

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007895.D
 Acq On : 24 Dec 2018 18:01
 Operator : SY/AP
 Sample : J6446-15MSD
 Misc : 3.36G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:39:15 PM

Quant Time: Dec 25 03:37:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	46134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	75648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	51840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	34108	67.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.90%	
35) Dibromofluoromethane	7.88	113	28536	61.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.66%	
50) Toluene-d8	10.32	98	90434	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	23613	35.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22479	54.810	ug/l	100
3) Chloromethane	2.21	50	21813	86.614	ug/l	98
4) Vinyl Chloride	2.37	62	25102	78.301	ug/l	97
5) Bromomethane	2.78	94	15710	70.357	ug/l	99
6) Chloroethane	2.93	64	13745	80.141	ug/l	97
7) Trichlorofluoromethane	3.26	101	17419	52.190	ug/l	98
8) Diethyl Ether	3.68	74	15514	75.889	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22977	46.744	ug/l	100
10) Methyl Iodide	4.26	142	40825	52.226	ug/l	98
11) Tert butyl alcohol	5.17	59	11732	343.946	ug/l	98
12) 1,1-Dichloroethene	4.03	96	25743	56.557	ug/l	95
13) Acrolein	3.89	56	3276	120.119	ug/l	98
14) Allyl chloride	4.67	41	41700	69.862	ug/l	91
15) Acrylonitrile	5.37	53	31531	361.582	ug/l	99
16) Acetone	4.12	43	24451	258.228	ug/l	97
17) Carbon Disulfide	4.38	76	69884	49.615	ug/l	100
18) Methyl Acetate	4.67	43	49828	221.273	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	51547	78.884	ug/l	92
20) Methylene Chloride	4.91	84	27975	60.388	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	28404	56.740	ug/l	96
22) Diisopropyl ether	6.31	45	84945	76.003	ug/l	99
23) Vinyl Acetate	6.26	43	44450	66.939	ug/l	96
24) 1,1-Dichloroethane	6.21	63	50804	61.789	ug/l	98
25) 2-Butanone	7.17	43	38274	345.100	ug/l	97
26) 2,2-Dichloropropane	7.17	77	34009	56.525	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	30643	57.455	ug/l	98
28) Bromochloromethane	7.51	49	20308	72.441	ug/l	89
29) Tetrahydrofuran	7.53	42	26249	396.785	ug/l	95
30) Chloroform	7.68	83	52335	56.244	ug/l	98
31) Cyclohexane	7.96	56	30318	40.278	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	43554	51.394	ug/l	99
36) 1,1-Dichloropropene	8.08	75	34107	46.713	ug/l	98
37) Ethyl Acetate	7.25	43	11604	46.051	ug/l	99
38) Carbon Tetrachloride	8.07	117	37303	43.382	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	25127	27.695	ug/l	100
40) Benzene	8.32	78	105599	54.199	ug/l	97
41) Methacrylonitrile	7.48	41	9923	69.361	ug/l	93
42) 1,2-Dichloroethane	8.40	62	37927	58.087	ug/l	98
43) Isopropyl Acetate	8.43	43	27015	53.513	ug/l	98
44) Trichloroethene	9.09	130	26361	44.739	ug/l	100
45) 1,2-Dichloropropane	9.37	63	25719	59.490	ug/l	98
46) Dibromomethane	9.46	93	15006	56.387	ug/l	96
47) Bromodichloromethane	9.65	83	35673	50.989	ug/l	97
48) Methyl methacrylate	9.44	41	22045	87.484	ug/l	92
49) 1,4-Dioxane	9.45	88	5231	1239.776	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	85925	360.148	ug/l	96
52) Toluene	10.39	92	59679	45.653	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	35723	51.334	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	40527	52.724	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	20185	55.018	ug/l	94
56) Ethyl methacrylate	10.65	69	16784	38.720	ug/l	96
57) 1,3-Dichloropropane	10.93	76	33722	55.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	63897	322.859	ug/l	97
59) 2-Hexanone	10.97	43	55385	330.089	ug/l	100
60) Dibromochloromethane	11.13	129	21760	44.795	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19473	52.414	ug/l	99
64) Tetrachloroethene	10.86	164	15938	43.417	ug/l	95
65) Chlorobenzene	11.66	112	54404	48.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22226	55.437	ug/l	96
67) Ethyl Benzene	11.73	91	94966	49.322	ug/l	96
68) m/p-Xylenes	11.84	106	69999	93.720	ug/l	98
69) o-Xylene	12.17	106	34464	49.226	ug/l	99
70) Styrene	12.18	104	51701	44.924	ug/l	99
71) Bromoform	12.35	173	10516	50.527	ug/l #	99
73) Isopropylbenzene	12.47	105	81124	70.233	ug/l	99
74) N-amyl acetate	12.27	43	11264	56.299	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	18009	103.987	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	17816m	150.845	ug/l	
77) Bromobenzene	12.75	156	18026	68.096	ug/l	85
78) n-propylbenzene	12.80	91	79656	59.242	ug/l	100
79) 2-Chlorotoluene	12.90	91	47371	60.478	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	60626	60.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6106	108.519	ug/l	96
82) 4-Chlorotoluene	12.99	91	49579	59.446	ug/l	98
83) tert-Butylbenzene	13.21	119	53334	61.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	60185	59.864	ug/l	99
85) sec-Butylbenzene	13.39	105	58960	48.937	ug/l	99
86) p-Isopropyltoluene	13.50	119	52150	47.601	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	24971	47.511	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	26259	49.947	ug/l	100
89) n-Butylbenzene	13.83	91	37170	37.004	ug/l	99
90) Hexachloroethane	14.10	117	8526	44.329	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	22618	48.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3324	93.460	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	8051	24.647	ug/l	94
94) Hexachlorobutadiene	15.24	225	3852	22.066	ug/l	97
95) Naphthalene	15.37	128	23687	39.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	6710	23.997	ug/l	99

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

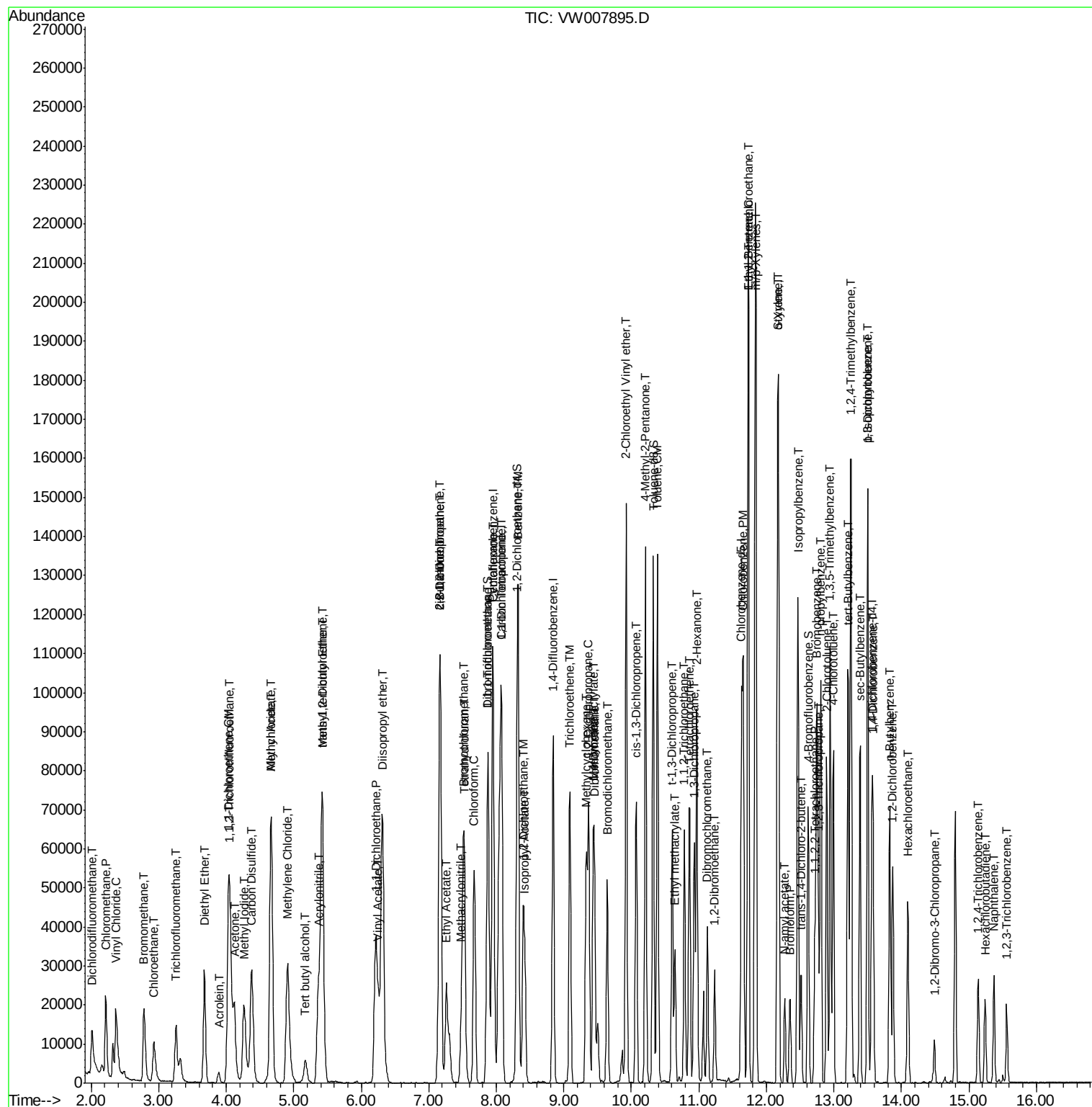
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
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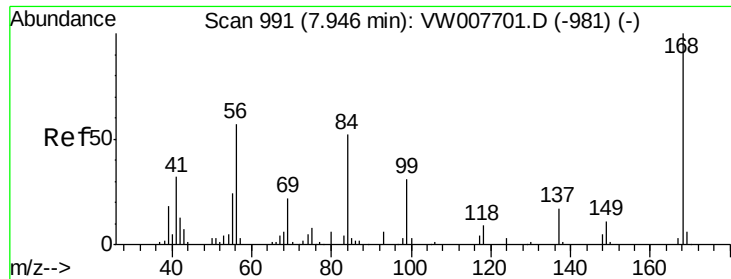
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MSVOA_W
ClientSampleId :
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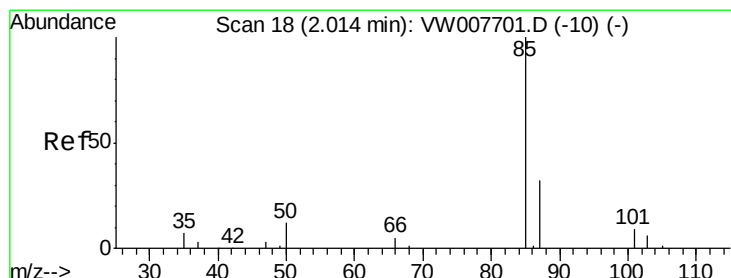
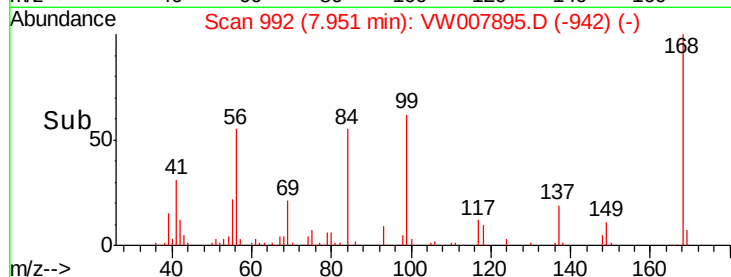
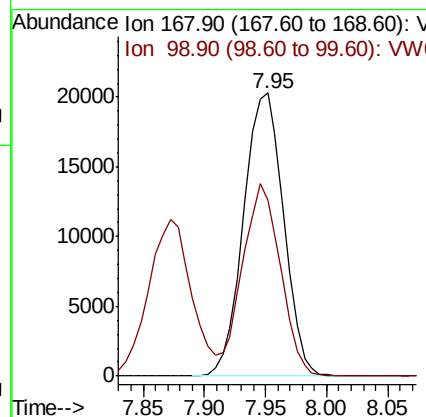
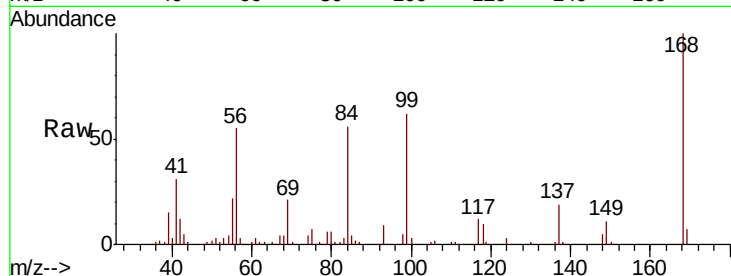
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

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ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion:168 Resp: 46134
Ion Ratio Lower Upper
168 100
99 62.1 54.0 81.0

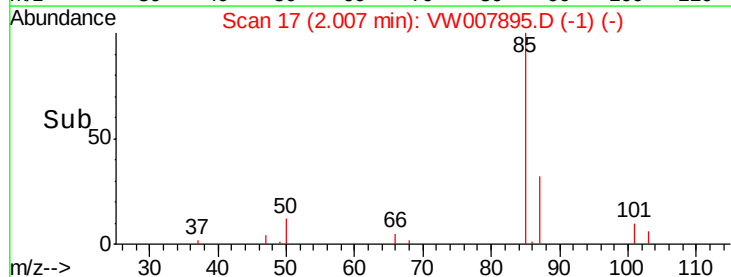
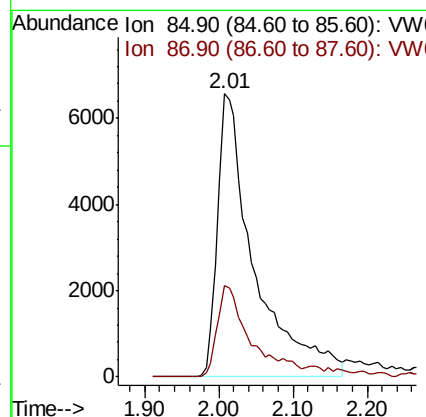
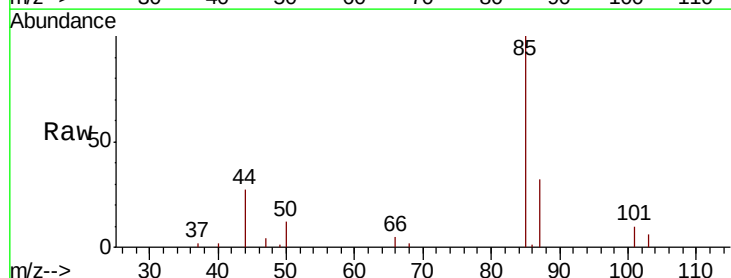
Manual Integrations
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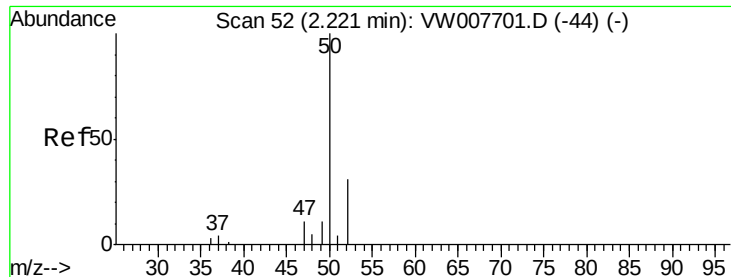
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#2
Dichlorodifluoromethane
Concen: 54.810 ug/l
RT: 2.01 min Scan# 17
Delta R.T. -0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 85 Resp: 22479
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.8





#3

Chloromethane

Concen: 86.614 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 50 Resp: 21813

Ion Ratio Lower Upper

50 100

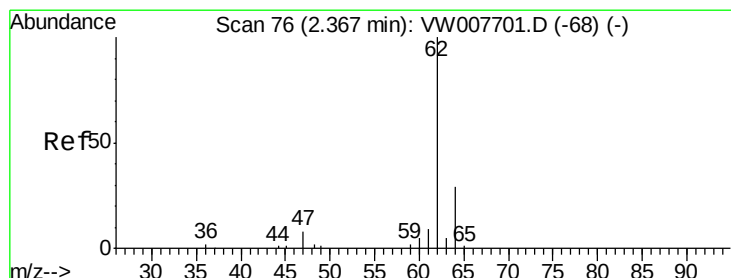
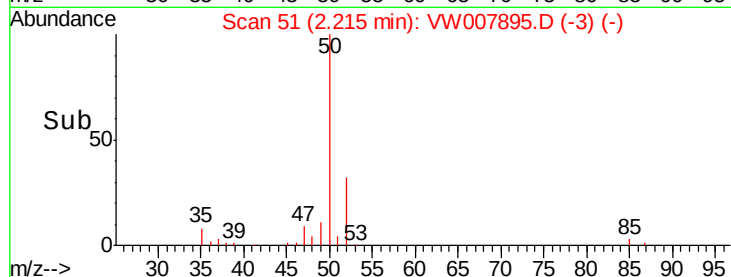
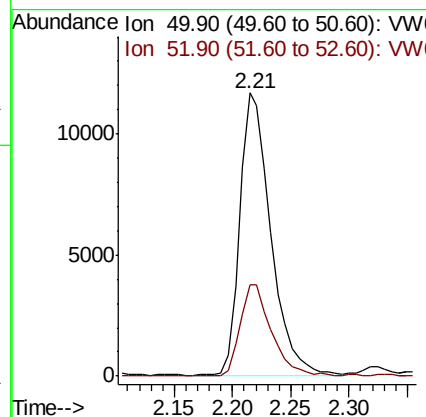
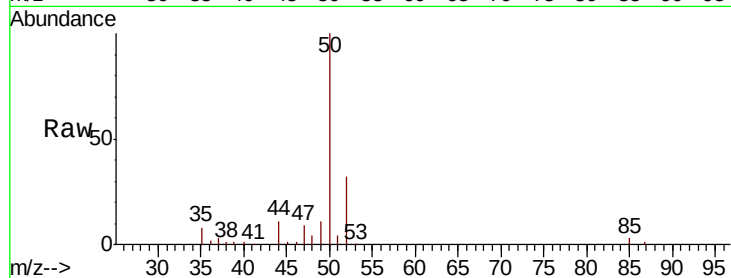
52 32.5 25.1 37.7

Manual Integrations

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12/26/2018 4:39:15 PM



#4

Vinyl Chloride

Concen: 78.301 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007895.D

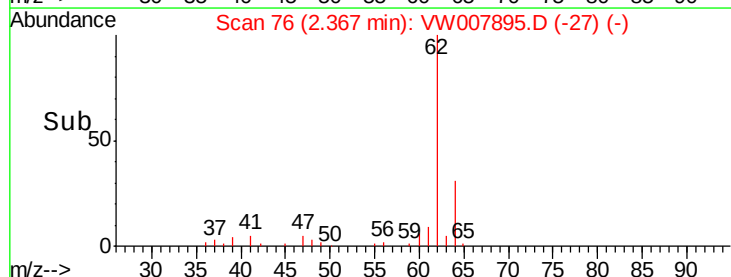
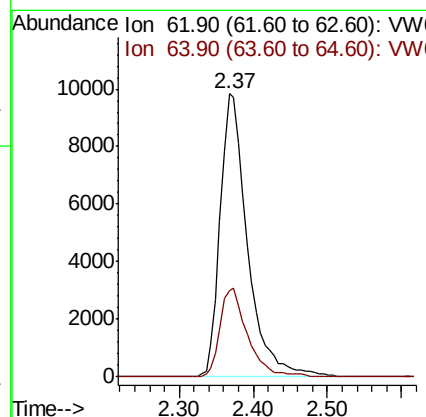
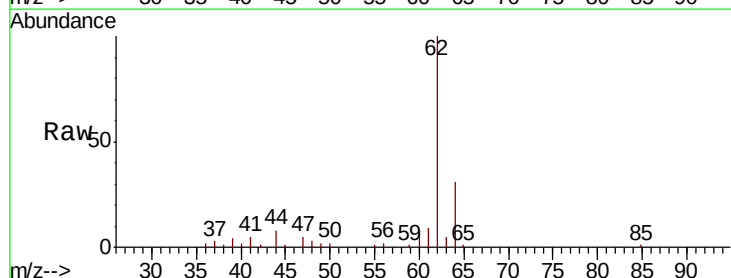
Acq: 24 Dec 2018 18:01

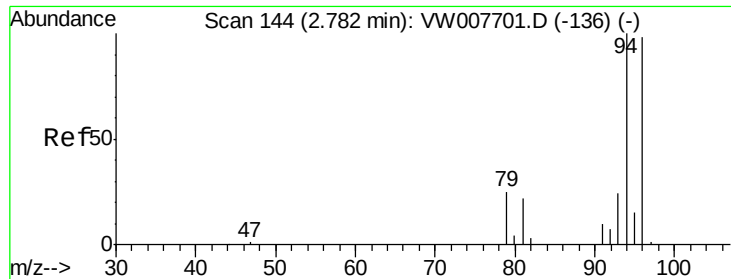
Tgt Ion: 62 Resp: 25102

Ion Ratio Lower Upper

62 100

64 30.6 23.4 35.0





#5

Bromomethane

Concen: 70.357 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

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Tot Ion: 94 Resp: 15710

Ion Ratio Lower Upper

94 100

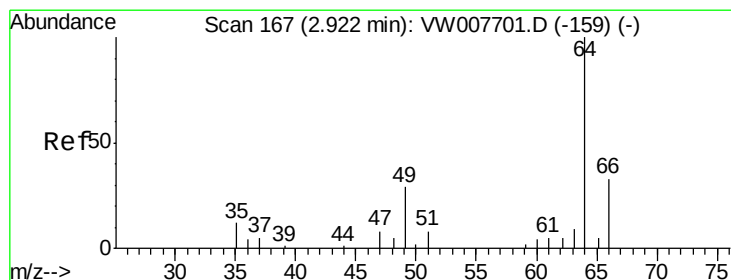
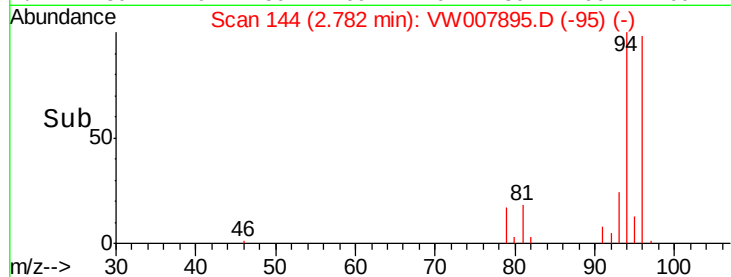
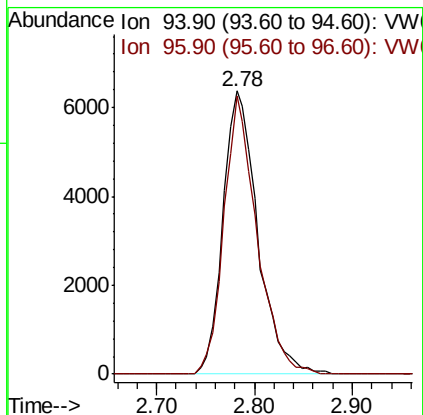
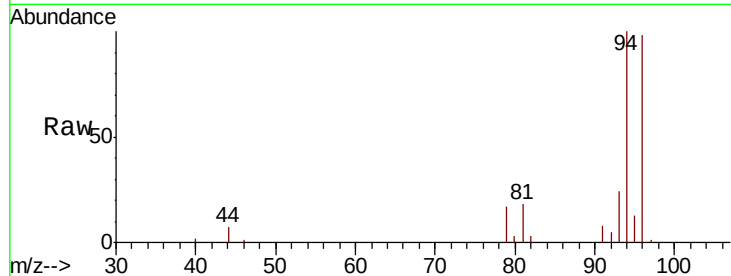
96 98.4 78.2 117.2

Manual Integrations

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12/26/2018 4:39:15 PM



#6

Chloroethane

Concen: 80.141 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007895.D

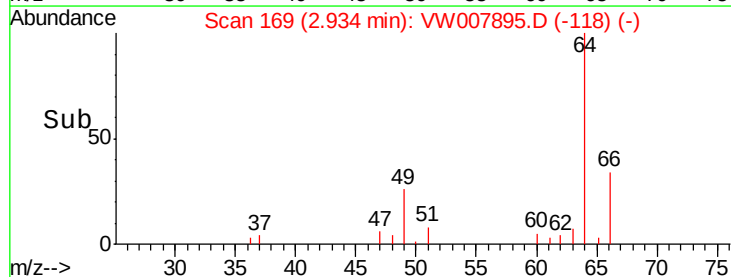
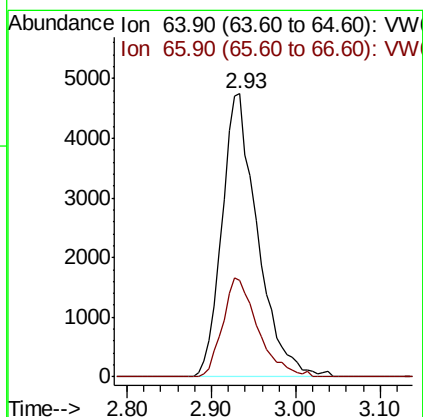
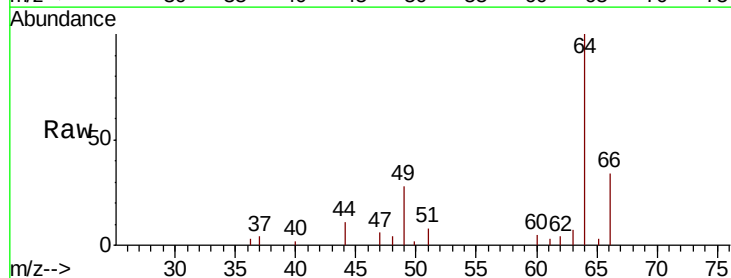
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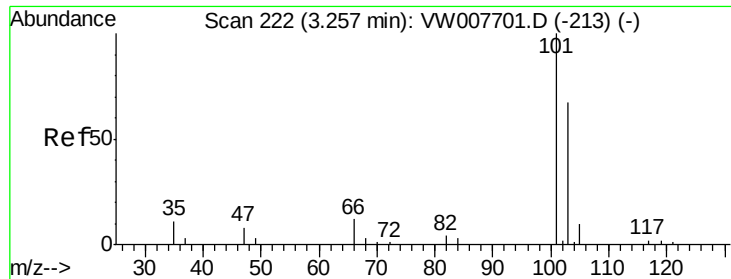
Tgt Ion: 64 Resp: 13745

Ion Ratio Lower Upper

64 100

66 34.2 26.2 39.4





#7

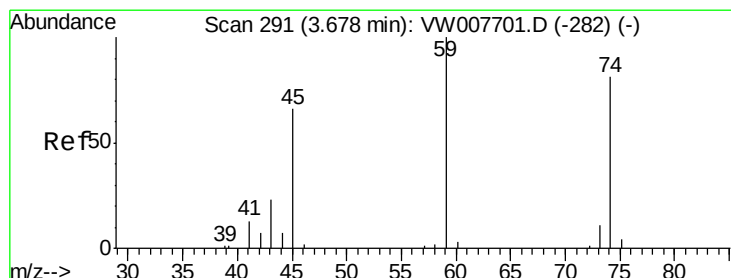
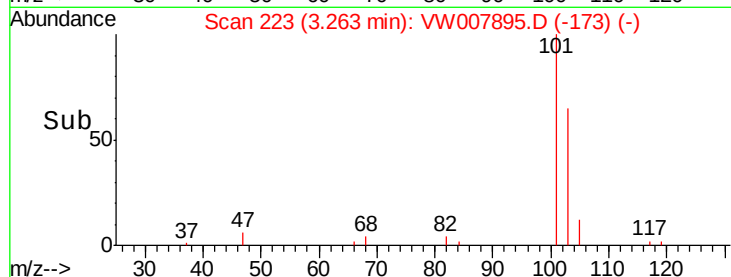
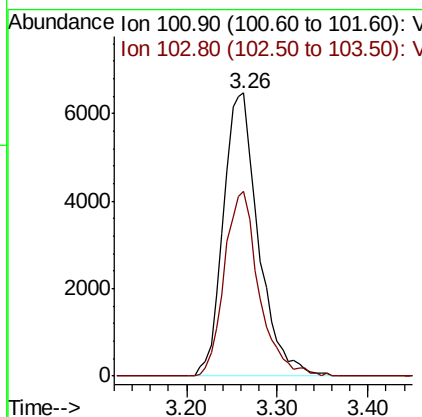
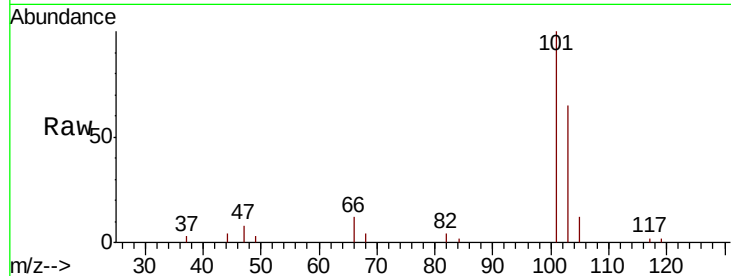
Trichlorofluoromethane
Concen: 52.190 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
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Tot Ion: 101 Resp: 17419
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.2

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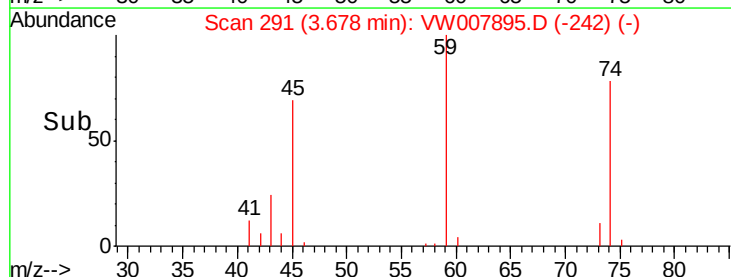
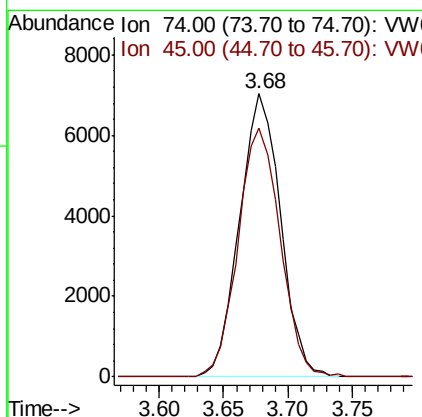
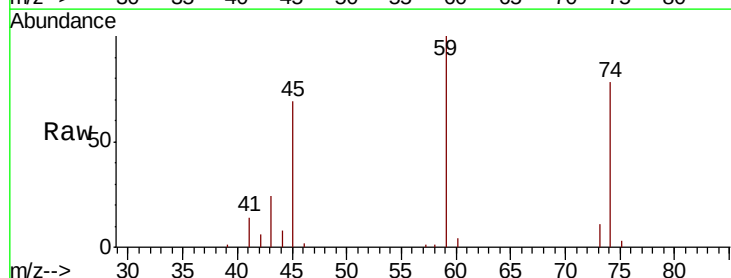
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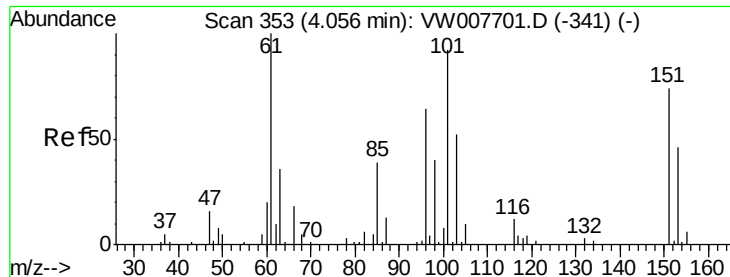


#8

Diethyl Ether
Concen: 75.889 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 74 Resp: 15514
Ion Ratio Lower Upper
74 100
45 90.4 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.744 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

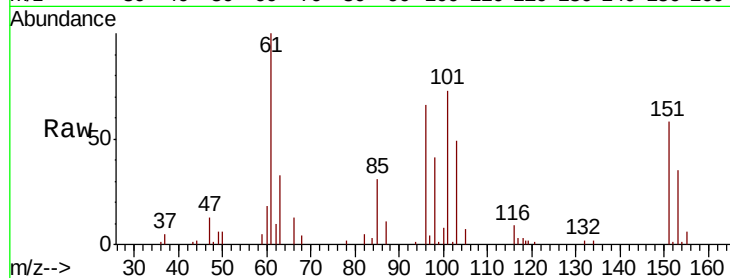
ClientSampleId :

P001-SS022-0612-01MSD

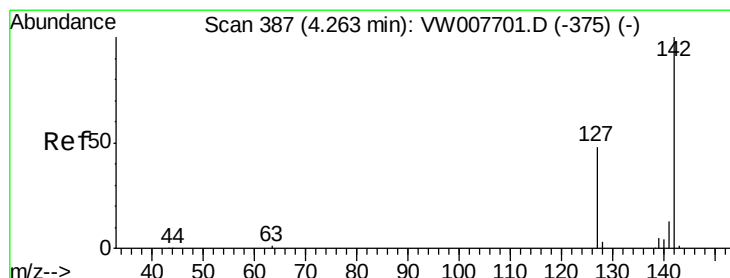
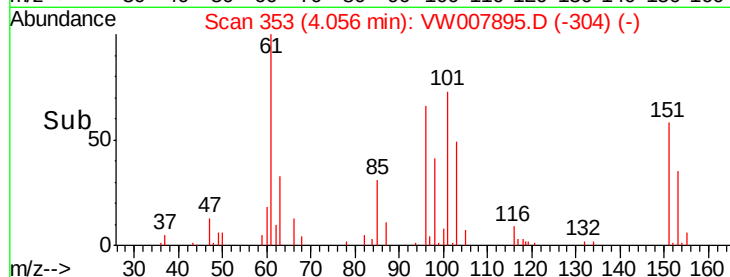
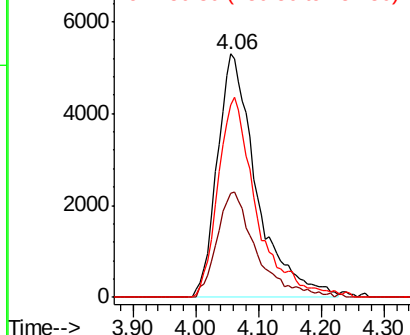
Tot Ion:	101	Resp:	22977
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.3	51.5
151	80.7	64.6	96.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.226 ug/l

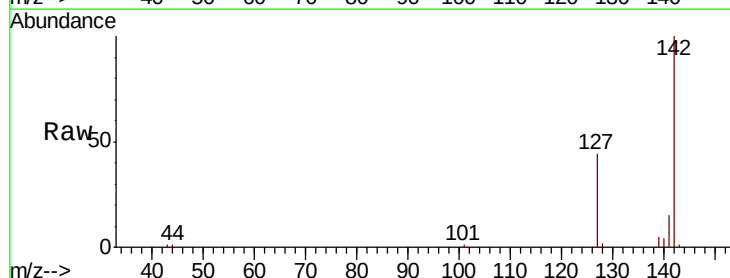
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

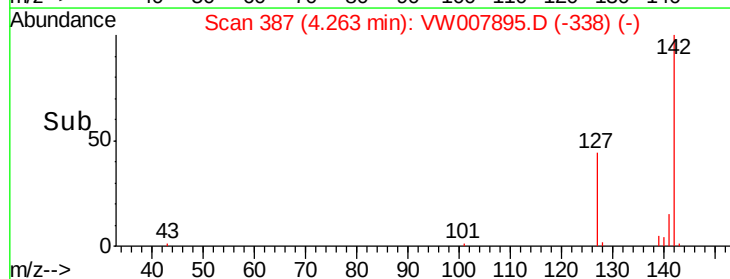
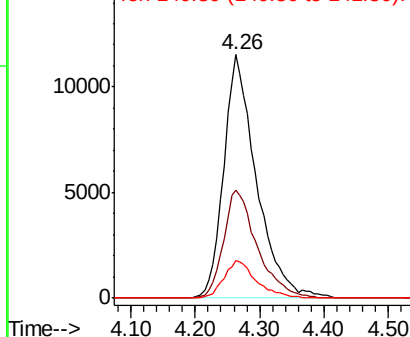
Lab File: VW007895.D

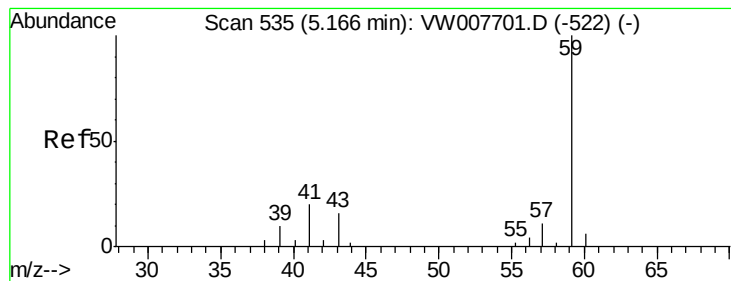
Acq: 24 Dec 2018 18:01

Tgt Ion:	142	Resp:	40825
Ion Ratio	Lower	Upper	
142	100		
127	45.7	37.7	56.5
141	15.1	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

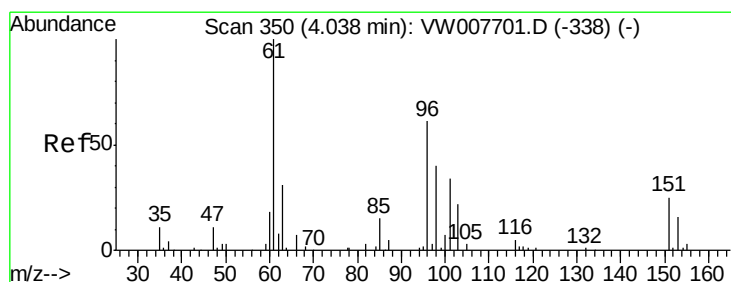
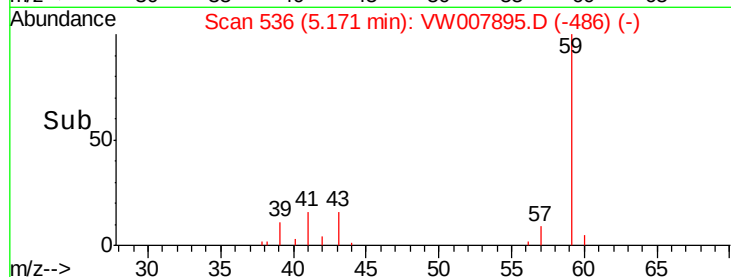
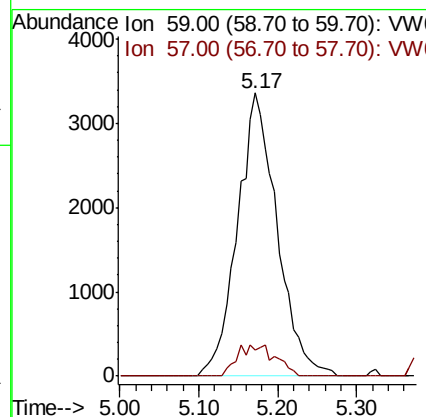
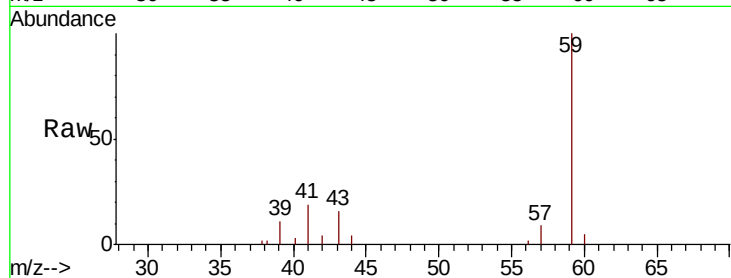
Tert butyl alcohol
 Concen: 343.946 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.8

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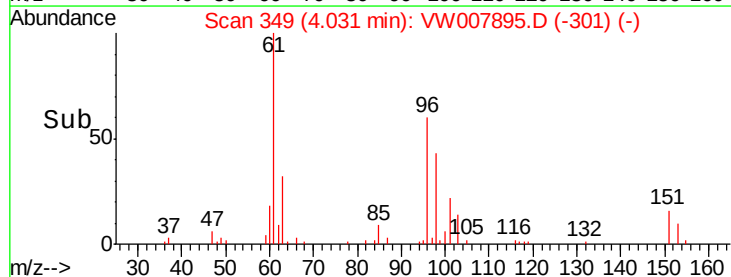
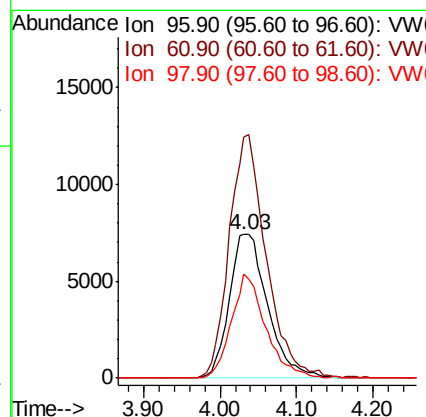
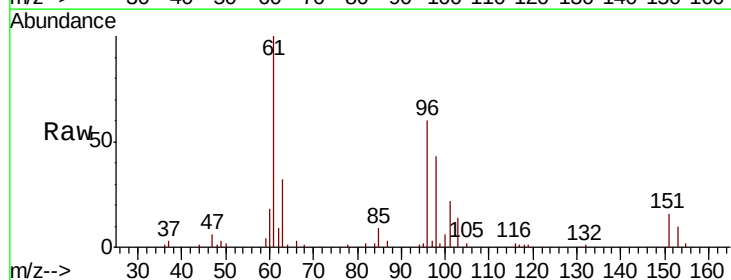
MMDadoda
 12/26/2018 4:39:15 PM

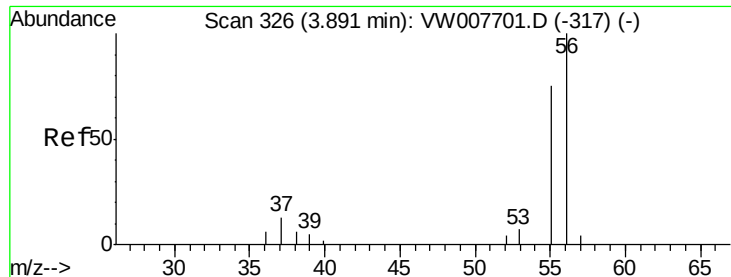


#12

1,1-Dichloroethene
 Concen: 56.557 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	130.6	195.8
98	72.6	52.3	78.5





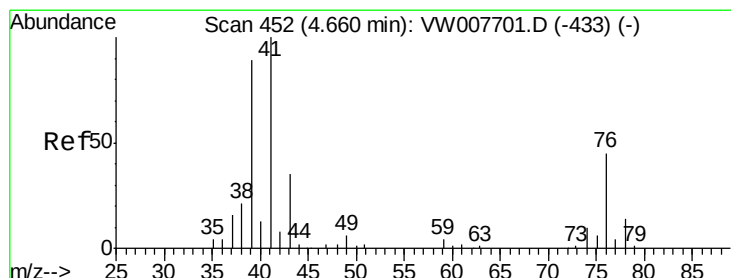
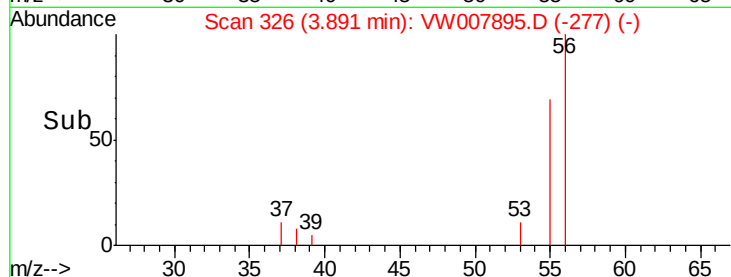
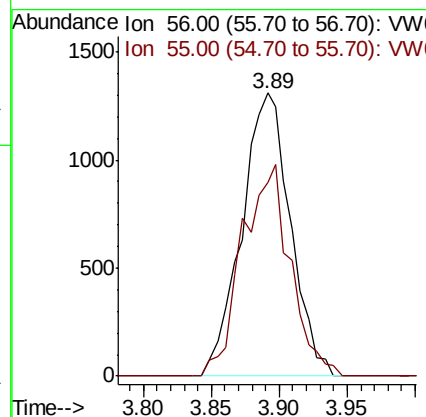
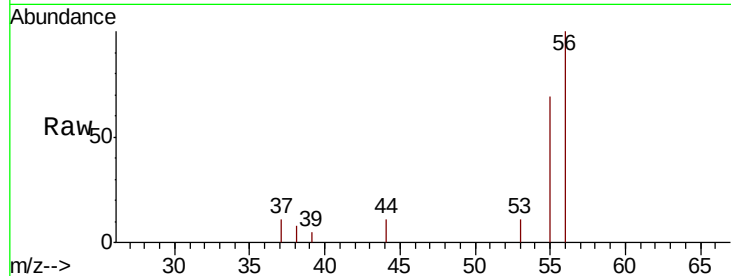
#13
Acrolein
Concen: 120.119 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion: 56 Resp: 3276
Ion Ratio Lower Upper
56 100
55 74.2 57.7 86.5

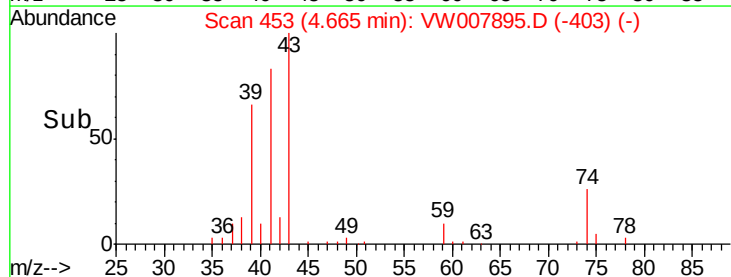
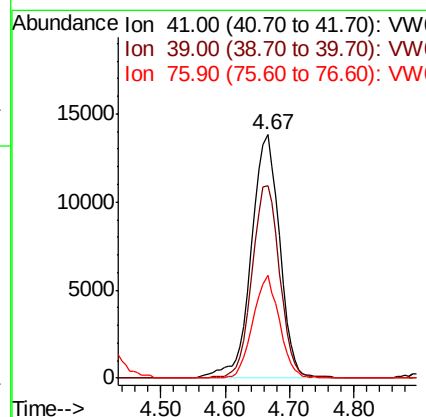
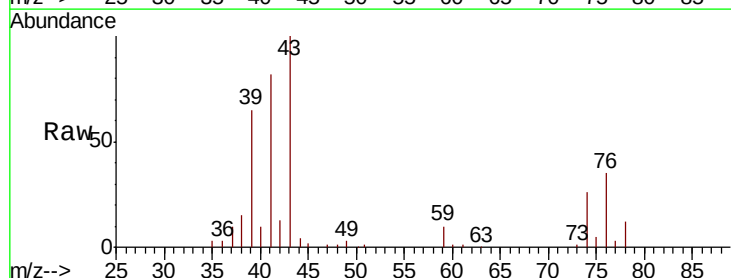
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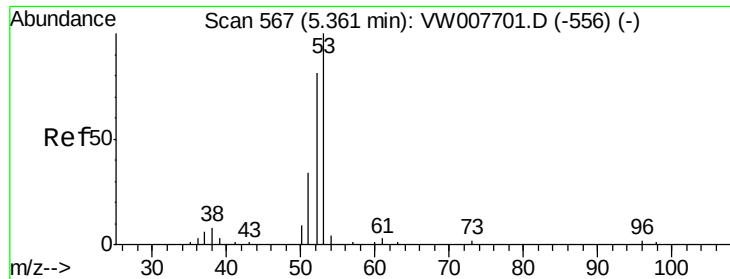
MMDadoda
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#14
Allyl chloride
Concen: 69.862 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 41 Resp: 41700
Ion Ratio Lower Upper
41 100
39 77.1 69.5 104.3
76 39.1 34.8 52.2





#15

Acrylonitrile

Concen: 361.582 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

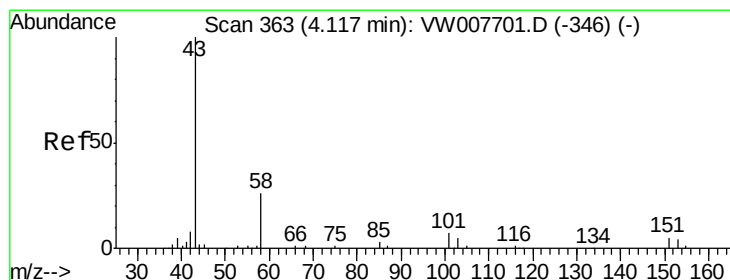
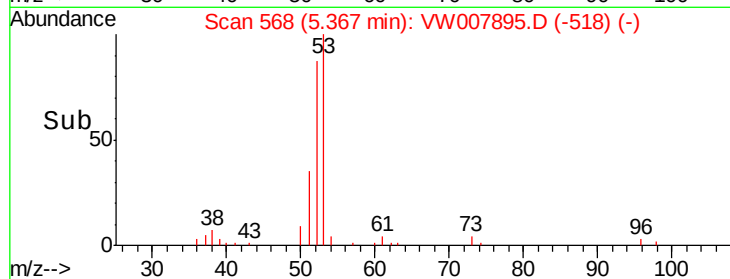
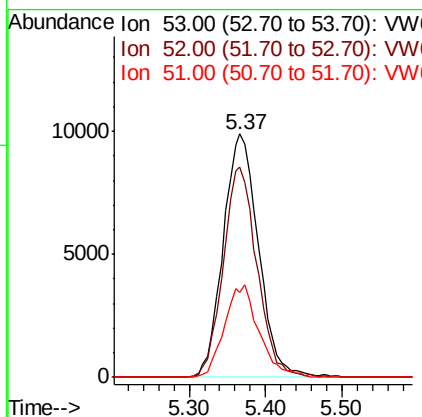
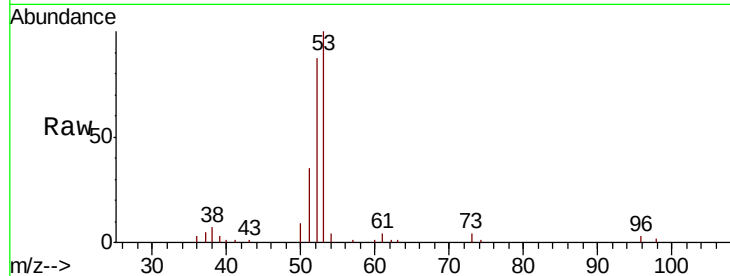
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	53	Resp:	31531
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	37.2	30.2	45.2

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#16

Acetone

Concen: 258.228 ug/l

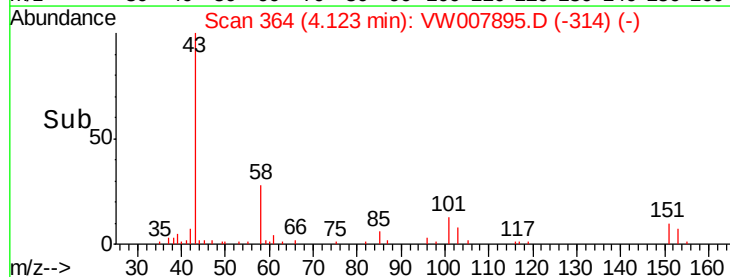
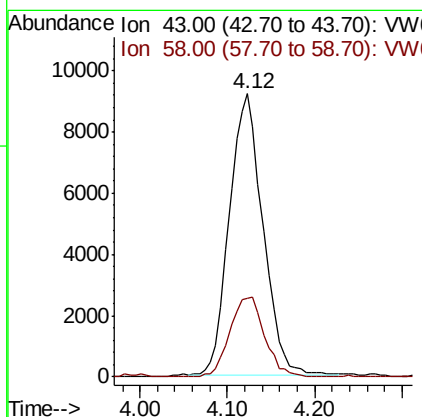
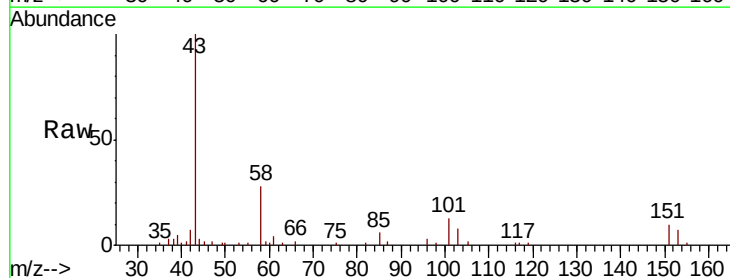
RT: 4.12 min Scan# 364

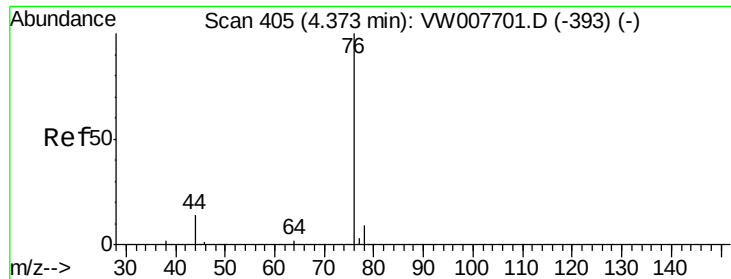
Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion:	43	Resp:	24451
Ion	Ratio	Lower	Upper
43	100		
58	28.0	21.2	31.8





#17

Carbon Disulfide

Concen: 49.615 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 76 Resp: 69884

Ion Ratio Lower Upper

76 100

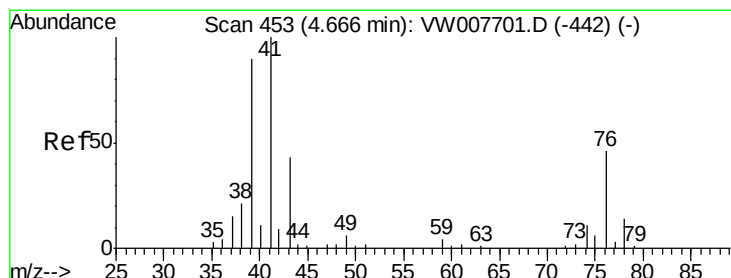
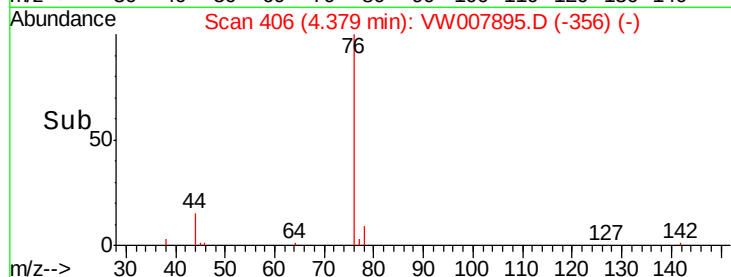
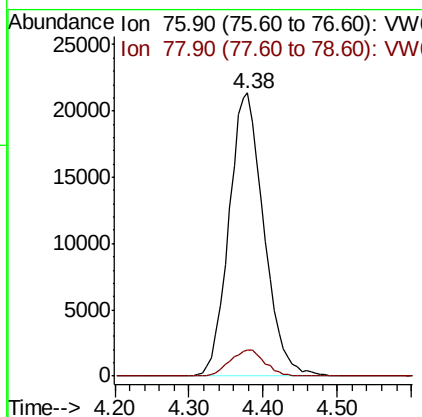
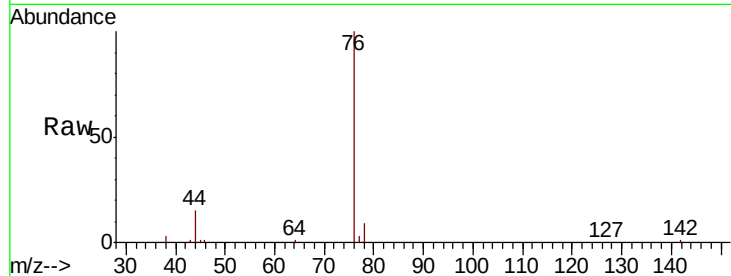
78 9.1 7.3 10.9

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#18

Methyl Acetate

Concen: 221.273 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007895.D

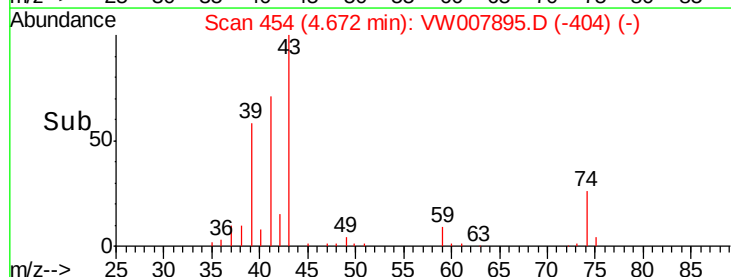
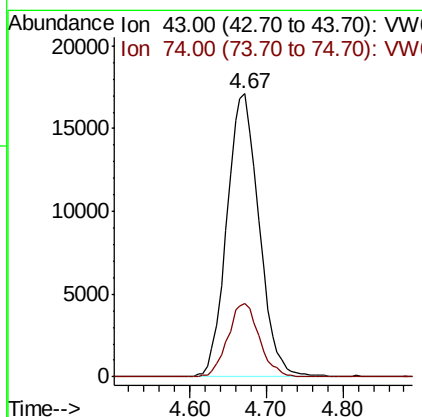
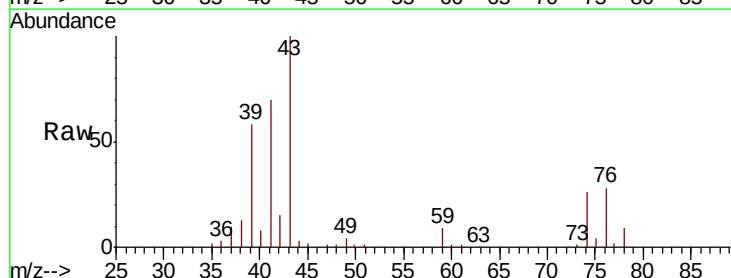
Acq: 24 Dec 2018 18:01

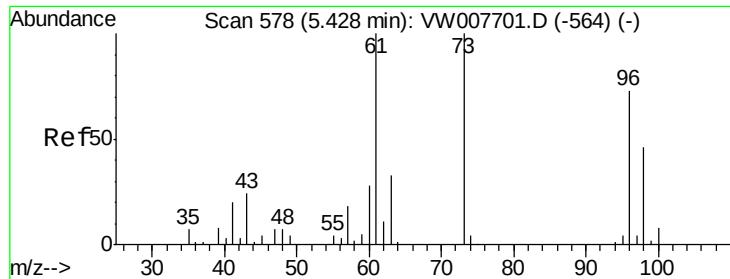
Tgt Ion: 43 Resp: 49828

Ion Ratio Lower Upper

43 100

74 25.2 22.7 34.1





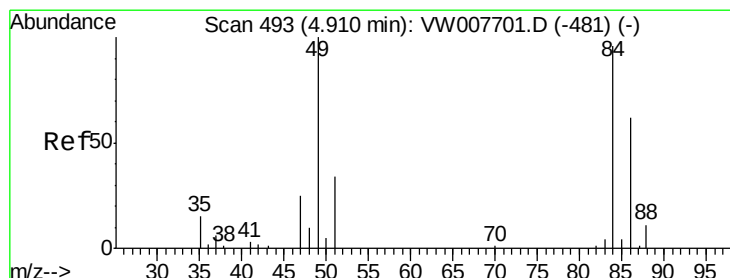
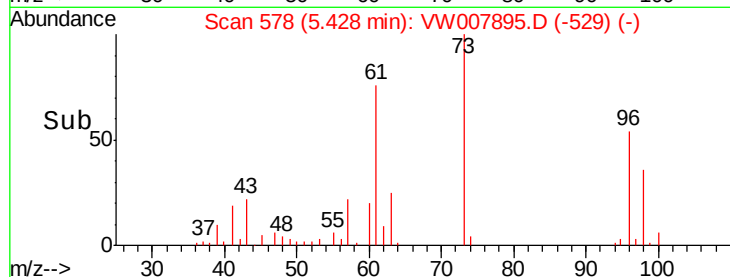
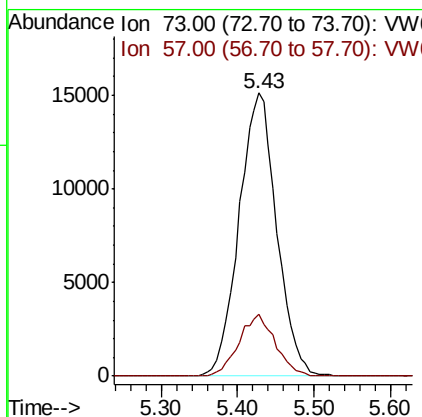
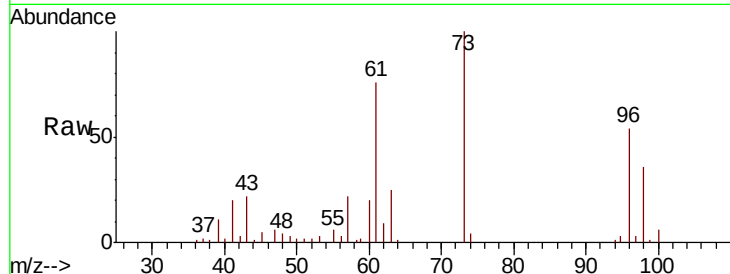
#19
Methyl tert-butyl Ether
Concen: 78.884 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion: 73 Resp: 51547
Ion Ratio Lower Upper
73 100
57 22.0 14.7 22.1

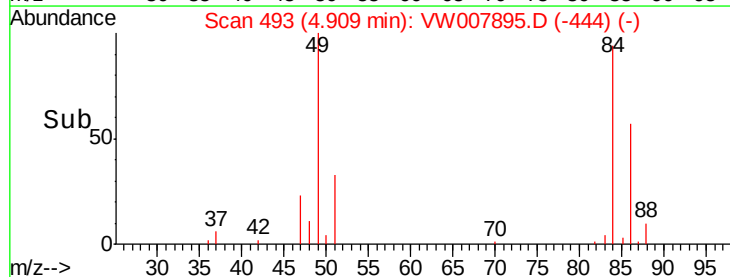
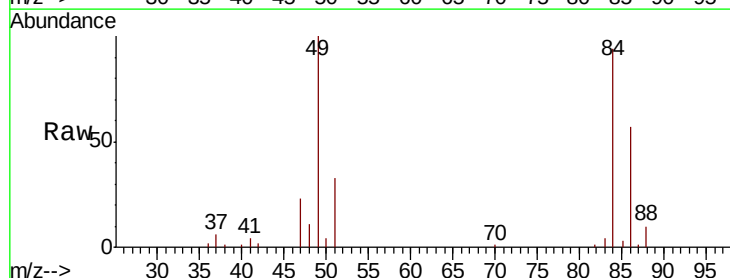
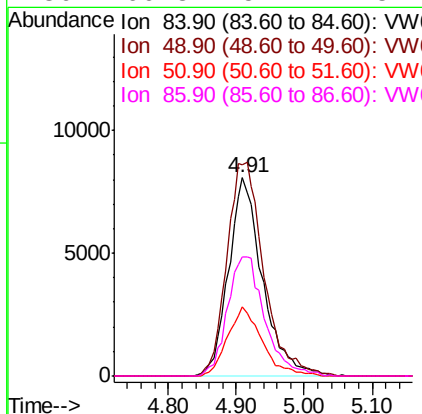
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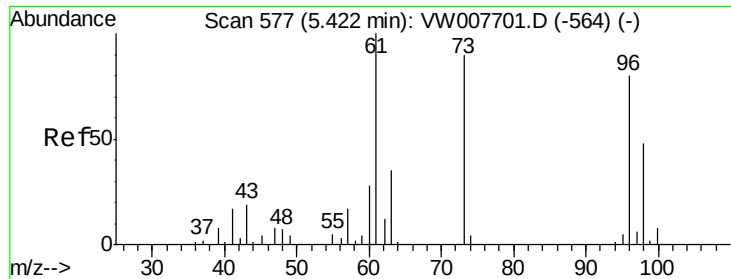
MMDadoda
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#20
Methylene Chloride
Concen: 60.388 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 84 Resp: 27975
Ion Ratio Lower Upper
84 100
49 106.4 83.7 125.5
51 34.7 28.2 42.2
86 60.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 56.740 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

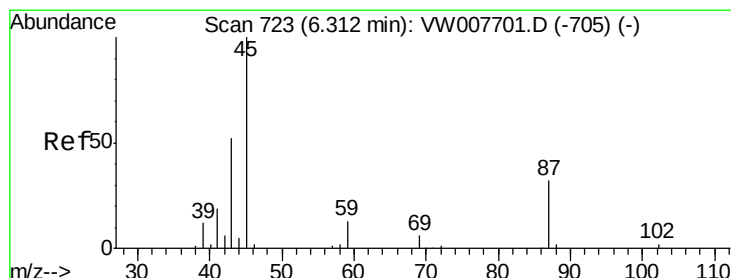
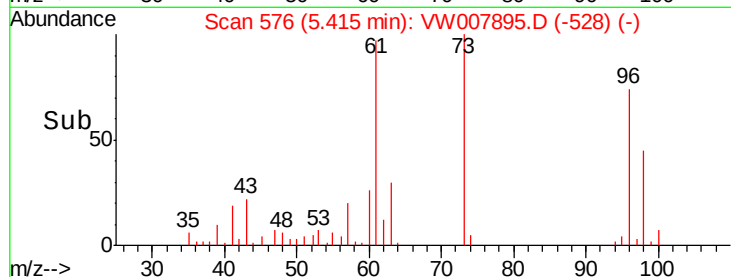
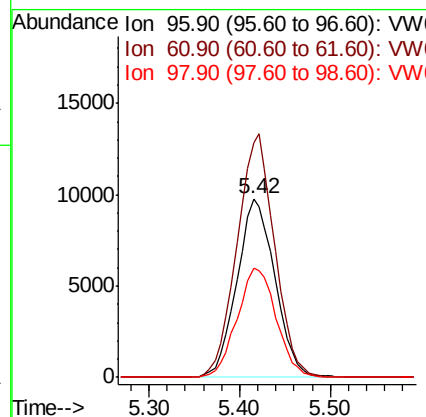
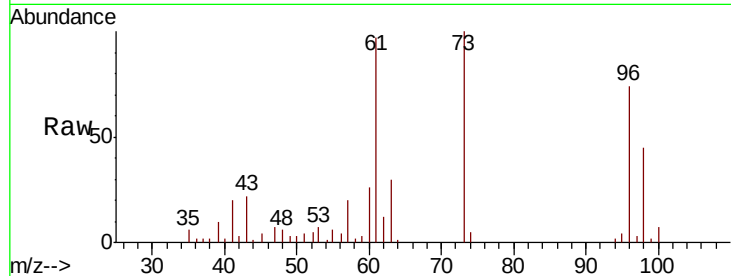
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	96	Resp:	28404
Ion	Ratio	Lower	Upper
96	100		
61	131.3	100.1	150.1
98	61.2	48.5	72.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 76.003 ug/l

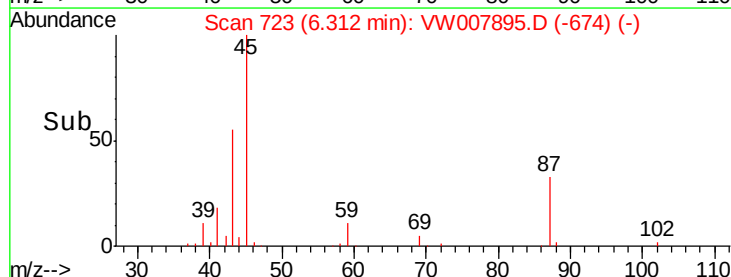
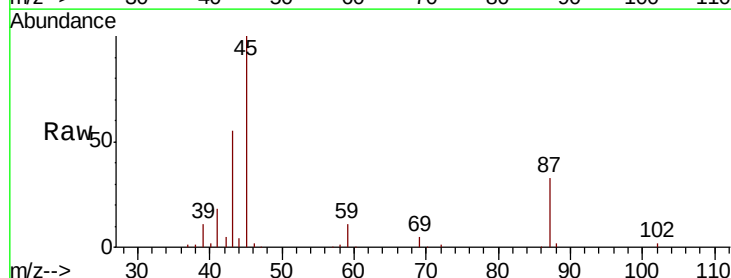
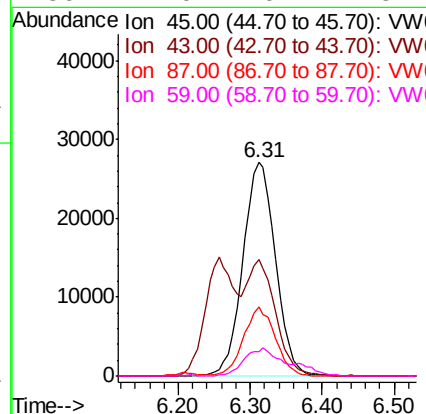
RT: 6.31 min Scan# 723

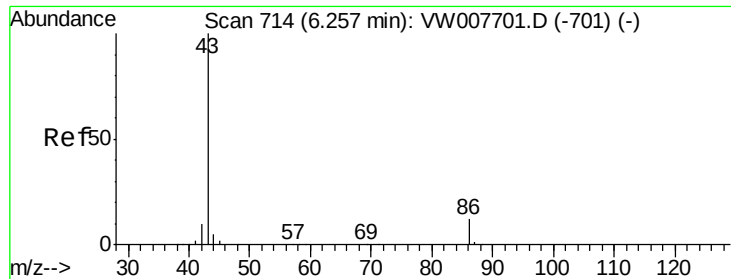
Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion:	45	Resp:	84945
Ion	Ratio	Lower	Upper
45	100		
43	54.6	43.7	65.5
87	32.5	26.6	40.0
59	11.0	10.2	15.2





#23

Vinyl Acetate

Concen: 66.939 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 43 Resp: 44450

Ion Ratio Lower Upper

43 100

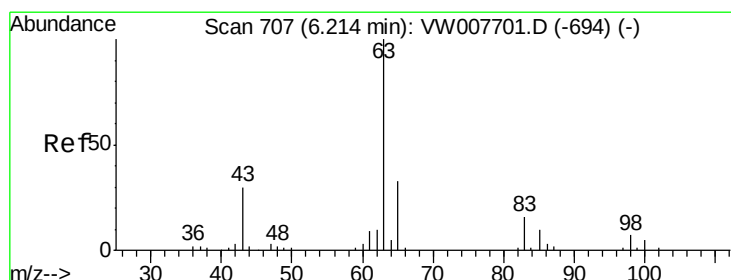
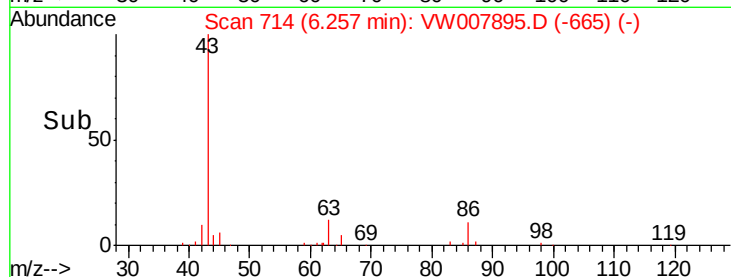
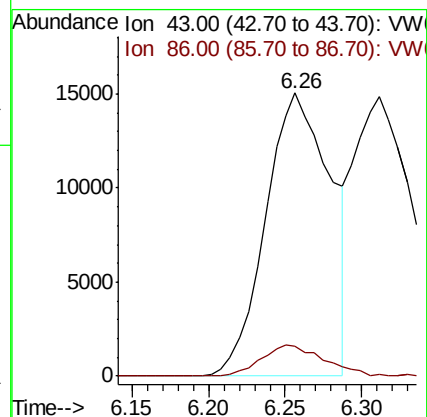
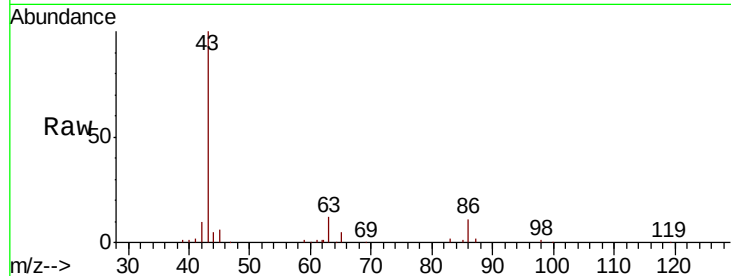
86 10.6 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 61.789 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

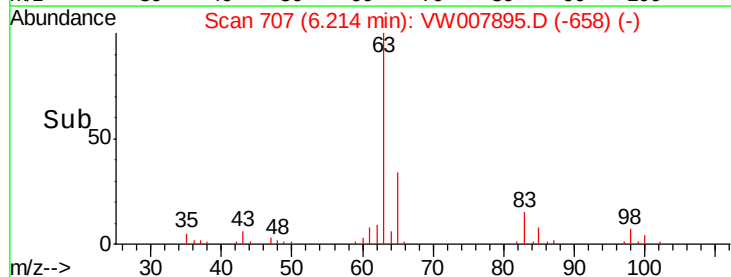
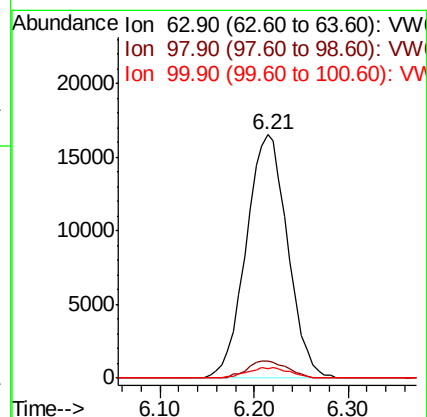
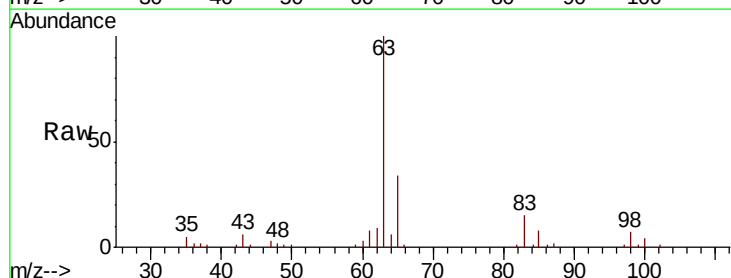
Tgt Ion: 63 Resp: 50804

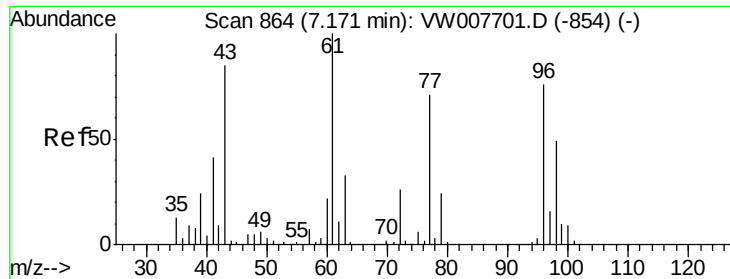
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.1 2.5 7.5





#25

2-Butanone

Concen: 345.100 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 43 Resp: 38274

Ion Ratio Lower Upper

43 100

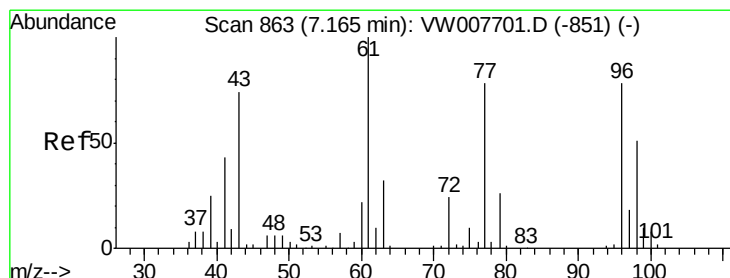
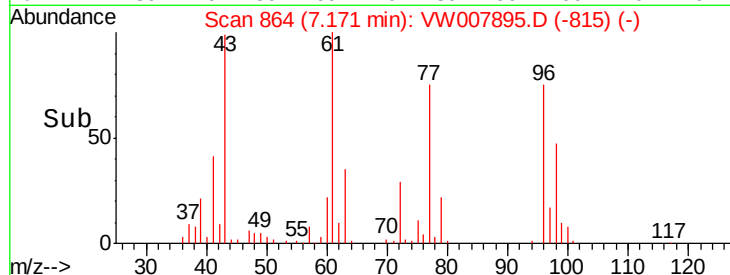
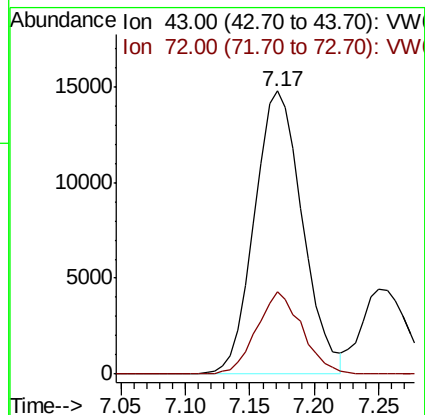
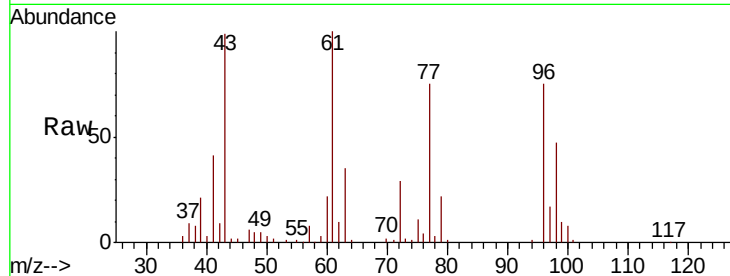
72 29.0 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.525 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007895.D

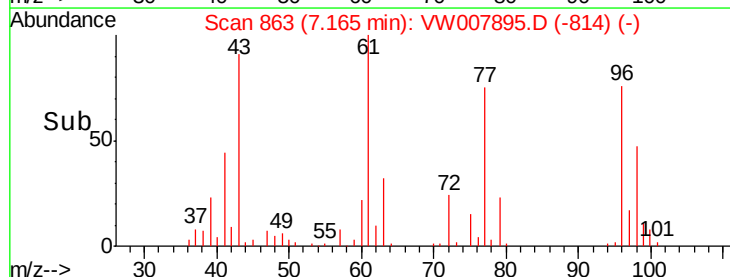
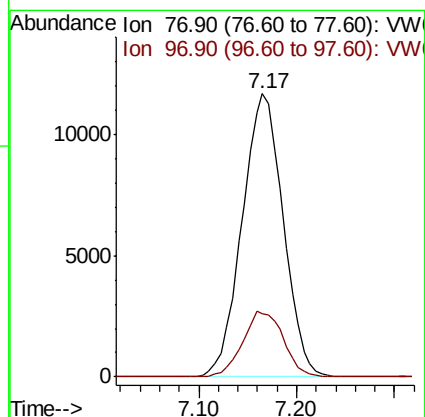
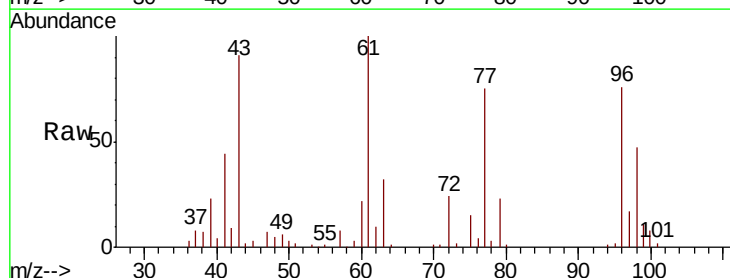
Acq: 24 Dec 2018 18:01

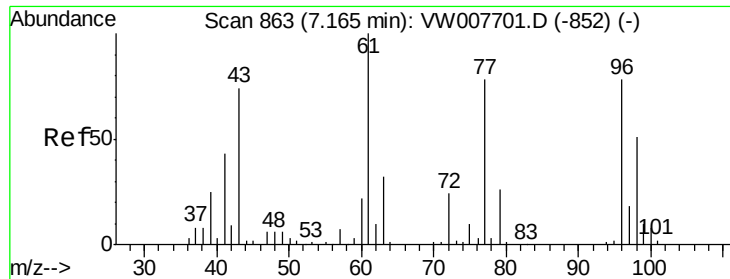
Tgt Ion: 77 Resp: 34009

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

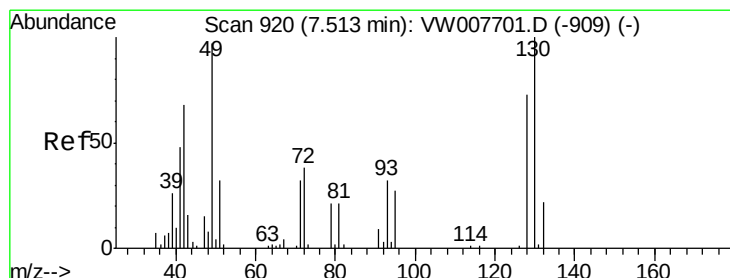
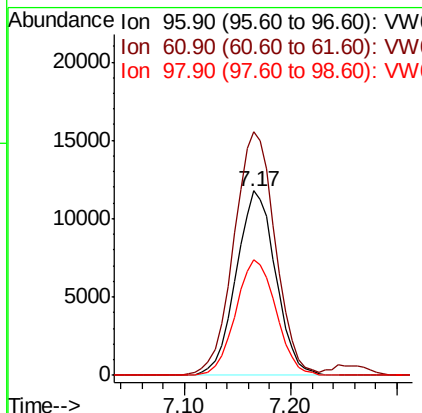
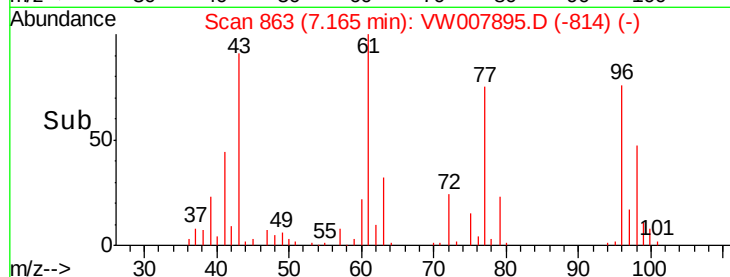
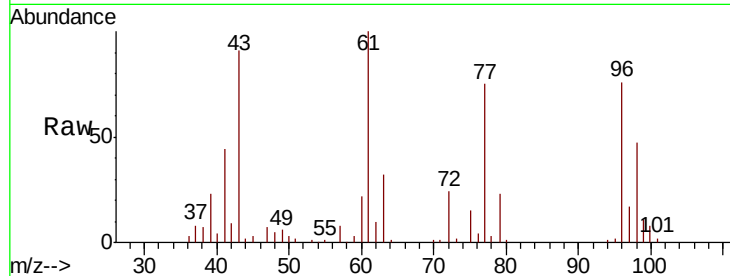
cis-1,2-Dichloroethene
Concen: 57.455 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	271.6
98	64.1	0.0	131.2

Manual Integrations
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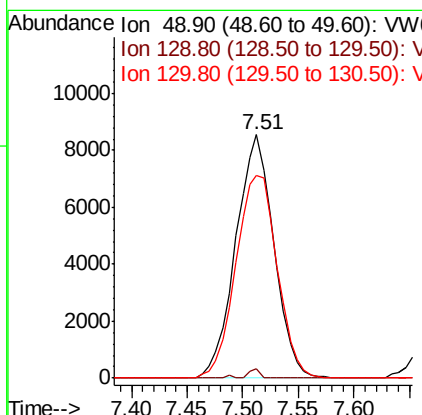
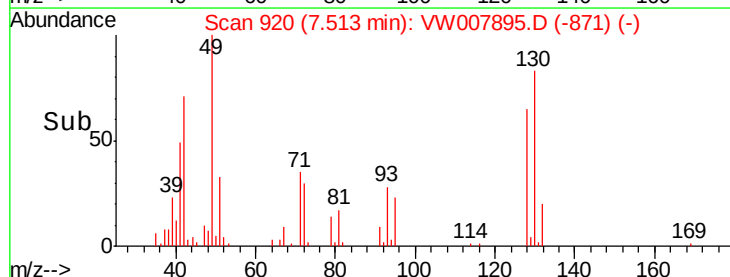
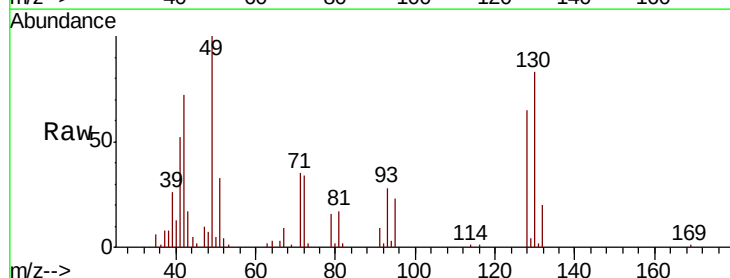
MMDadoda
12/26/2018 4:39:15 PM

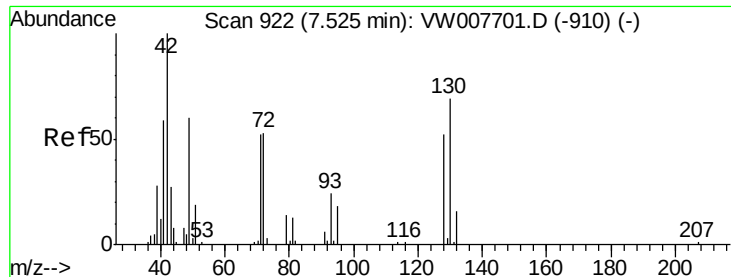


#28

Bromochloromethane
Concen: 72.441 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	90.3	81.5	122.3





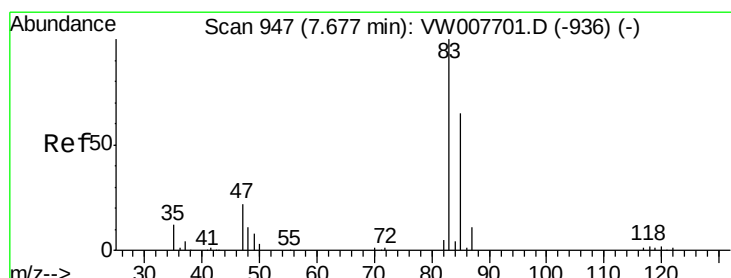
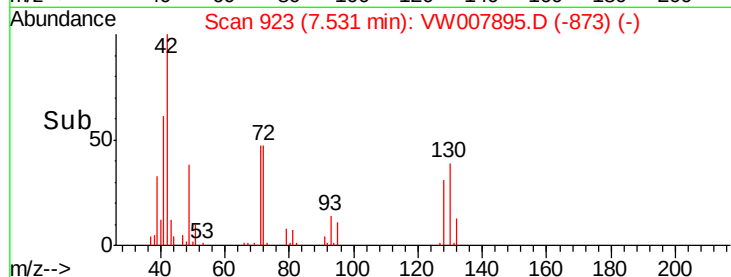
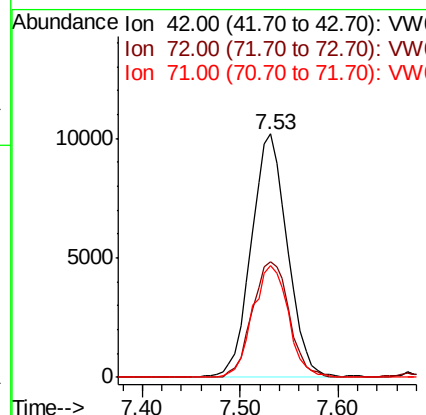
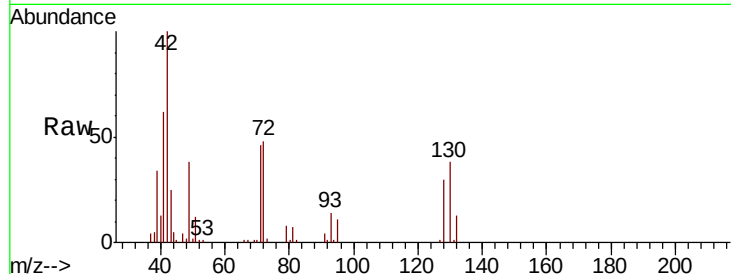
#29
Tetrahydrofuran
Concen: 396.785 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	41.7	62.5
71	45.4	39.0	58.6

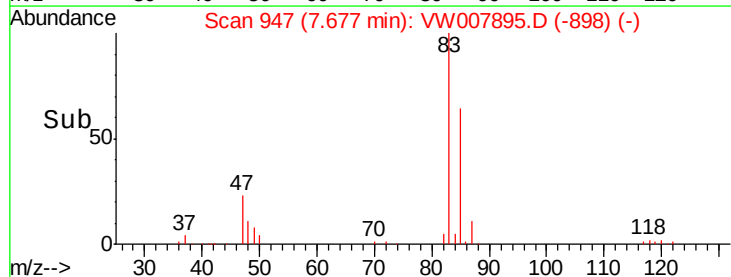
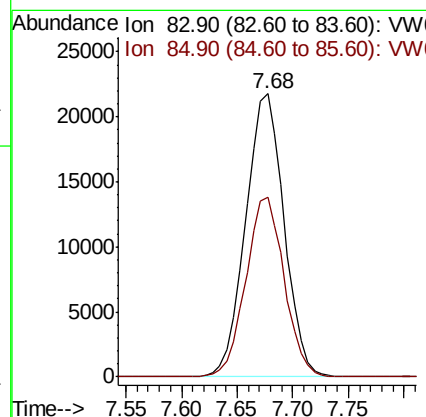
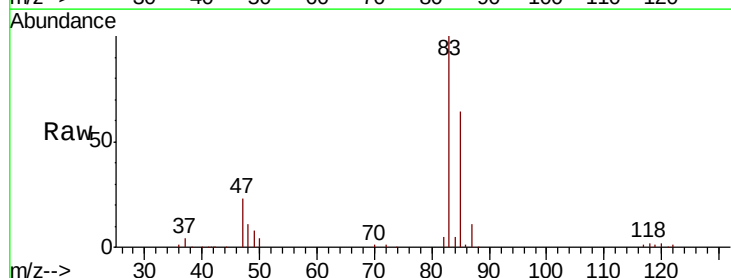
Manual Integrations
APPROVED

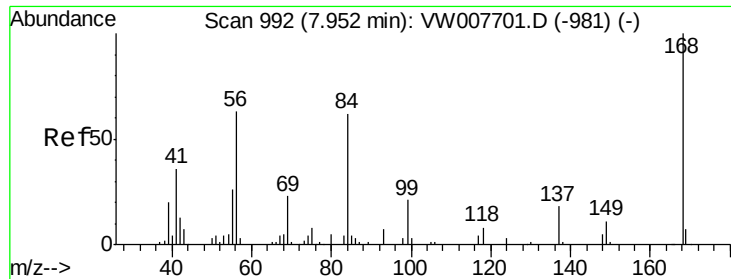
MMDadoda
12/26/2018 4:39:15 PM



#30
Chloroform
Concen: 56.244 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.2





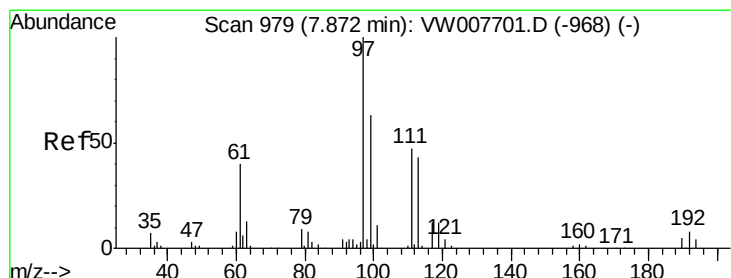
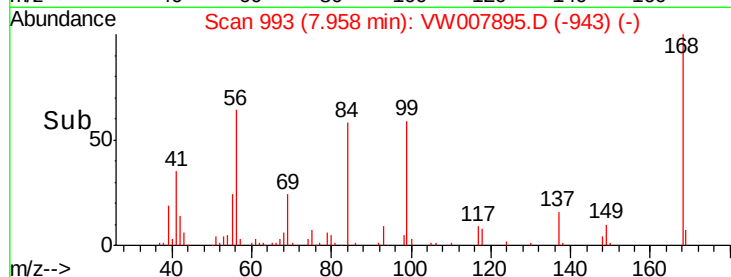
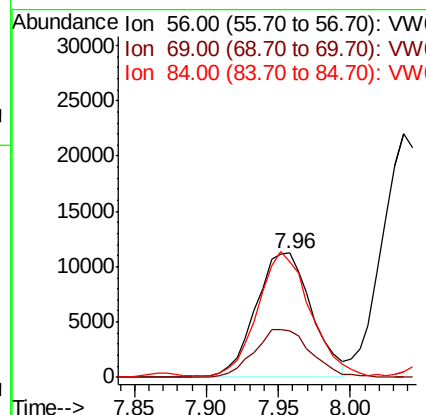
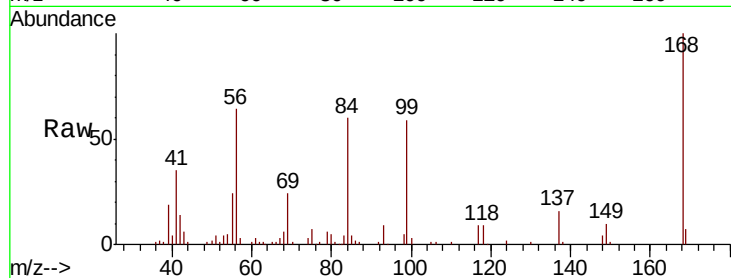
#31
Cyclohexane
Concen: 40.278 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	29.7	44.5
84	92.1	78.9	118.3

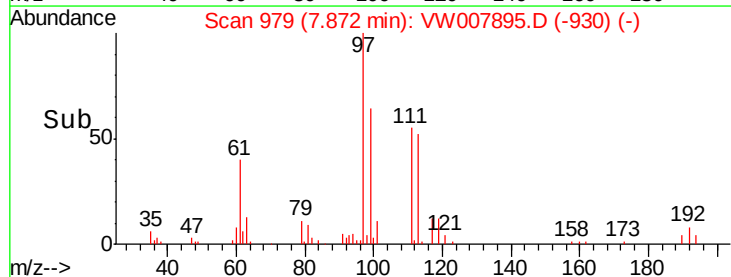
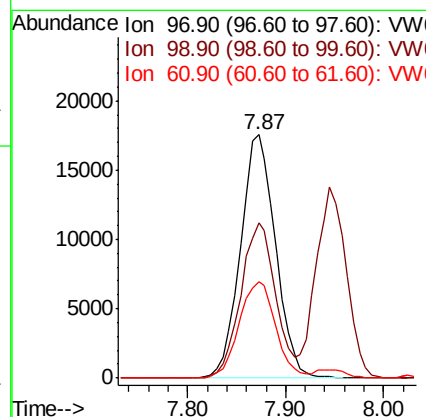
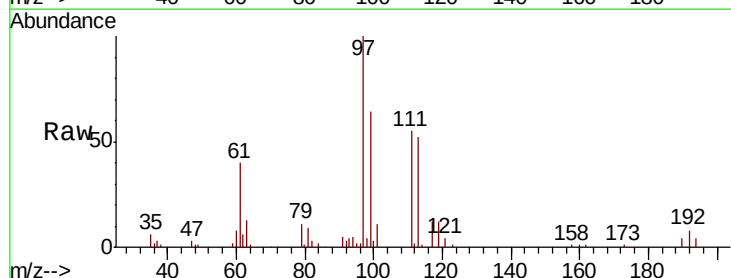
Manual Integrations
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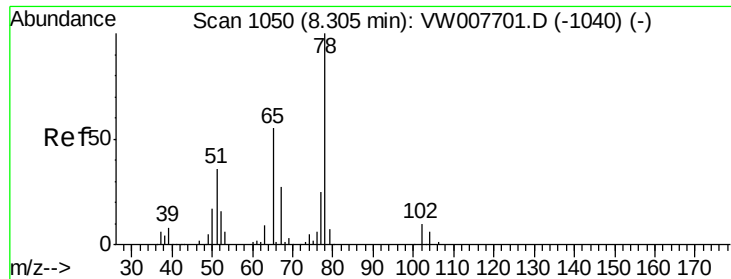
MMDadoda
12/26/2018 4:39:15 PM



#32
1,1,1-Trichloroethane
Concen: 51.394 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	41.4	32.3	48.5





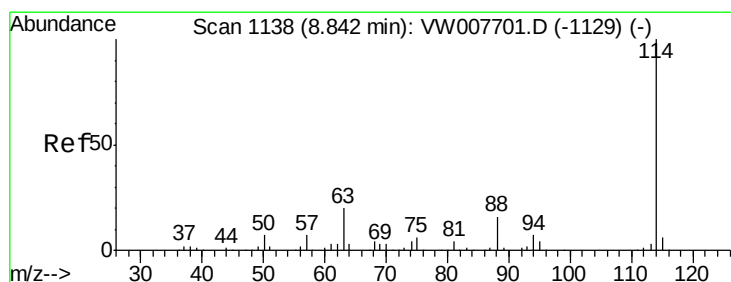
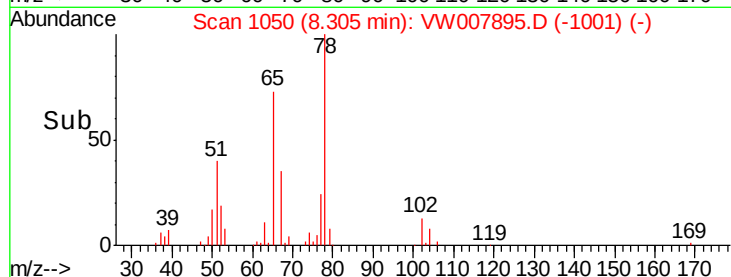
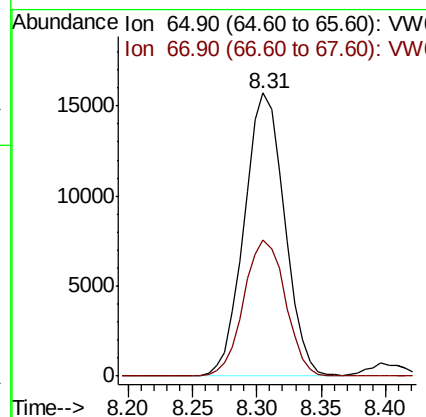
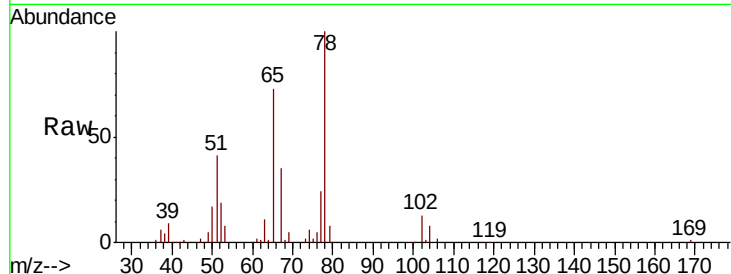
#33
 1,2-Dichloroethane-d4
 Concen: 67.454 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.6

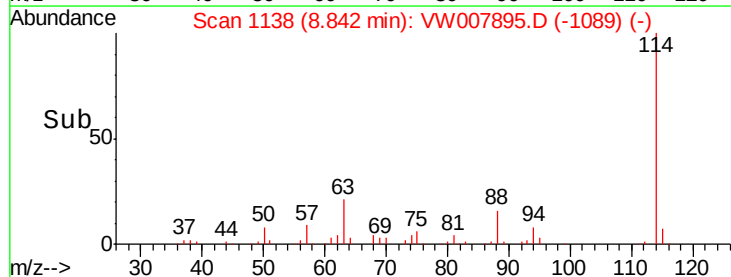
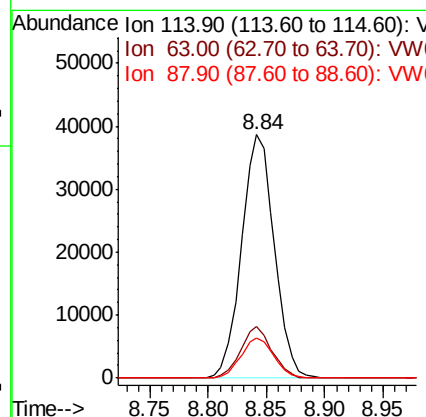
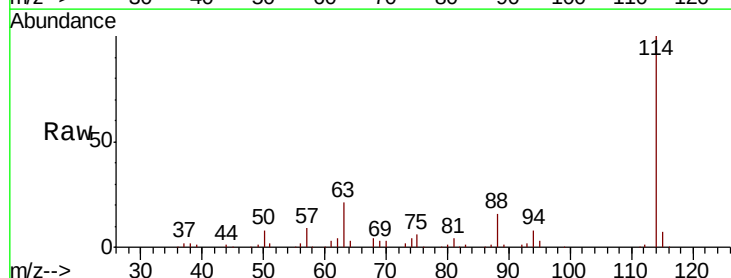
Manual Integrations
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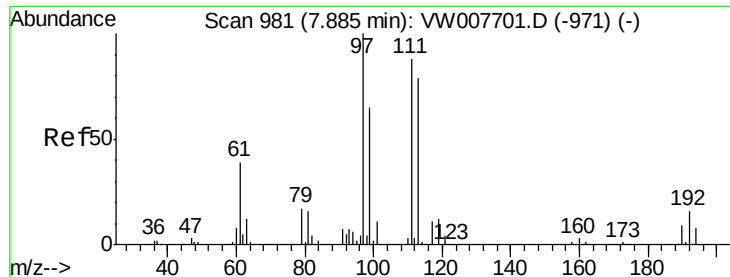
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 12/26/2018 4:39:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	16.4	0.0	32.6





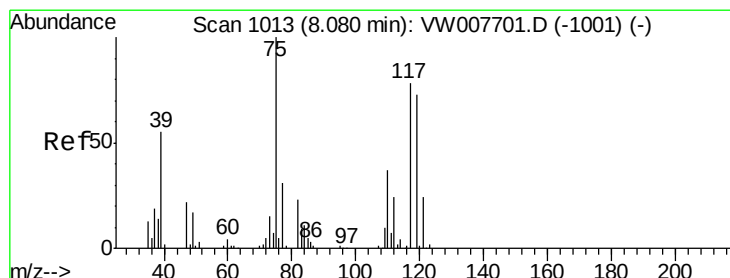
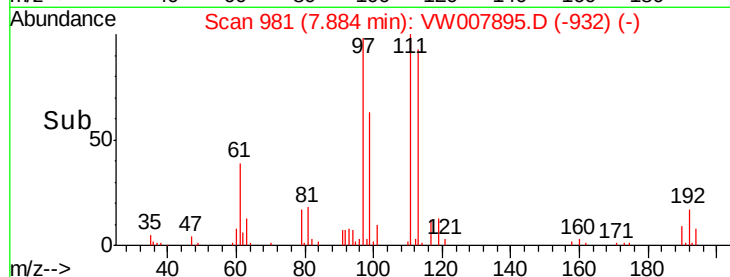
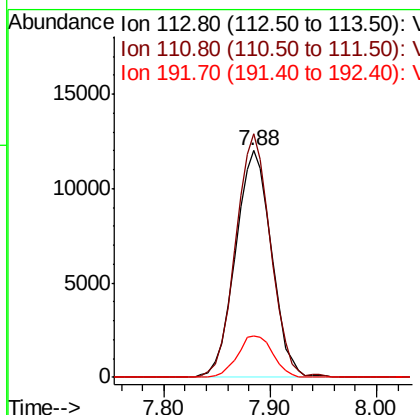
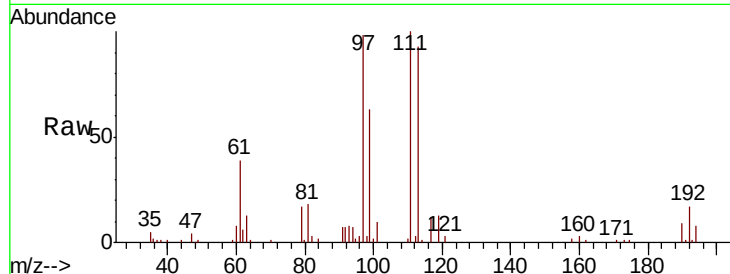
#35
 Dibromofluoromethane
 Concen: 61.834 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	28536		
111	104.0	82.6	124.0	
192	18.1	15.5	23.3	

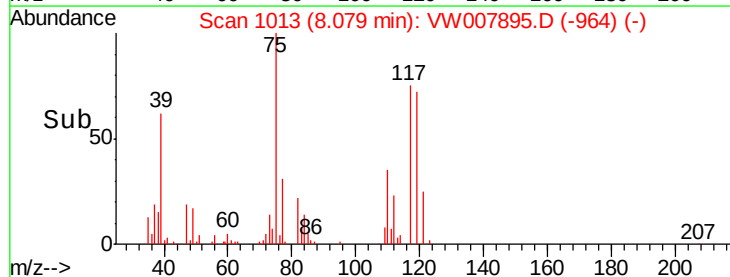
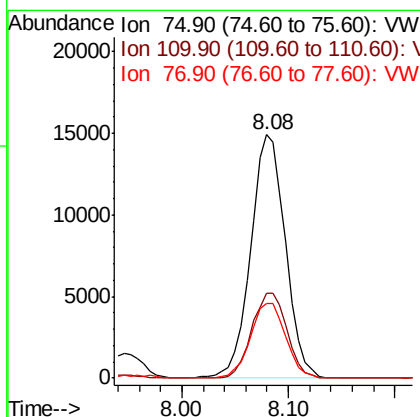
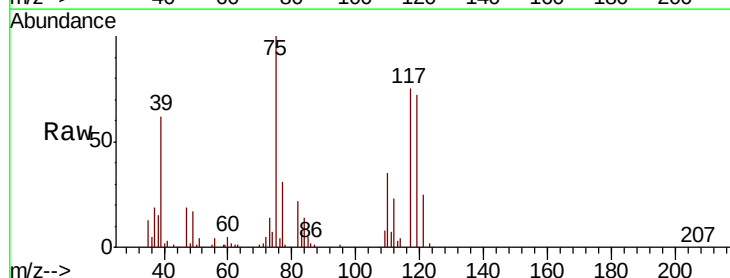
Manual Integrations
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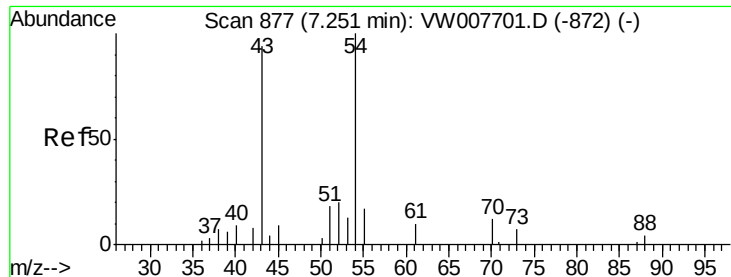
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#36
 1,1-Dichloropropene
 Concen: 46.713 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34107		
110	35.4	18.6	55.8	
77	31.3	25.0	37.4	





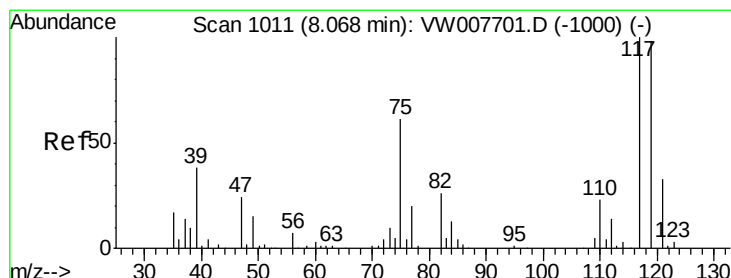
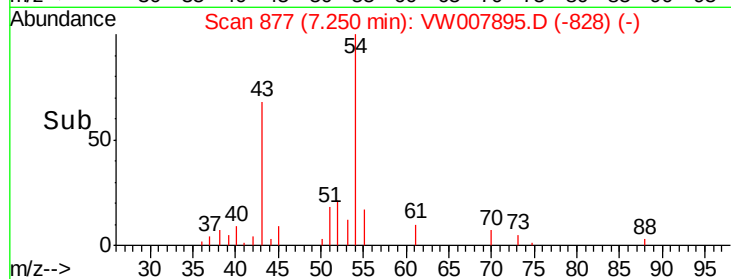
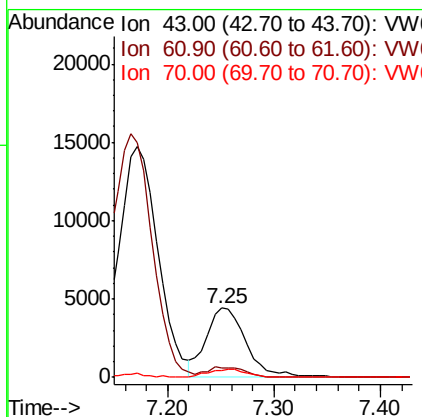
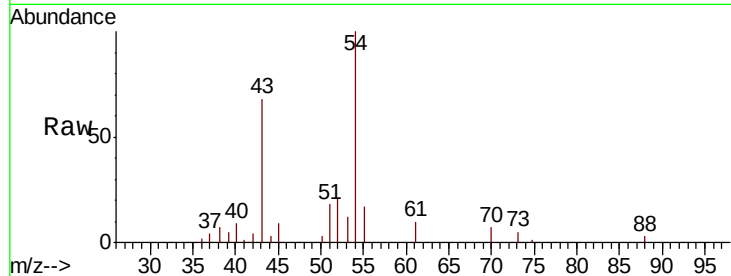
#37
Ethyl Acetate
Concen: 46.051 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.2	16.8
70	10.9	9.3	13.9

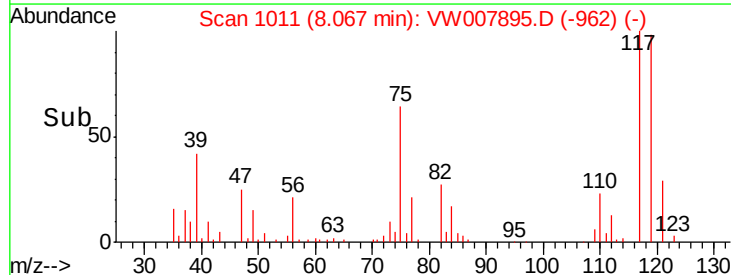
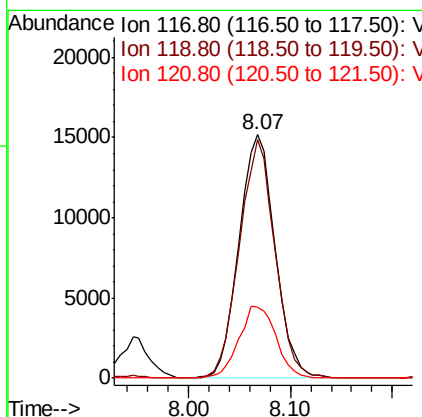
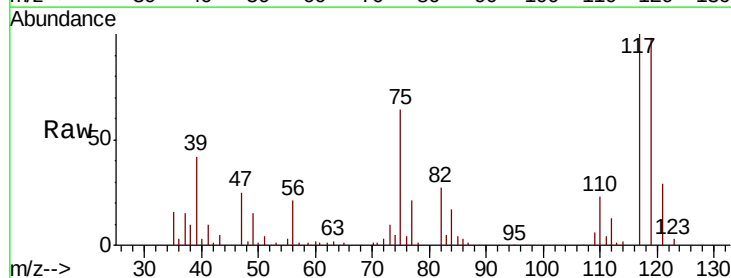
Manual Integrations
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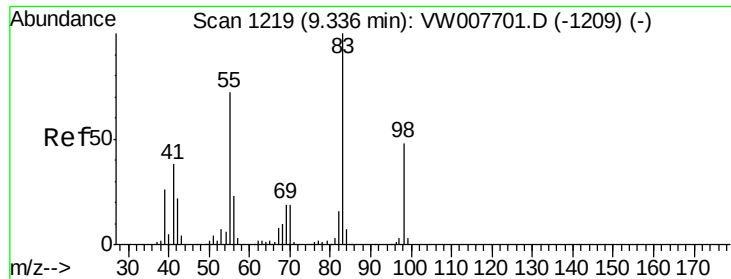
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#38
Carbon Tetrachloride
Concen: 43.382 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.2	117.2
121	29.2	26.1	39.1





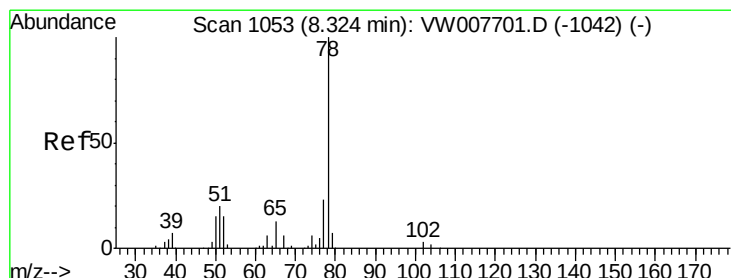
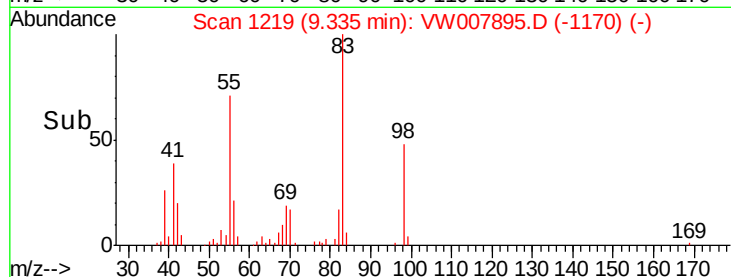
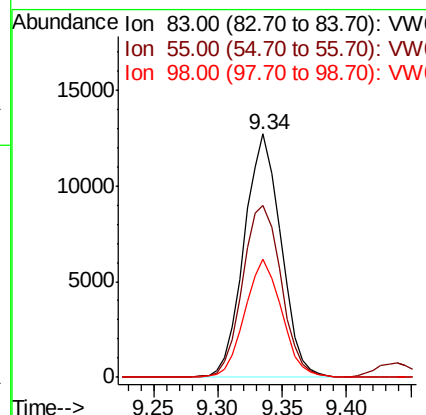
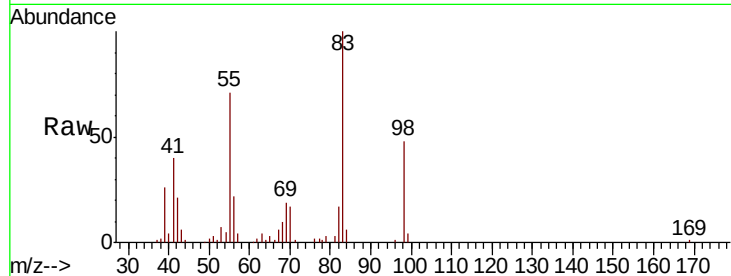
#39
Methylvlcyclohexane
Concen: 27.695 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	57.2	85.8
98	48.3	38.6	58.0

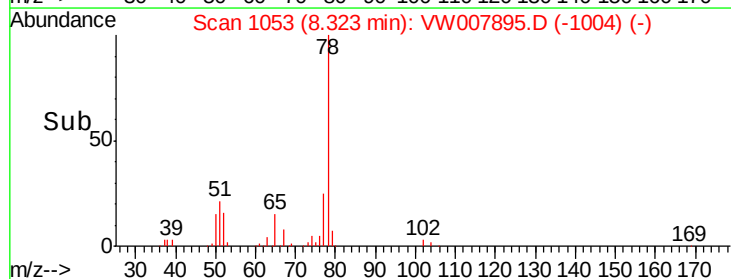
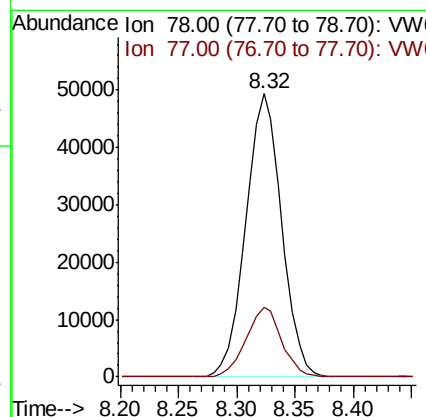
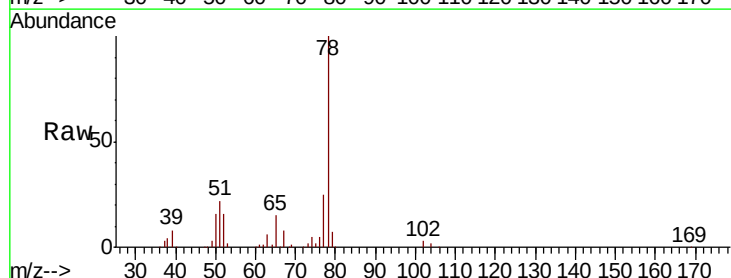
Manual Integrations
APPROVED

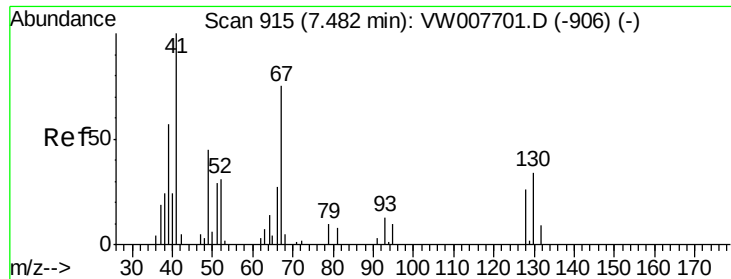
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#40
Benzene
Concen: 54.199 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1





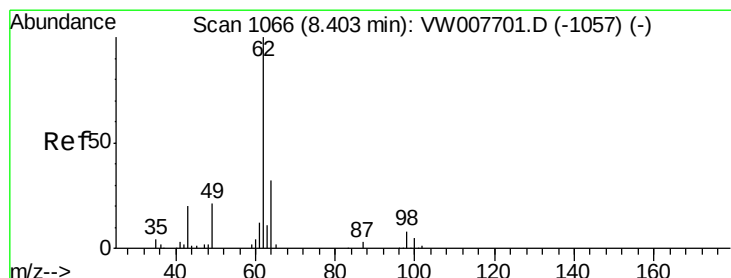
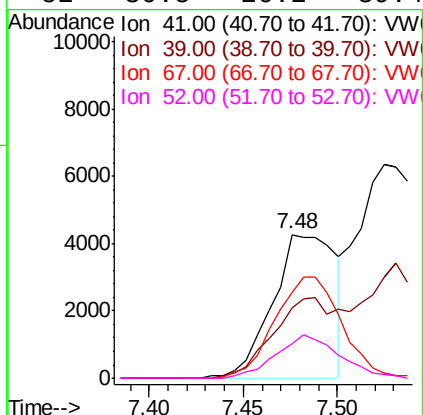
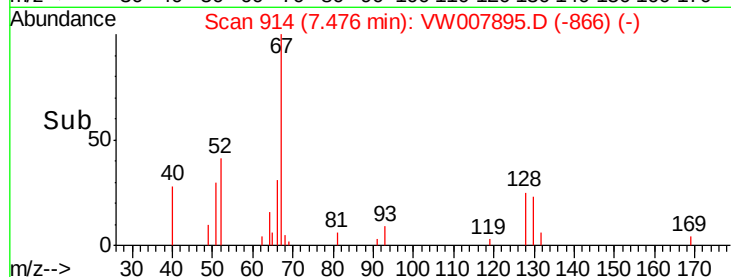
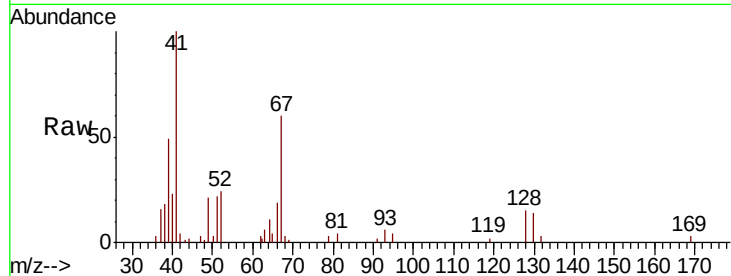
#41
Methacrylonitrile
Concen: 69.361 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion:	41	Resp:	9923
Ion	Ratio	Lower	Upper
41	100		
39	62.5	54.2	81.4
67	74.3	65.7	98.5
52	30.5	26.2	39.4

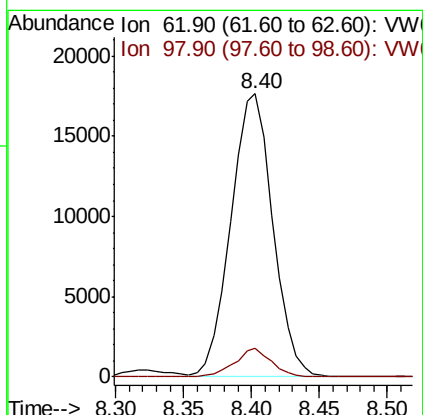
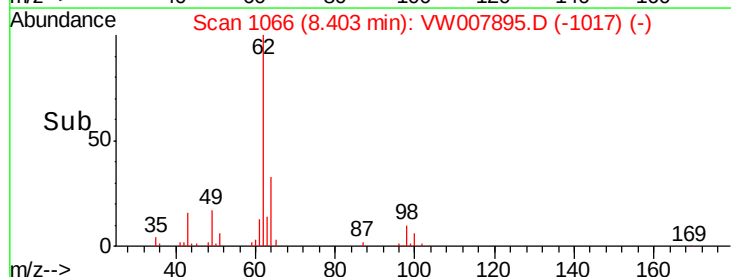
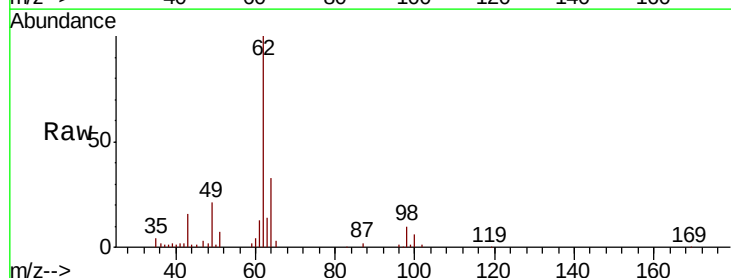
Manual Integrations
APPROVED

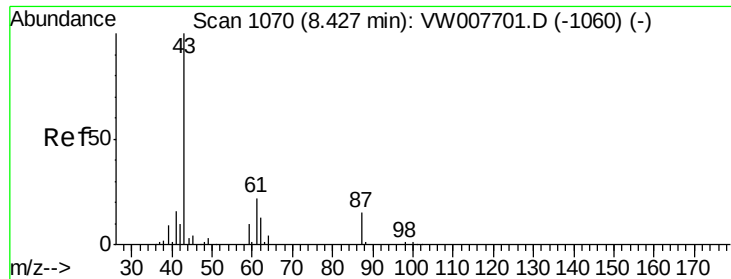
MMDadoda
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#42
1,2-Dichloroethane
Concen: 58.087 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:	62	Resp:	37927
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.513 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

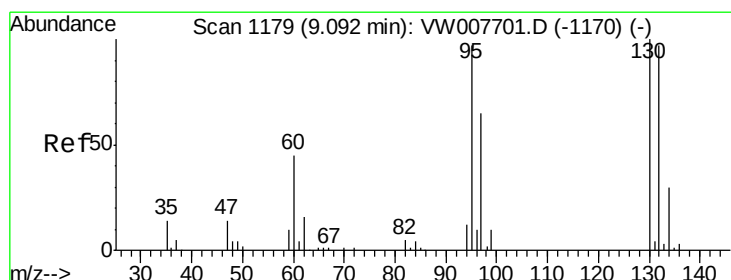
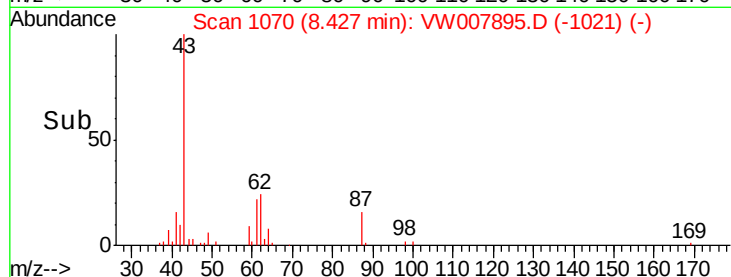
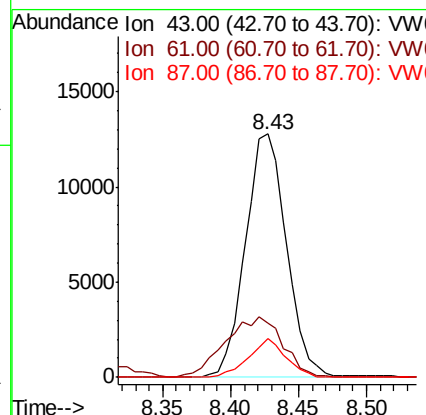
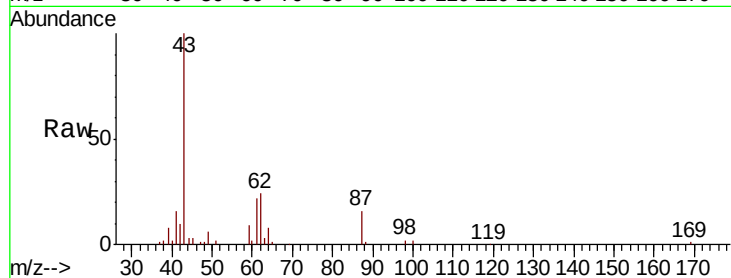
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	43	Resp:	27015
Ion	Ratio	Lower	Upper
43	100		
61	34.5	26.3	39.5
87	14.3	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 44.739 ug/l

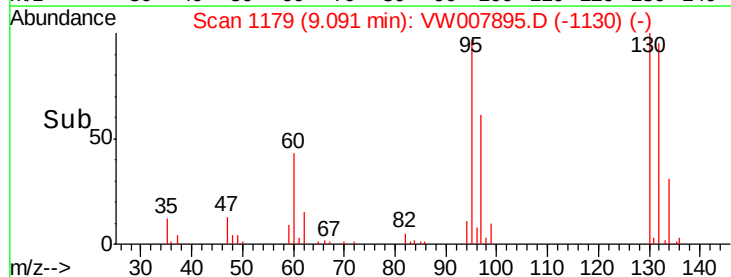
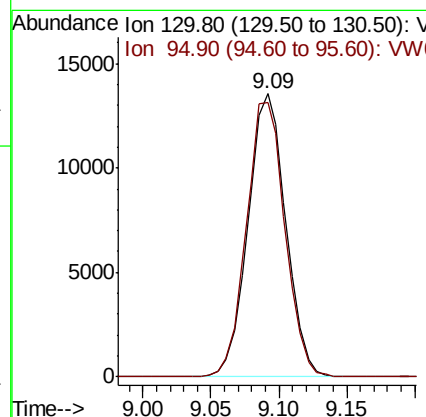
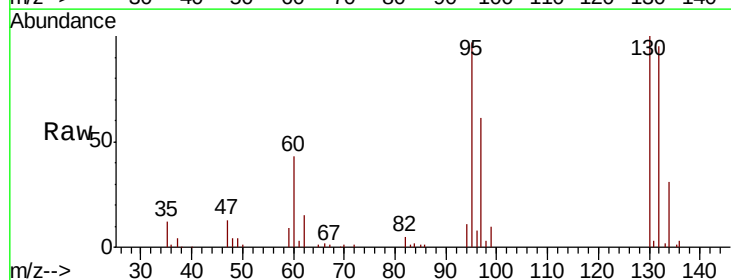
RT: 9.09 min Scan# 1179

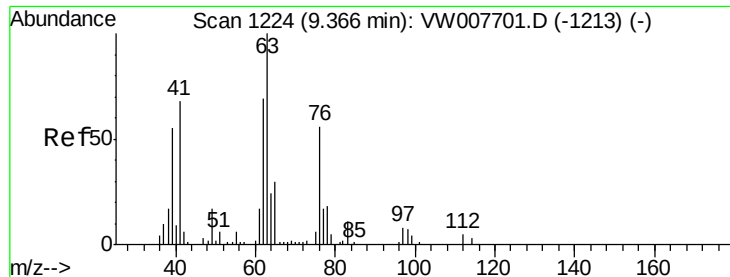
Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion:	130	Resp:	26361
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	194.8





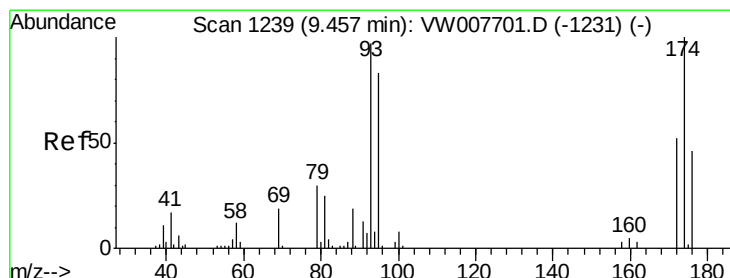
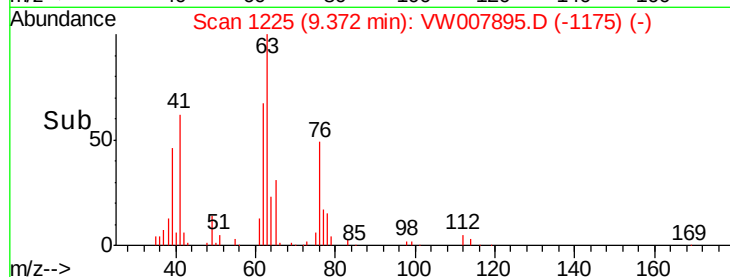
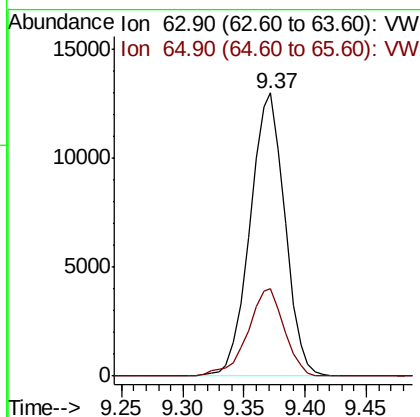
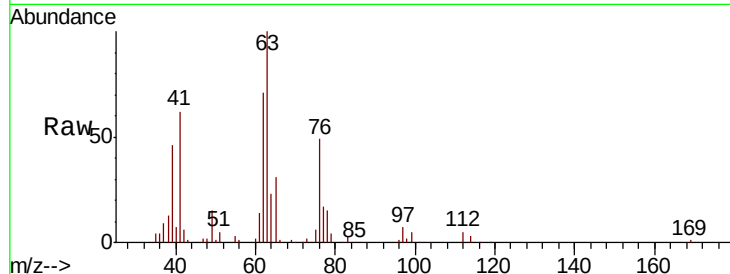
#45
 1,2-Dichloropropane
 Concen: 59.490 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.8	35.8

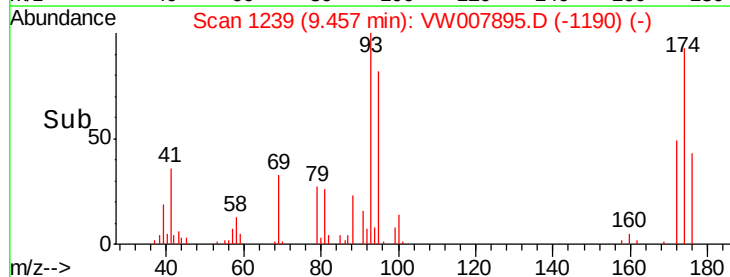
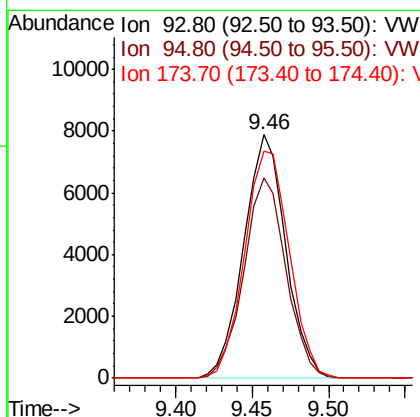
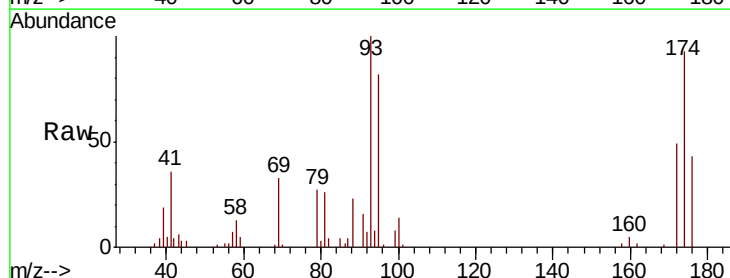
Manual Integrations
 APPROVED

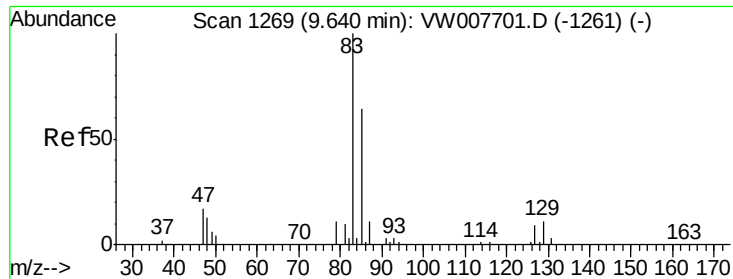
MMDadoda
 12/26/2018 4:39:15 PM



#46
 Dibromomethane
 Concen: 56.387 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.5	101.3
174	99.4	83.9	125.9





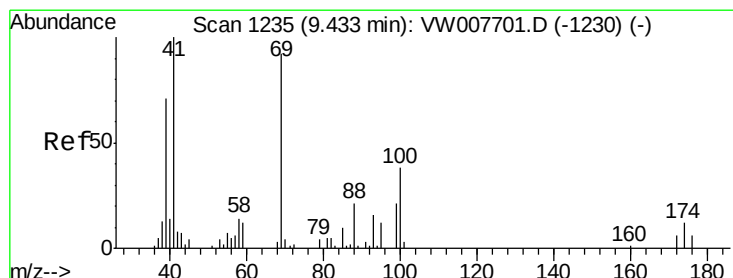
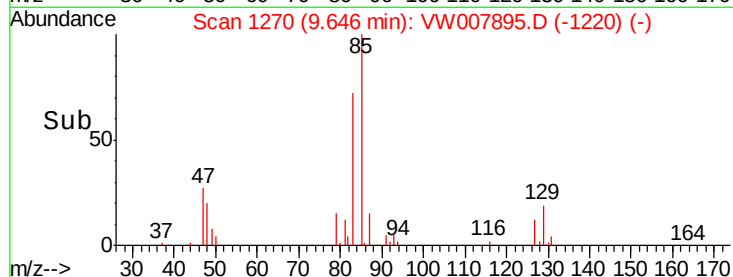
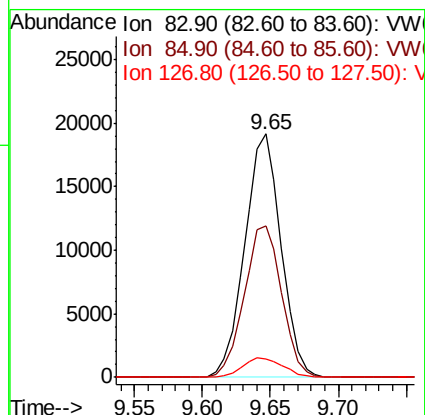
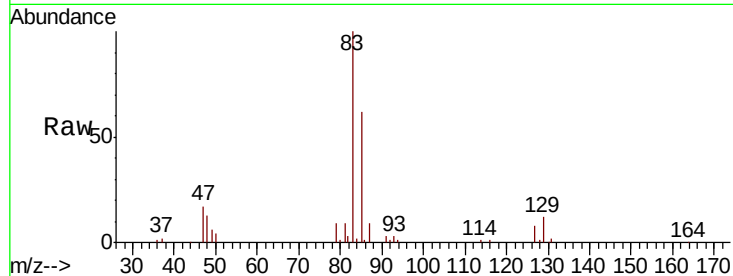
#47
Bromodichloromethane
Concen: 50.989 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.1	51.4	77.0	
127	7.7	7.5	11.3	

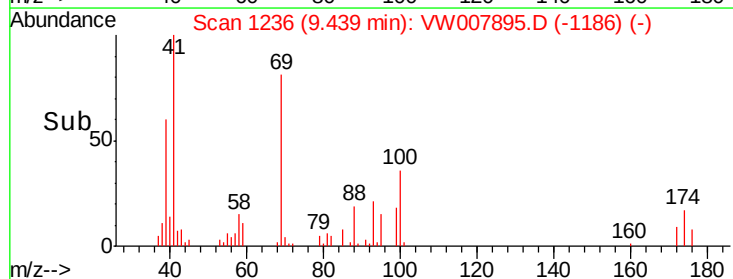
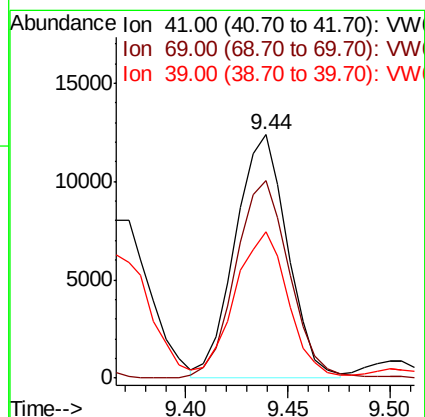
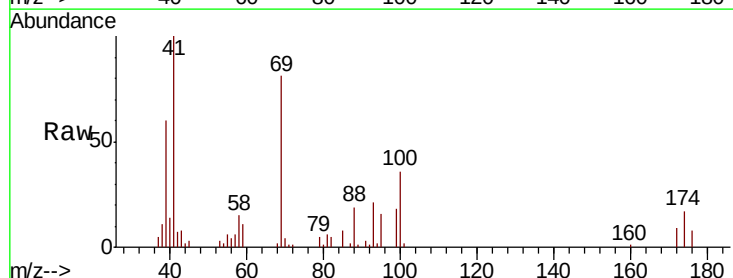
Manual Integrations
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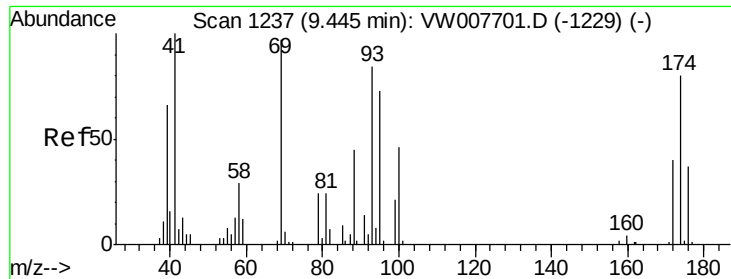
MMDadoda
12/26/2018 4:39:15 PM



#48
Methyl methacrylate
Concen: 87.484 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	83.8	74.2	111.2	
39	61.5	53.9	80.9	





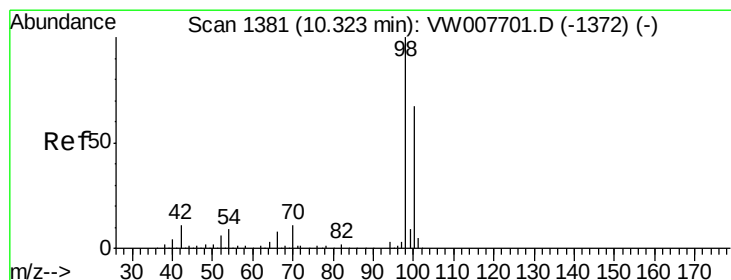
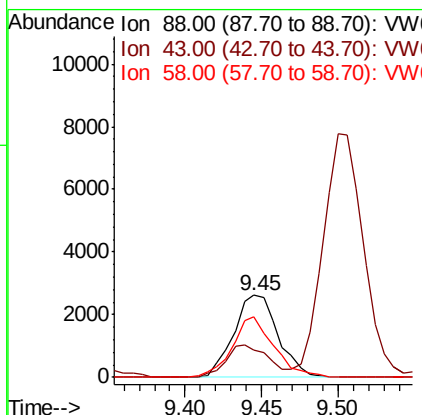
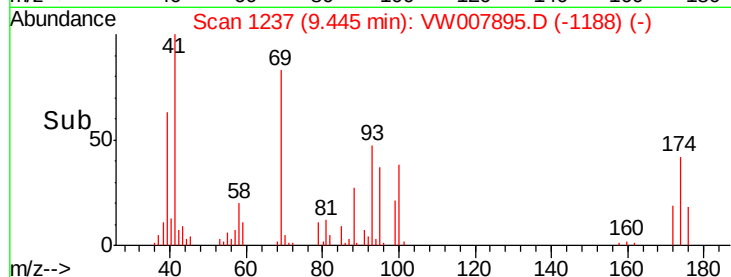
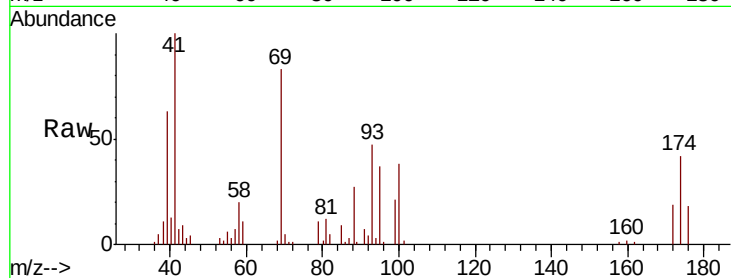
#49
1,4-Dioxane
Concen: 1239.776 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	25.6	38.4#
58	69.6	52.3	78.5

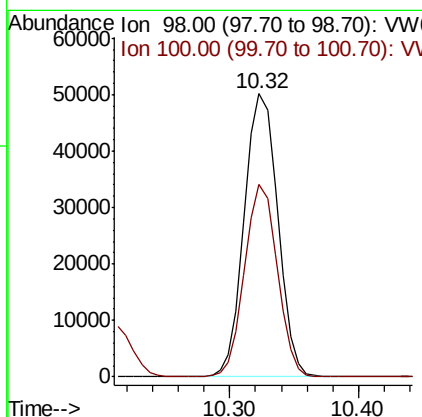
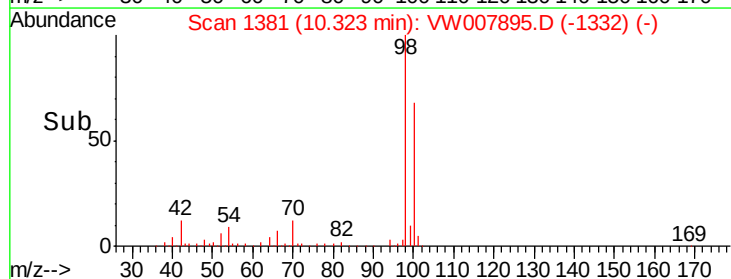
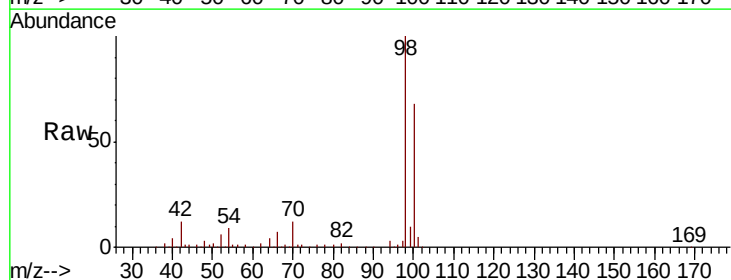
Manual Integrations
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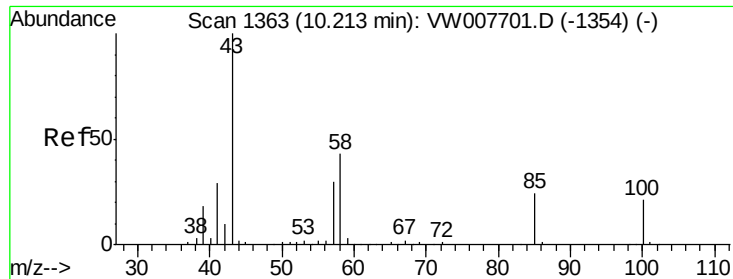
MMDadoda
12/26/2018 4:39:15 PM



#50
Toluene-d8
Concen: 51.981 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 360.148 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 43 Resp: 85925

Ion Ratio Lower Upper

43 100

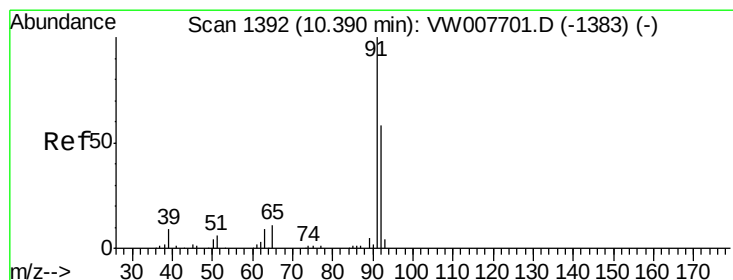
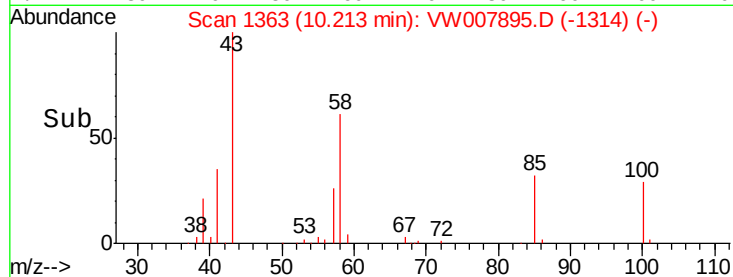
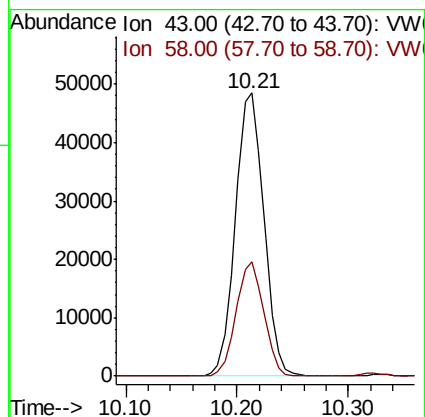
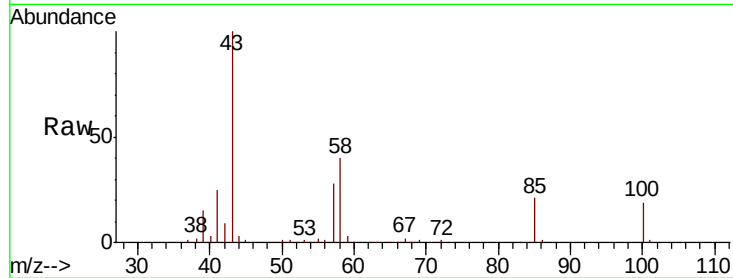
58 39.3 33.2 49.8

Manual Integrations

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12/26/2018 4:39:15 PM



#52

Toluene

Concen: 45.653 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007895.D

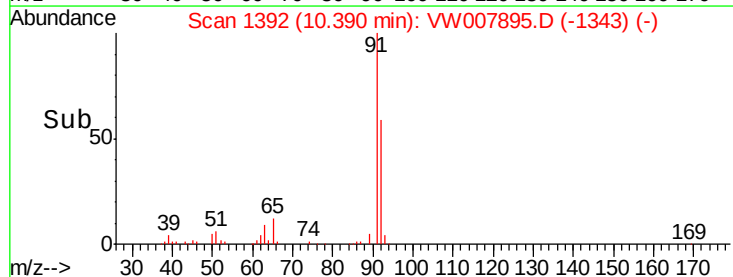
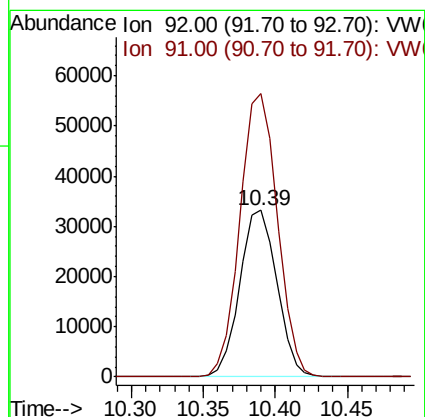
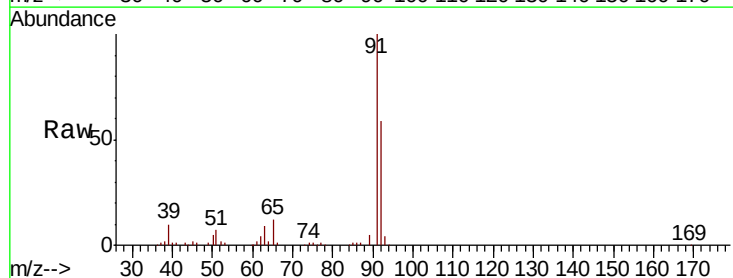
Acq: 24 Dec 2018 18:01

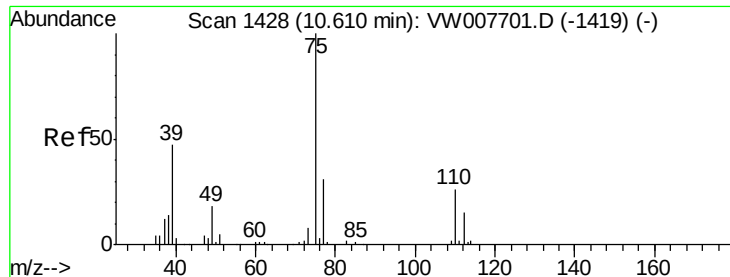
Tgt Ion: 92 Resp: 59679

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.334 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 75 Resp: 35723

Ion Ratio Lower Upper

75 100

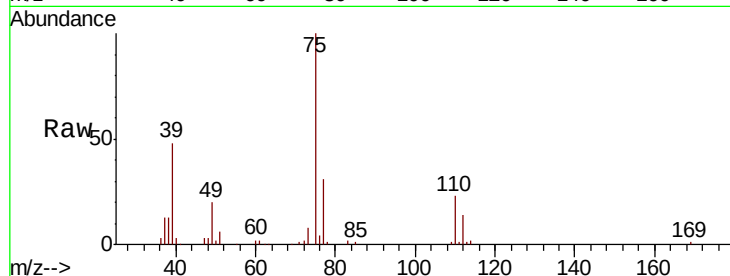
77 30.8 25.2 37.8

Manual Integrations

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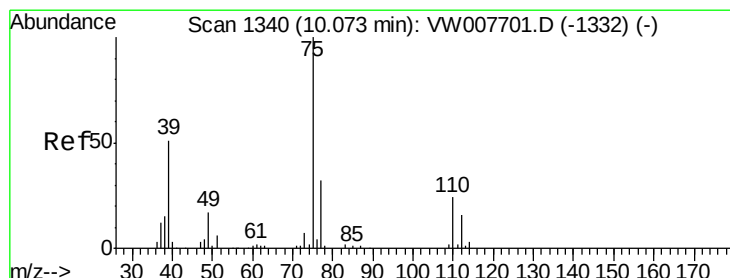
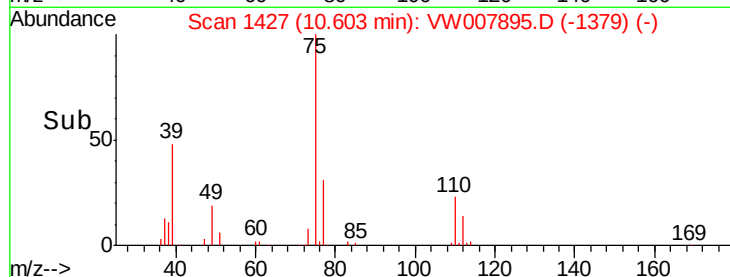
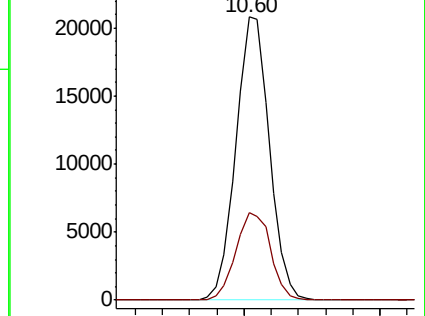
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 52.724 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

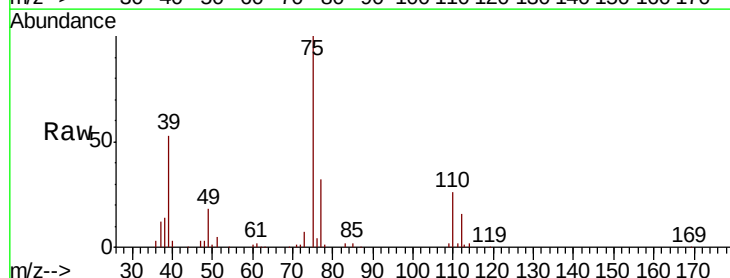
Tgt Ion: 75 Resp: 40527

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

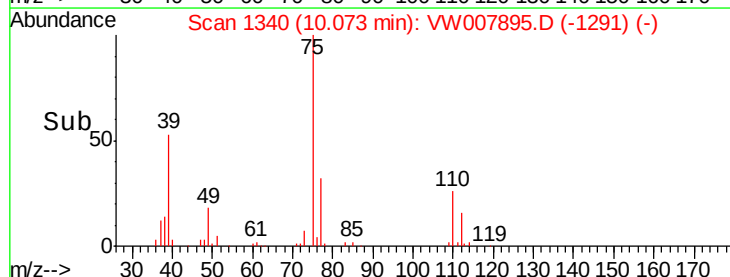
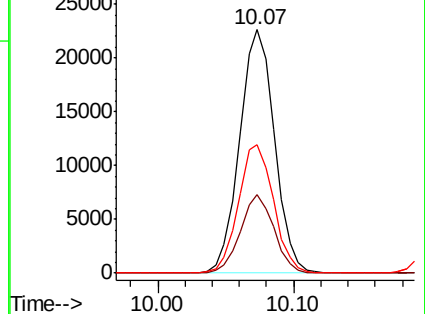
39 52.6 41.2 61.8

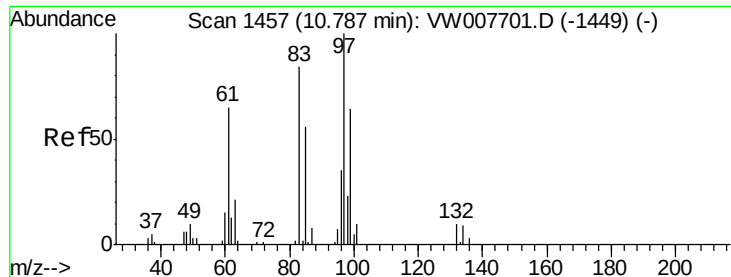


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





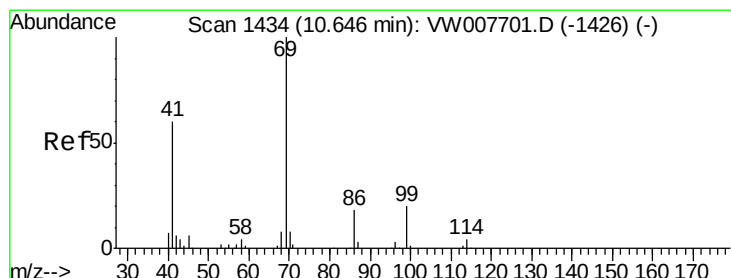
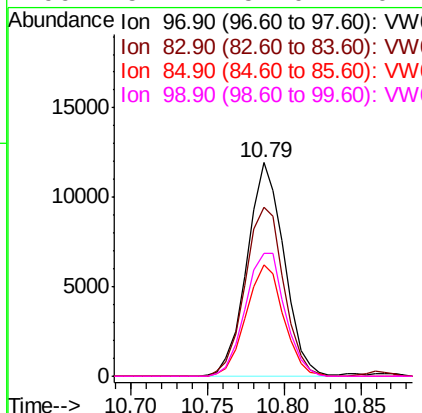
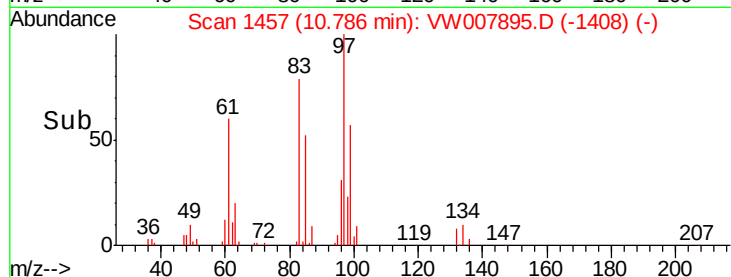
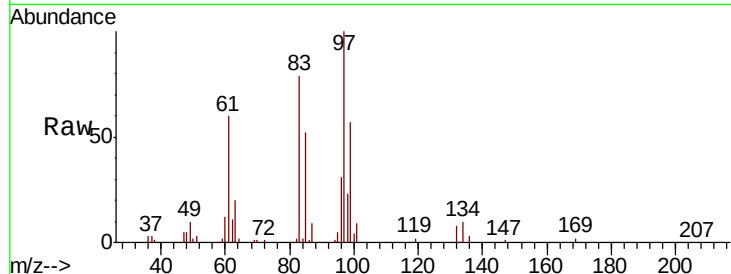
#55
 1,1,2-Trichloroethane
 Concen: 55.018 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.5	101.3
85	52.0	44.8	67.2
99	57.4	51.0	76.4

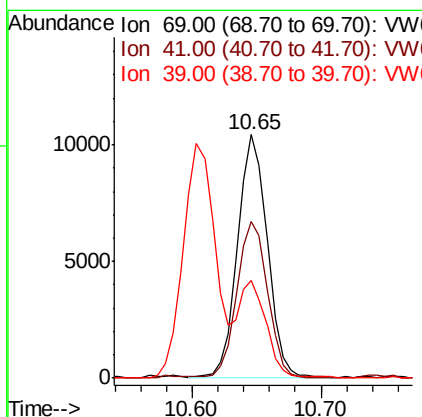
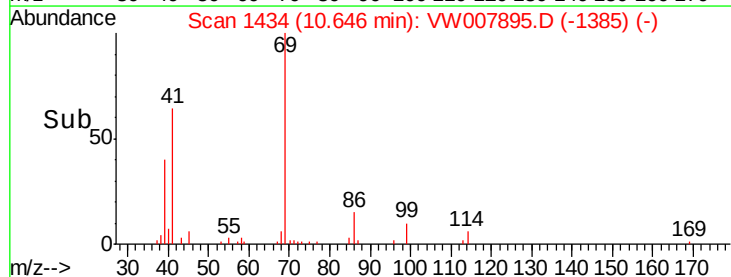
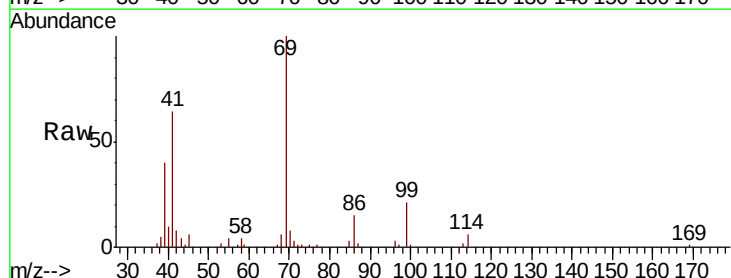
Manual Integrations
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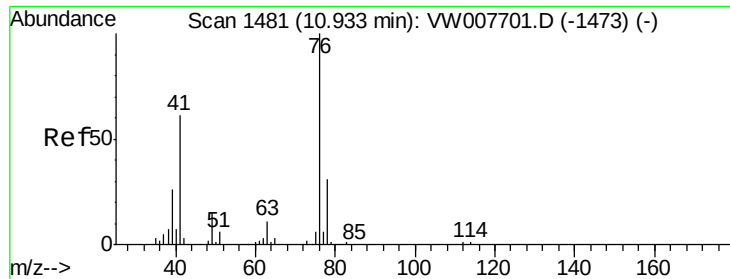
MMDadoda
 12/26/2018 4:39:15 PM



#56
 Ethyl methacrylate
 Concen: 38.720 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	48.9	73.3
39	38.6	31.3	46.9





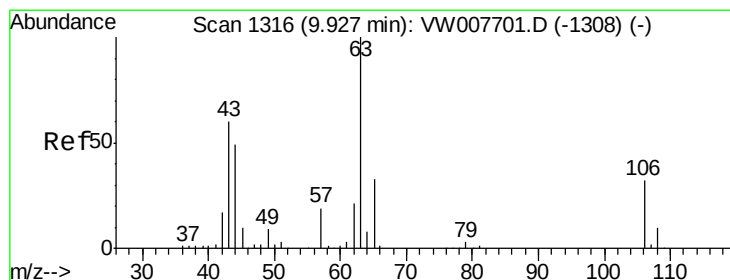
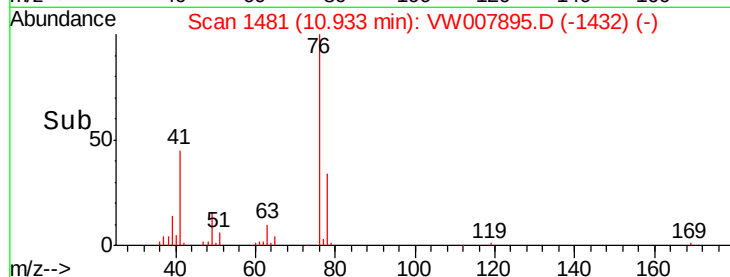
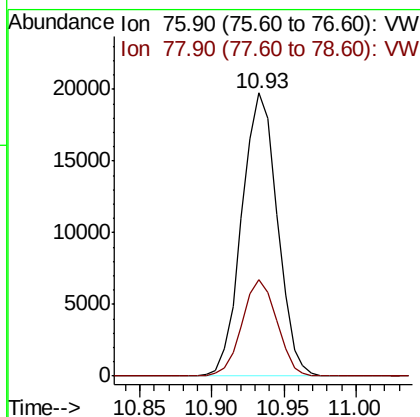
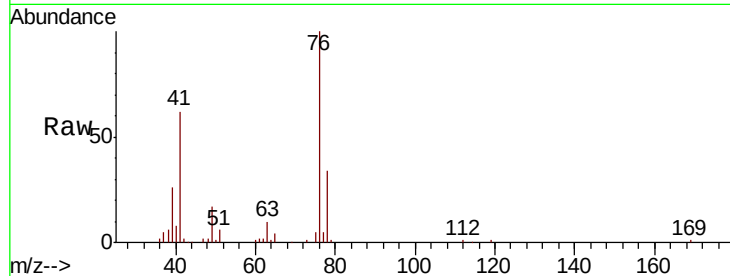
#57
 1,3-Dichloropropane
 Concen: 55.353 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion: 76 Resp: 33722
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.2

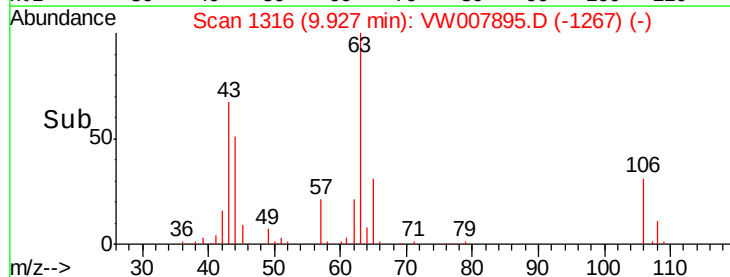
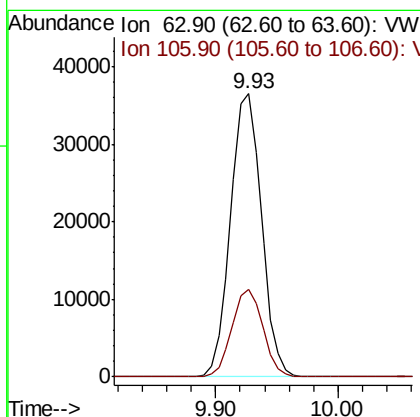
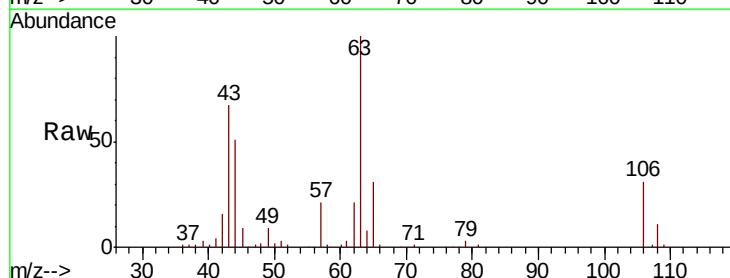
Manual Integrations
 APPROVED

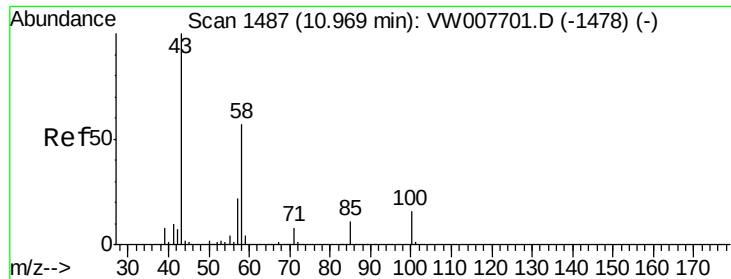
MMDadoda
 12/26/2018 4:39:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 322.859 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 63 Resp: 63897
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.9 38.9





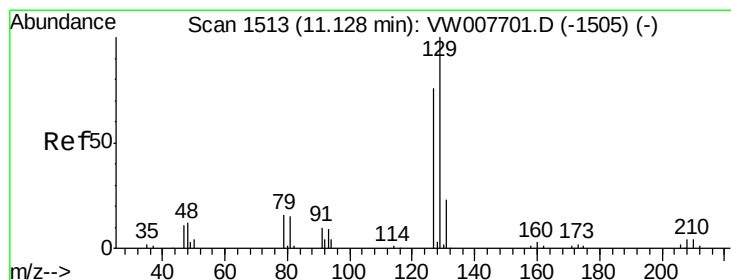
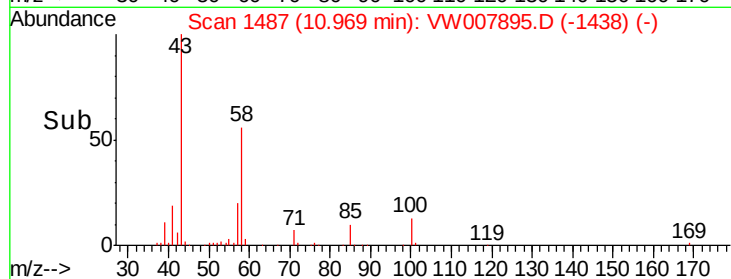
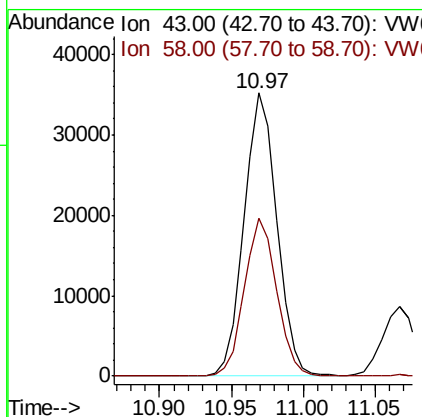
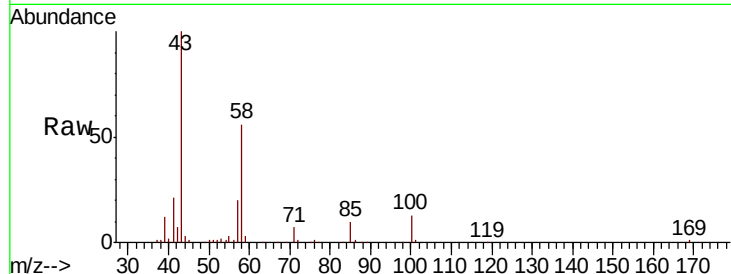
#59
2-Hexanone
Concen: 330.089 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion: 43 Resp: 55385
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

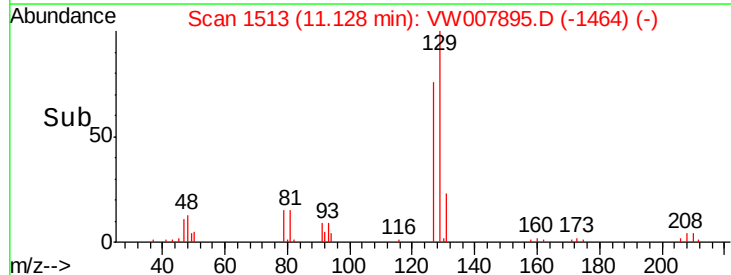
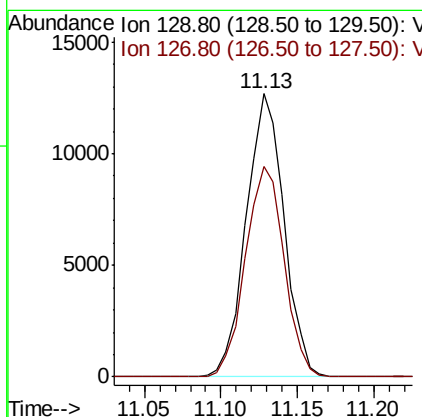
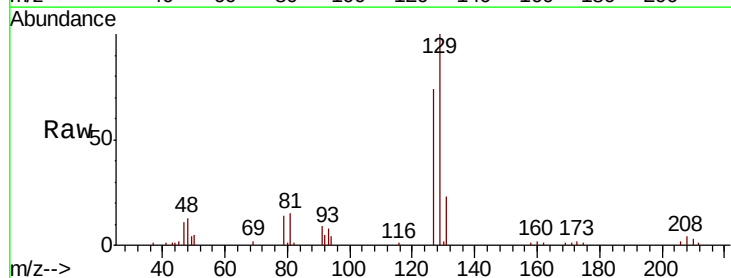
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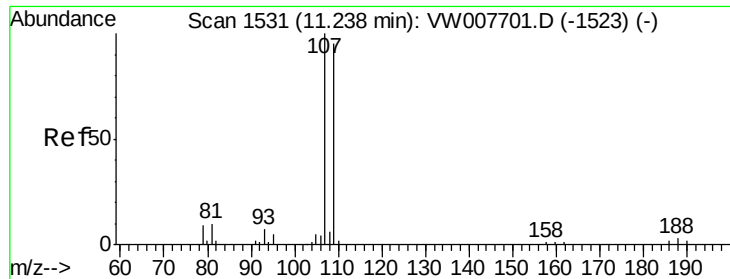
MMDadoda
12/26/2018 4:39:15 PM



#60
Dibromochloromethane
Concen: 44.795 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:129 Resp: 21760
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





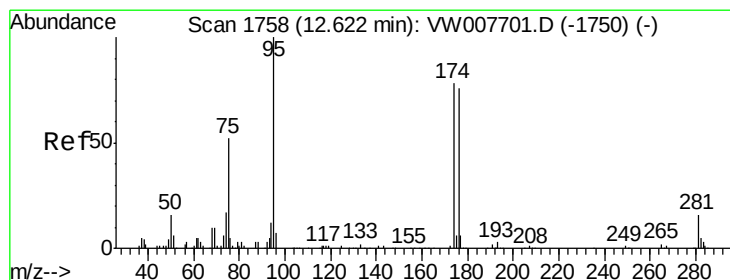
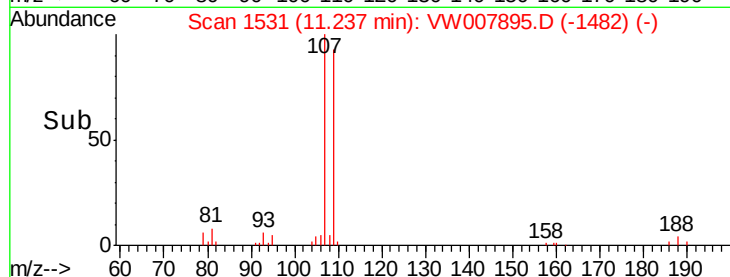
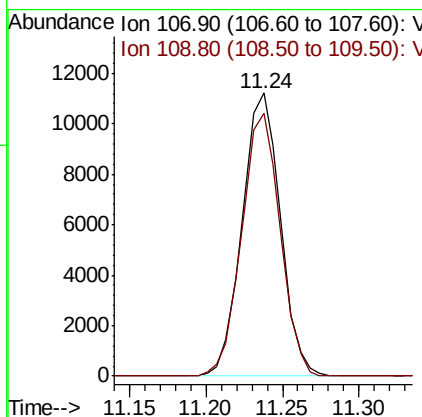
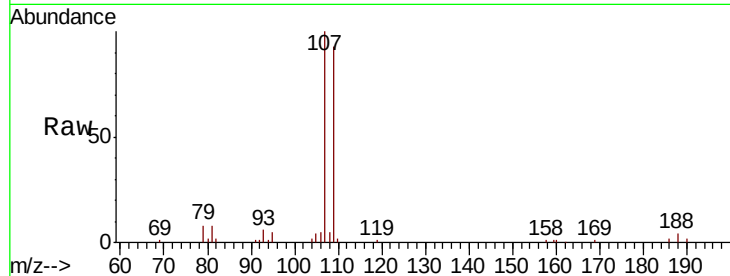
#61
 1,2-Dibromoethane
 Concen: 52.414 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion: 107 Resp: 19473
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.0

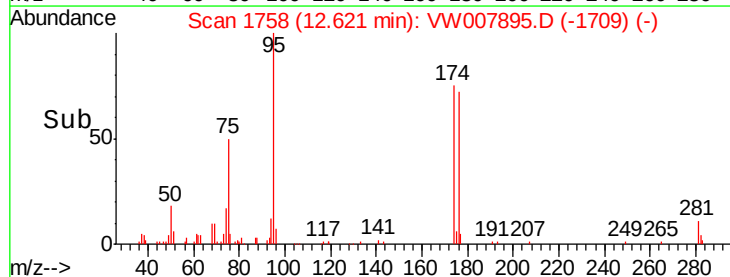
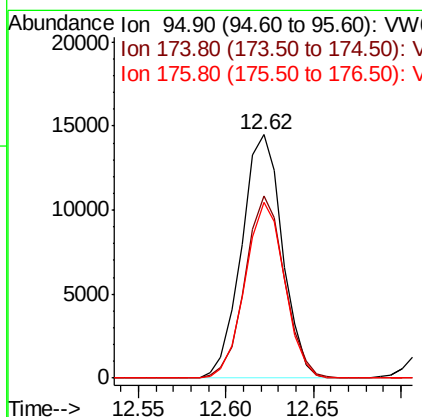
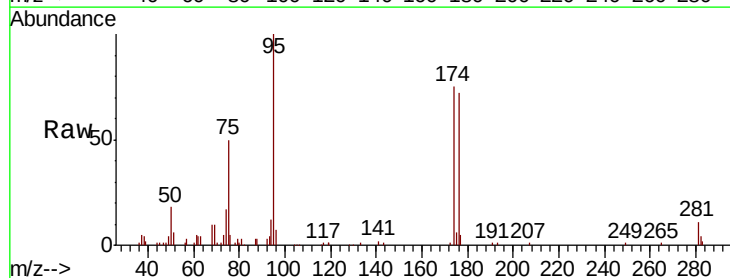
Manual Integrations
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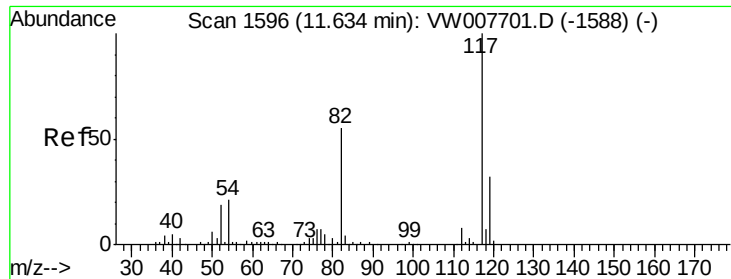
MMDadoda
 12/26/2018 4:39:15 PM



#62
 4-Bromofluorobenzene
 Concen: 35.133 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 95 Resp: 23613
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 152.2
 176 69.6 0.0 146.8





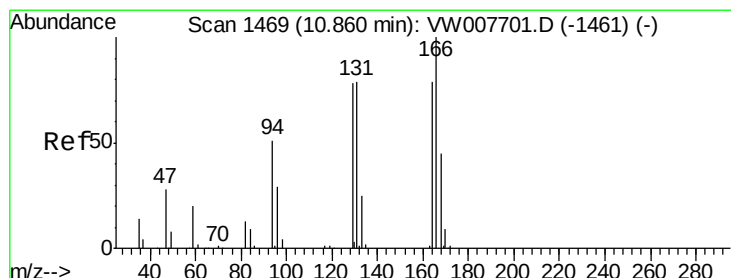
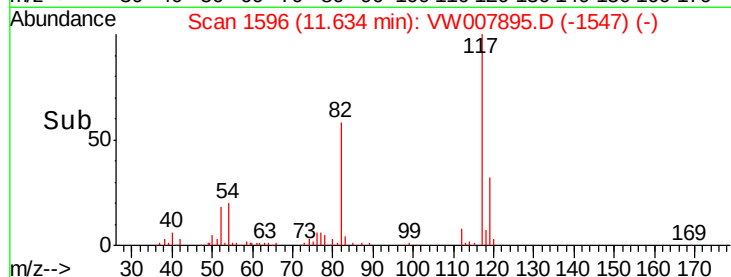
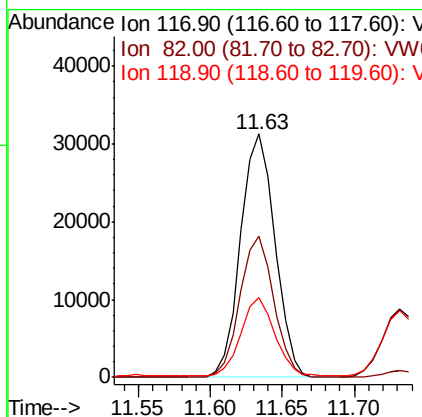
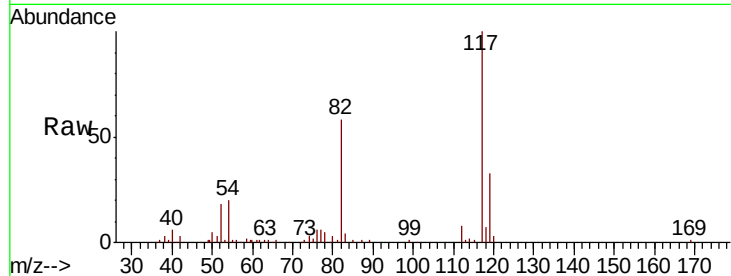
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.3	66.5
119	32.0	25.7	38.5

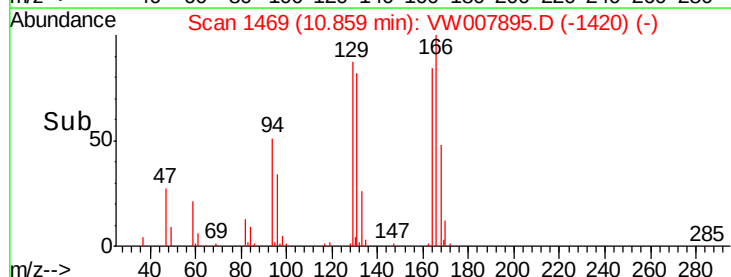
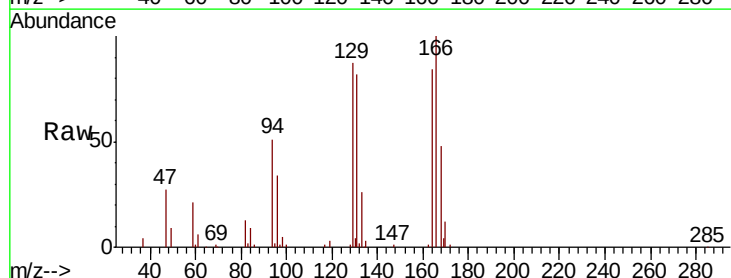
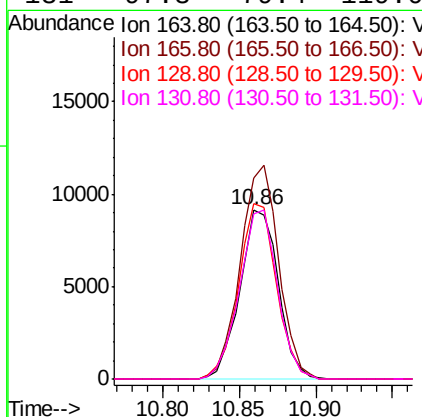
Manual Integrations
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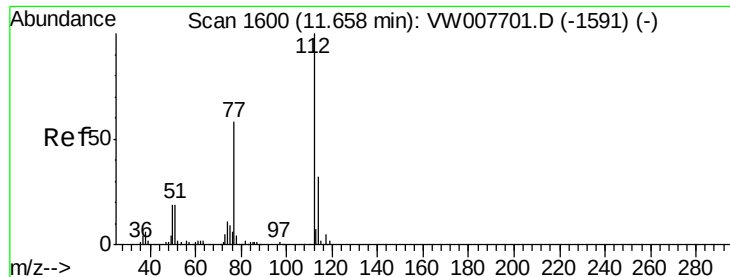
MMDadoda
12/26/2018 4:39:15 PM



#64
Tetrachloroethene
Concen: 43.417 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.6	101.0	151.6
129	103.8	78.7	118.1
131	97.3	79.4	119.0





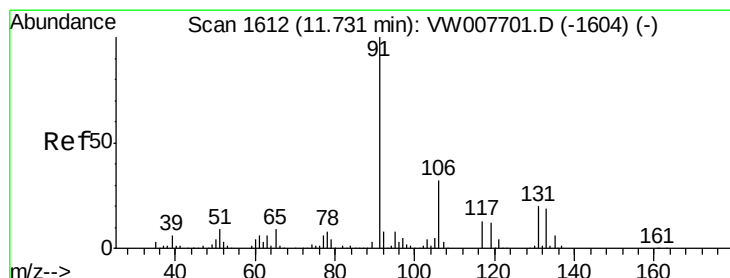
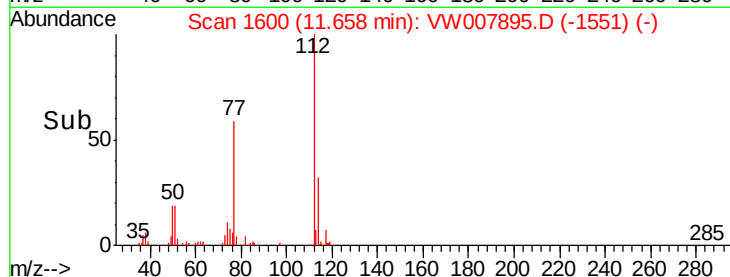
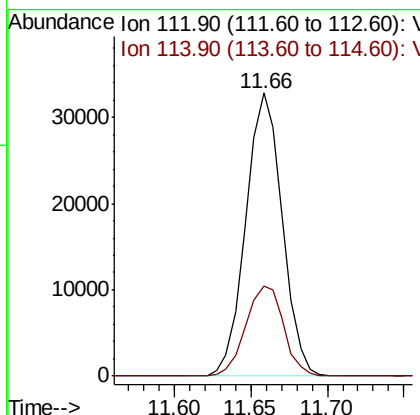
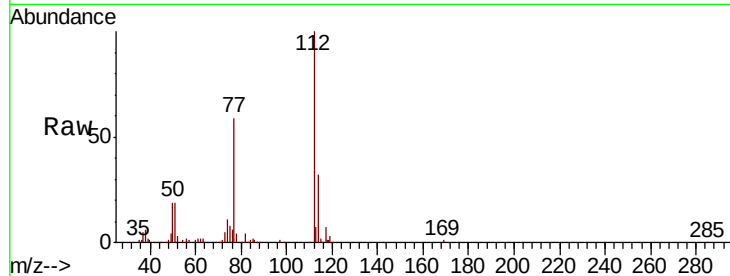
#65
Chlorobenzene
Concen: 48.487 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion:112 Resp: 54404
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8

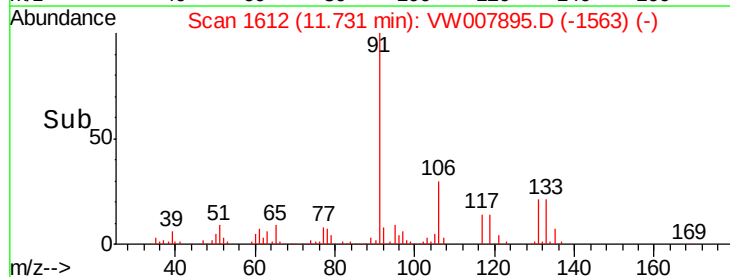
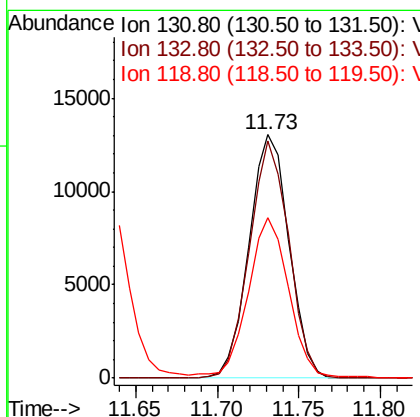
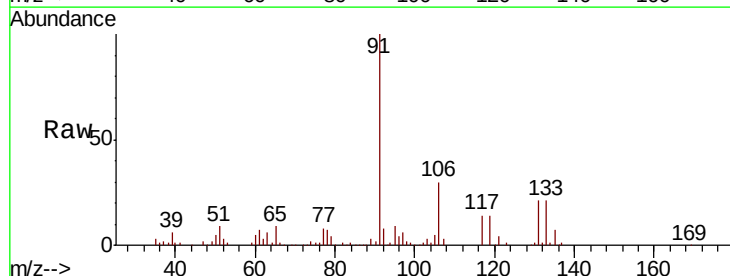
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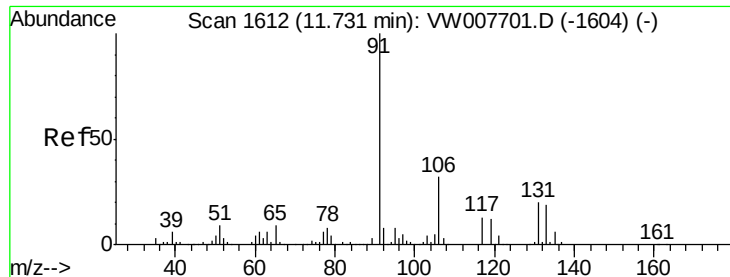
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.437 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:131 Resp: 22226
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 67.5 30.2 90.6





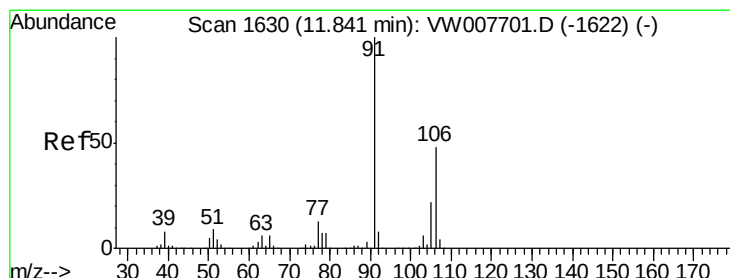
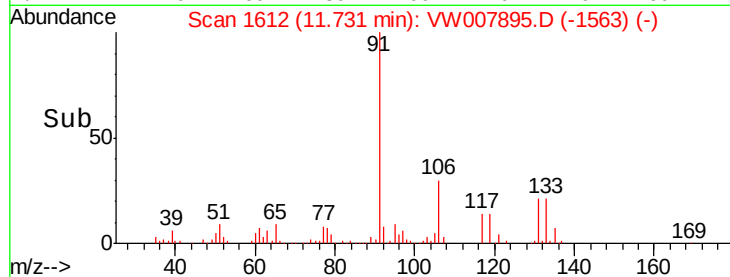
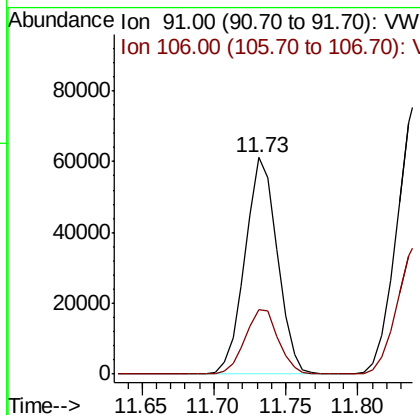
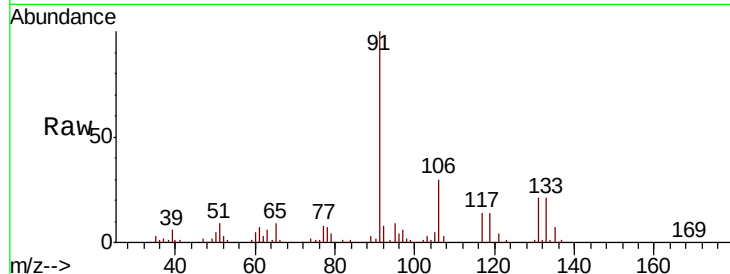
#67
Ethyl Benzene
Concen: 49.322 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion: 91 Resp: 94966
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8

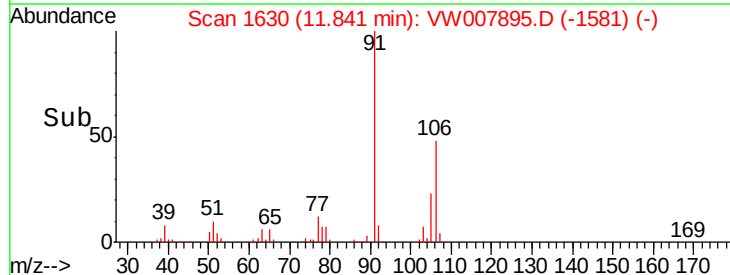
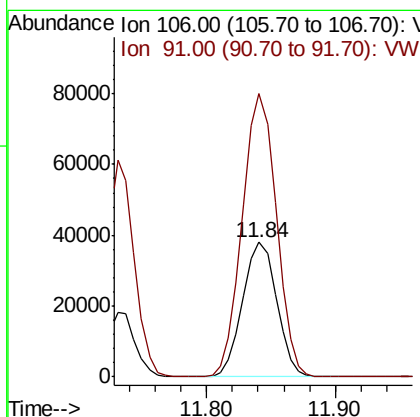
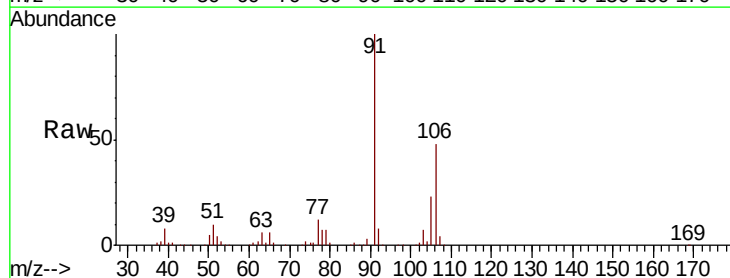
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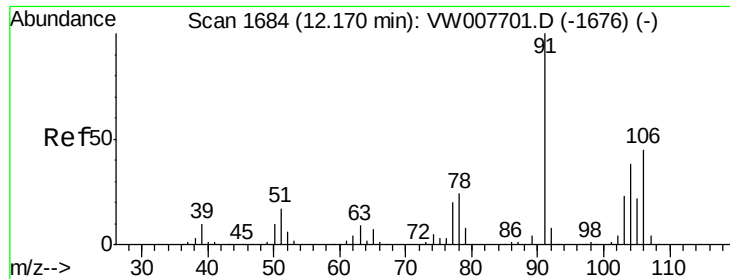
MMDadoda
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#68
m/p-Xylenes
Concen: 93.720 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 106 Resp: 69999
Ion Ratio Lower Upper
106 100
91 209.9 165.2 247.8





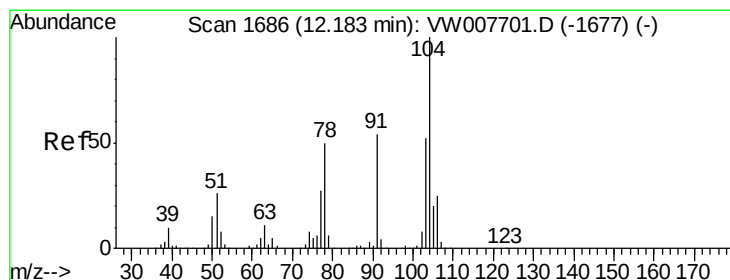
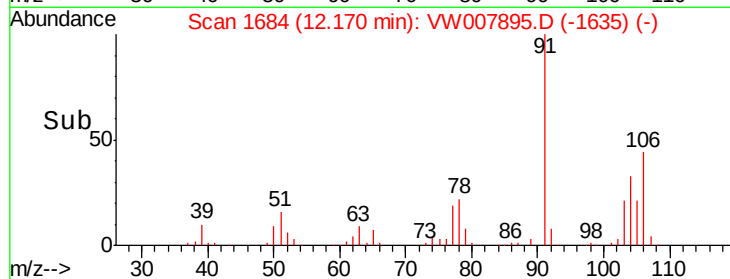
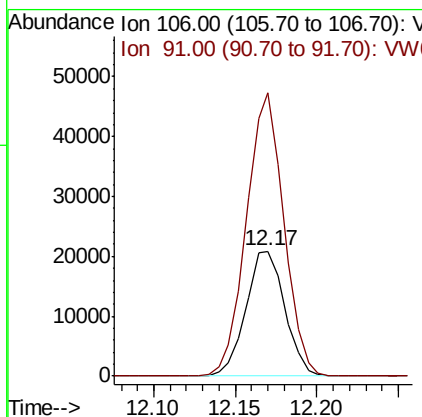
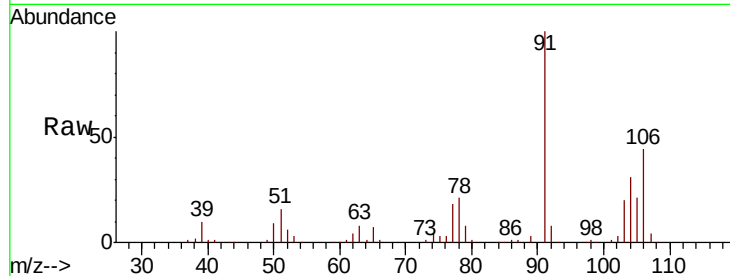
#69
o-Xylene
Concen: 49.226 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion:106 Resp: 34464
Ion Ratio Lower Upper
106 100
91 219.0 110.5 331.4

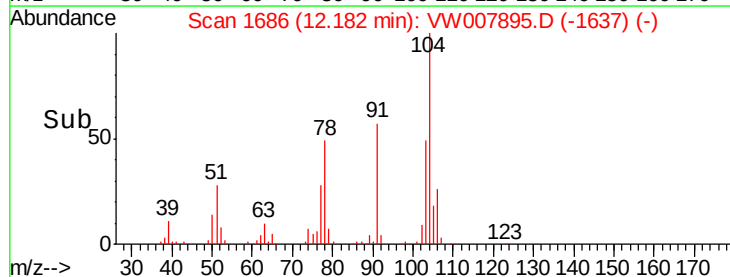
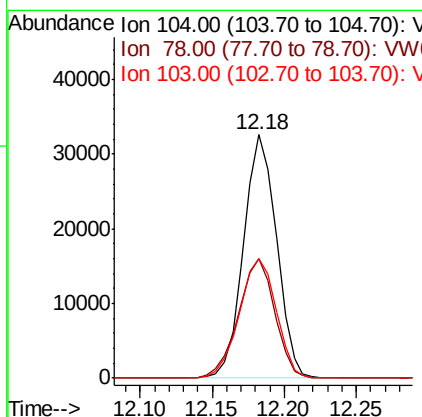
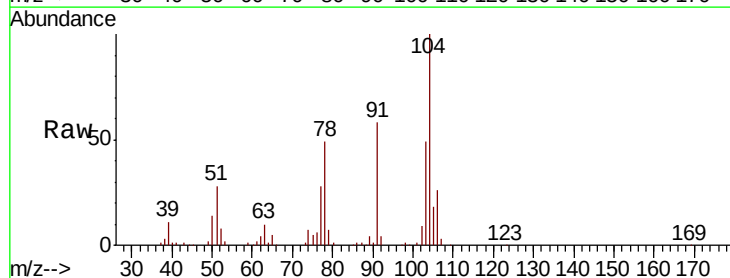
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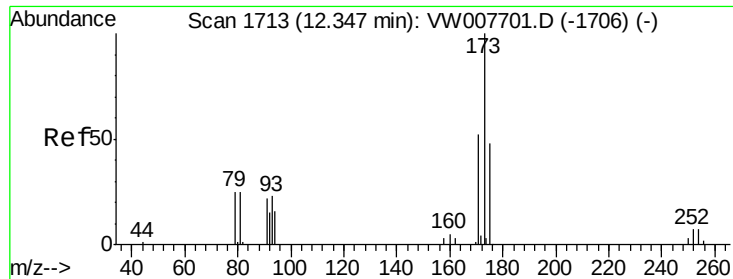
MMDadoda
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#70
Styrene
Concen: 44.924 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:104 Resp: 51701
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.0
103 55.1 44.5 66.7





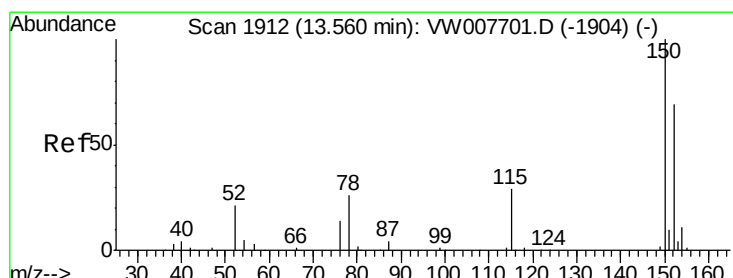
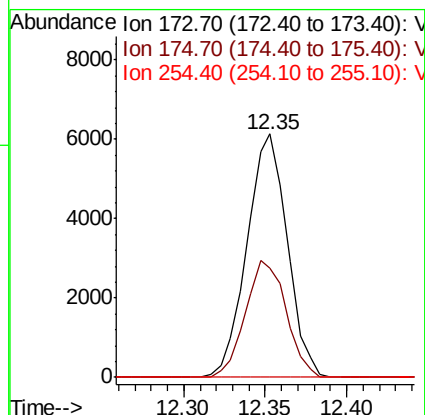
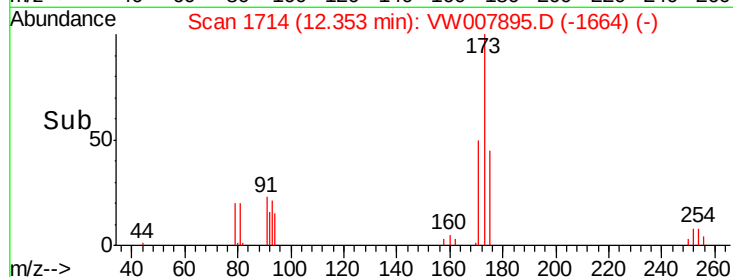
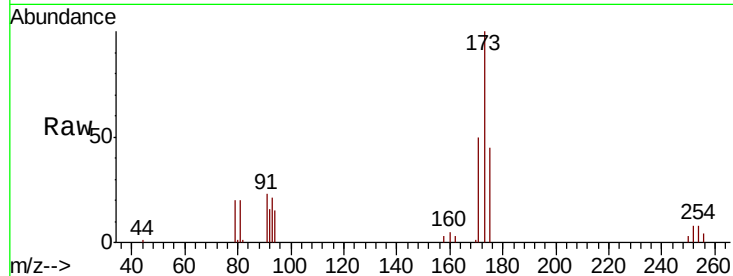
#71
Bromoform
Concen: 50.527 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.7
254	0.0	0.0	0.0

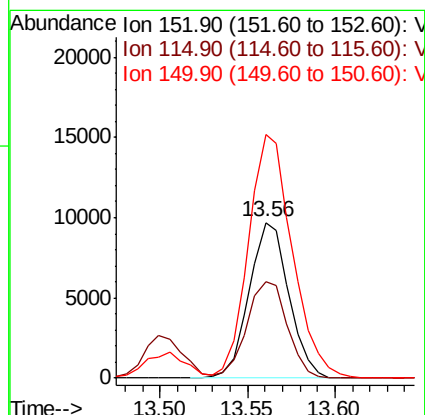
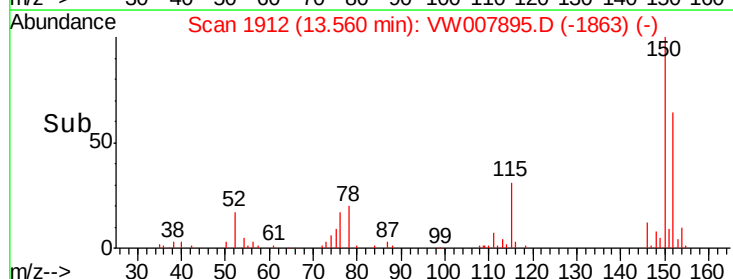
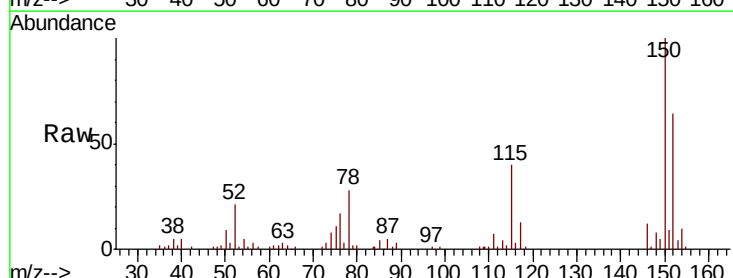
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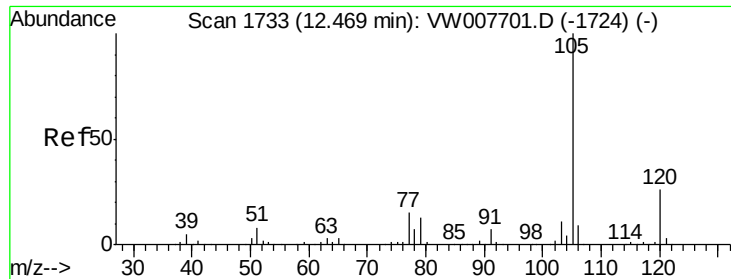
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.8	95.4
150	173.1	0.0	350.8





#73

Isopropylbenzene

Concen: 70.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:105 Resp: 81124

Ion Ratio Lower Upper

105 100

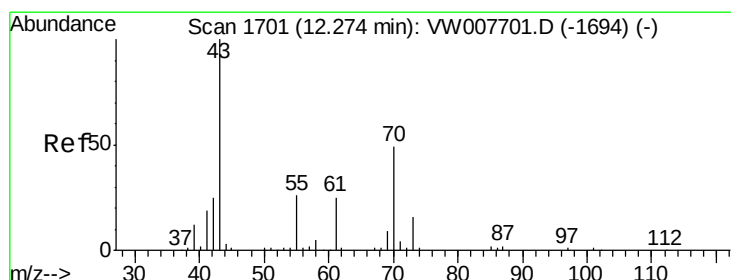
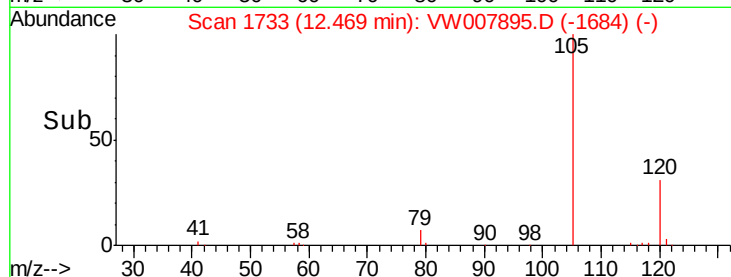
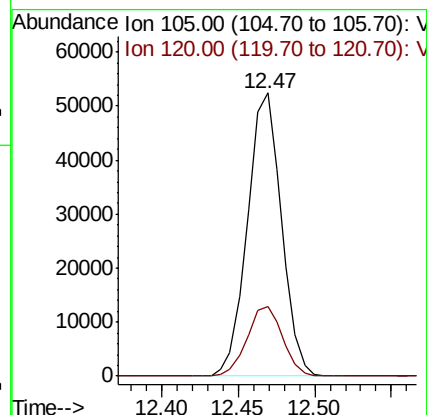
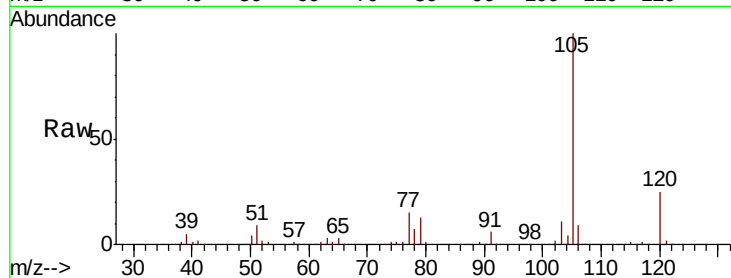
120 25.6 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 56.299 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion: 43 Resp: 11264

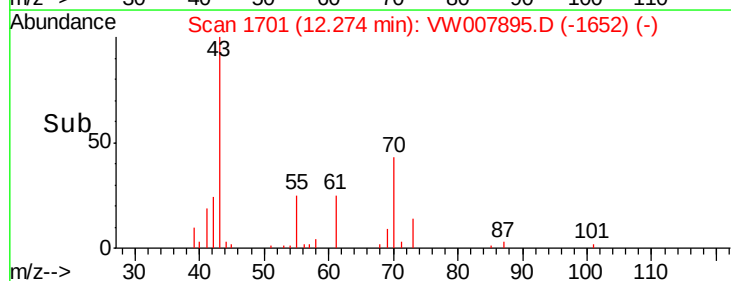
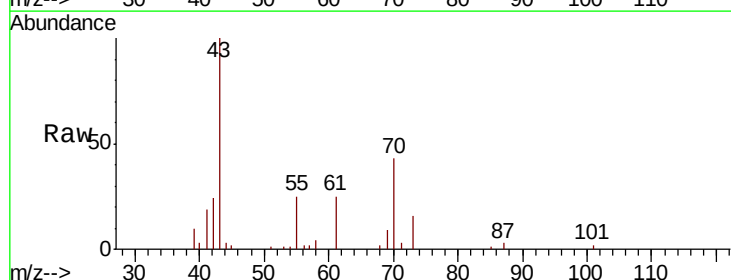
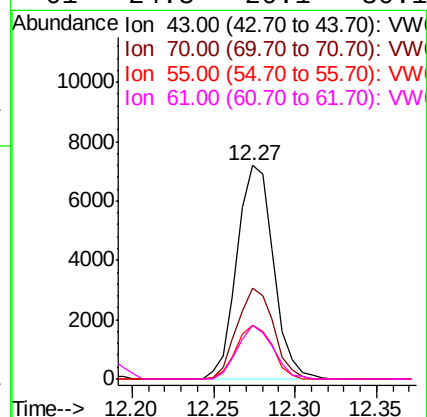
Ion Ratio Lower Upper

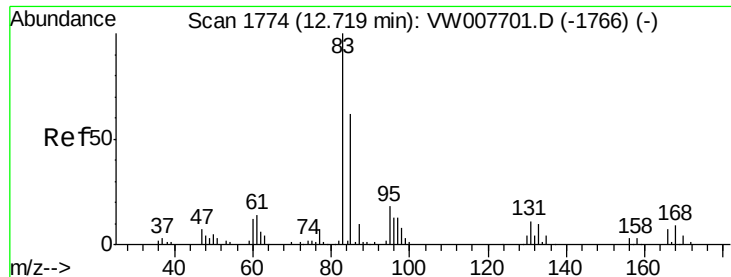
43 100

70 42.5 37.6 56.4

55 24.8 21.7 32.5

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 103.987 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

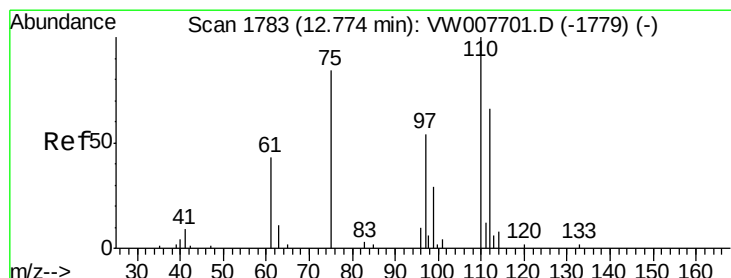
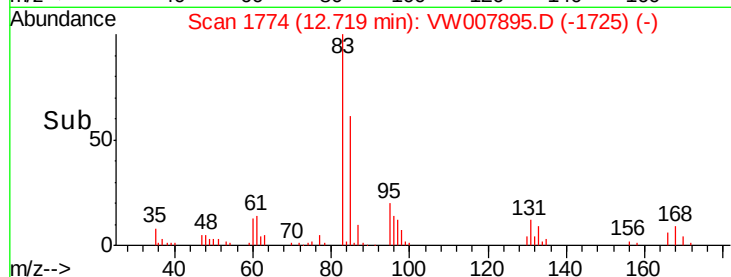
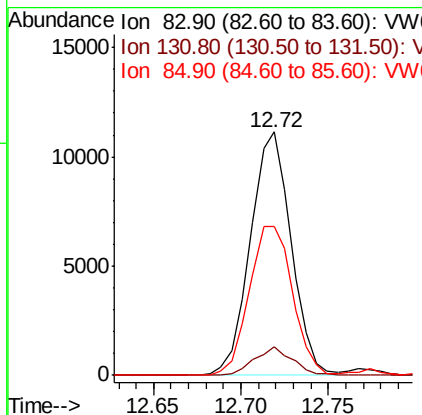
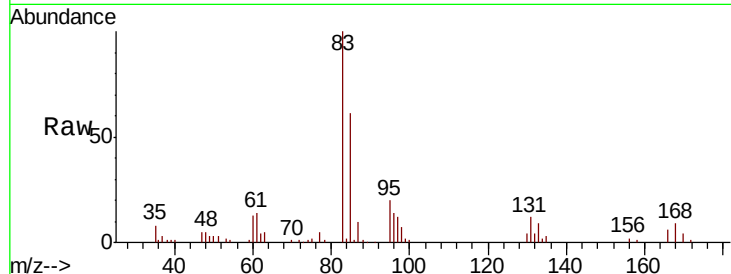
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	83	Resp:	18009
Ion Ratio	Lower	Upper	
83	100		
131	11.0	6.3	18.8
85	65.4	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 150.845 ug/l m

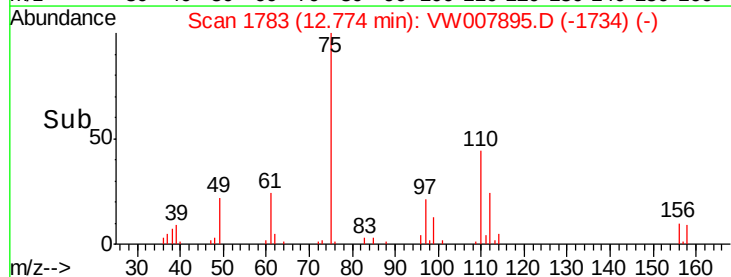
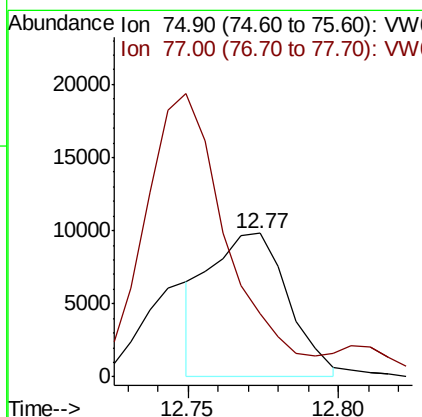
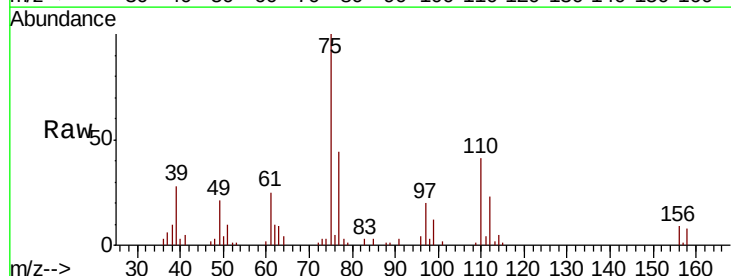
RT: 12.77 min Scan# 1783

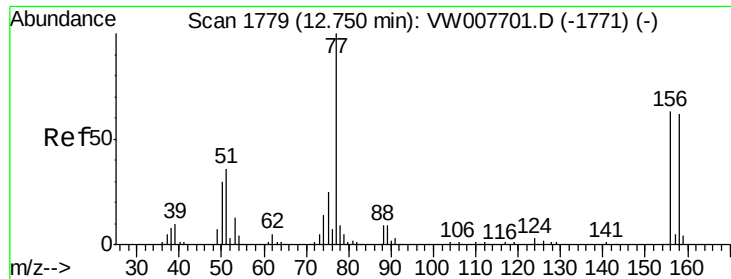
Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion:	75	Resp:	17816
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 68.096 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

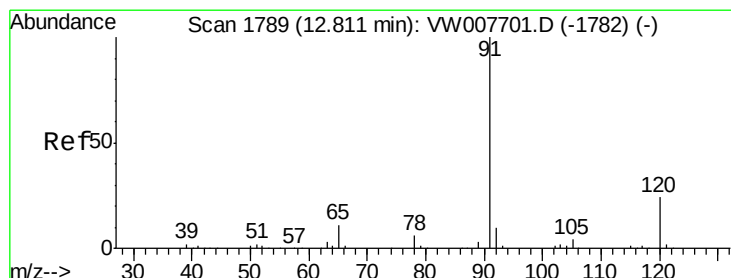
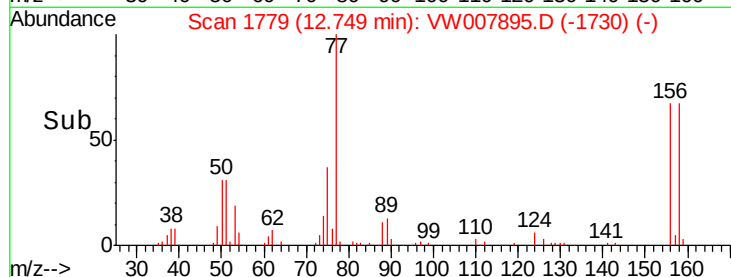
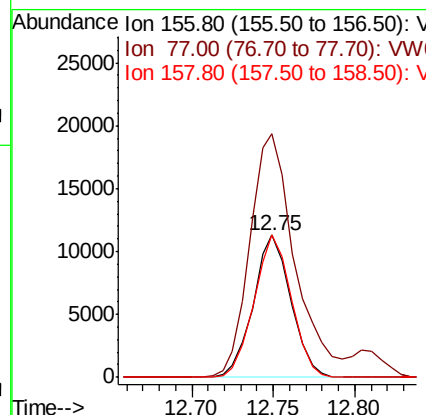
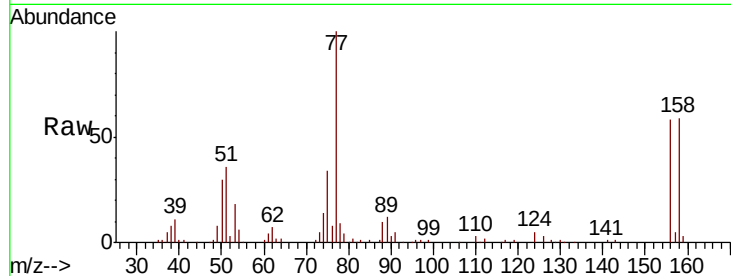
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion	156	Resp	18026
Ion Ratio	Lower	Upper	
156	100		
77	205.7	87.4	262.1
158	99.2	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 59.242 ug/l

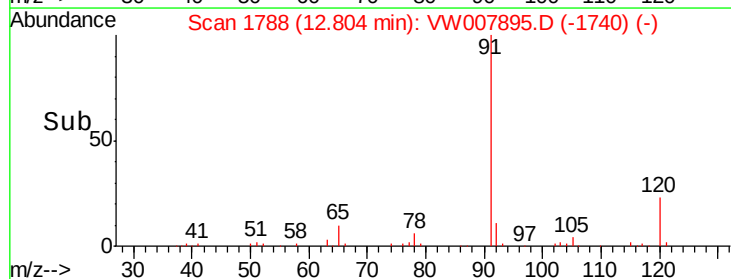
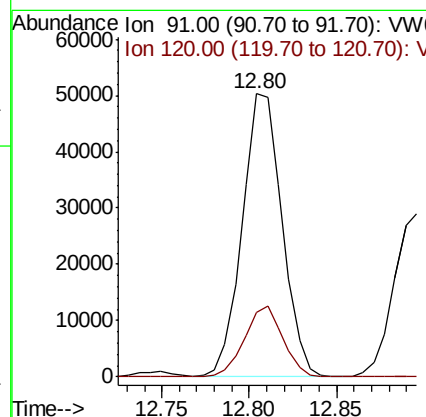
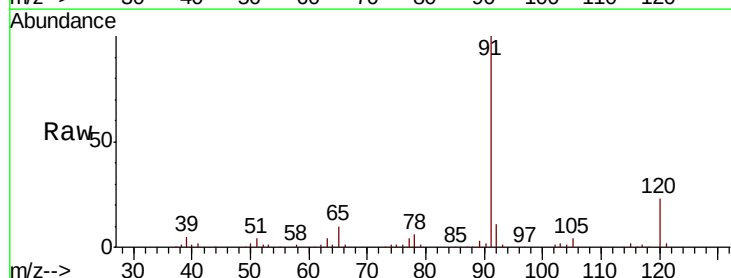
RT: 12.80 min Scan# 1788

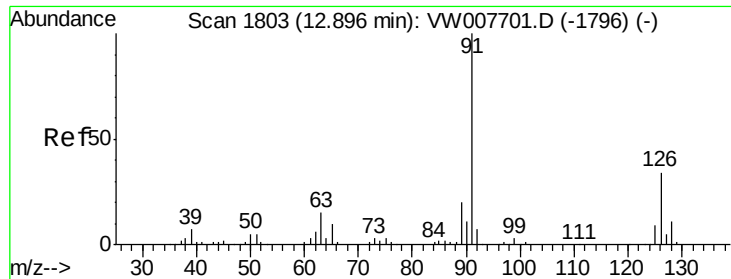
Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion	91	Resp	79656
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.7





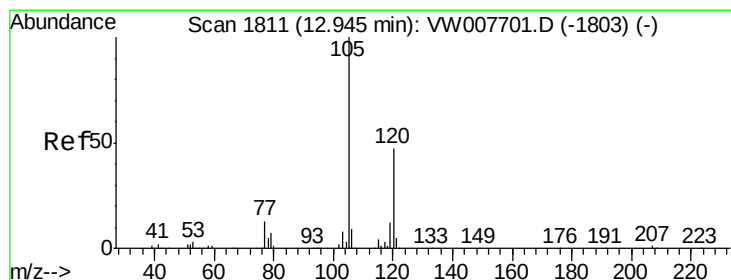
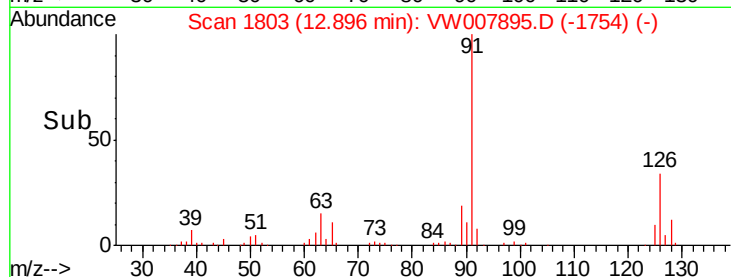
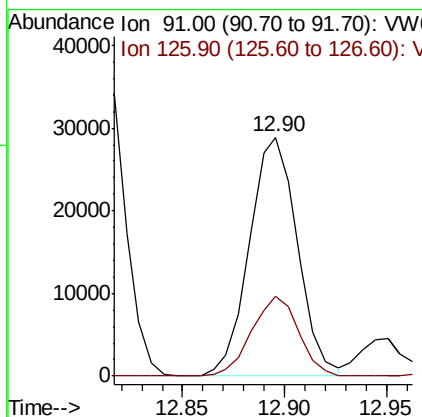
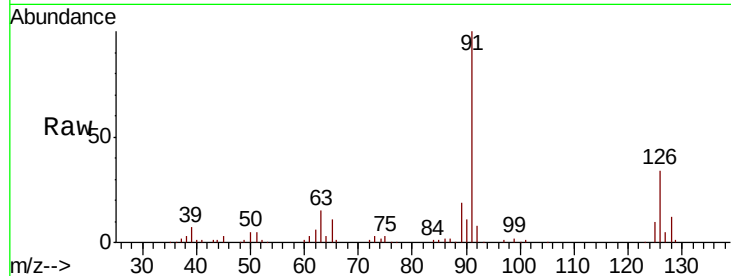
#79
2-Chlorotoluene
Concen: 60.478 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion: 91 Resp: 47371
Ion Ratio Lower Upper
91 100
126 32.5 17.0 51.0

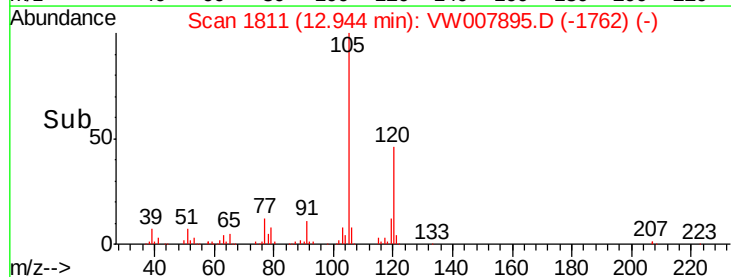
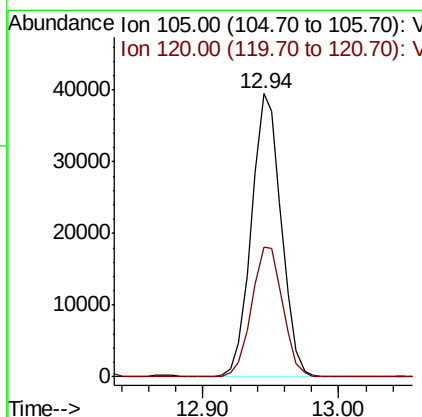
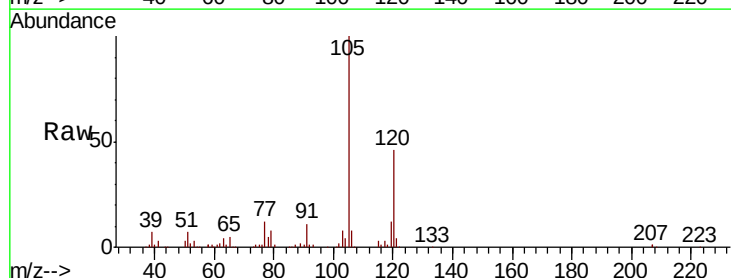
Manual Integrations
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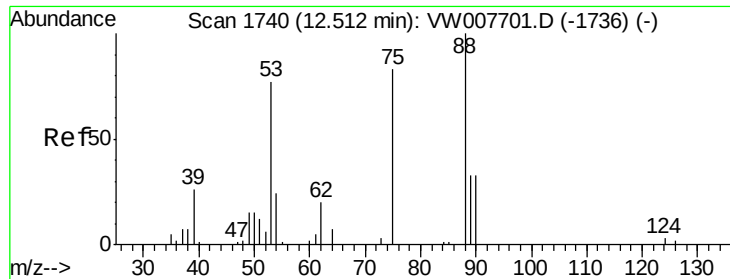
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 60.849 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 105 Resp: 60626
Ion Ratio Lower Upper
105 100
120 47.9 23.6 70.8





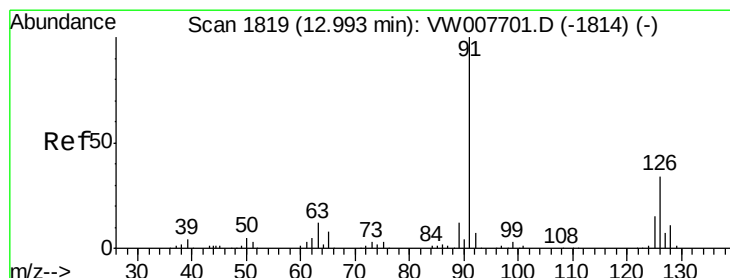
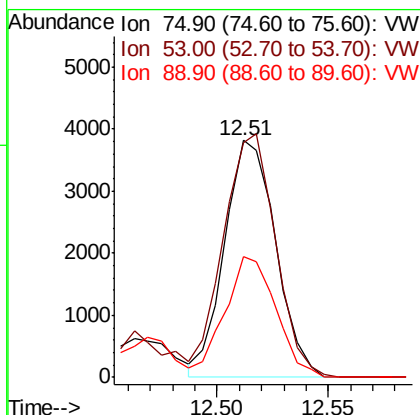
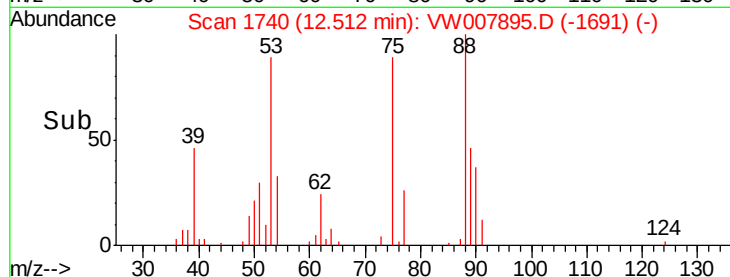
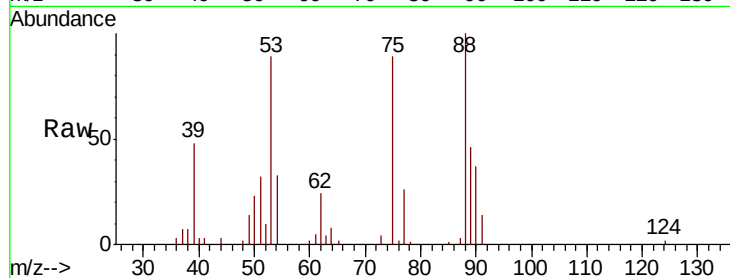
#81
trans-1,4-Dichloro-2-butene
Concen: 108.519 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	80.2	120.2
89	51.2	39.2	58.8

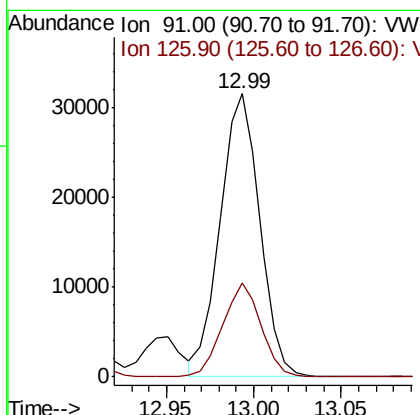
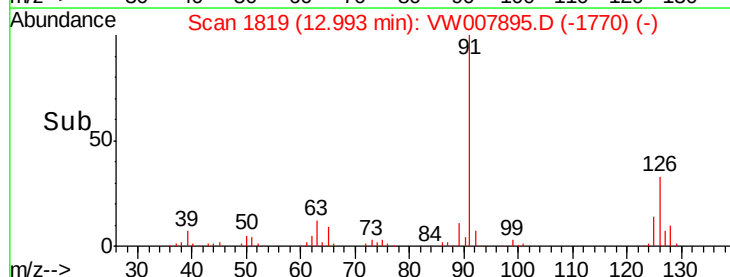
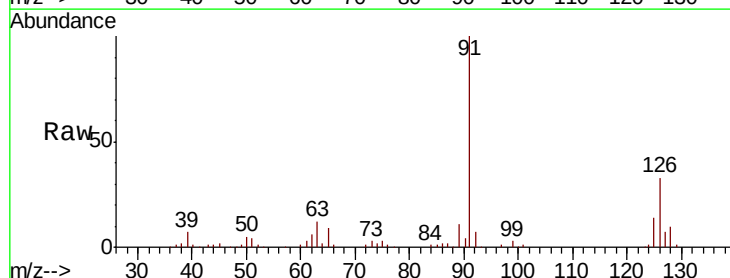
Manual Integrations
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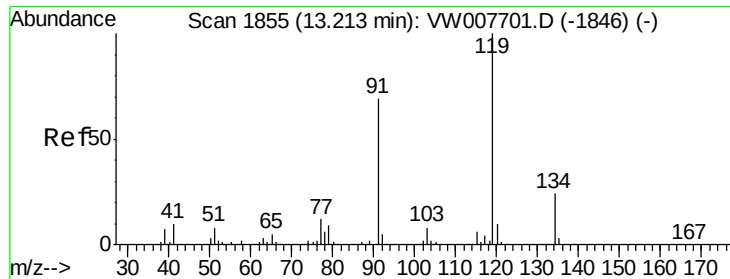
MMDadoda
12/26/2018 4:39:15 PM



#82
4-Chlorotoluene
Concen: 59.446 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.5	49.5





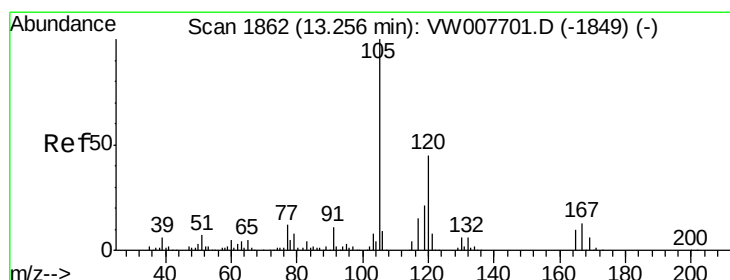
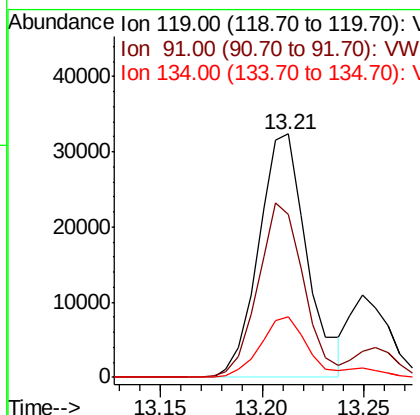
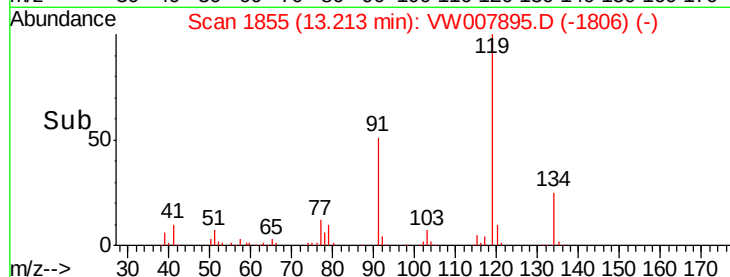
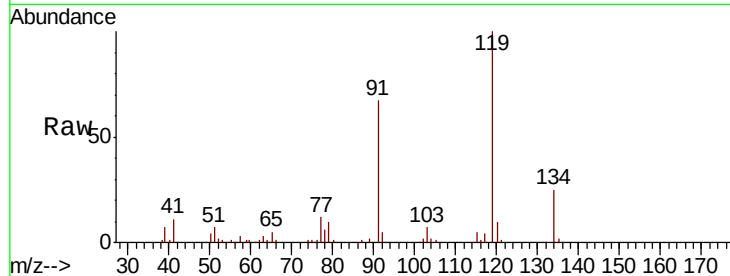
#83
tert-Butylbenzene
Concen: 61.008 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	34.2	102.5
134	23.9	12.8	38.4

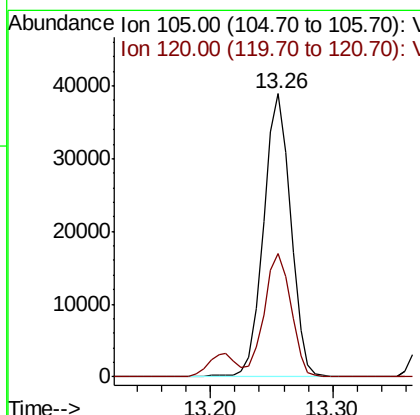
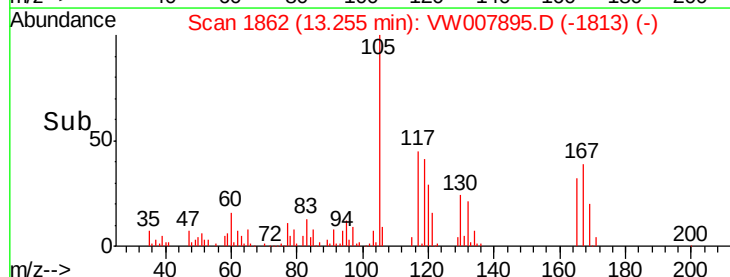
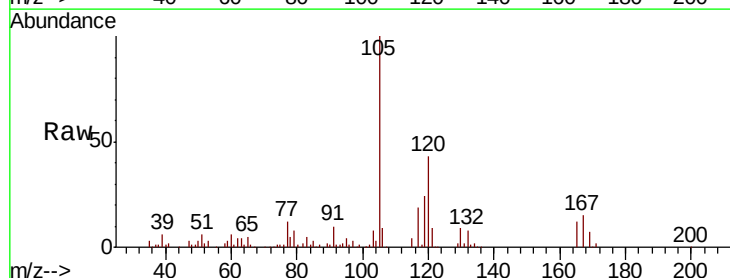
Manual Integrations
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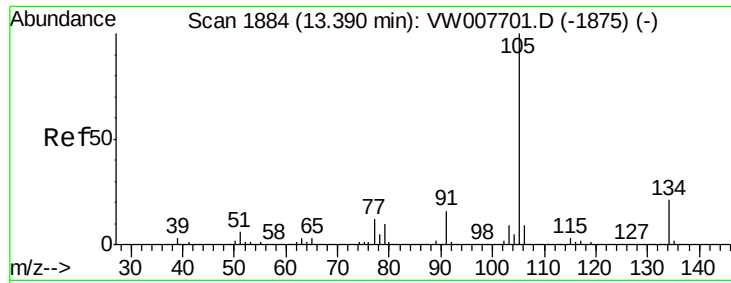
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#84
1,2,4-Trimethylbenzene
Concen: 59.864 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.0	66.0





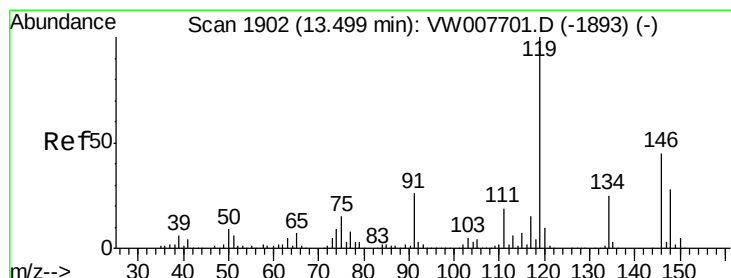
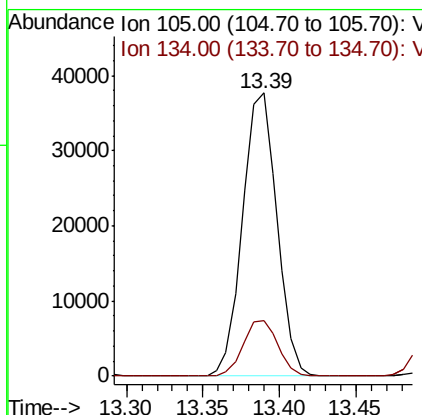
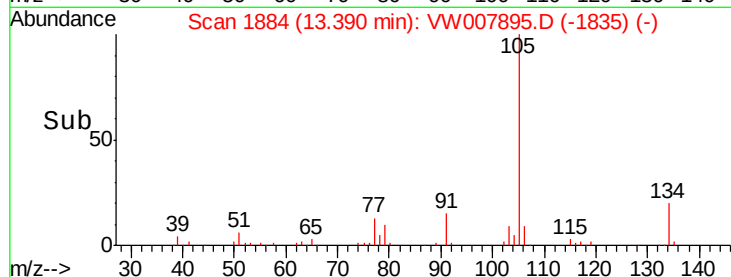
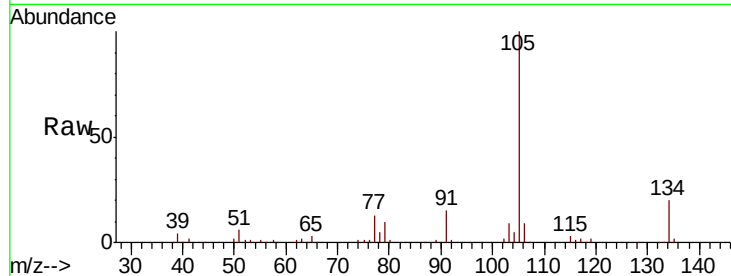
#85
 sec-Butylbenzene
 Concen: 48.937 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion:105 Resp: 58960
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

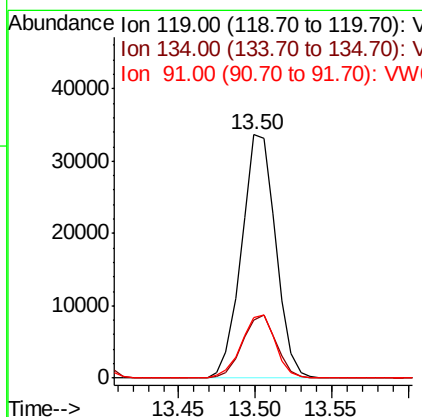
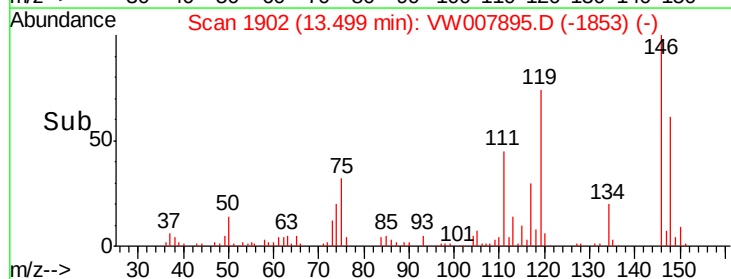
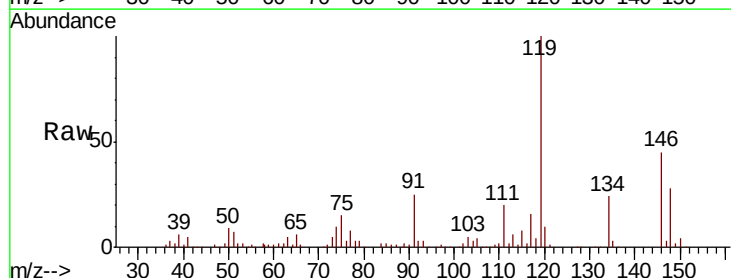
Manual Integrations
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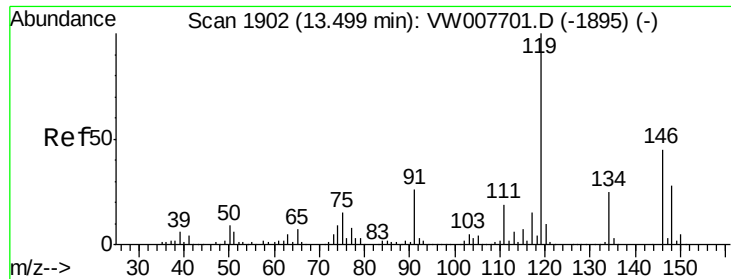
MMDadoda
 12/26/2018 4:39:15 PM



#86
 p-Isopropyltoluene
 Concen: 47.601 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion:119 Resp: 52150
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.7 12.8 38.4





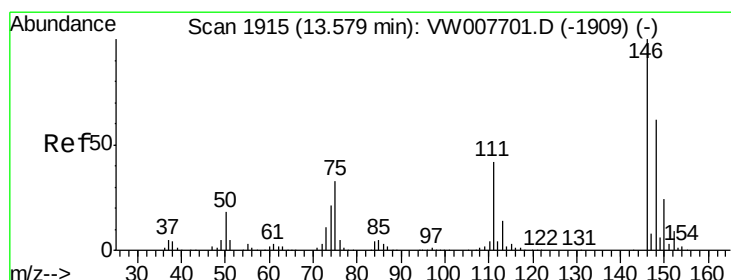
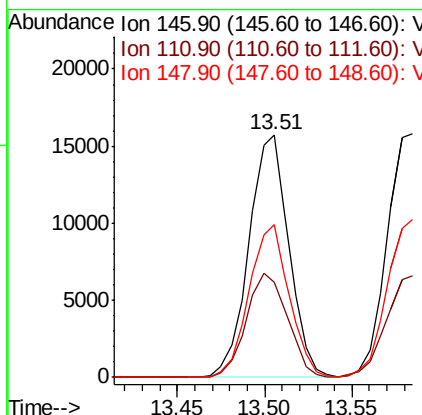
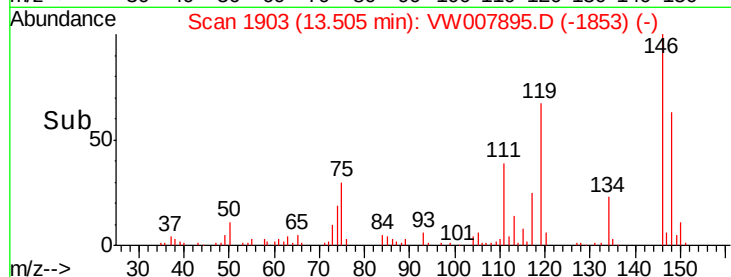
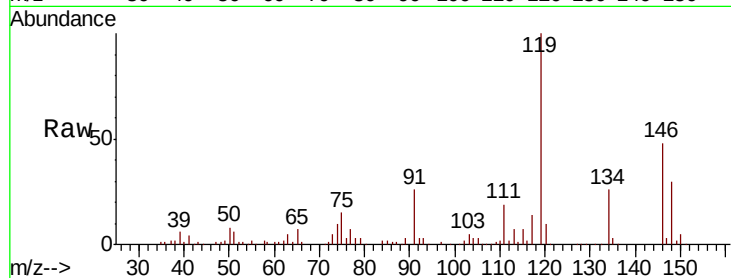
#87
 1,3-Dichlorobenzene
 Concen: 47.511 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.4
148	62.9	32.1	96.5

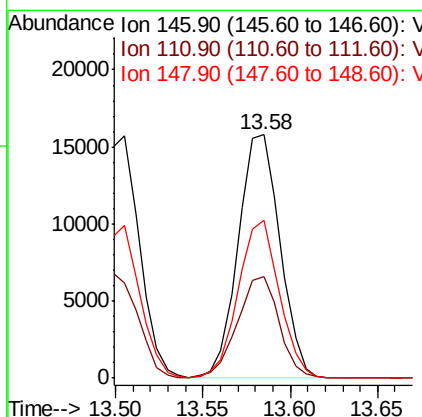
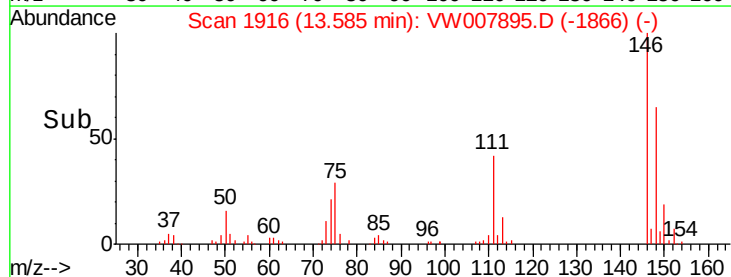
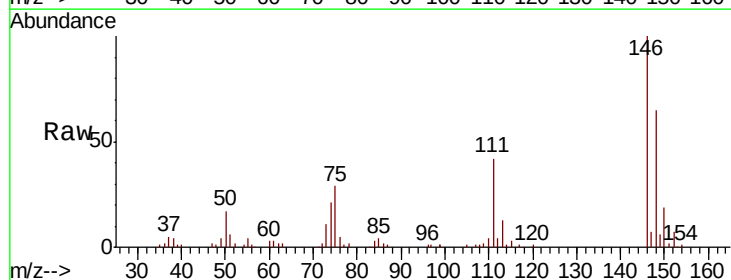
Manual Integrations
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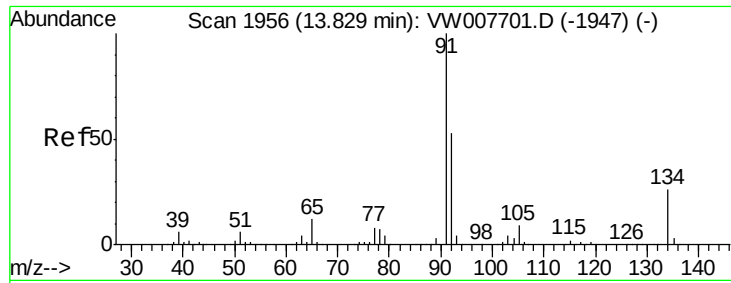
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 12/26/2018 4:39:15 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.947 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	63.7	31.8	95.4





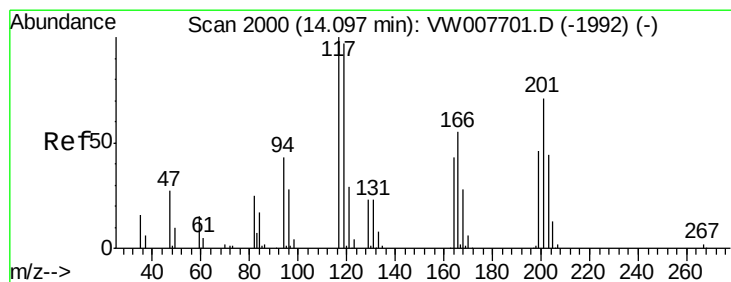
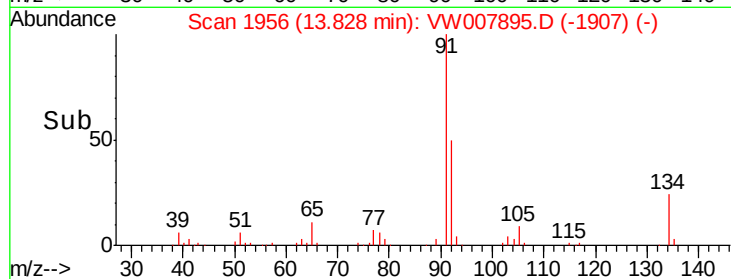
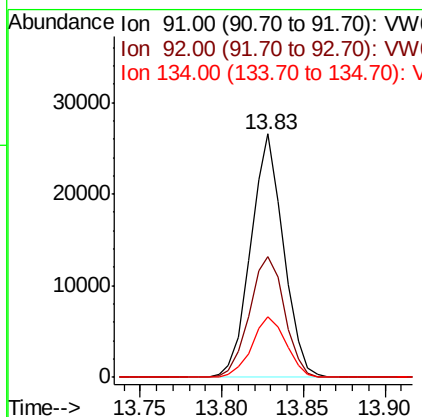
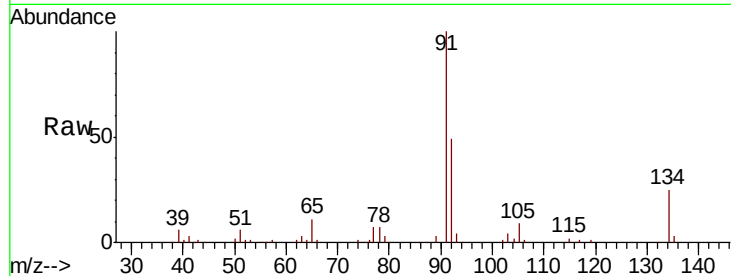
#89
n-Butylbenzene
Concen: 37.004 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.0	13.7	41.0

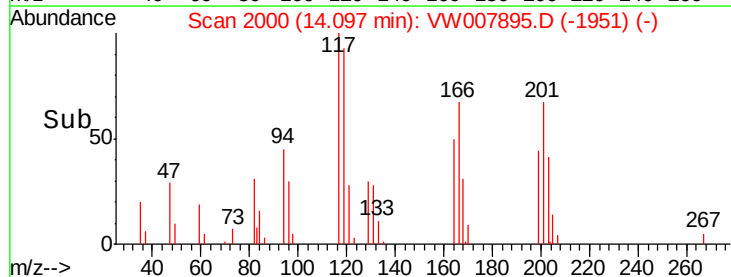
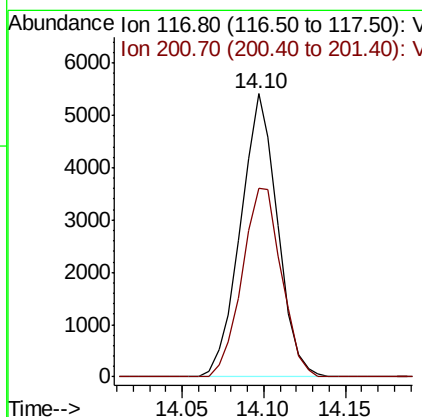
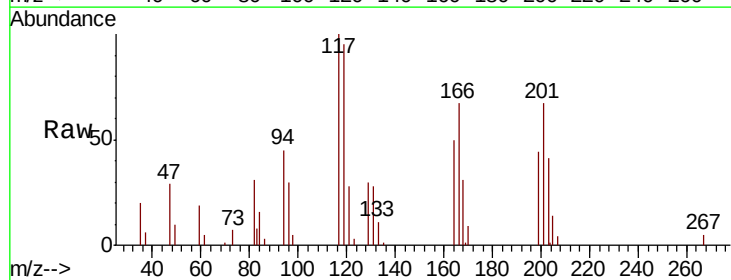
Manual Integrations
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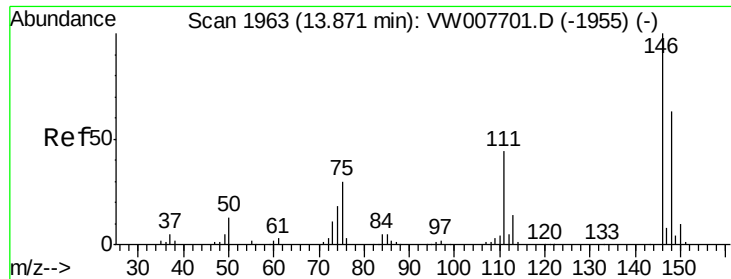
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#90
Hexachloroethane
Concen: 44.329 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.8	36.2	108.6





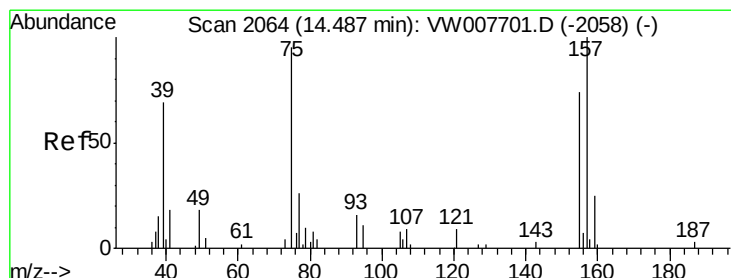
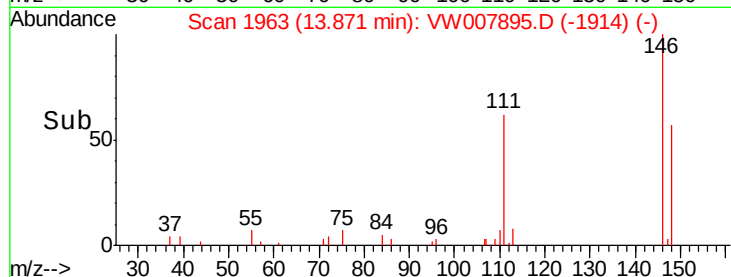
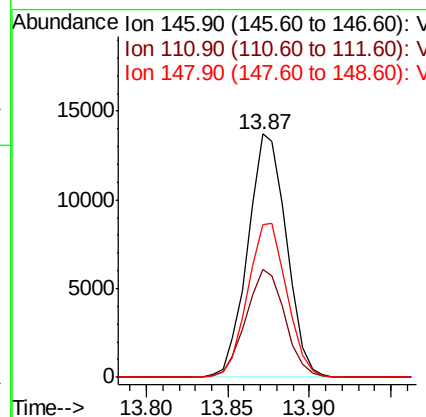
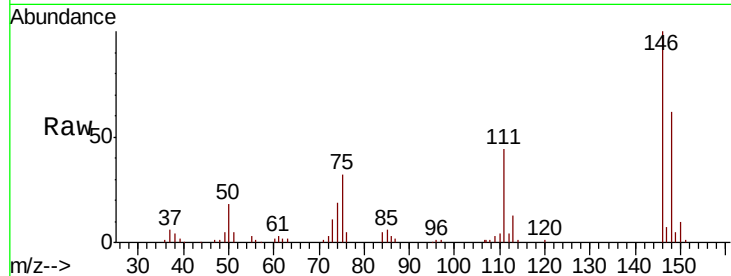
#91
 1,2-Dichlorobenzene
 Concen: 48.064 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.7	65.1
148	64.1	32.1	96.5

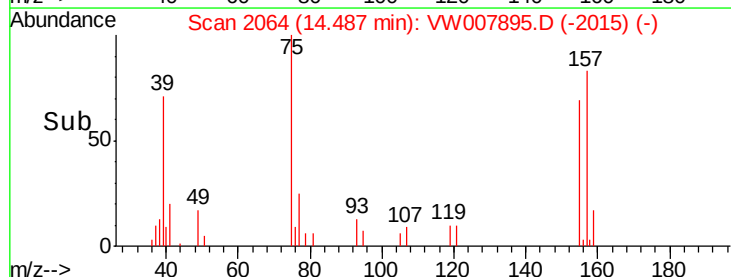
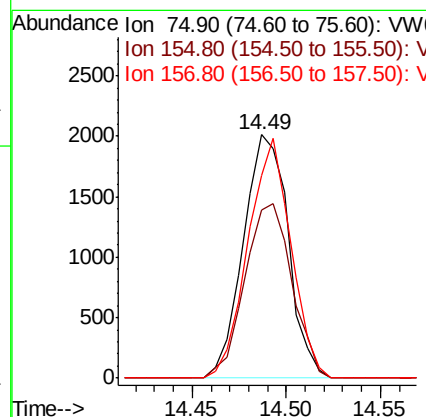
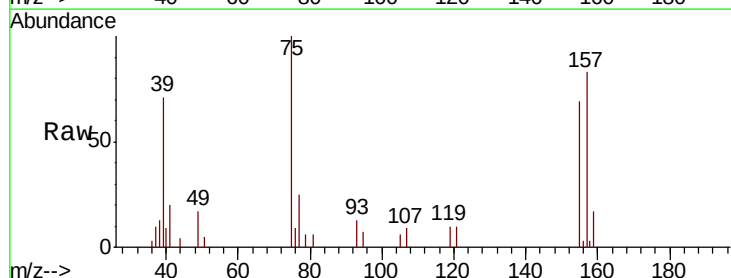
Manual Integrations
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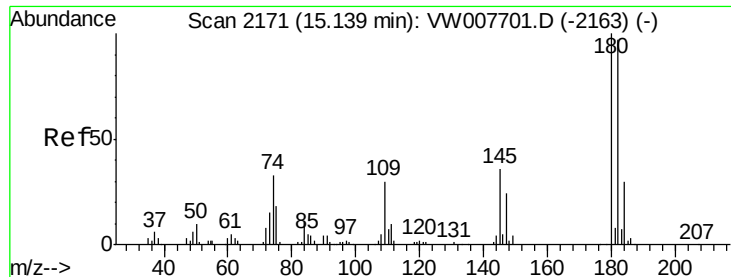
MMDadoda
 12/26/2018 4:39:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.460 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	39.4	118.1
157	93.9	52.0	156.0





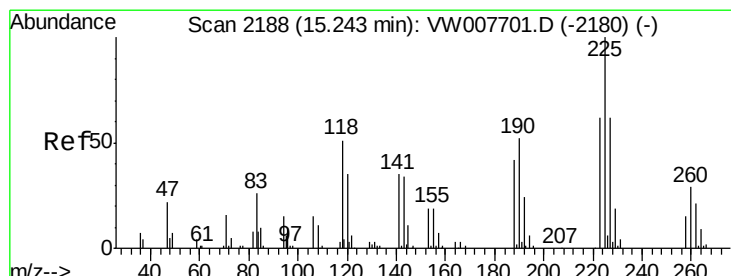
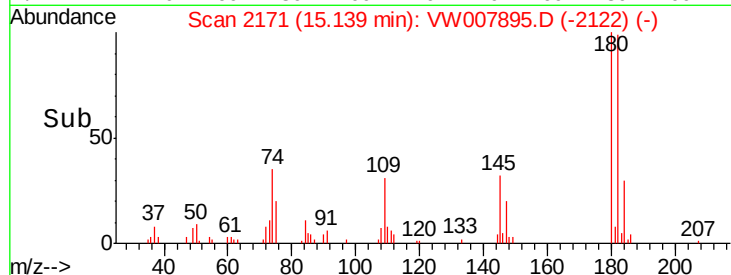
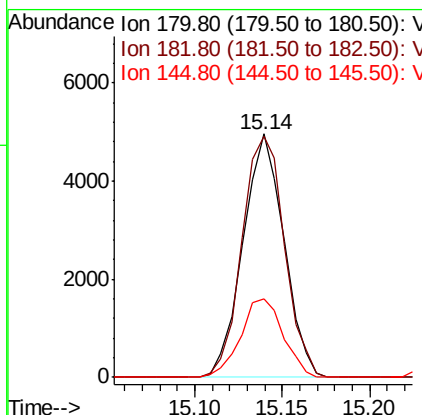
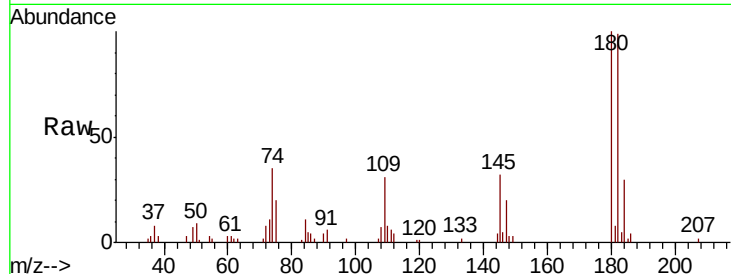
#93
1,2,4-Trichlorobenzene
Concen: 24.647 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	8051		
182	102.8	47.5	142.6	
145	33.5	17.5	52.5	

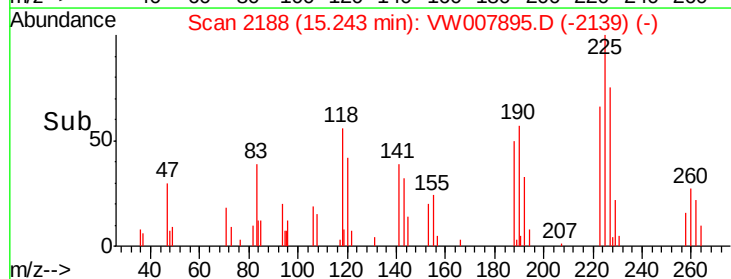
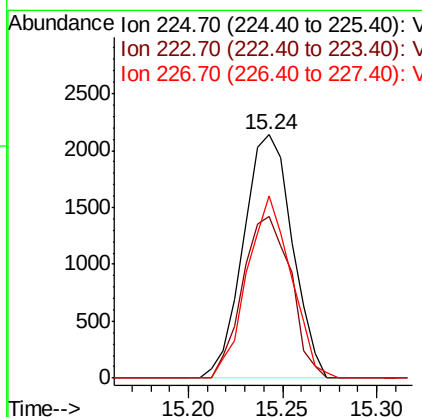
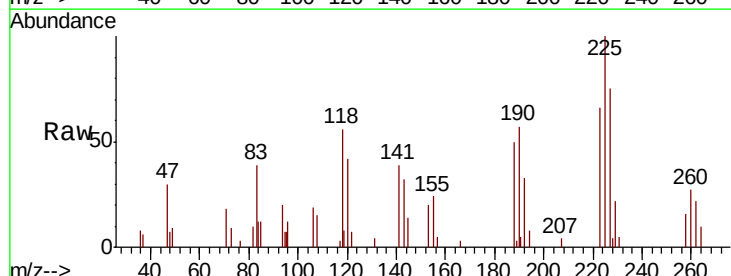
Manual Integrations
APPROVED

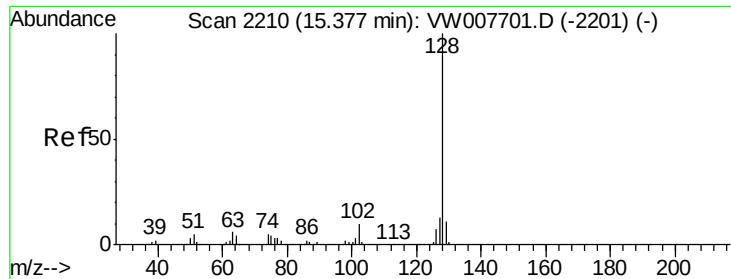
MMDadoda
12/26/2018 4:39:15 PM



#94
Hexachlorobutadiene
Concen: 22.066 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3852		
223	65.1	31.6	94.8	
227	67.6	32.1	96.3	





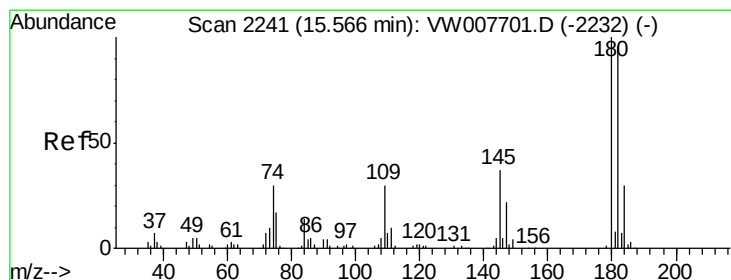
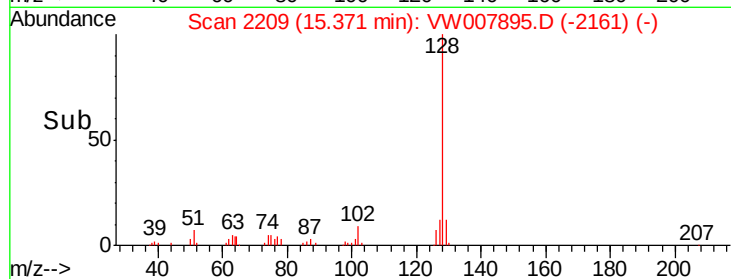
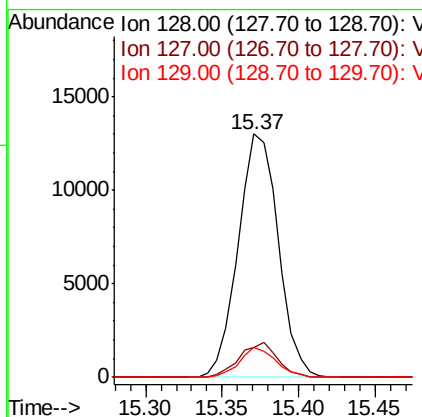
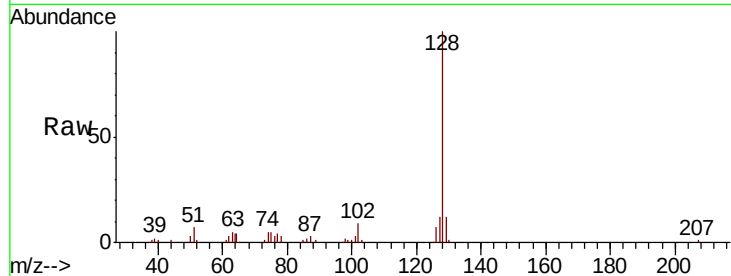
#95
Naphthalene
Concen: 39.222 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:39:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.997 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.2
145	36.4	18.4	55.0

