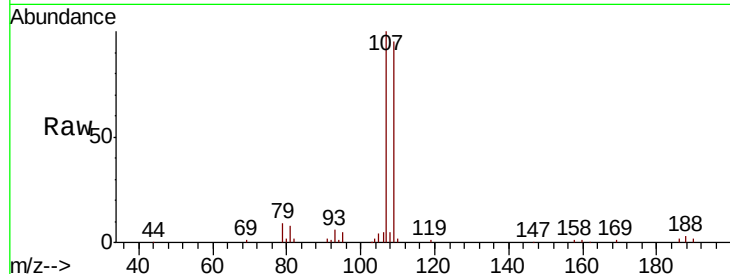
#61
 1,2-Dibromoethane
 Concen: 57.783 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	79.1	118.7

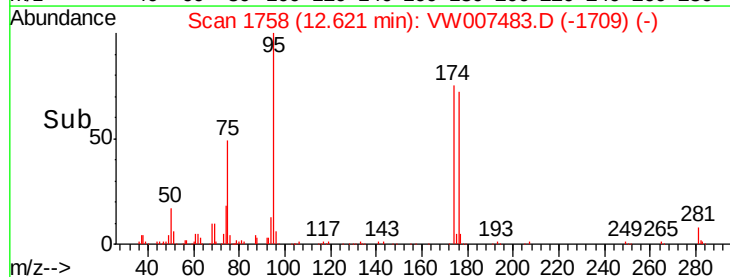
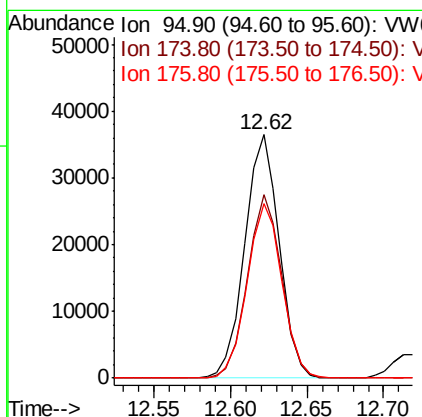
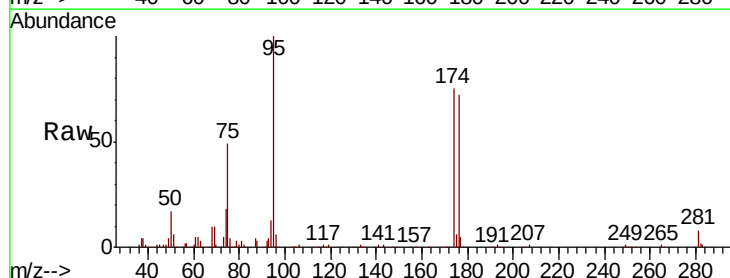
Manual Integrations
 APPROVED

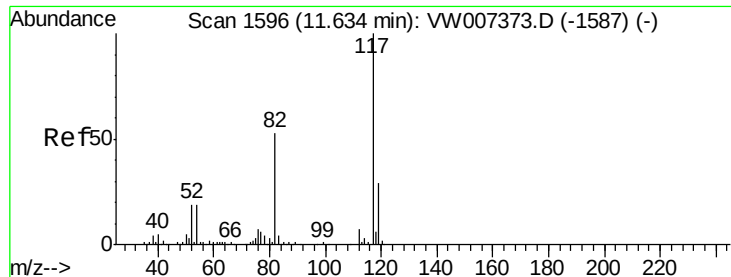
MMDadoda
 12/14/2018 11:24:33 AM



#62
 4-Bromofluorobenzene
 Concen: 54.468 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	147.2
176	72.6	0.0	138.8





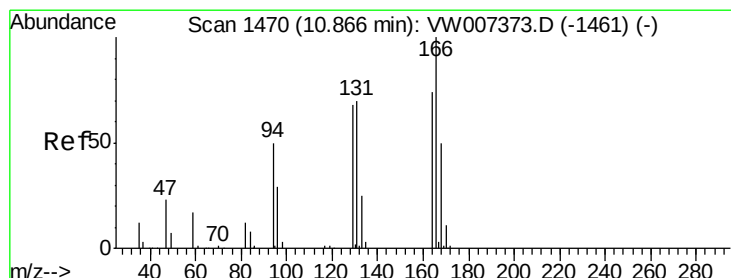
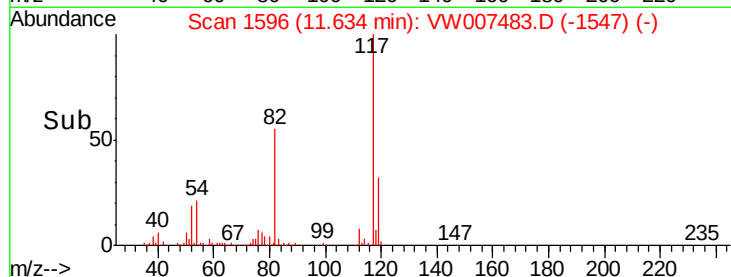
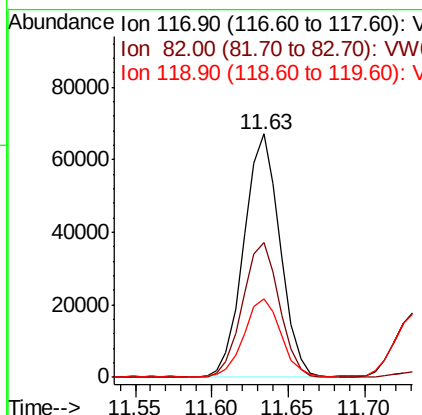
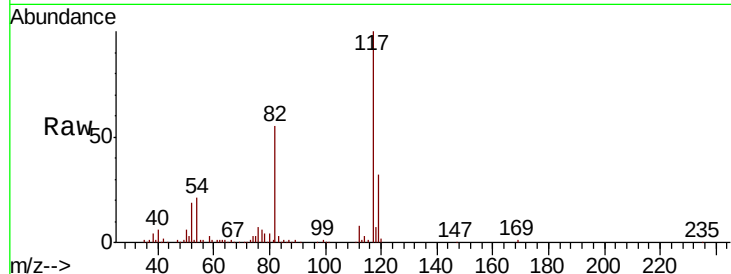
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.3	63.5
119	31.7	23.0	34.6

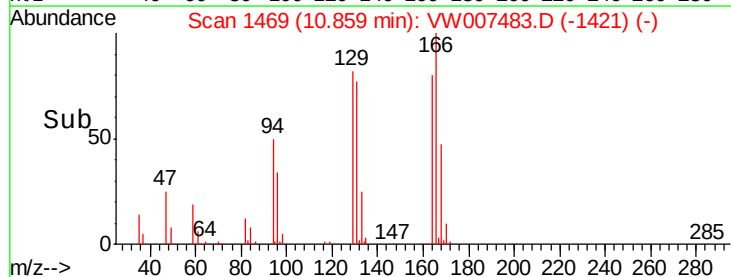
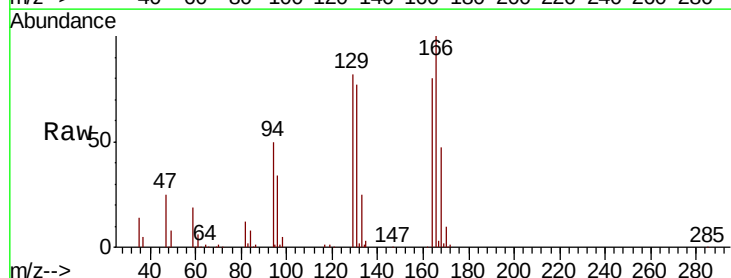
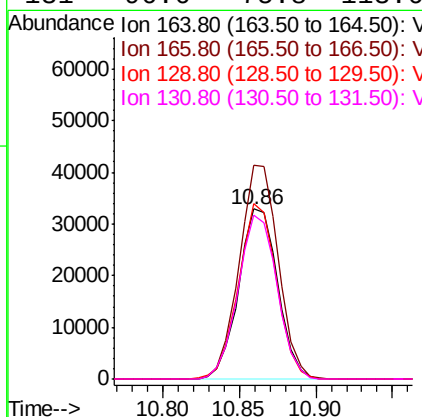
Manual Integrations
APPROVED

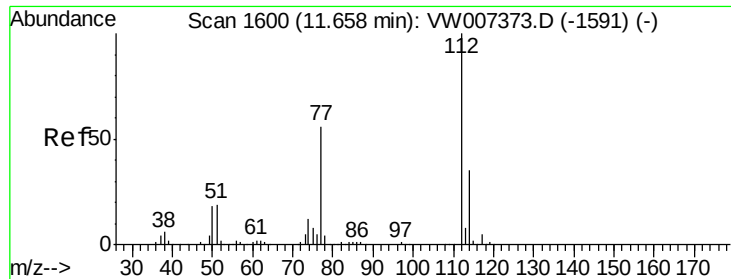
MMDadoda
12/14/2018 11:24:33 AM



#64
Tetrachloroethene
Concen: 73.328 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	107.9	161.9
129	103.0	73.4	110.2
131	96.6	75.8	113.6





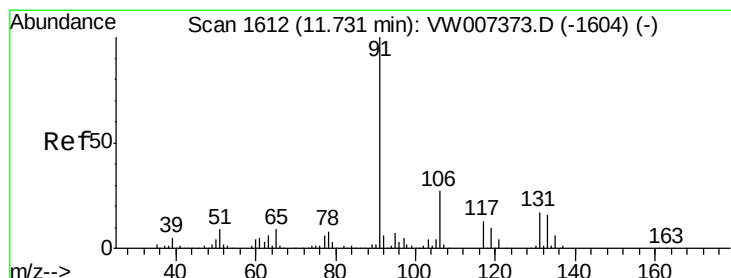
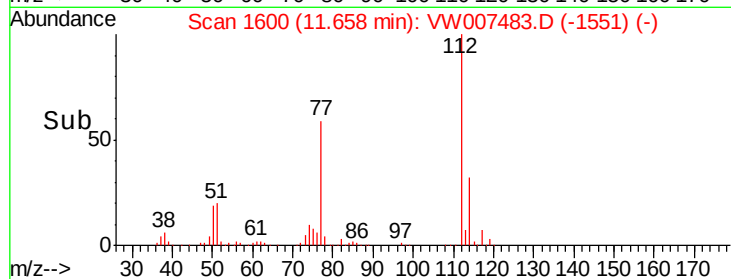
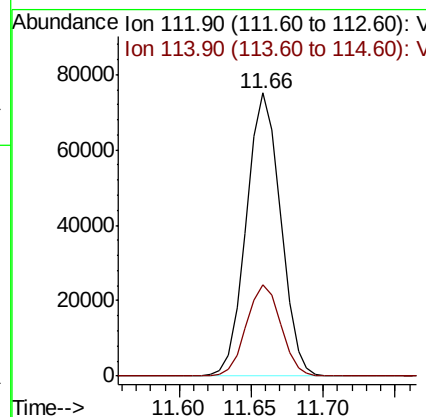
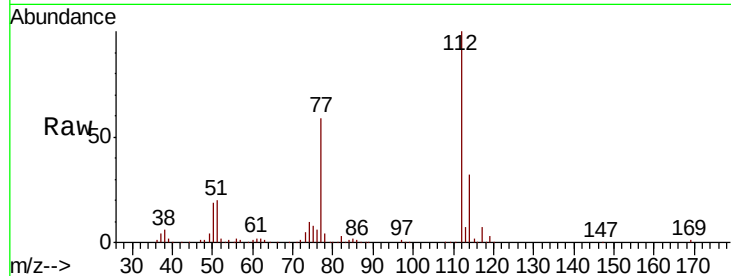
#65
Chlorobenzene
Concen: 53.795 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	123860		
114	32.3	27.8	27.8	41.8

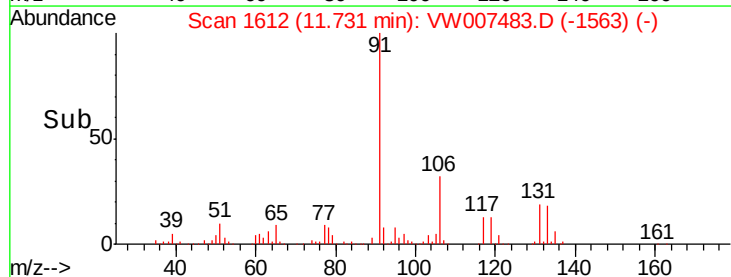
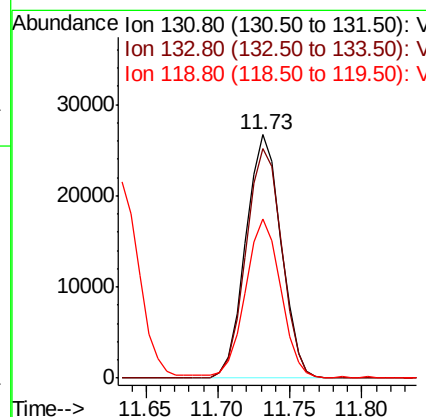
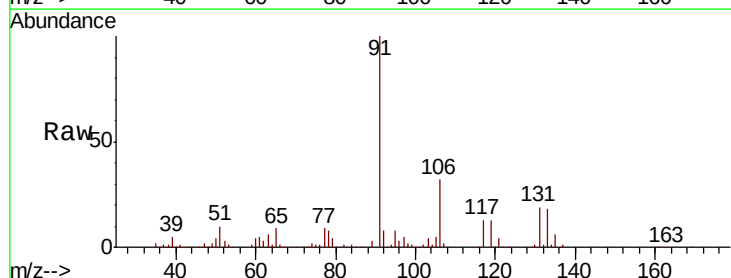
Manual Integrations
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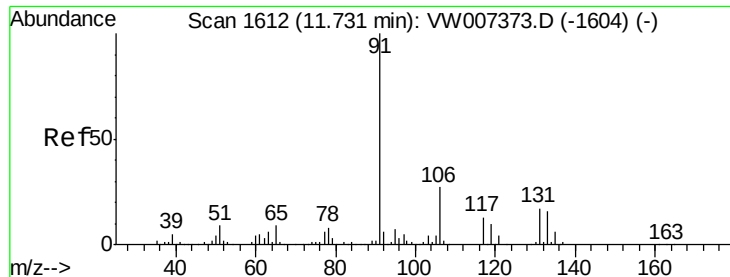
MMDadoda
12/14/2018 11:24:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.068 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	45467		
133	95.2	47.1	47.1	141.4
119	64.9	31.3	31.3	93.9





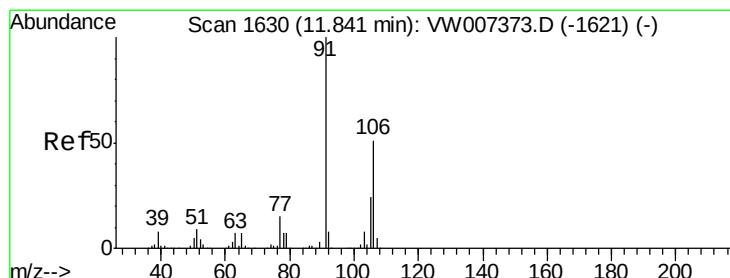
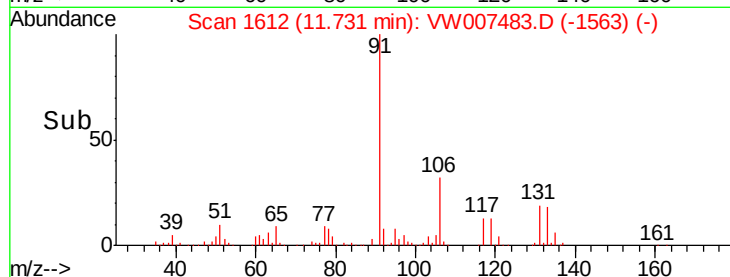
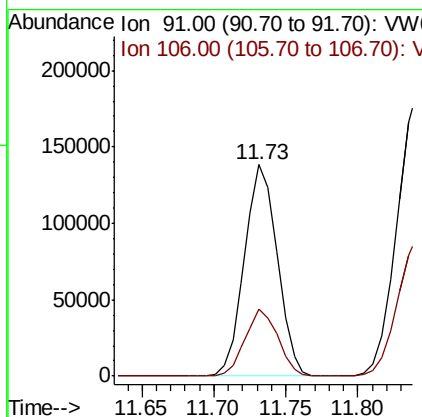
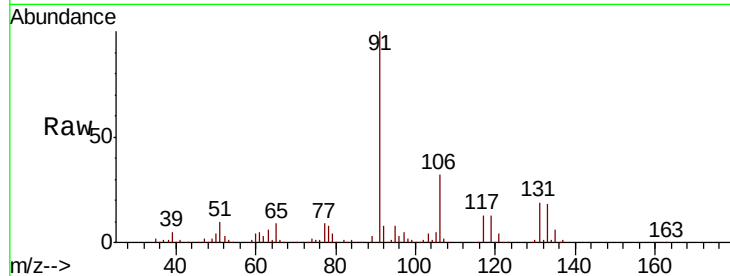
#67
Ethyl Benzene
Concen: 55.239 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.8	32.8

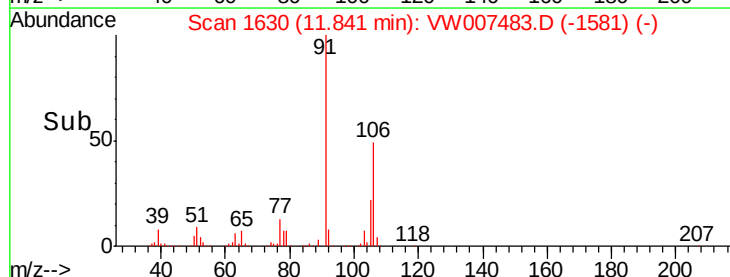
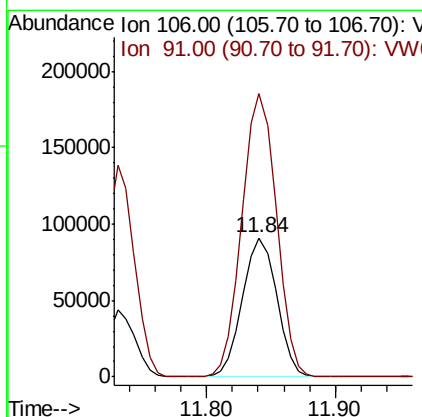
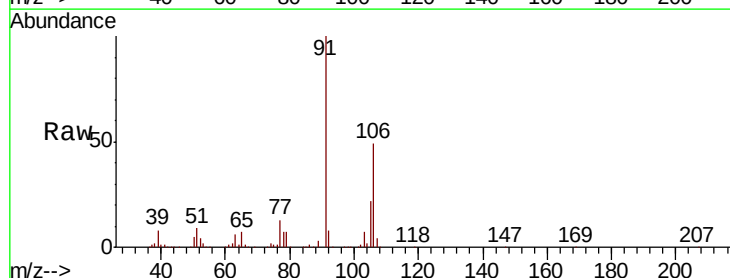
Manual Integrations
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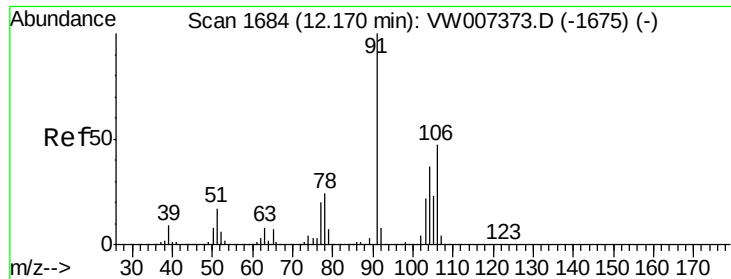
MMDadoda
12/14/2018 11:24:33 AM



#68
m/p-Xylenes
Concen: 109.220 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.0	165.3	247.9





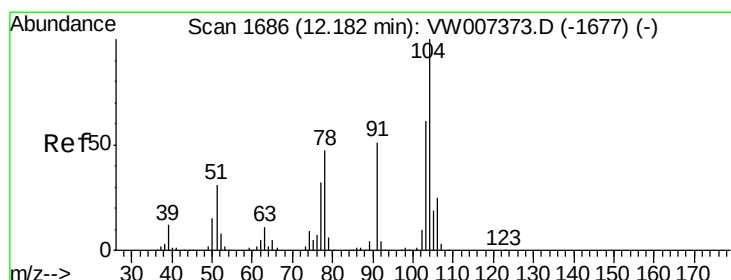
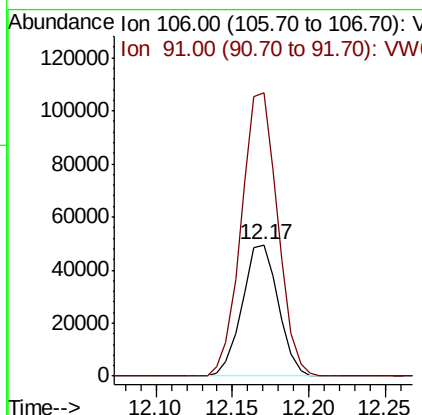
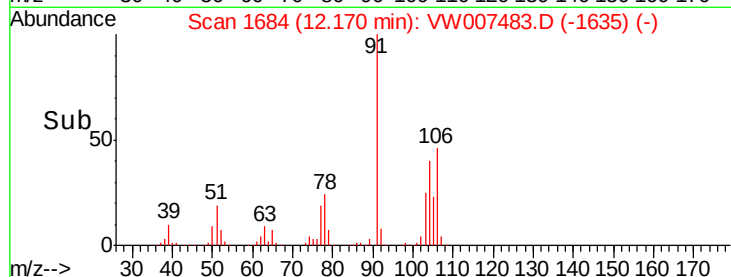
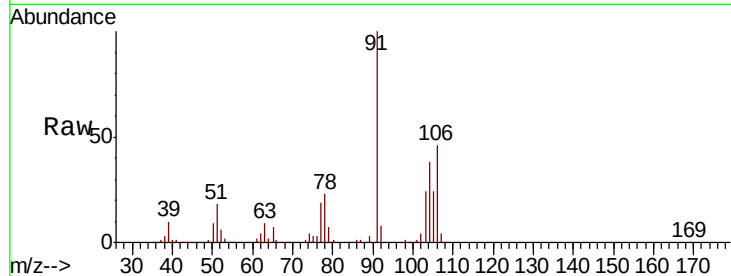
#69
o-Xylene
Concen: 56.642 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion:106 Resp: 81409
Ion Ratio Lower Upper
106 100
91 216.6 106.6 319.8

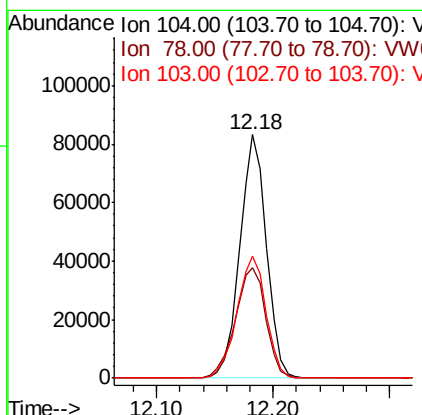
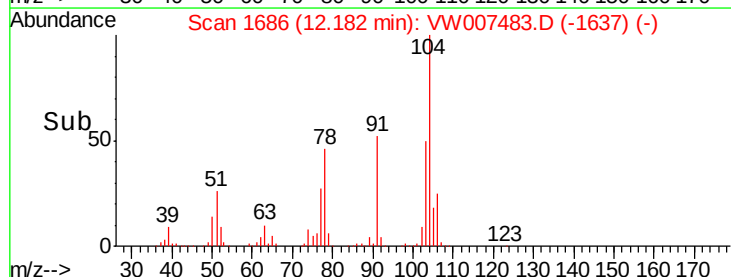
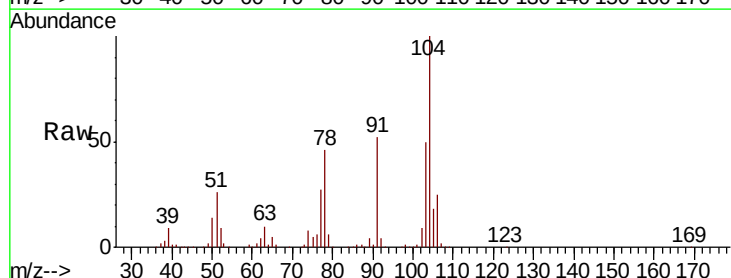
Manual Integrations
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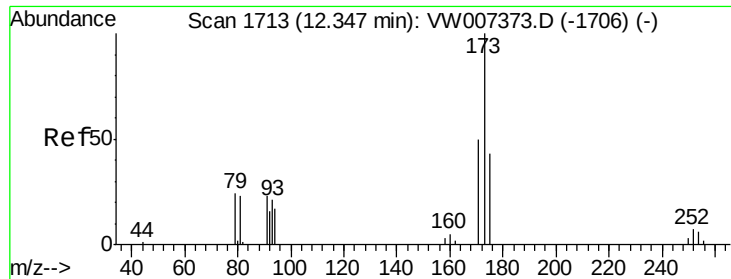
MMDadoda
12/14/2018 11:24:33 AM



#70
Styrene
Concen: 56.752 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:104 Resp: 131748
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 55.0 46.6 69.8





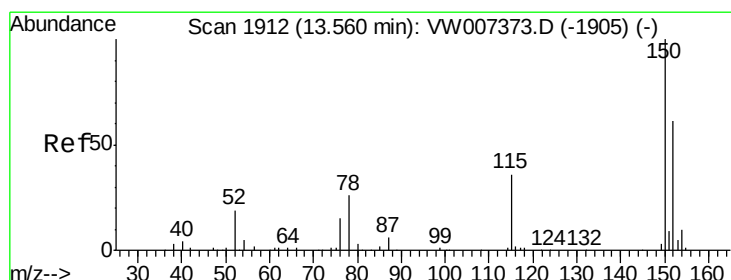
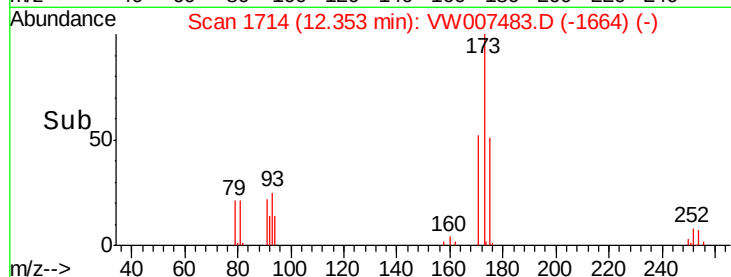
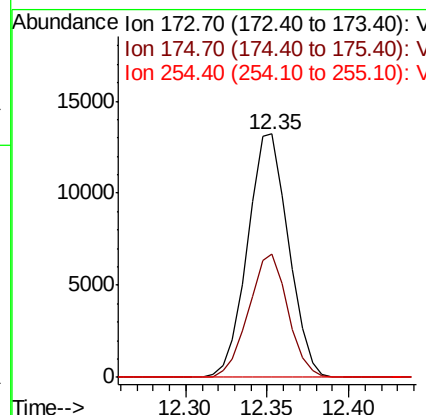
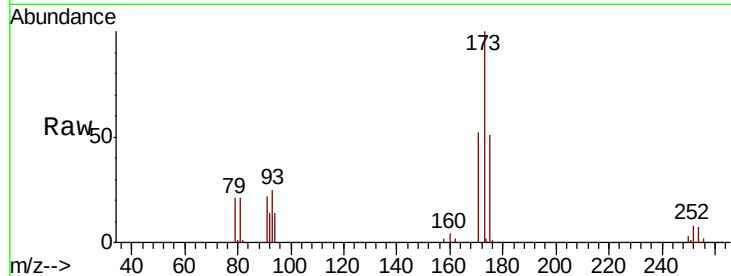
#71
Bromoform
Concen: 55.601 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.6	70.8
254	0.0	0.0	0.0

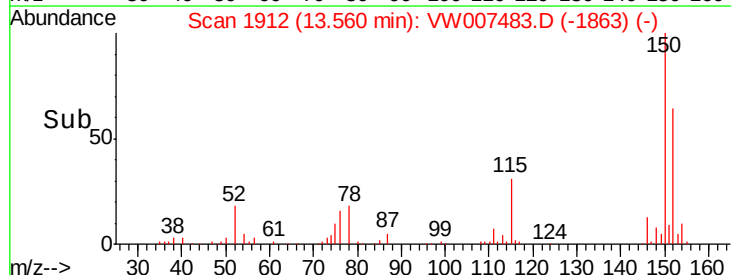
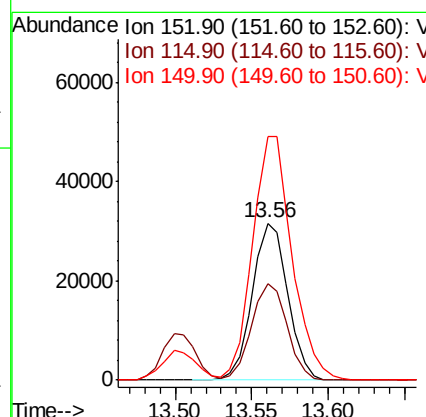
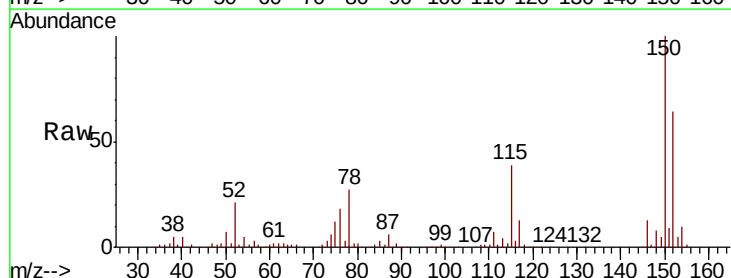
Manual Integrations
APPROVED

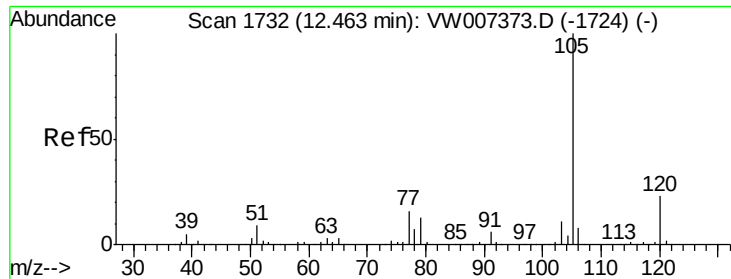
MMDadoda
12/14/2018 11:24:33 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.4	94.2
150	173.1	0.0	358.4





#73

Isopropylbenzene

Concen: 56.037 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 105 Resp: 218691

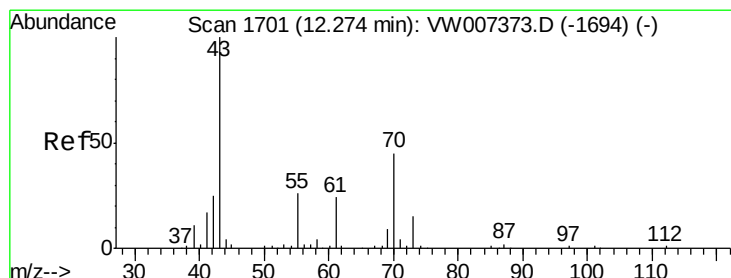
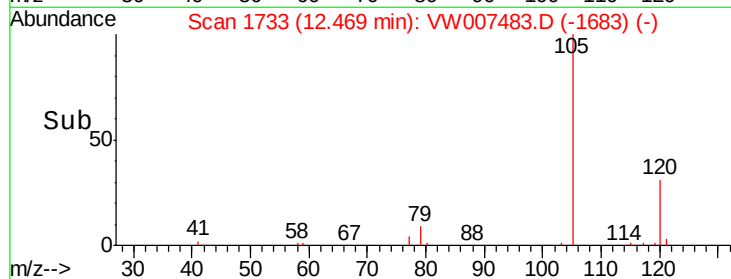
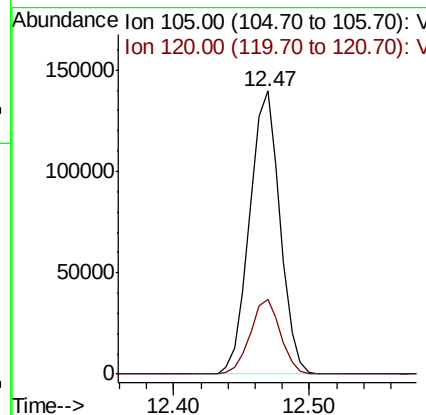
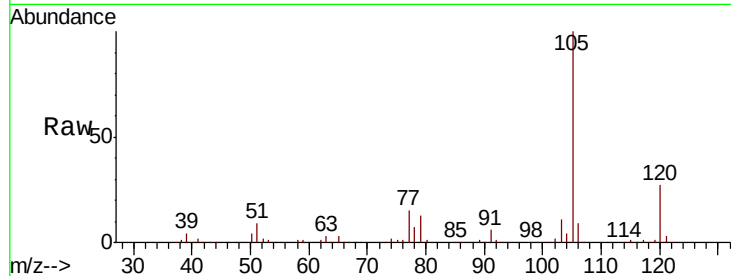
Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4

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12/14/2018 11:24:33 AM



#74

N-ethyl acetate

Concen: 24.851 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion: 43 Resp: 17626

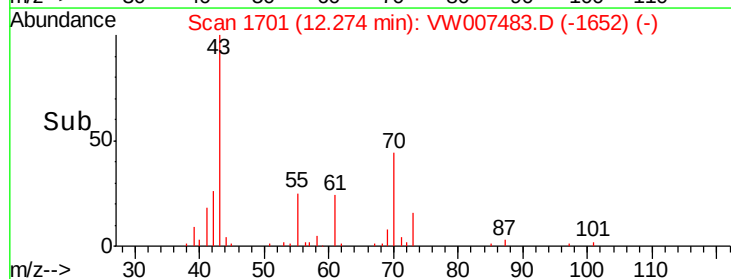
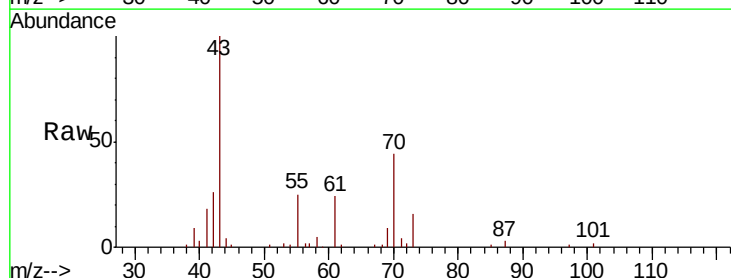
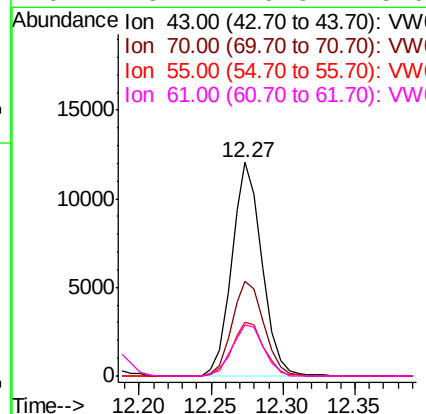
Ion Ratio Lower Upper

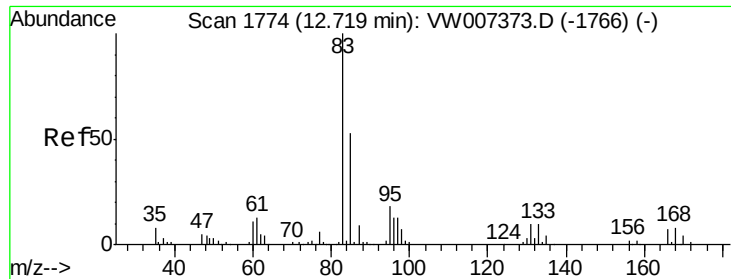
43 100

70 46.8 36.5 54.7

55 26.4 20.1 30.1

61 25.4 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 60.636 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

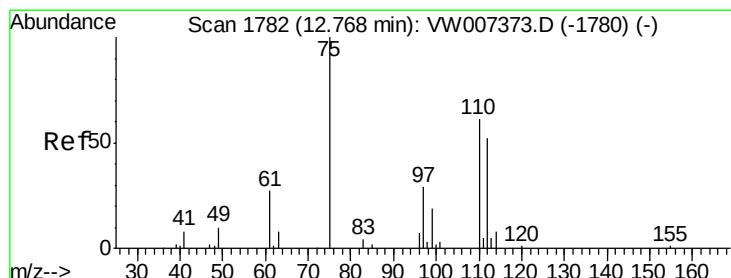
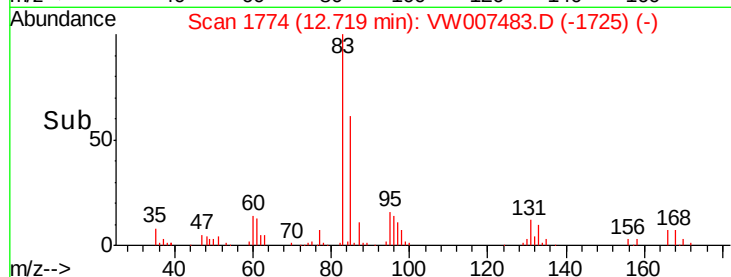
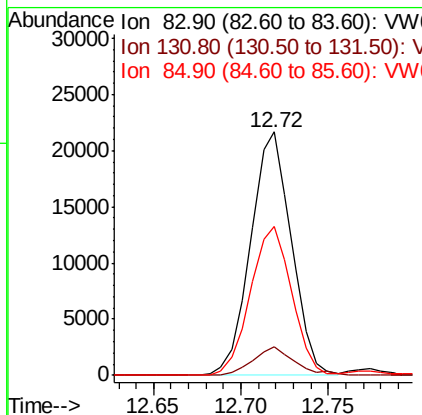
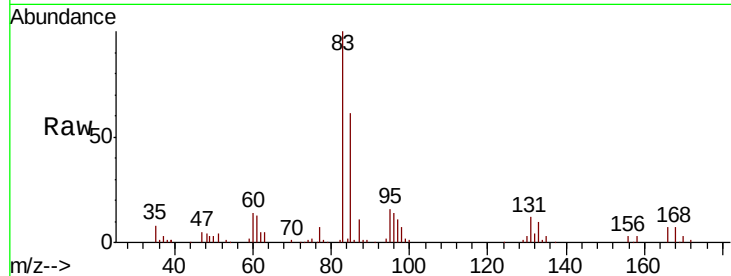
ClientSampleId :

SB-01AMSD

Tot Ion:	83	Resp:	35049
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.8
85	62.2	30.0	90.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 65.234 ug/l m

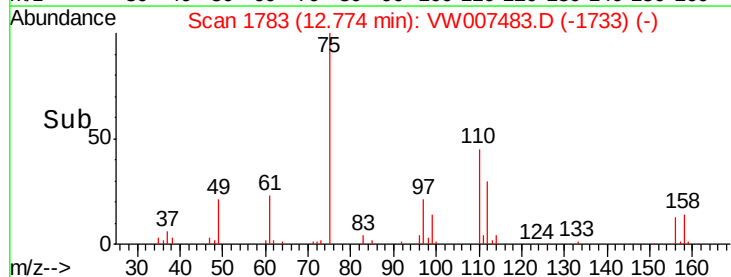
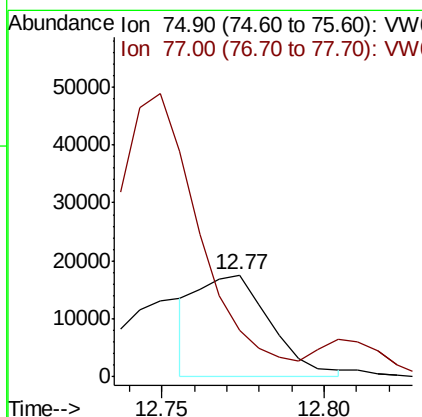
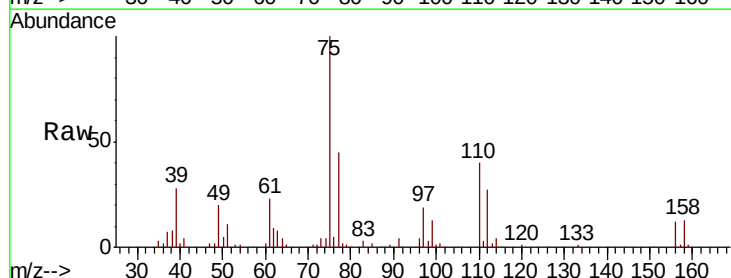
RT: 12.77 min Scan# 1783

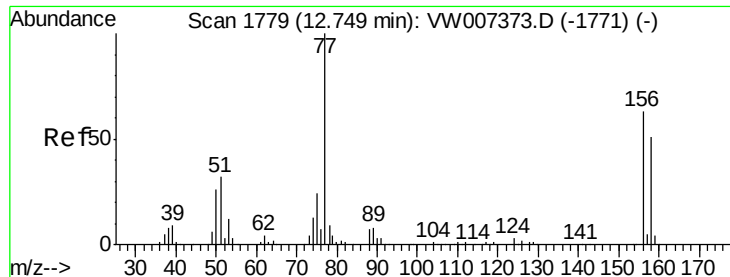
Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion:	75	Resp:	27395
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





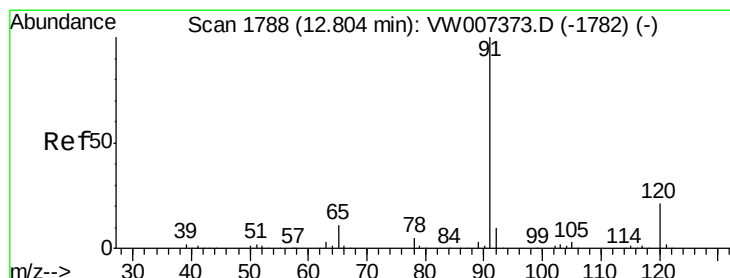
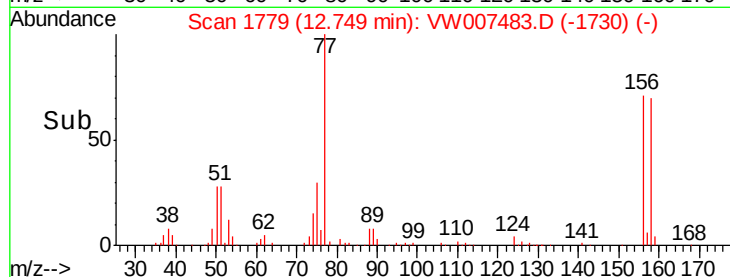
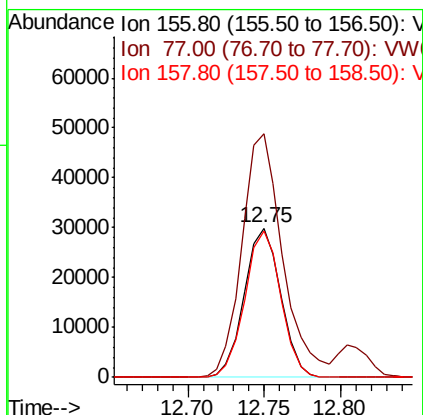
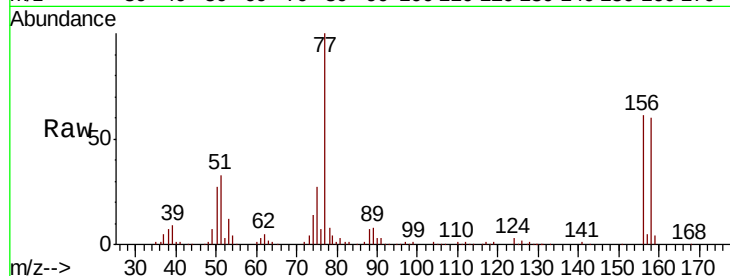
#77
Bromobenzene
Concen: 57.198 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.2	88.1	264.4
158	96.8	45.6	136.7

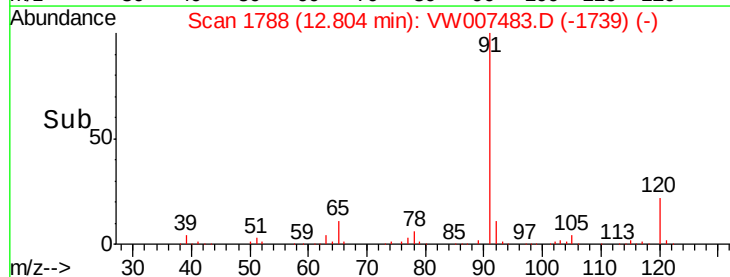
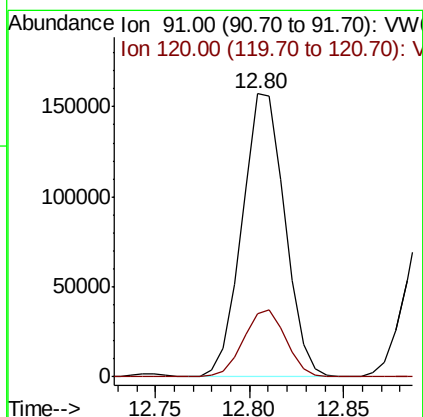
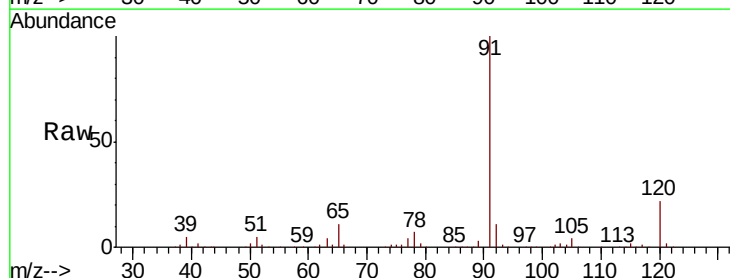
Manual Integrations
APPROVED

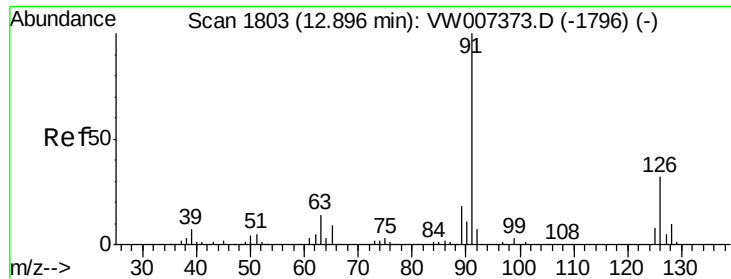
MMDadoda
12/14/2018 11:24:33 AM



#78
n-propylbenzene
Concen: 56.285 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 55.530 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

Tot Ion: 91 Resp: 147572

Ion Ratio Lower Upper

91 100

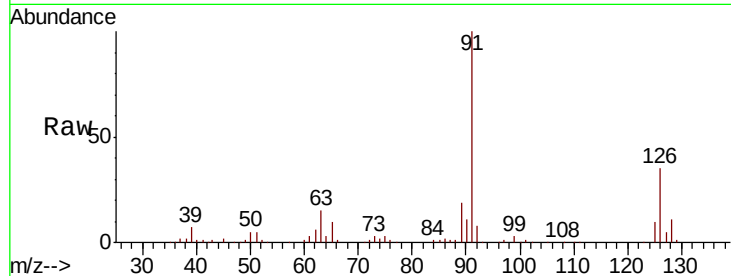
126 34.0 15.9 47.6

Manual Integrations

APPROVED

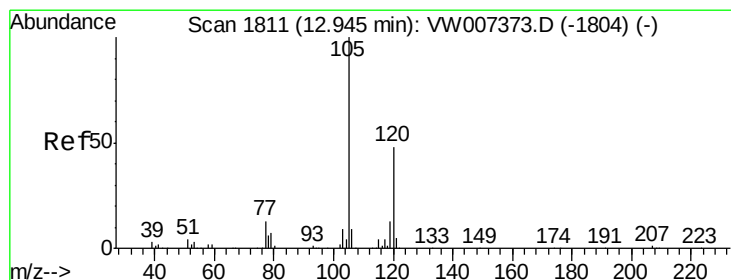
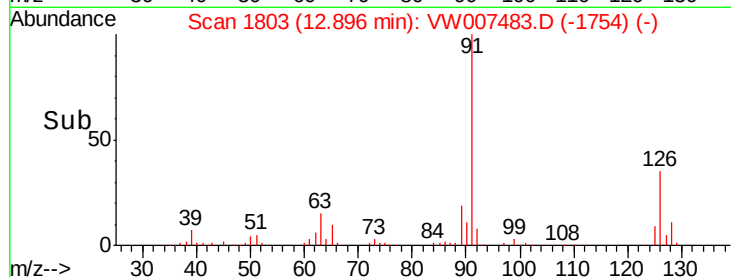
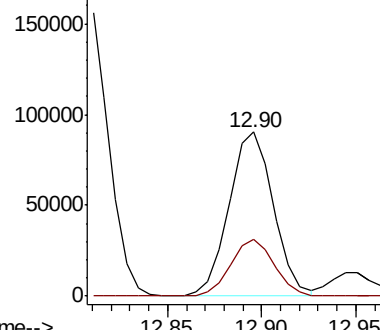
MMDadoda

12/14/2018 11:24:33 AM



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: 56.106 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007483.D

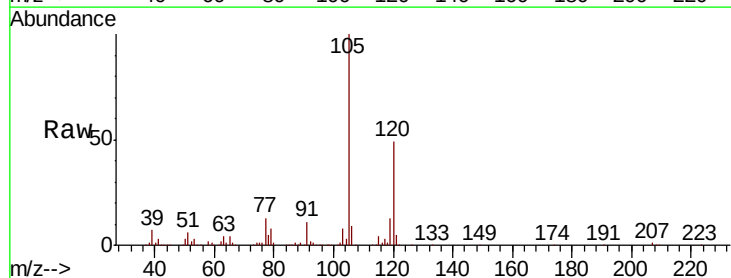
Acq: 13 Dec 2018 13:00

Tgt Ion:105 Resp: 183981

Ion Ratio Lower Upper

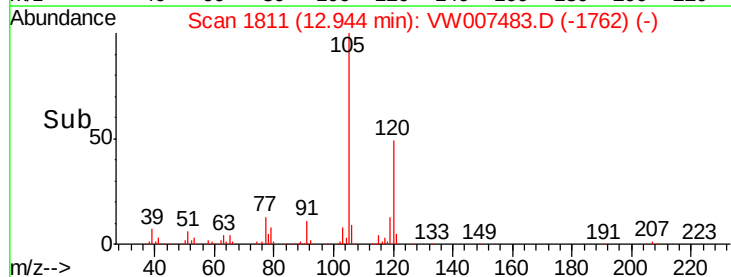
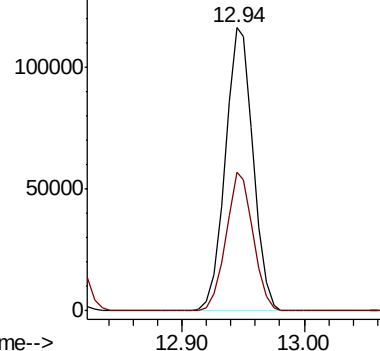
105 100

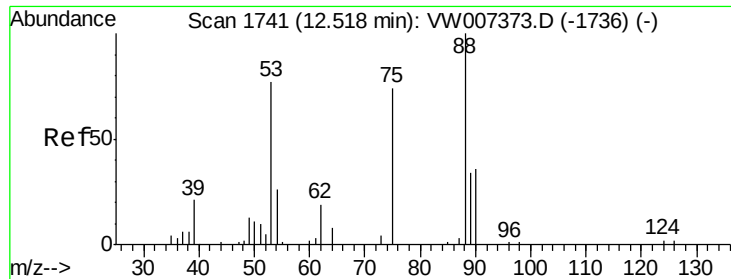
120 47.7 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





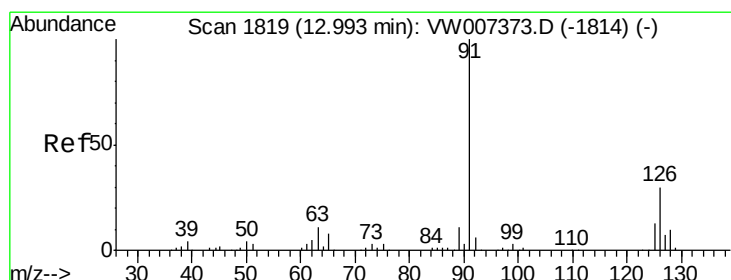
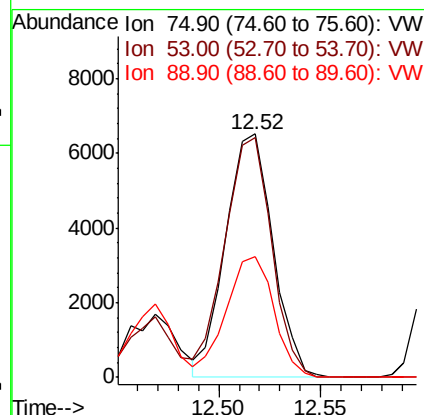
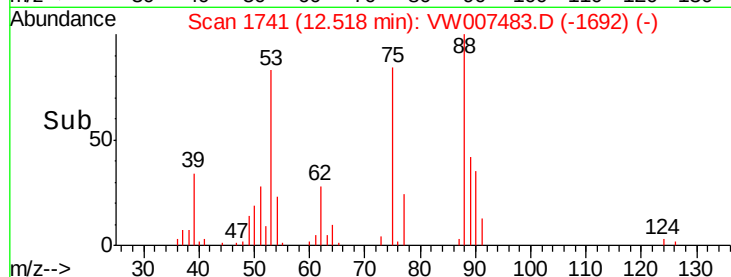
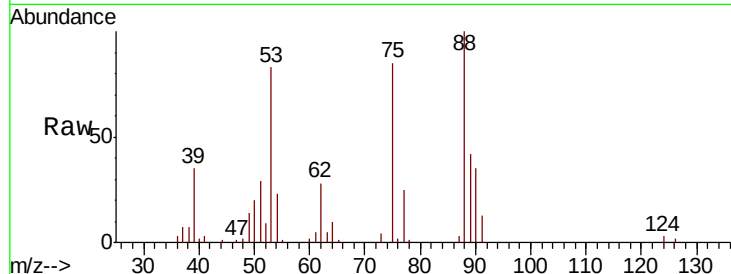
#81
trans-1,4-Dichloro-2-butene
Concen: 55.074 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	84.9	127.3
89	50.1	40.3	60.5

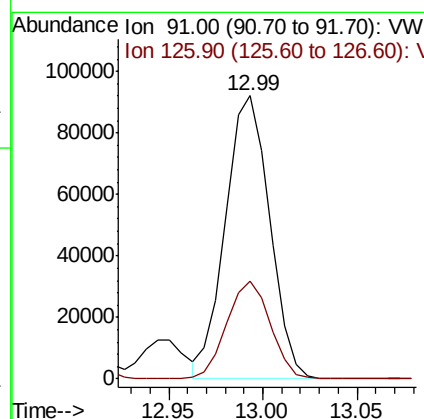
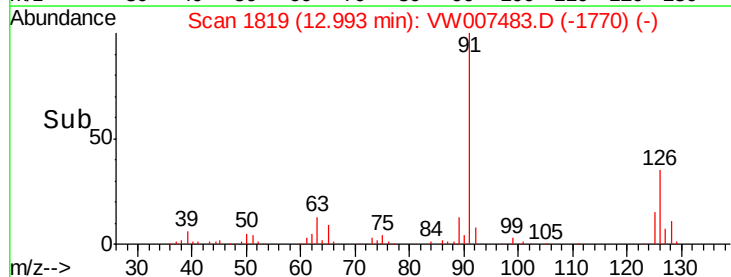
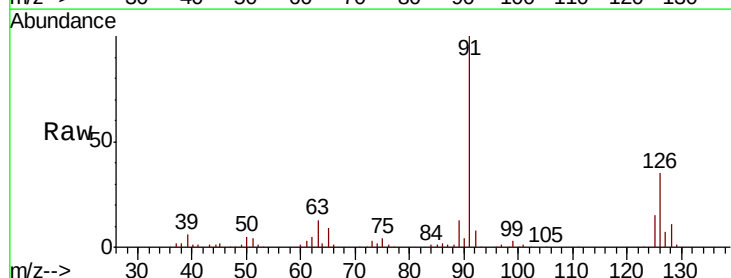
Manual Integrations
APPROVED

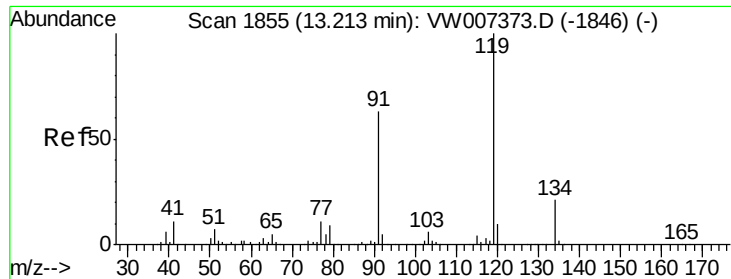
MMDadoda
12/14/2018 11:24:33 AM



#82
4-Chlorotoluene
Concen: 53.588 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.0	48.0





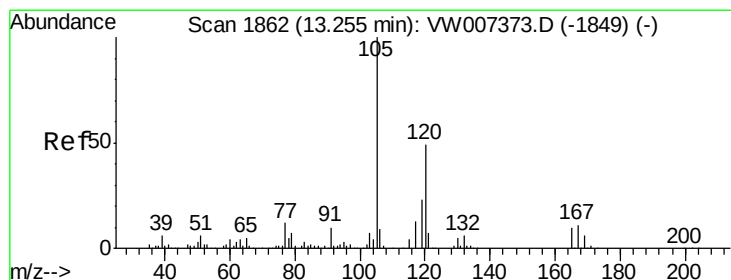
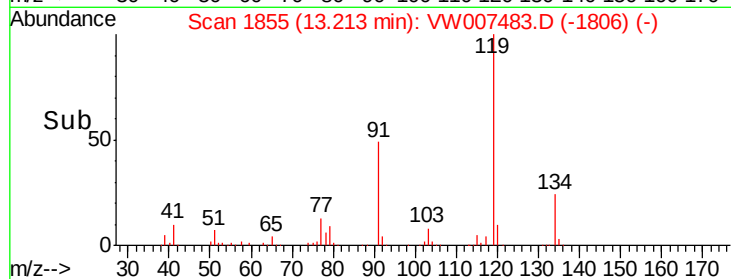
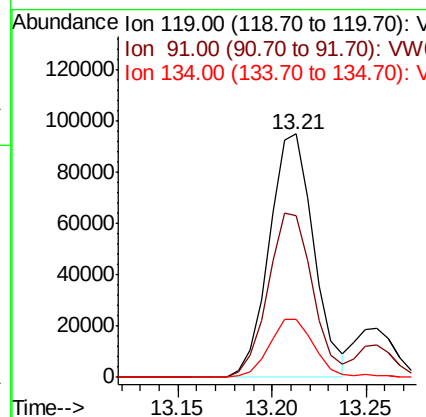
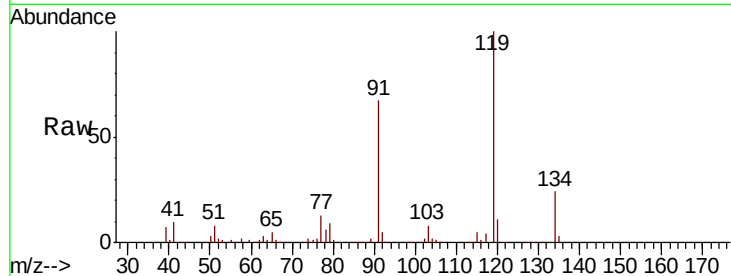
#83
 tert-Butylbenzene
 Concen: 53.971 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.1	99.2
134	24.5	12.5	37.5

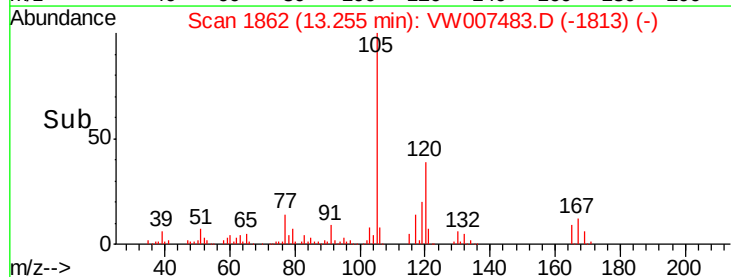
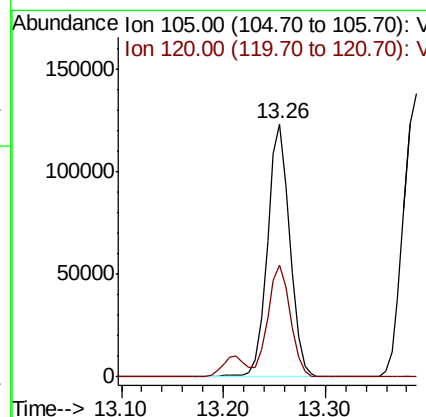
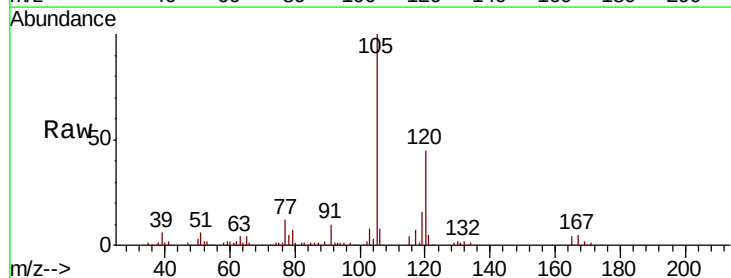
Manual Integrations
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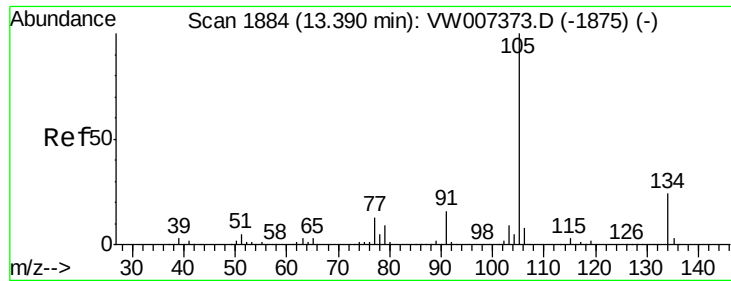
MMDadoda
 12/14/2018 11:24:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.425 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





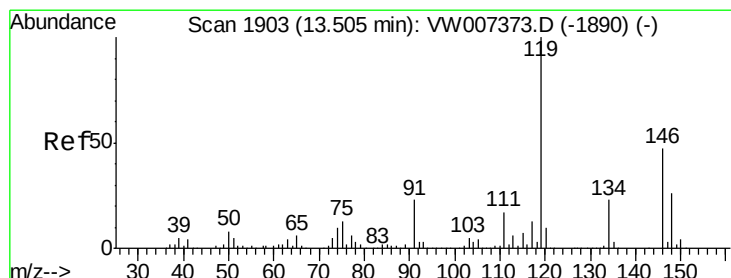
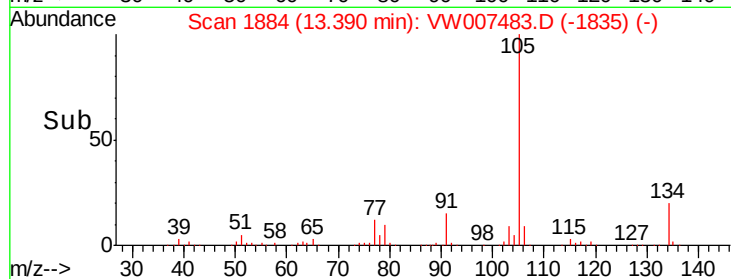
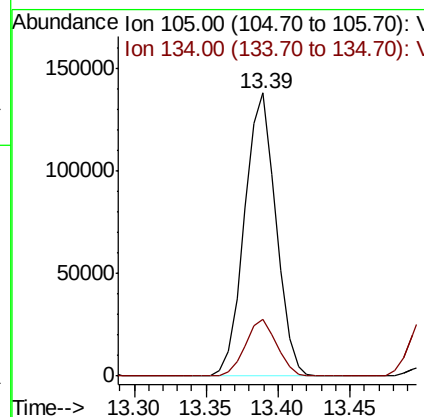
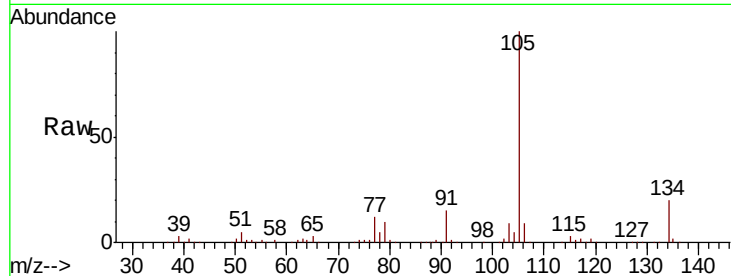
#85
 sec-Butylbenzene
 Concen: 52.976 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	11.1	33.3

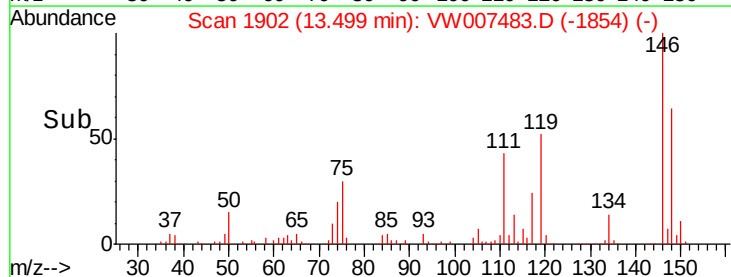
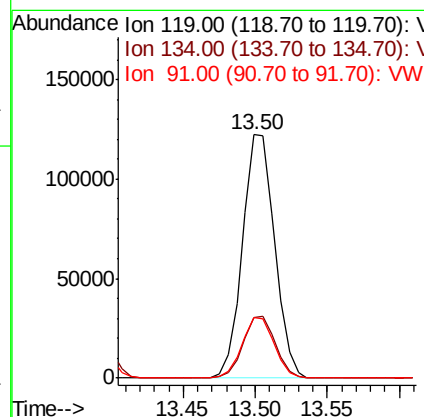
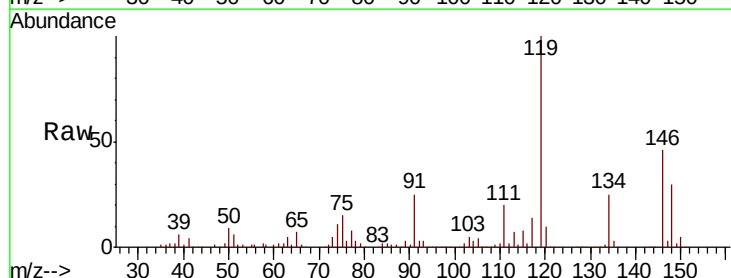
Manual Integrations
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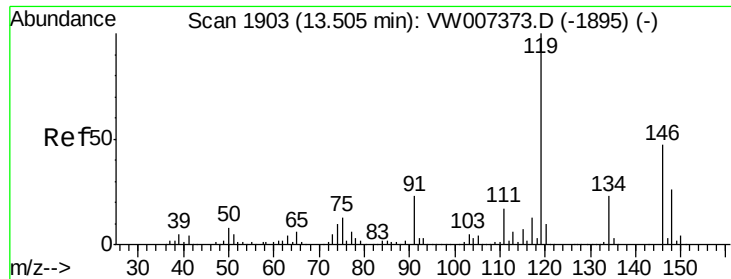
MMDadoda
 12/14/2018 11:24:33 AM



#86
 p-Isopropyltoluene
 Concen: 53.324 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.9	38.7
91	24.8	11.9	35.9





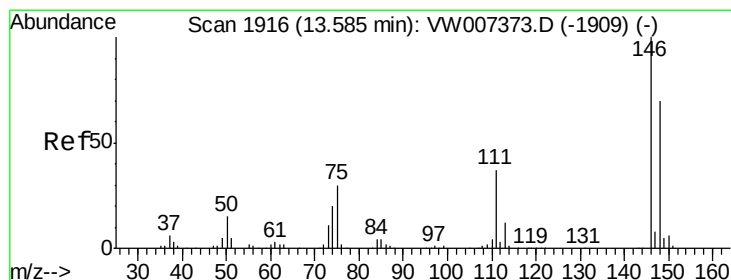
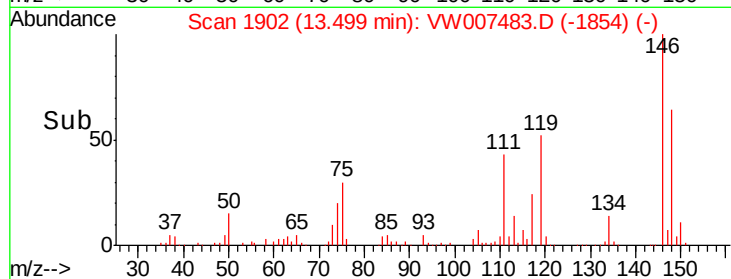
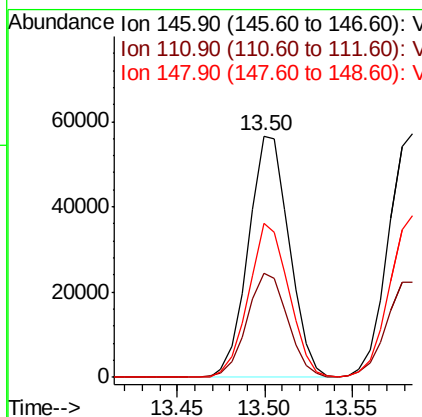
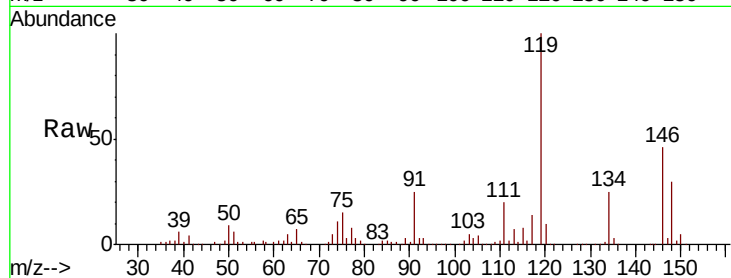
#87
 1,3-Dichlorobenzene
 Concen: 53.376 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.1	60.3
148	62.9	31.4	94.0

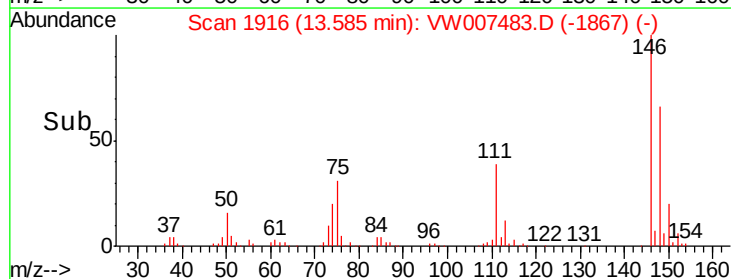
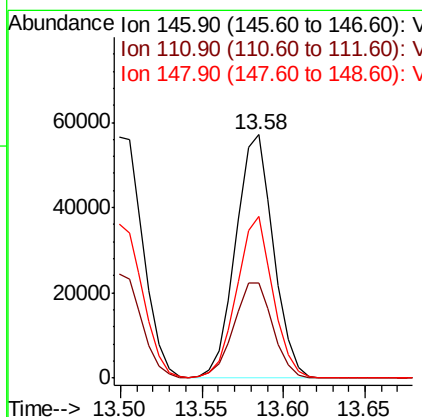
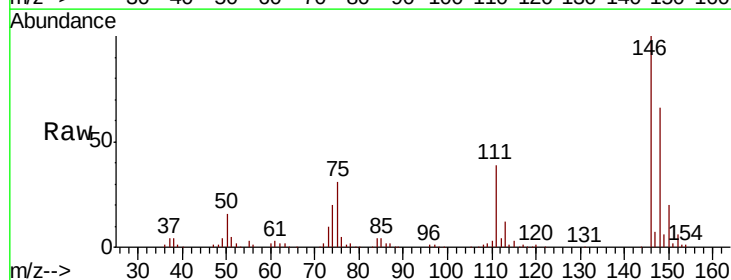
Manual Integrations
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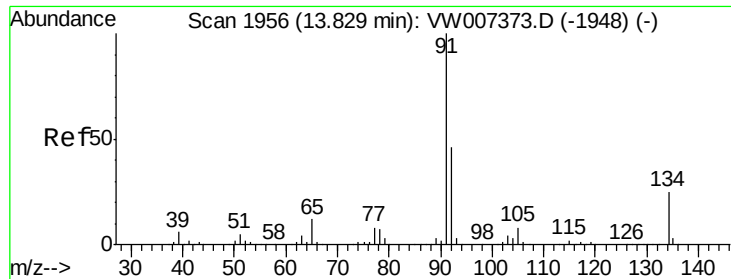
MMDadoda
 12/14/2018 11:24:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.962 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.5	33.5	100.5





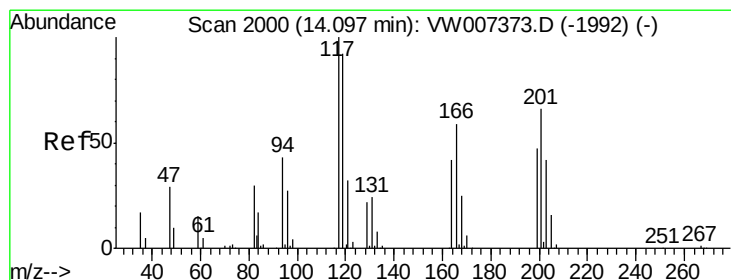
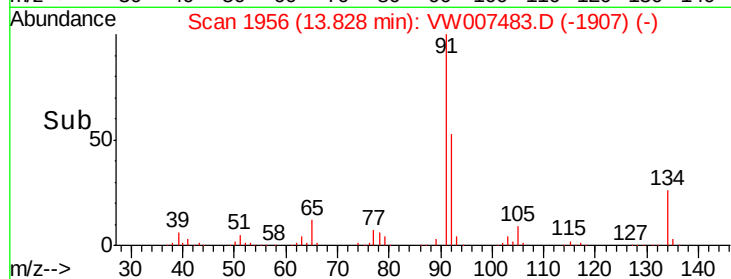
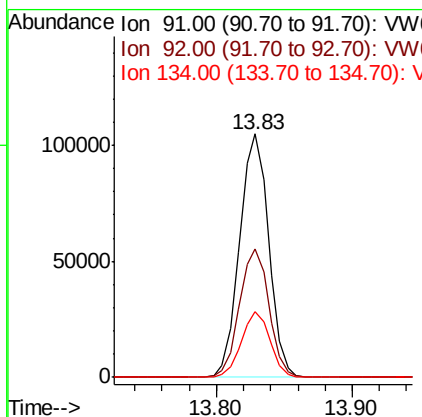
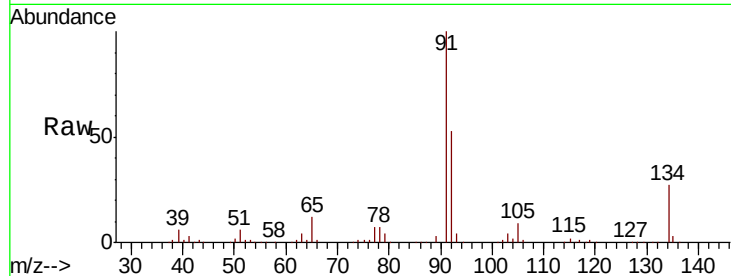
#89
n-Butylbenzene
Concen: 47.667 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.7	77.1
134	26.5	13.4	40.2

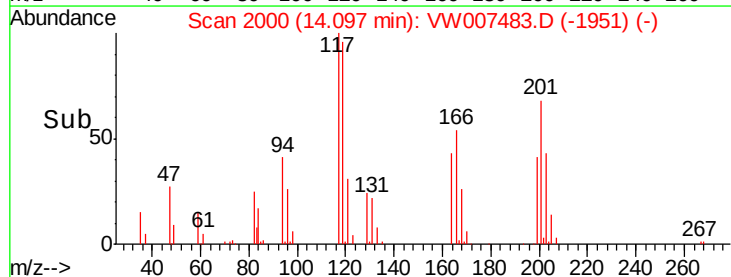
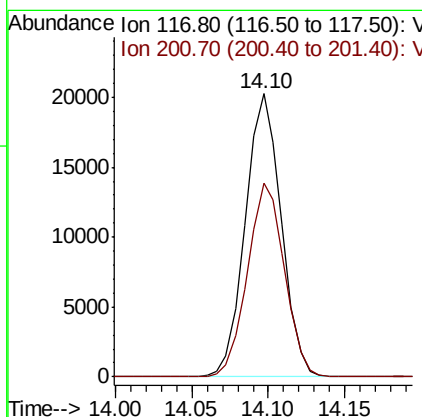
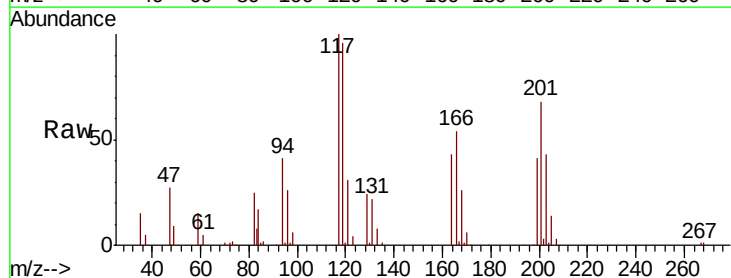
Manual Integrations
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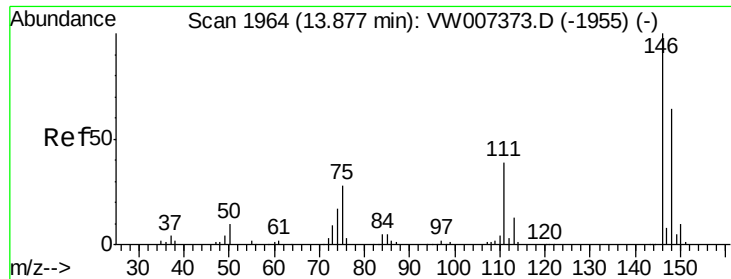
MMDadoda
12/14/2018 11:24:33 AM



#90
Hexachloroethane
Concen: 52.341 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.3	105.9





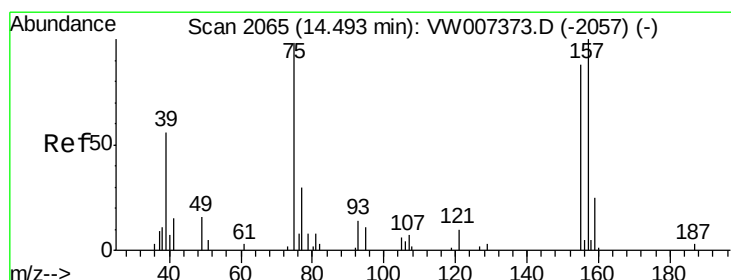
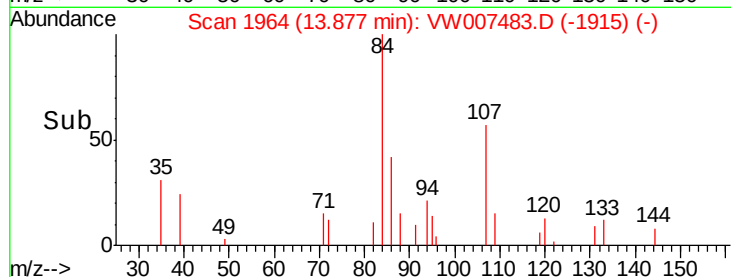
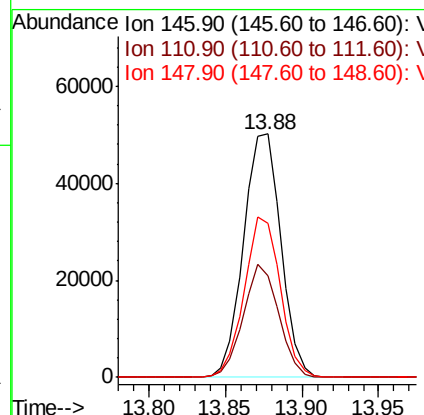
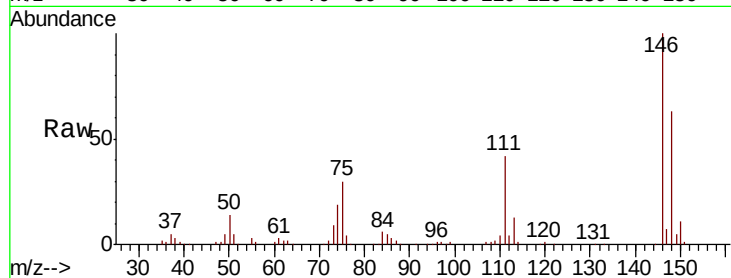
#91
 1,2-Dichlorobenzene
 Concen: 55.331 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.4	67.2
148	63.3	32.4	97.2

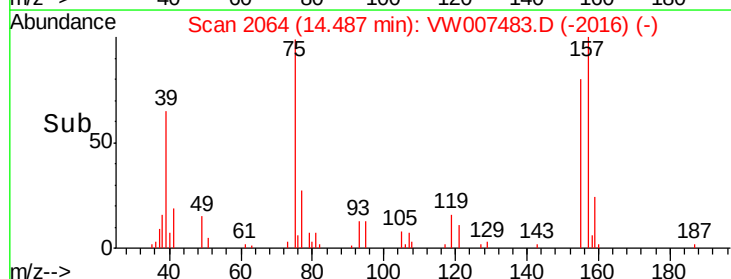
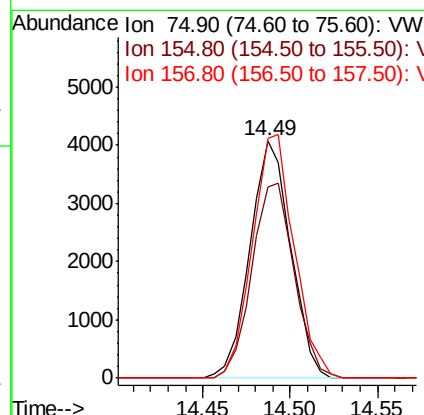
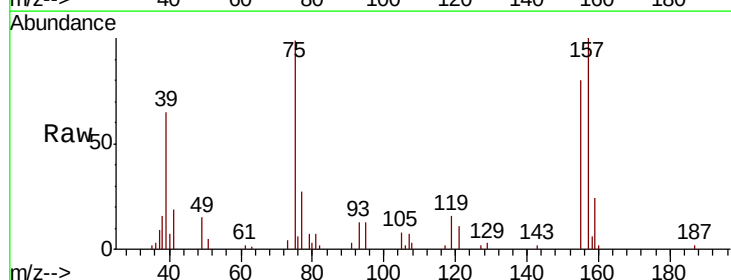
Manual Integrations
 APPROVED

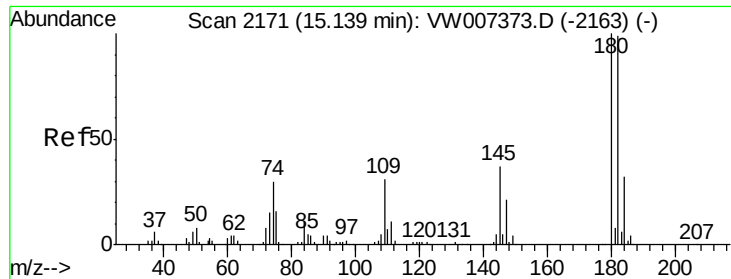
MMDadoda
 12/14/2018 11:24:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.855 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	40.8	122.2
157	105.1	51.1	153.4





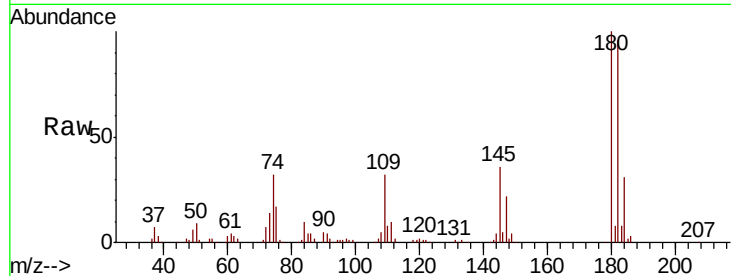
#93
 1,2,4-Trichlorobenzene
 Concen: 43.216 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	49.9	149.6
145	34.7	17.8	53.4

Manual Integrations
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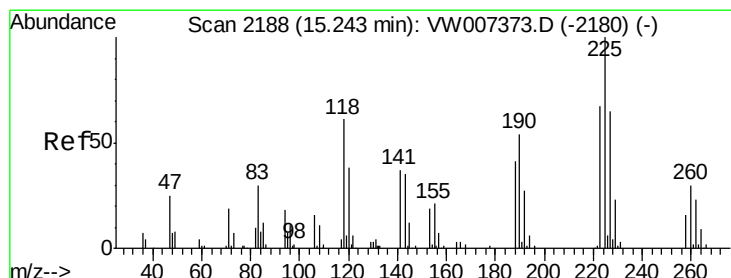
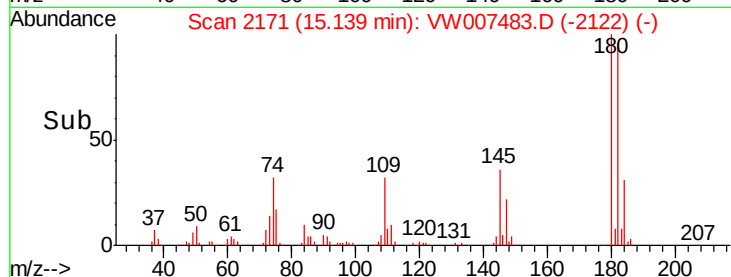
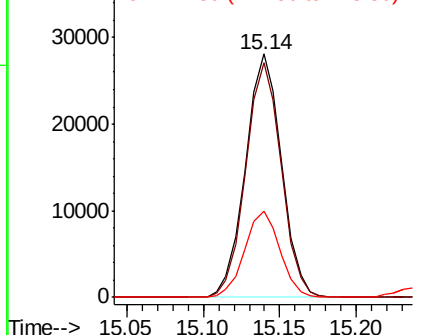


Abundance

Ion 179.80 (179.50 to 180.50): V

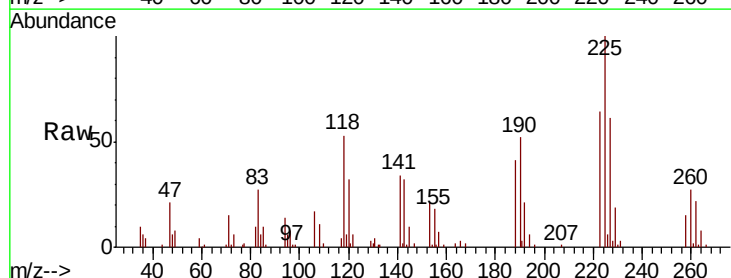
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 33.113 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.1	96.3
227	62.8	31.9	95.9

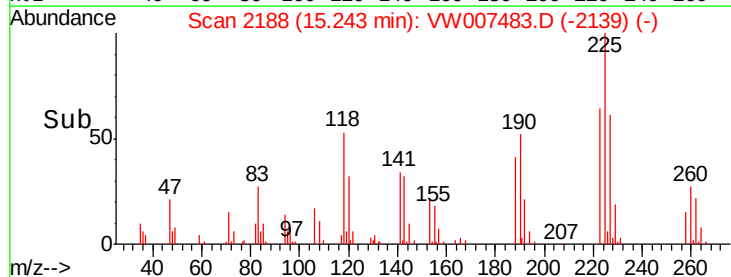
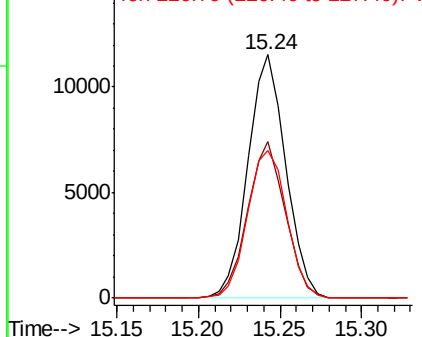


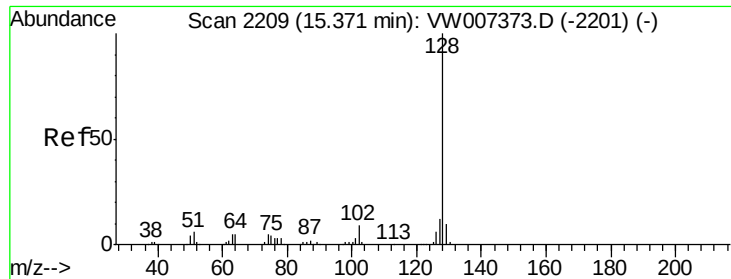
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





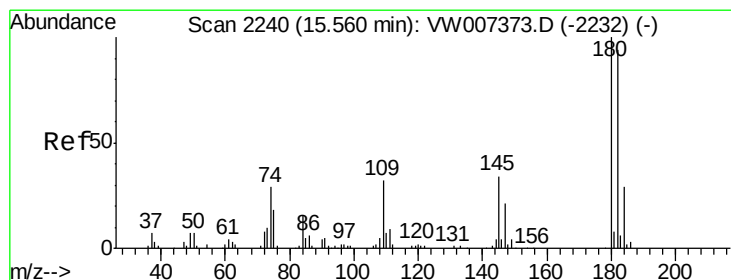
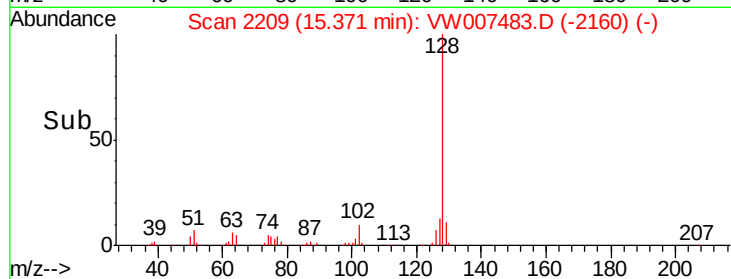
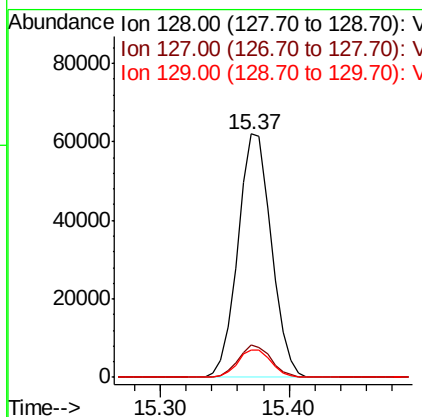
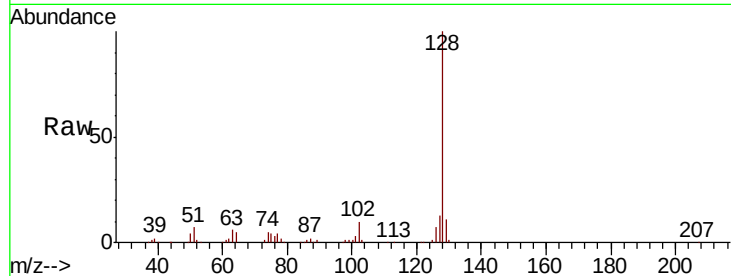
#95
Naphthalene
Concen: 54.848 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
12/14/2018 11:24:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.576 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	45.6	136.7
145	37.5	17.5	52.5

