

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121318\
 Data File : VW007422.D
 Acq On : 12 Dec 2018 04:47
 Operator : SY/AP
 Sample : J6265-03MSD
 Misc : 1.03G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 2:42:35 PM

Quant Time: Dec 12 06:30:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	5794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	8900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3641	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.88	113	3103	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
50) Toluene-d8	10.32	98	10793	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	4115	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	2381	58.806	ug/l	92
3) Chloromethane	2.22	50	1652	48.718	ug/l	93
4) Vinyl Chloride	2.36	62	2345	58.929	ug/l	99
5) Bromomethane	2.78	94	2283	85.388	ug/l	91
6) Chloroethane	2.93	64	2074	94.681	ug/l	94
7) Trichlorofluoromethane	3.27	101	5983	167.232	ug/l	99
8) Diethyl Ether	3.70	74	1768	63.139	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	3433	58.154	ug/l	98
10) Methyl Iodide	4.28	142	4822	49.320	ug/l	97
11) Tert butyl alcohol	5.14	59	1839	416.567	ug/l #	74
12) 1,1-Dichloroethene	4.05	96	3063	53.890	ug/l	89
14) Allvl chloride	4.68	41	3669	43.794	ug/l	93
15) Acrylonitrile	5.37	53	4734	401.041	ug/l	97
16) Acetone	4.12	43	4427	394.290	ug/l #	87
17) Carbon Disulfide	4.38	76	9849	57.150	ug/l	100
18) Methyl Acetate	4.67	43	7258	238.175	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	8856	103.286	ug/l	92
20) Methylene Chloride	4.92	84	3414	56.079	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	3220	50.644	ug/l	89
22) Diisopropyl ether	6.30	45	8126	50.461	ug/l	98
23) Vinyl Acetate	6.25	43	9288m	103.116	ug/l	
24) 1,1-Dichloroethane	6.23	63	5637	51.792	ug/l	96
25) 2-Butanone	7.17	43	5709	389.483	ug/l	95
26) 2,2-Dichloropropane	7.17	77	5264	73.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	3459	49.685	ug/l	91
28) Bromochloromethane	7.51	49	2436	59.503	ug/l #	98
29) Tetrahydrofuran	7.52	42	3724	401.318	ug/l	97
30) Chloroform	7.68	83	6210	52.431	ug/l	97
31) Cyclohexane	7.96	56	5226	52.335	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	6091	58.643	ug/l	96
36) 1,1-Dichloropropene	8.09	75	4789	58.986	ug/l	98
37) Ethyl Acetate	7.26	43	1564	51.793	ug/l #	85
38) Carbon Tetrachloride	8.07	117	5390	61.014	ug/l	94
39) Methylcyclohexane	9.34	83	5434	55.273	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.32	78	12650	56.144	ug/l	96
41) Methacrylonitrile	7.48	41	977	56.816	ug/l #	49
42) 1,2-Dichloroethane	8.40	62	4472	63.184	ug/l	96
43) Isopropyl Acetate	8.42	43	3592	60.219	ug/l	97
44) Trichloroethene	9.09	130	3676	57.134	ug/l	98
45) 1,2-Dichloropropane	9.37	63	3060	58.688	ug/l	99
46) Dibromomethane	9.46	93	1952	65.925	ug/l	99
47) Bromodichloromethane	9.65	83	4546	58.532	ug/l	93
48) Methyl methacrylate	9.44	41	2508	81.869	ug/l	90
49) 1,4-Dioxane	9.45	88	857	1783.795	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	12413	440.429	ug/l	96
52) Toluene	10.39	92	7682	52.685	ug/l	90
53) t-1,3-Dichloropropene	10.61	75	4344	57.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	4552	52.223	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	2930	72.707	ug/l	94
56) Ethyl methacrylate	10.65	69	2539	52.418	ug/l	99
57) 1,3-Dichloropropane	10.93	76	4573	69.136	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	5066	226.800	ug/l	98
59) 2-Hexanone	10.98	43	8229	437.876	ug/l	98
60) Dibromochloromethane	11.13	129	3243	63.767	ug/l	96
61) 1,2-Dibromoethane	11.24	107	2956	74.226	ug/l	96
64) Tetrachloroethene	10.87	164	3171	55.944	ug/l	92
65) Chlorobenzene	11.66	112	8698	52.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	3405	58.848	ug/l	100
67) Ethyl Benzene	11.73	91	15011	53.145	ug/l	100
68) m/p-Xylenes	11.84	106	11573	105.395	ug/l	96
69) o-Xylene	12.17	106	5500	53.632	ug/l	97
70) Stvrene	12.18	104	7816	47.186	ug/l	94
71) Bromoform	12.35	173	2065	69.726	ug/l #	97
73) Isopropylbenzene	12.47	105	14880	51.293	ug/l	97
74) N-amyl acetate	12.28	43	2123	40.267	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.71	83	3936	91.606	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	3111m	99.658	ug/l	
77) Bromobenzene	12.75	156	3594	55.891	ug/l	88
78) n-propylbenzene	12.81	91	17051	52.227	ug/l	97
79) 2-Chlorotoluene	12.90	91	10488	53.092	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	12074	49.534	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	864	61.140	ug/l	94
82) 4-Chlorotoluene	12.99	91	10725	51.505	ug/l	98
83) tert-Butylbenzene	13.21	119	11677	54.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12394	49.411	ug/l	99
85) sec-Butylbenzene	13.39	105	14315	48.823	ug/l	99
86) p-Isopropyltoluene	13.51	119	13051	49.547	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	6408	49.981	ug/l	91
88) 1,4-Dichlorobenzene	13.58	146	6503	50.453	ug/l	91
89) n-Butylbenzene	13.83	91	9779	40.047	ug/l	96
90) Hexachloroethane	14.10	117	2444	52.147	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	6224	54.202	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.49	75	683	79.211	ug/l	96
93) 1,2,4-Trichlorobenzene	15.14	180	2740	34.672	ug/l	90

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	1319	31.457	ug/l	99
95) Naphthalene	15.38	128	5032	33.285	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	2223	32.383	ug/l	99

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

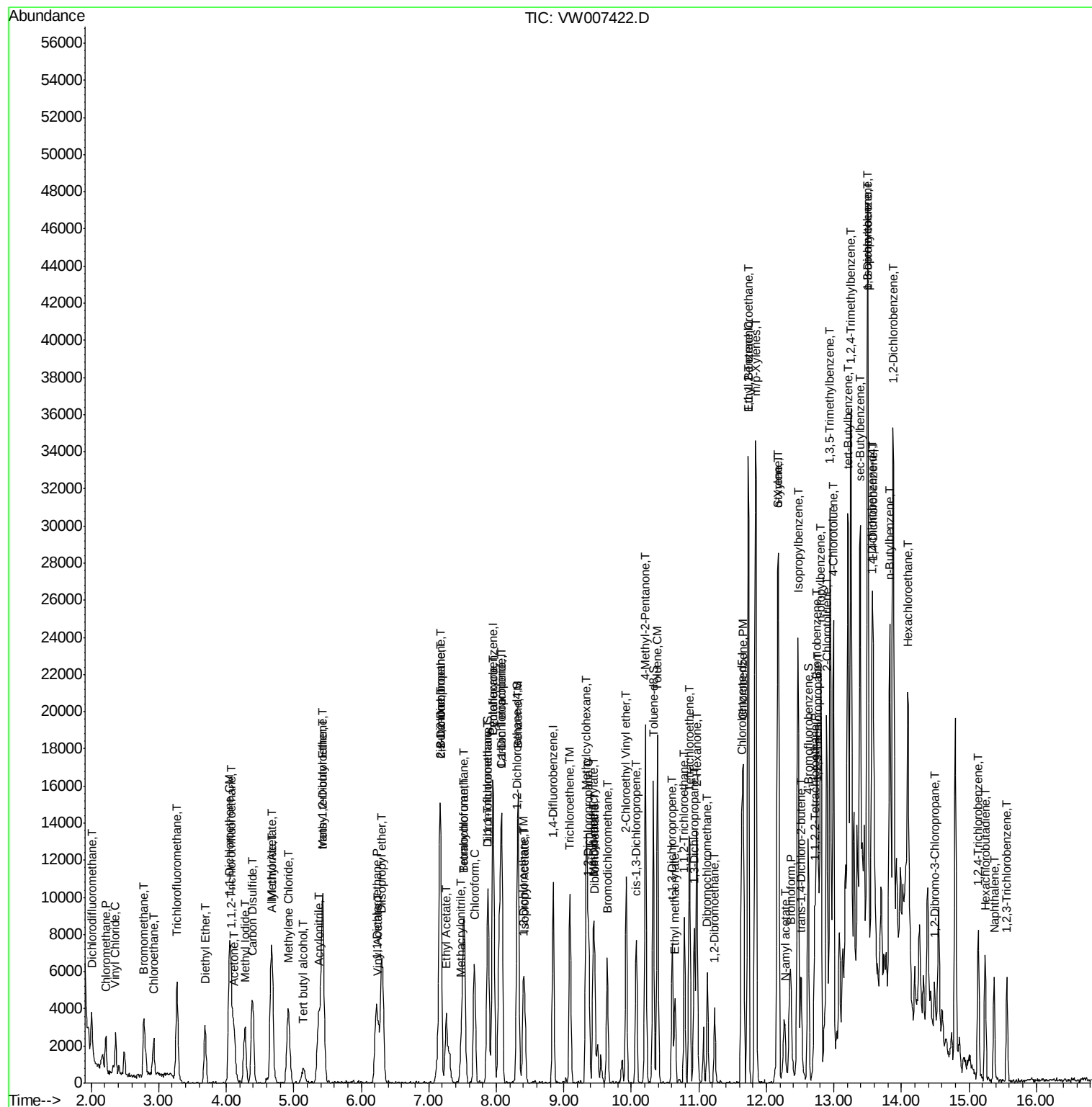
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 Data File : VW007422.D
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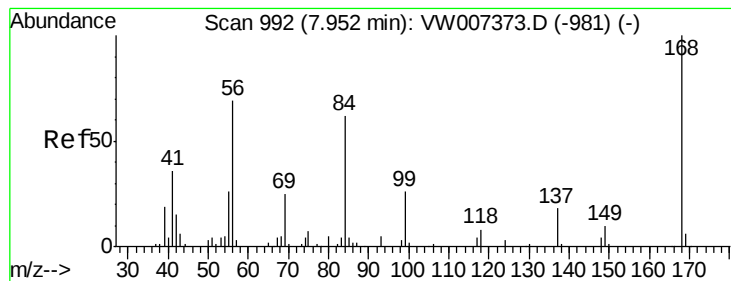
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion:168 Resp: 5794

Ion Ratio Lower Upper

168 100

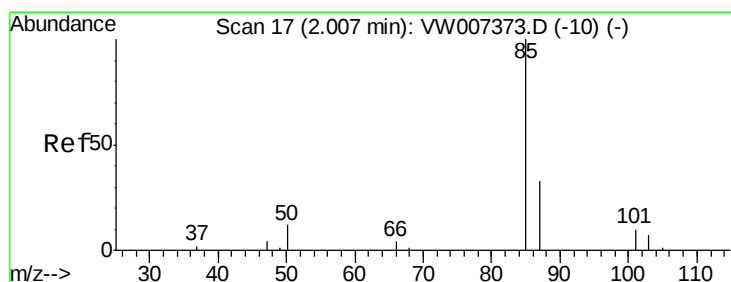
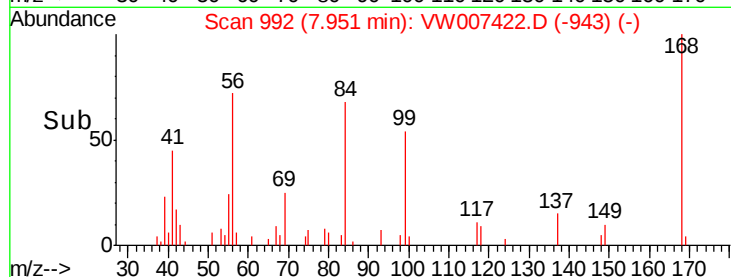
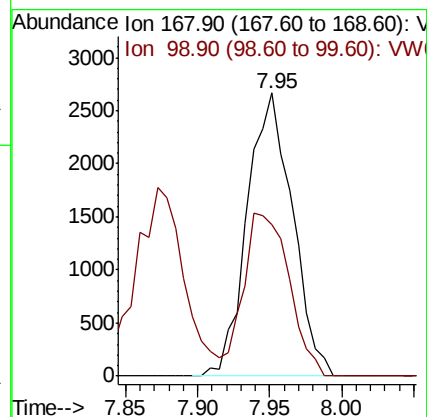
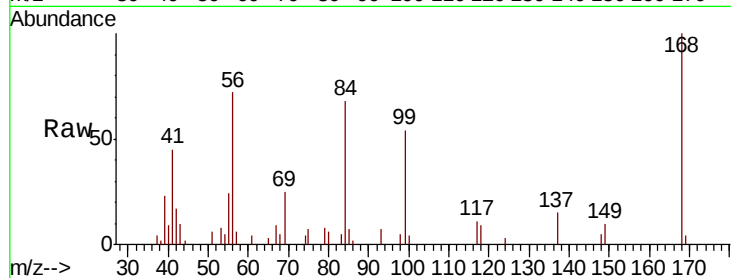
99 53.5 48.3 72.5

Manual Integrations

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12/12/2018 2:42:35 PM



#2

Dichlorodifluoromethane

Concen: 58.806 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007422.D

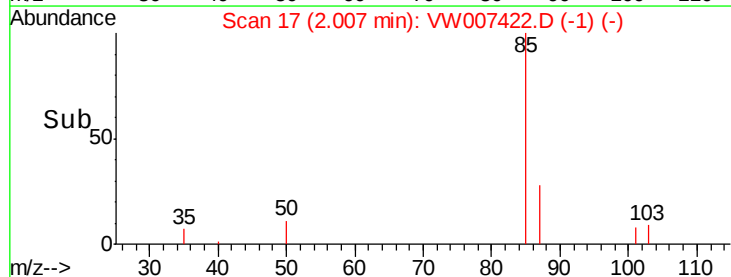
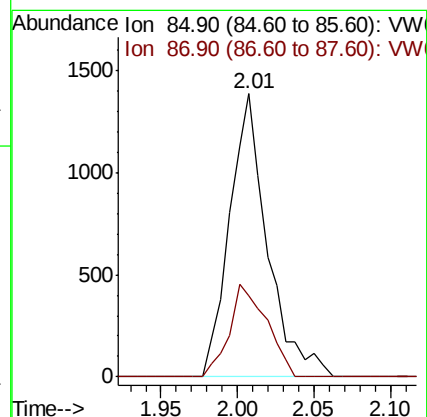
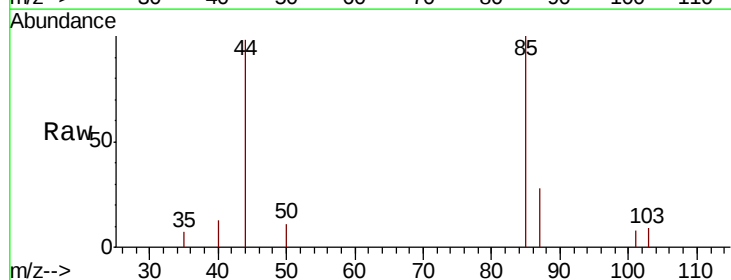
Acq: 12 Dec 2018 04:47

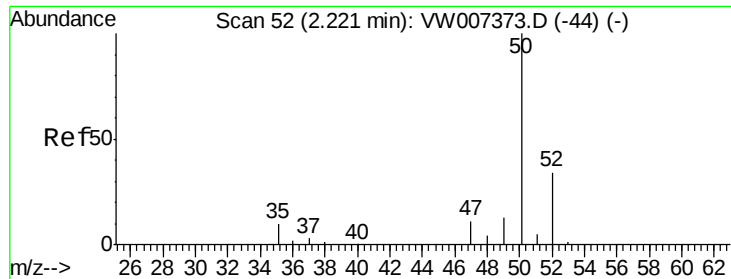
Tgt Ion: 85 Resp: 2381

Ion Ratio Lower Upper

85 100

87 28.5 16.6 49.7





#3

Chloromethane

Concen: 48.718 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion: 50 Resp: 1652

Ion Ratio Lower Upper

50 100

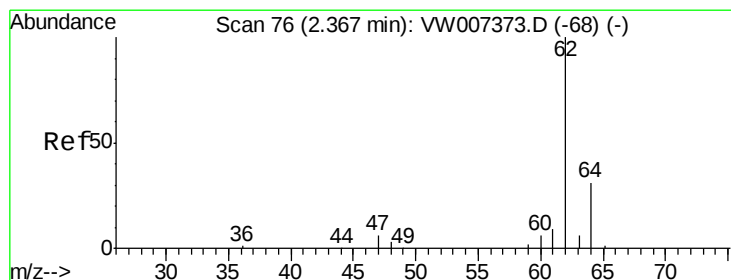
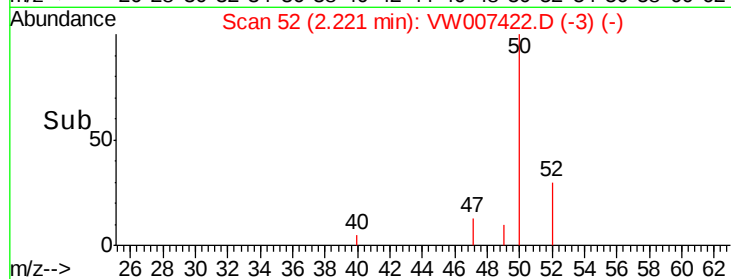
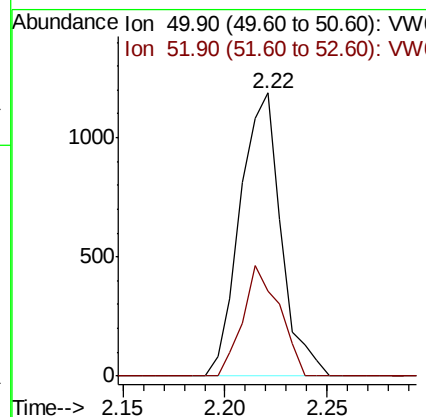
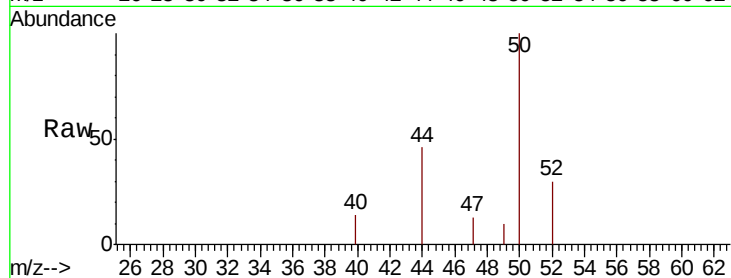
52 30.0 27.4 41.0

Manual Integrations

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12/12/2018 2:42:35 PM



#4

Vinyl Chloride

Concen: 58.929 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007422.D

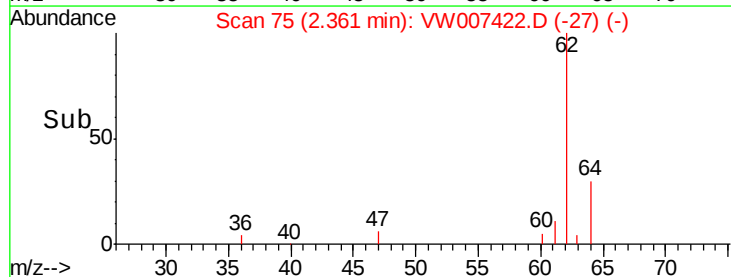
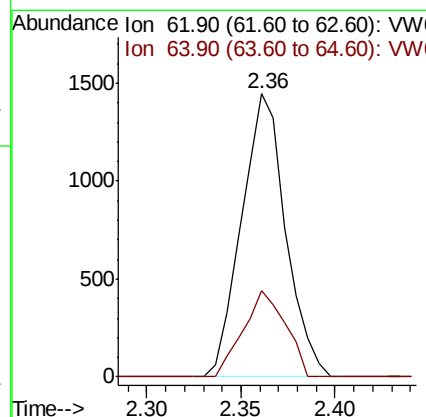
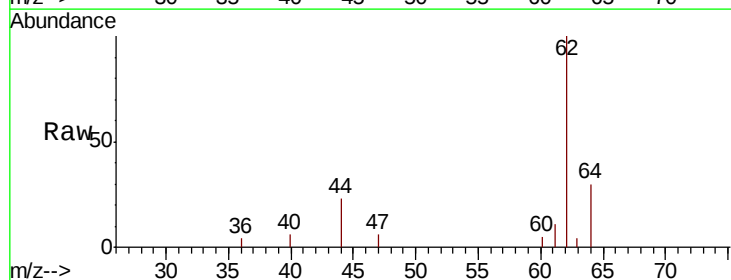
Acq: 12 Dec 2018 04:47

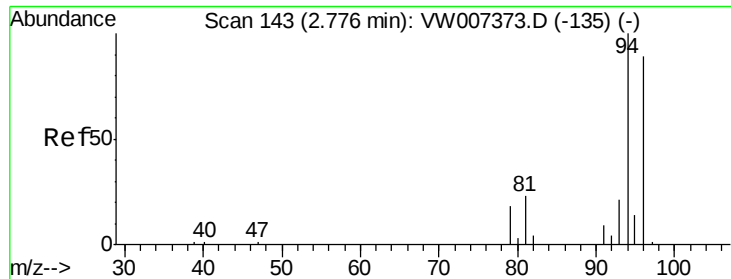
Tgt Ion: 62 Resp: 2345

Ion Ratio Lower Upper

62 100

64 30.3 24.6 37.0





#5

Bromomethane

Concen: 85.388 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

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ClientSampleId :

S32-0632MSD

Tot Ion: 94 Resp: 2283

Ion Ratio Lower Upper

94 100

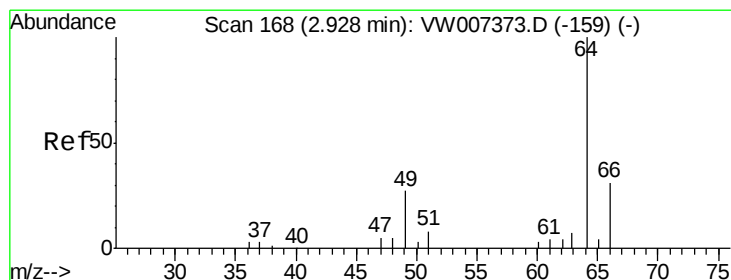
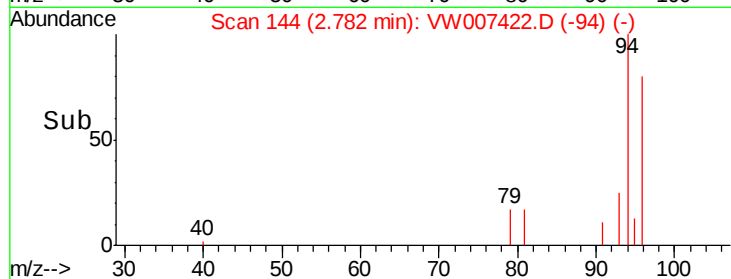
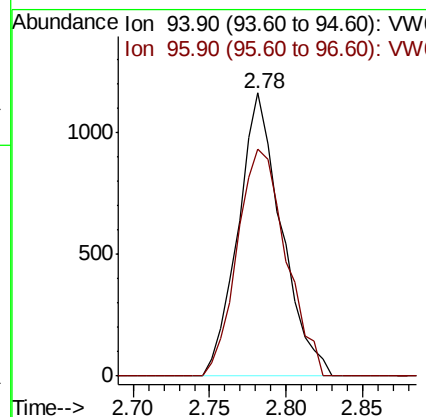
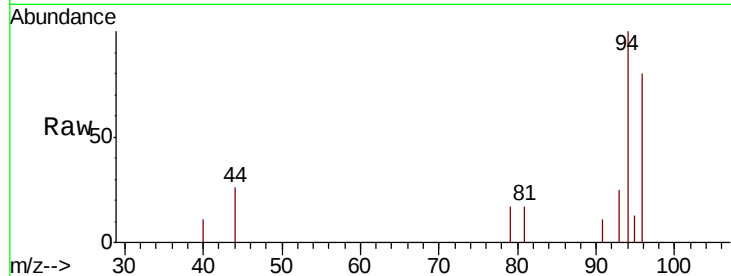
96 80.1 71.0 106.4

Manual Integrations

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12/12/2018 2:42:35 PM



#6

Chloroethane

Concen: 94.681 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007422.D

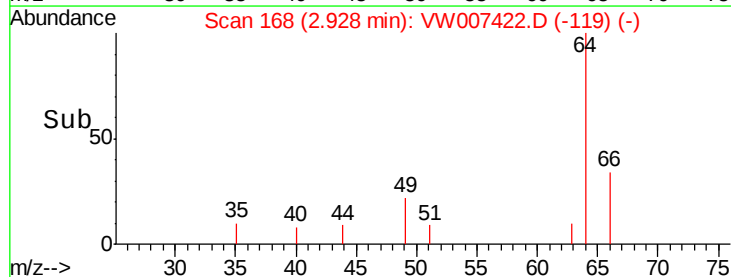
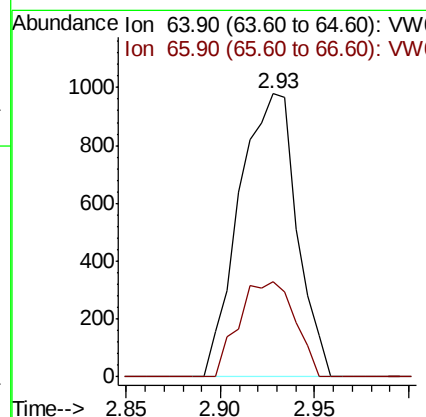
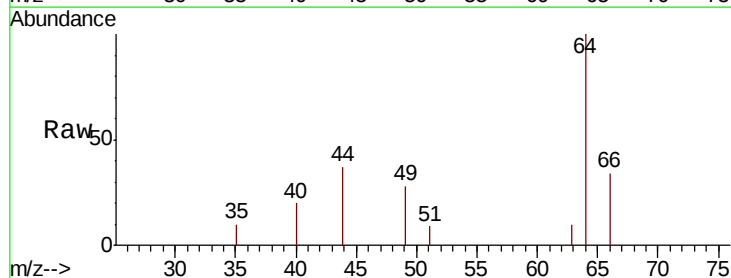
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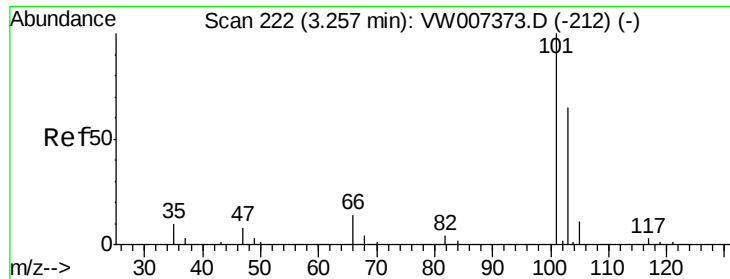
Tgt Ion: 64 Resp: 2074

Ion Ratio Lower Upper

64 100

66 33.8 24.6 37.0





#7

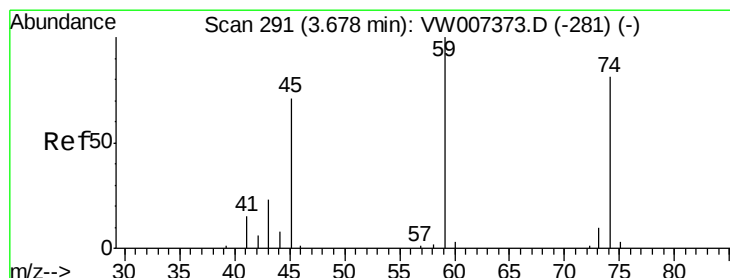
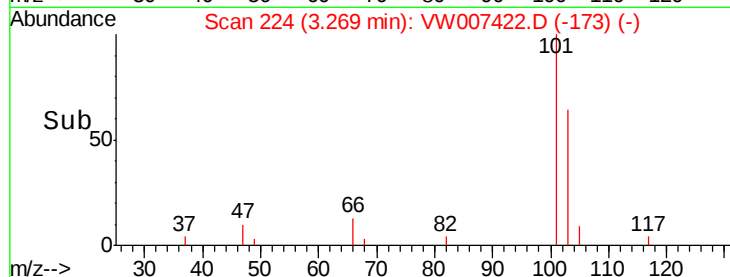
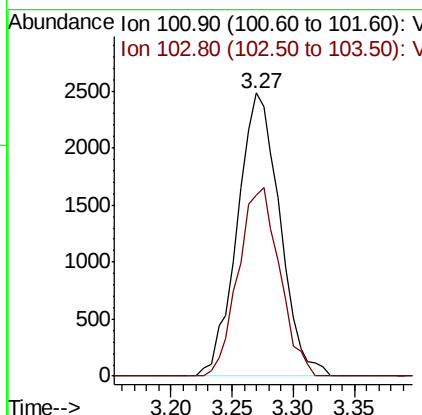
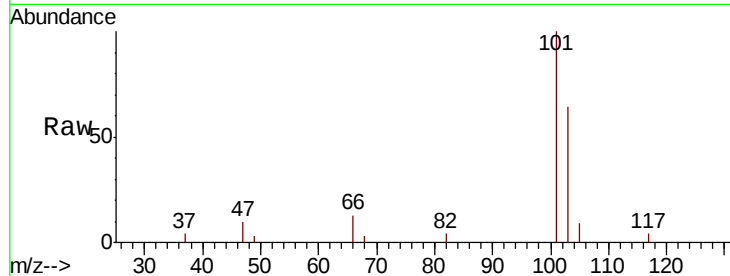
Trichlorofluoromethane
Concen: 167.232 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 5983
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5

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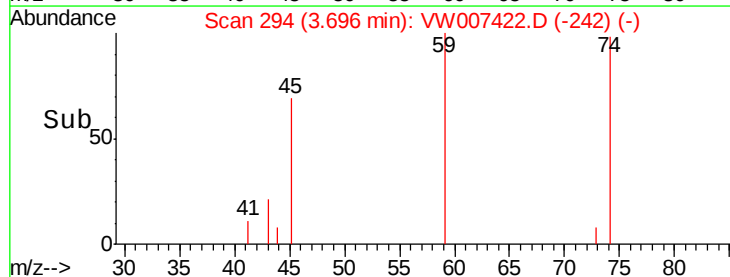
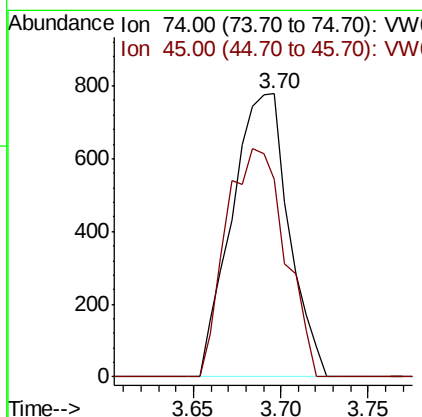
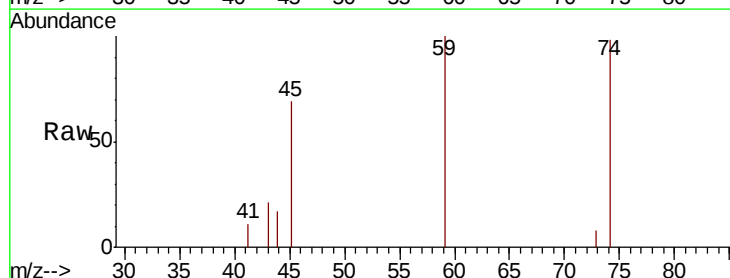
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12/12/2018 2:42:35 PM

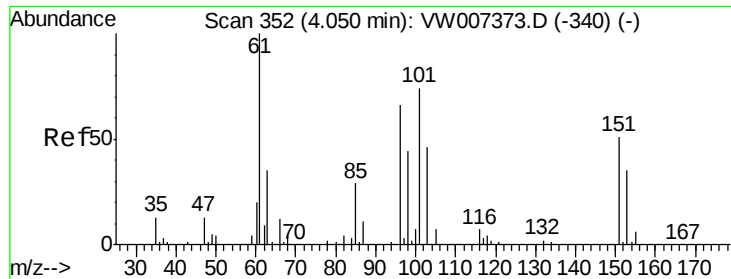


#8

Diethyl Ether
Concen: 63.139 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 74 Resp: 1768
Ion Ratio Lower Upper
74 100
45 83.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.154 ug/l

RT: 4.08 min Scan# 357

Delta R.T. 0.03 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

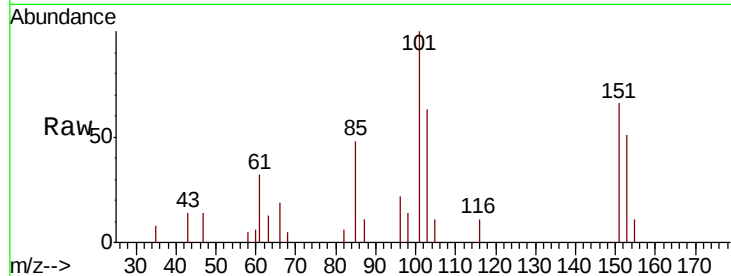
ClientSampleId :

S32-0632MSD

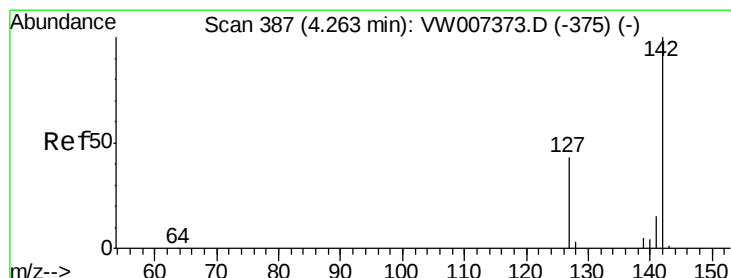
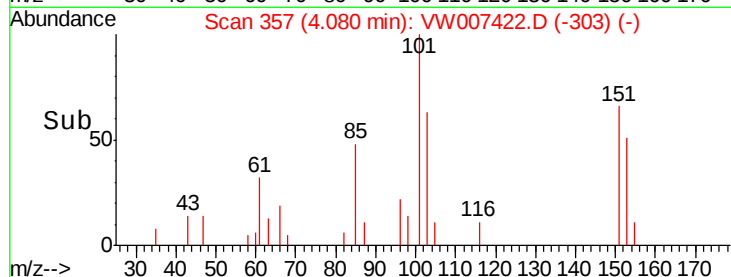
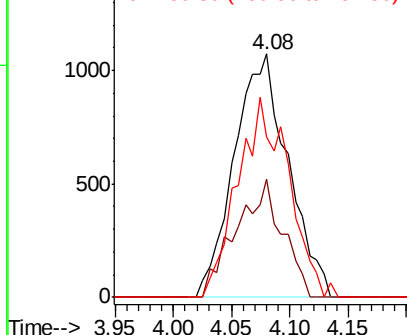
Tot Ion:	101	Resp:	3433
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	77.8	63.7	95.5

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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: 49.320 ug/l

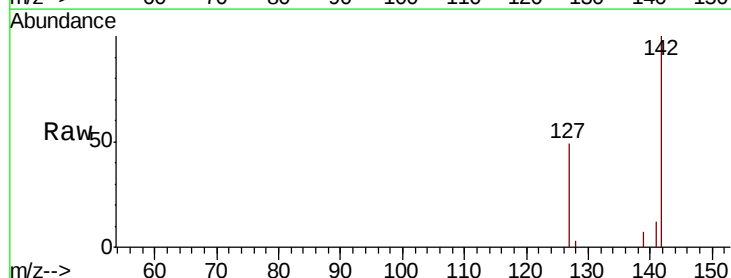
RT: 4.28 min Scan# 390

Delta R.T. 0.02 min

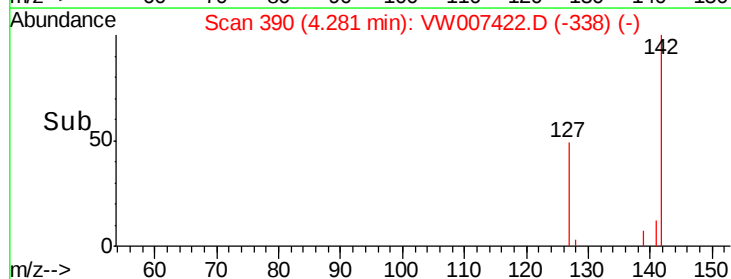
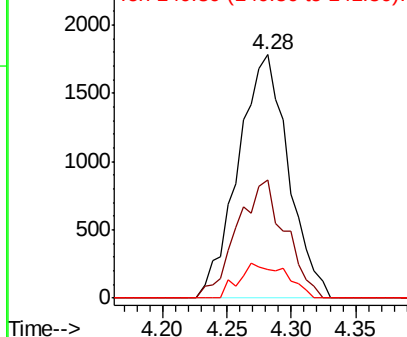
Lab File: VW007422.D

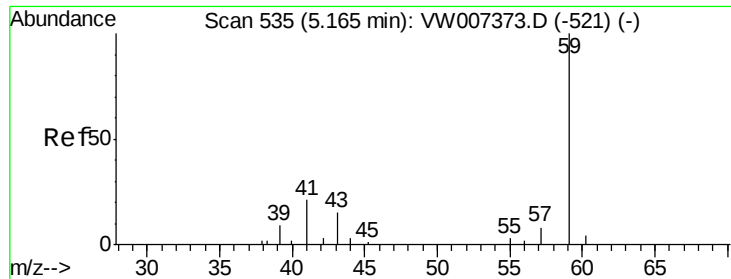
Acq: 12 Dec 2018 04:47

Tgt Ion:	142	Resp:	4822
Ion Ratio	Lower	Upper	
142	100		
127	46.8	35.8	53.6
141	13.6	11.1	16.7



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





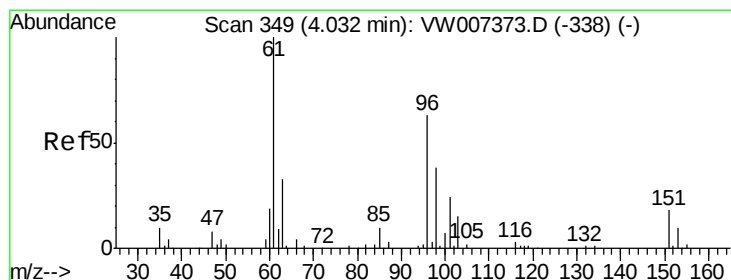
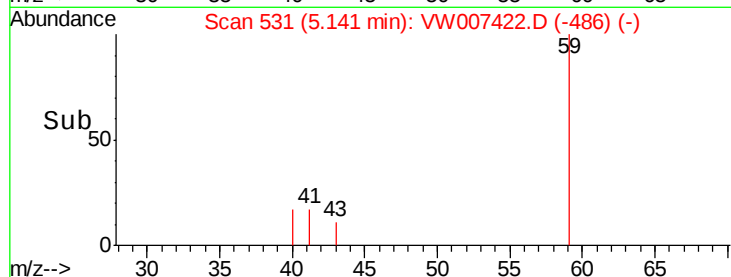
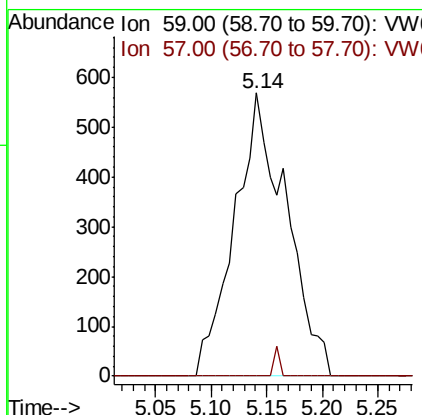
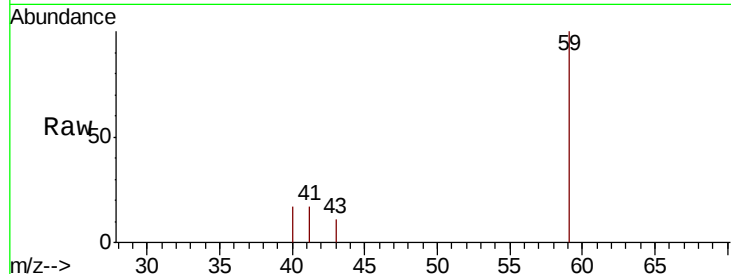
#11
Tert butyl alcohol
Concen: 416.567 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion: 59 Resp: 1839
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

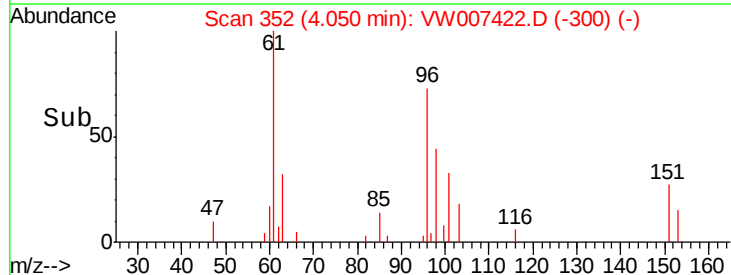
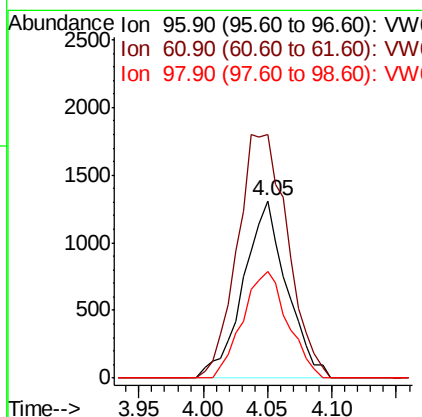
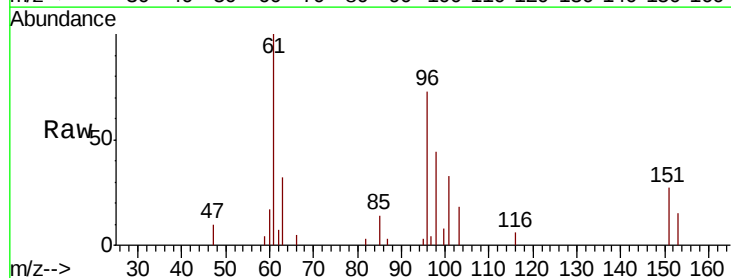
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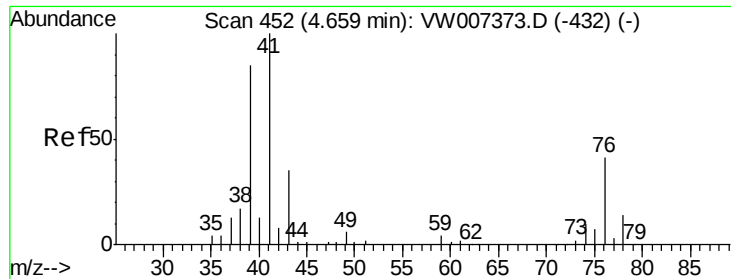
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#12
1,1-Dichloroethene
Concen: 53.890 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 96 Resp: 3063
Ion Ratio Lower Upper
96 100
61 137.2 126.2 189.2
98 60.3 48.3 72.5





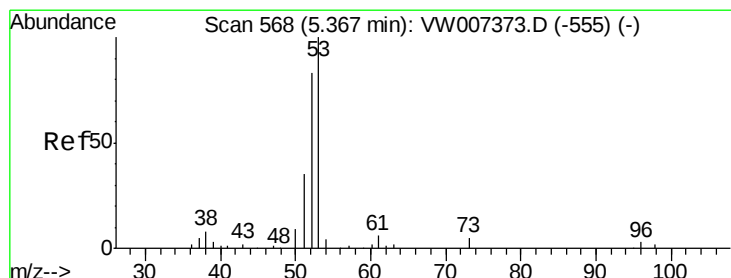
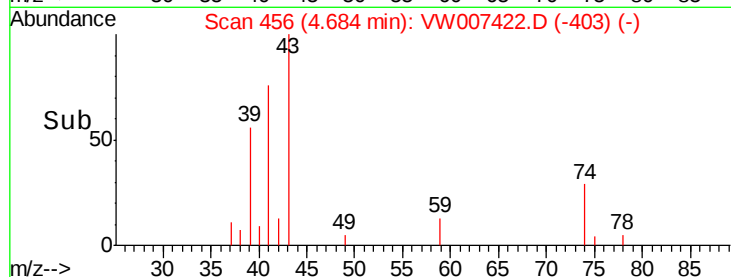
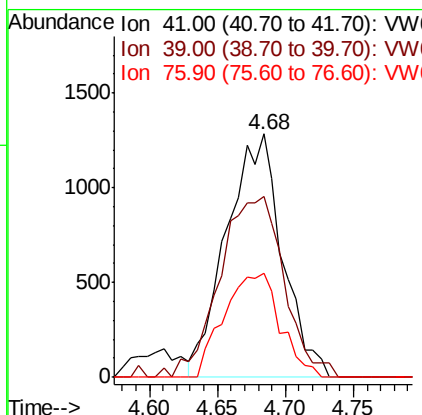
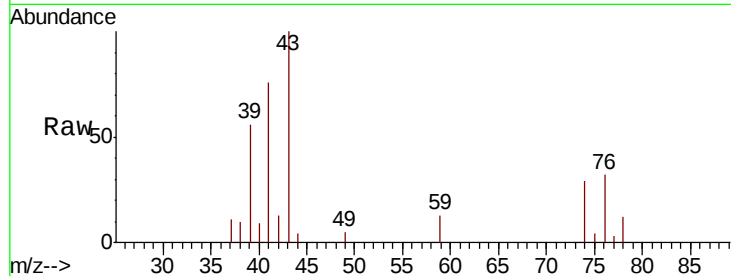
#14
Allvl chloride
Concen: 43.794 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	86.0	63.4	95.2
76	43.1	32.1	48.1

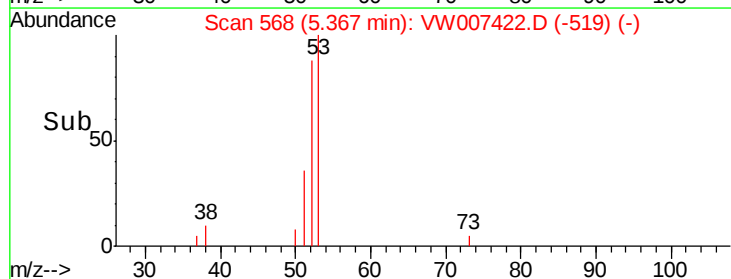
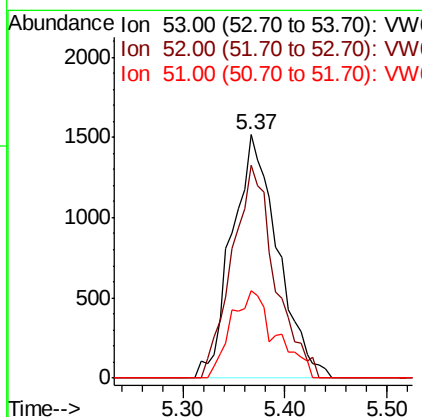
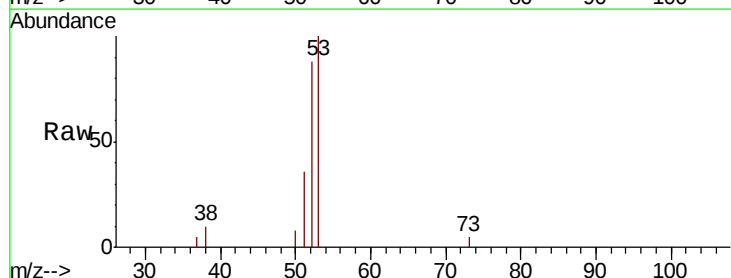
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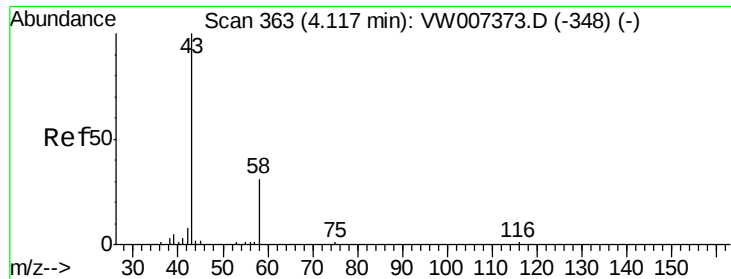
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#15
Acrylonitrile
Concen: 401.041 ug/l
RT: 5.37 min Scan# 568
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.4	101.2
51	35.1	30.2	45.2





#16

Acetone

Concen: 394.290 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion: 43 Resp: 4427

Ion Ratio Lower Upper

43 100

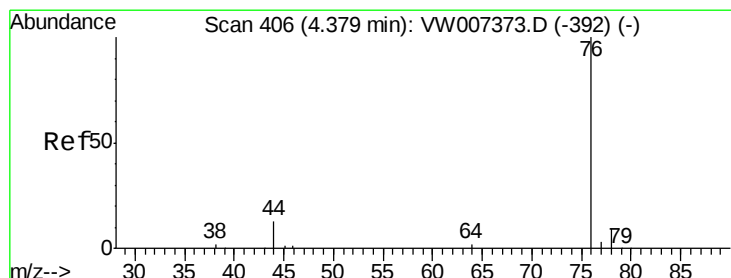
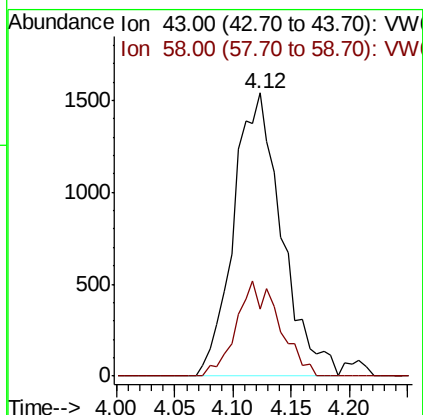
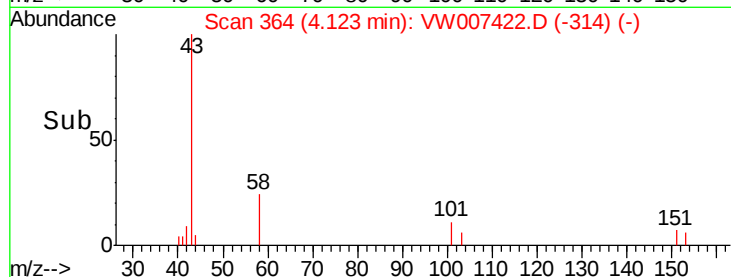
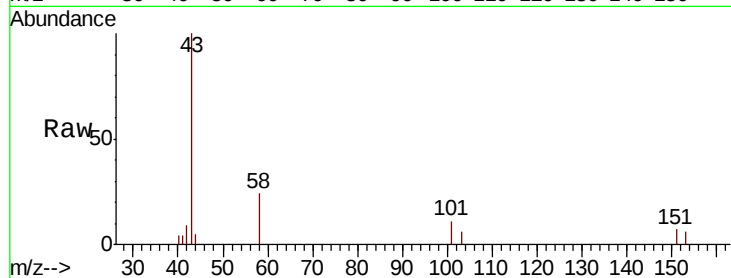
58 23.9 24.9 37.3#

Manual Integrations

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#17

Carbon Disulfide

Concen: 57.150 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW007422.D

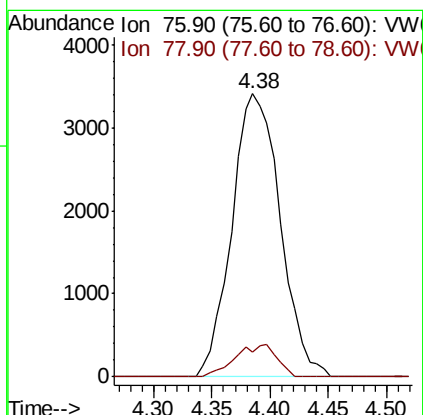
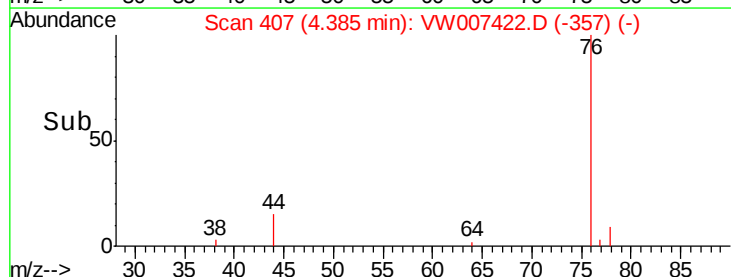
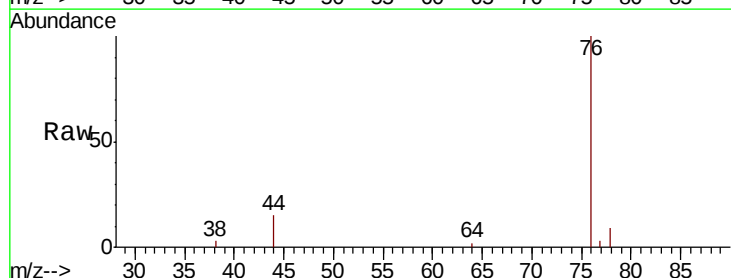
Acq: 12 Dec 2018 04:47

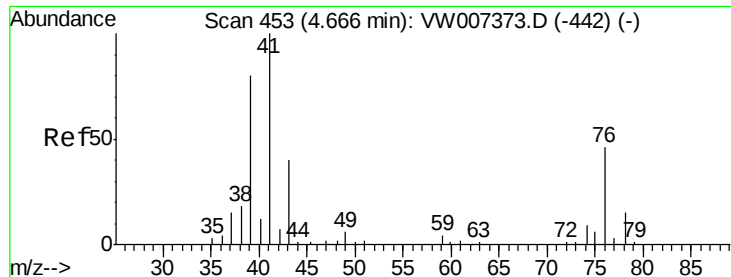
Tgt Ion: 76 Resp: 9849

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7





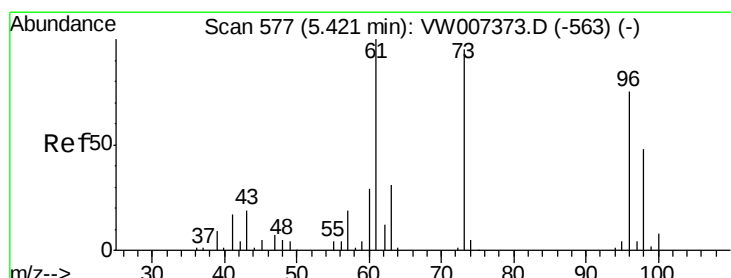
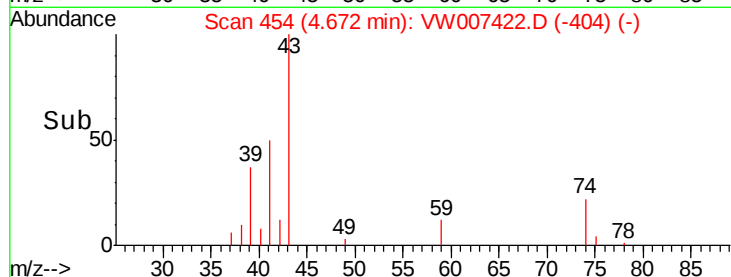
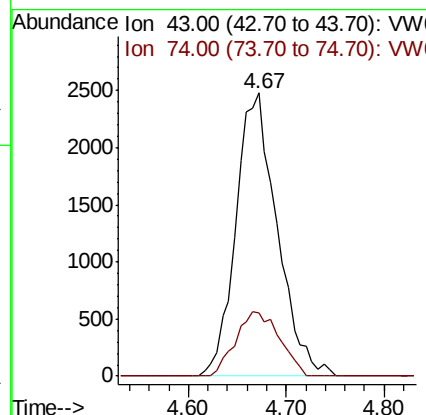
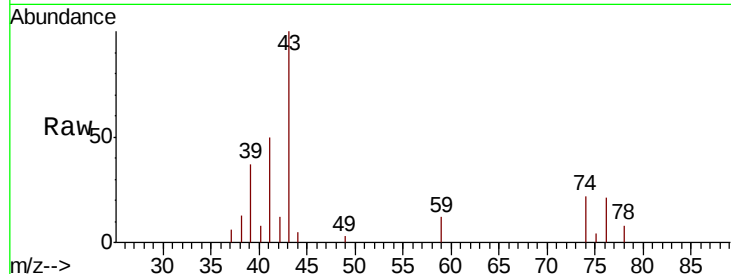
#18
Methyl Acetate
Concen: 238.175 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
74 24.2 21.1 31.7

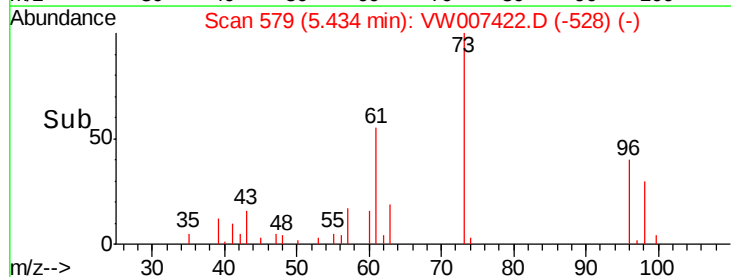
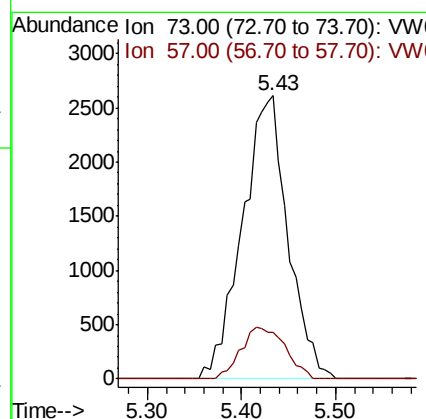
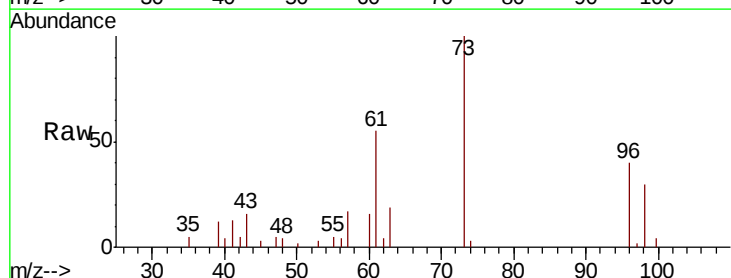
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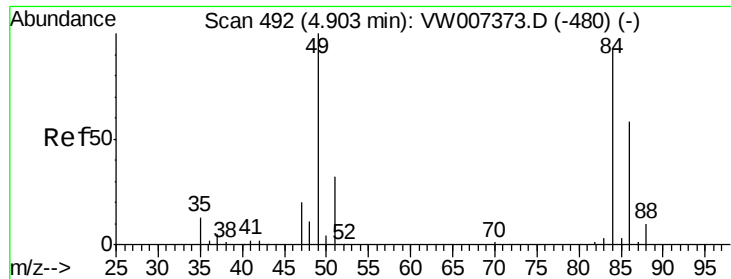
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#19
Methyl tert-butyl Ether
Concen: 103.286 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 73 Resp: 8856
Ion Ratio Lower Upper
73 100
57 16.6 16.4 24.6





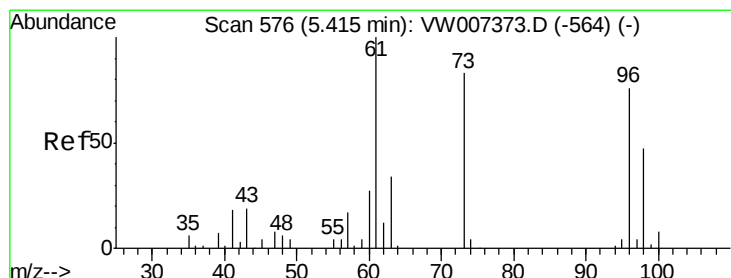
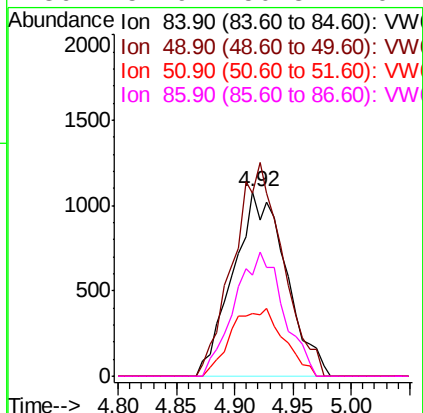
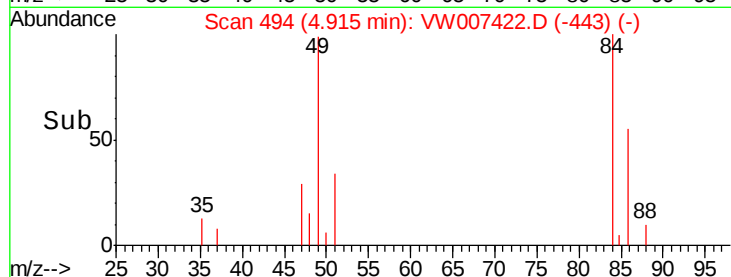
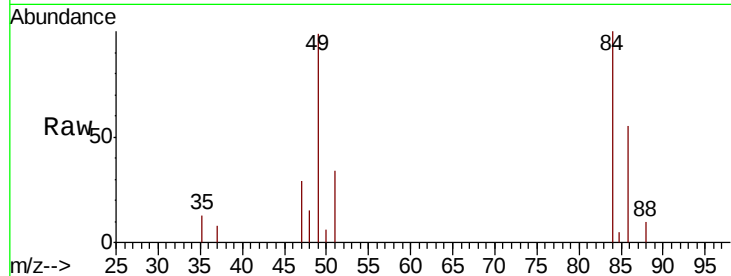
#20
Methylene Chloride
Concen: 56.079 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:	84	Resp:	3414
Ion	Ratio	Lower	Upper
84	100		
49	98.9	87.1	130.7
51	34.2	28.2	42.2
86	54.9	50.8	76.2

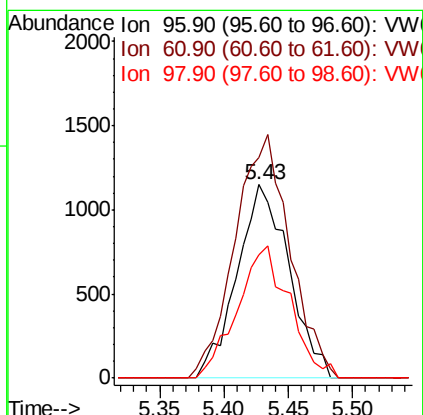
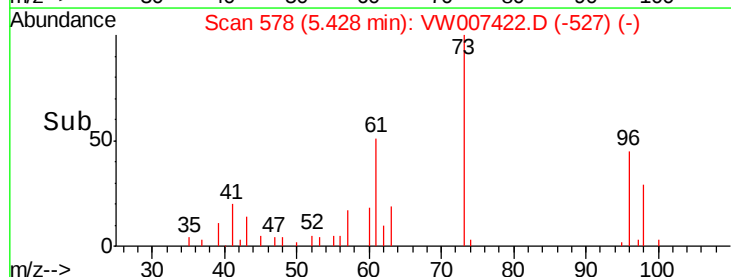
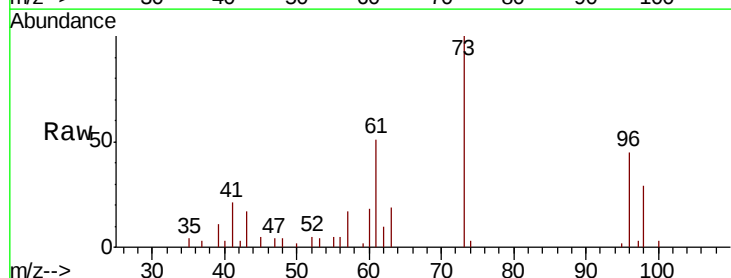
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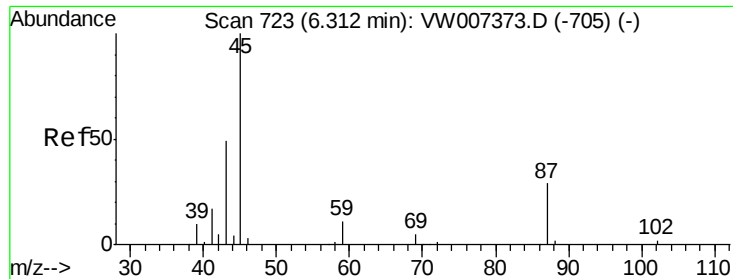
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#21
trans-1,2-Dichloroethene
Concen: 50.644 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:	96	Resp:	3220
Ion	Ratio	Lower	Upper
96	100		
61	114.1	105.0	157.6
98	64.1	49.7	74.5





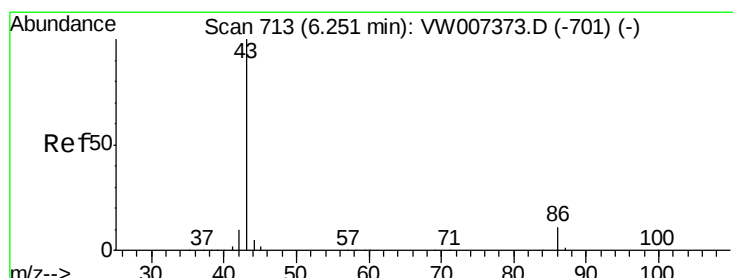
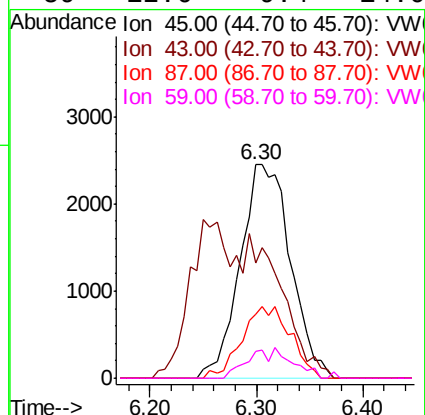
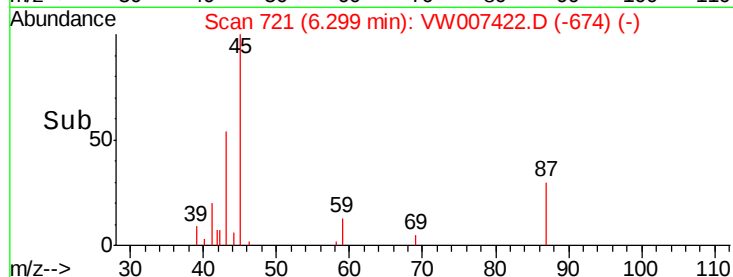
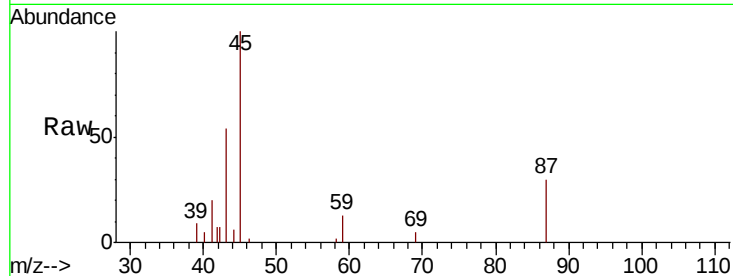
#22
Diisopropyl ether
Concen: 50.461 ug/l
RT: 6.30 min Scan# 721
Delta R.T. -0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:	45	Resp:	8126
Ion	Ratio	Lower	Upper
45	100		
43	54.0	41.6	62.4
87	30.2	24.3	36.5
59	12.6	9.4	14.0

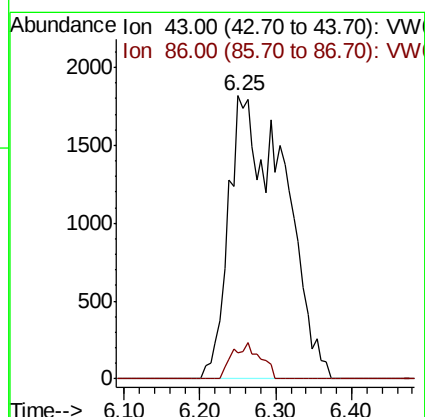
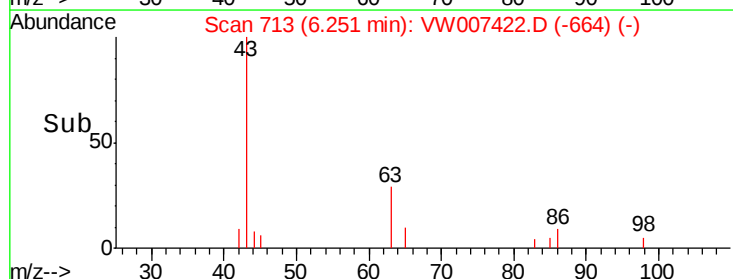
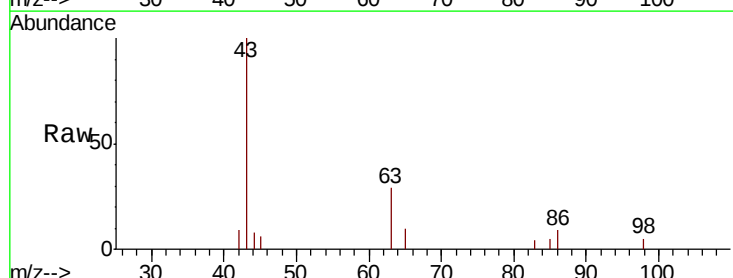
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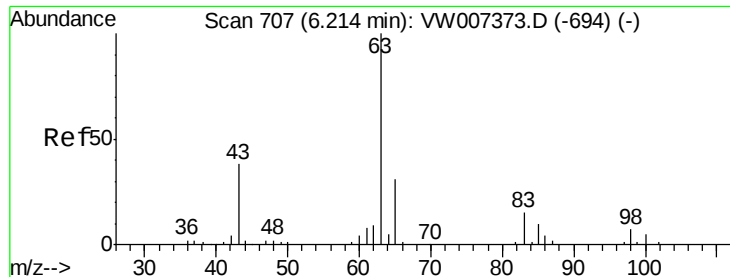
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#23
Vinyl Acetate
Concen: 103.116 ug/l m
RT: 6.25 min Scan# 713
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:	43	Resp:	9288
Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.6	12.8





#24

1,1-Dichloroethane

Concen: 51.792 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

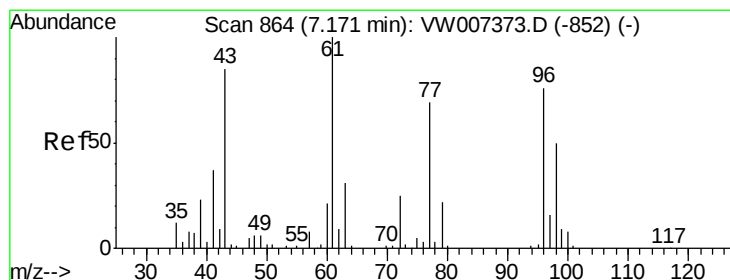
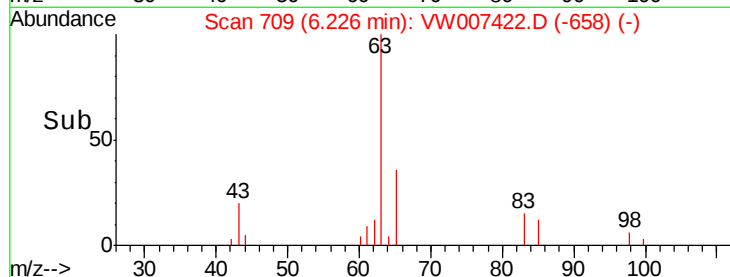
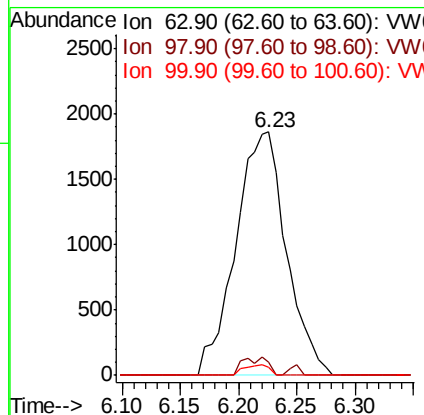
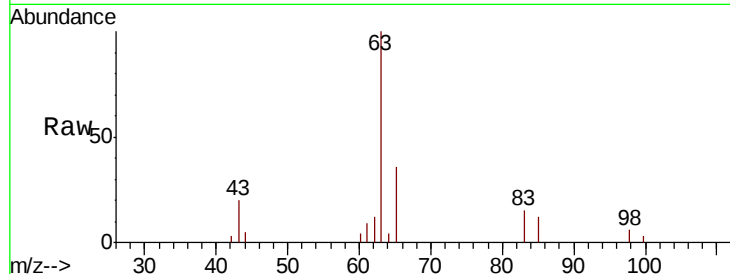
ClientSampleId :

S32-0632MSD

Tot Ion:	63	Resp:	5637
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.5	10.4
100	3.3	2.5	7.5

Manual Integrations
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#25

2-Butanone

Concen: 389.483 ug/l

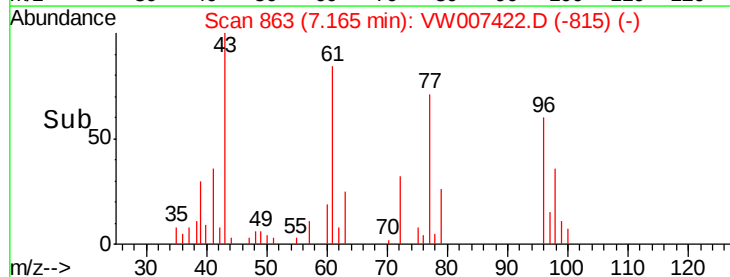
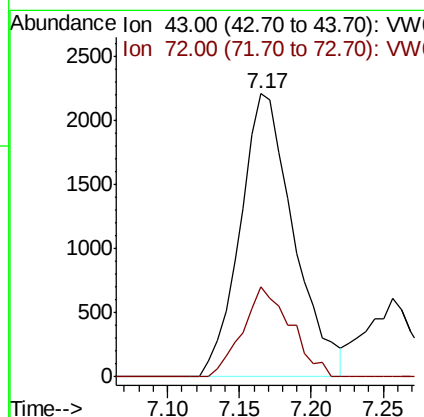
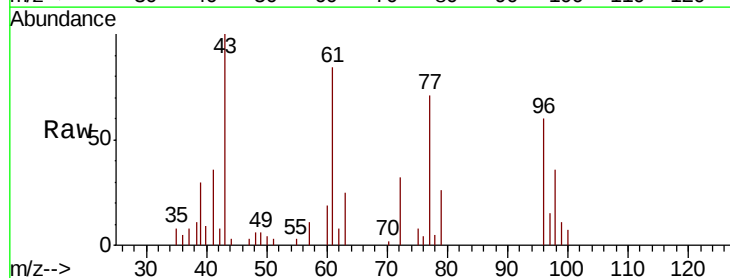
RT: 7.17 min Scan# 863

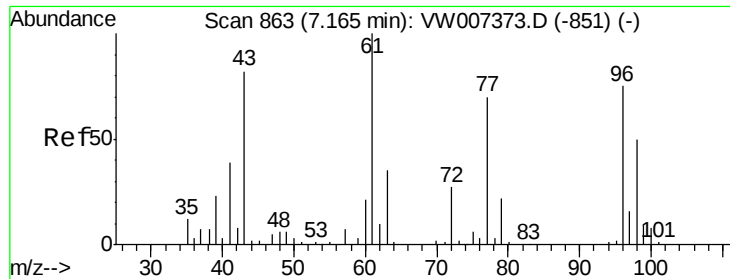
Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion:	43	Resp:	5709
Ion	Ratio	Lower	Upper
43	100		
72	32.1	23.4	35.2





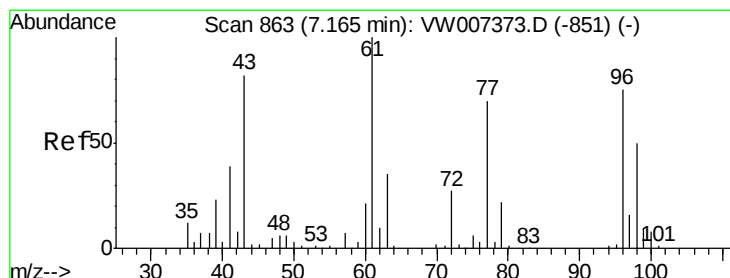
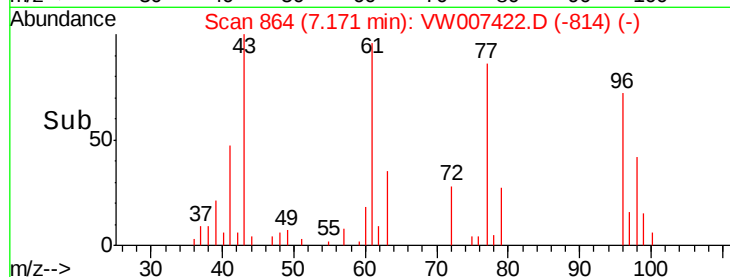
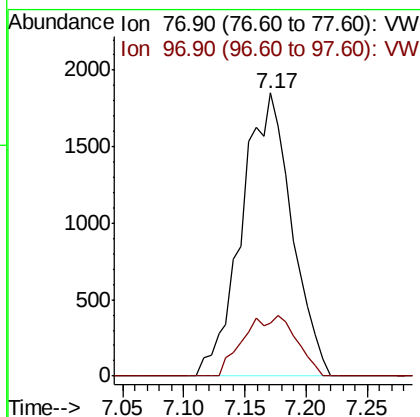
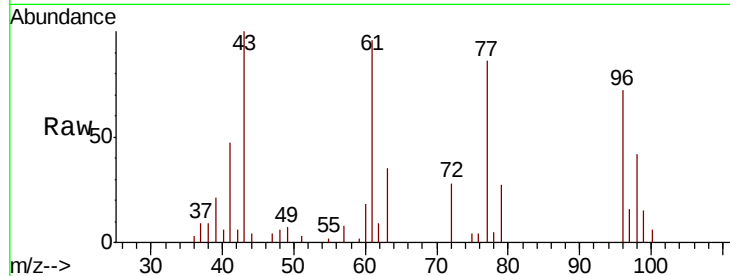
#26
 2,2-Dichloropropane
 Concen: 73.079 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion: 77 Resp: 5264
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.6 34.8

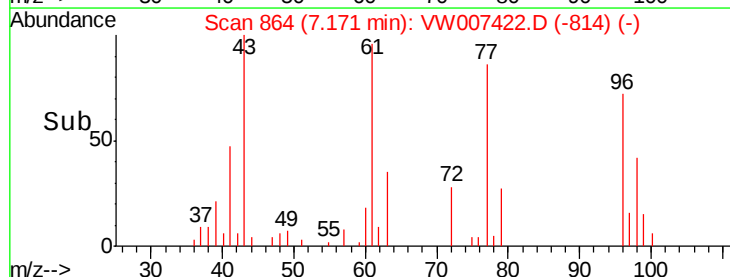
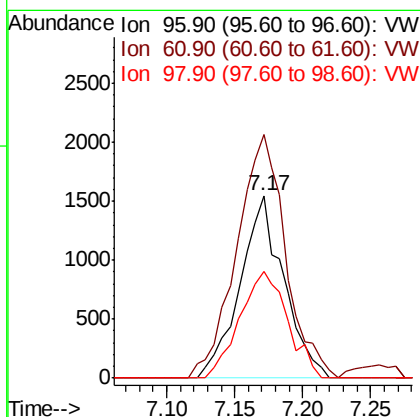
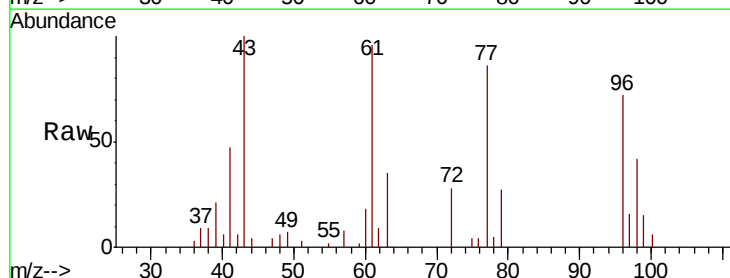
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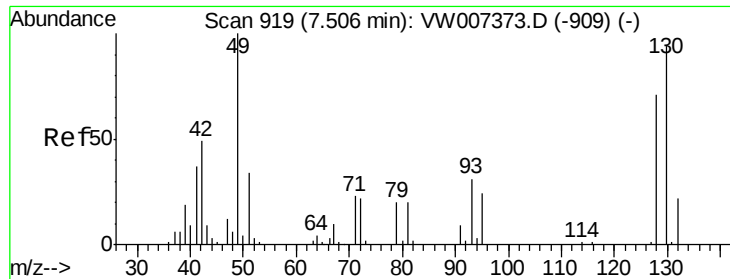
MMDadoda
 12/12/2018 2:42:35 PM



#27
 cis-1,2-Dichloroethene
 Concen: 49.685 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 96 Resp: 3459
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 268.4
 98 64.0 0.0 127.8





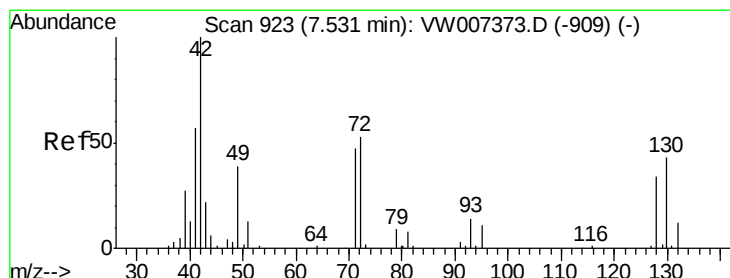
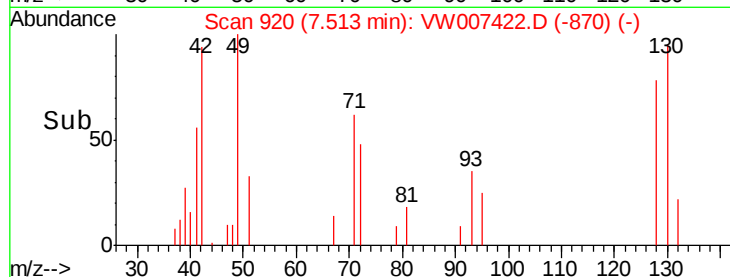
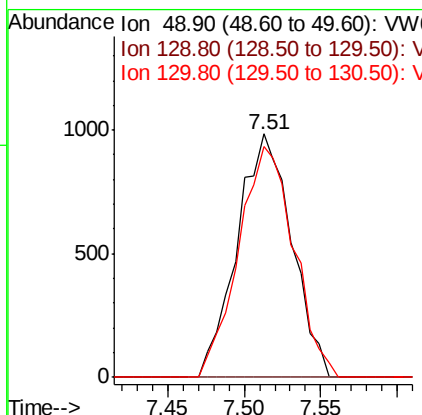
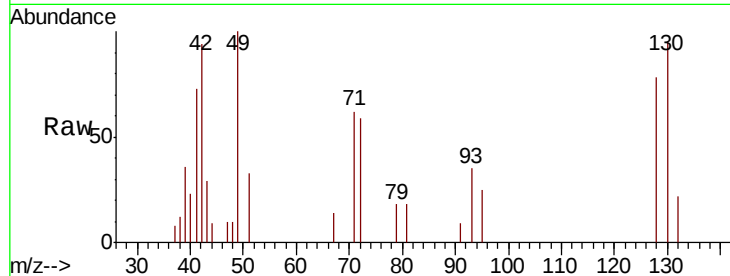
#28
Bromochloromethane
Concen: 59.503 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	96.3	75.9	113.9

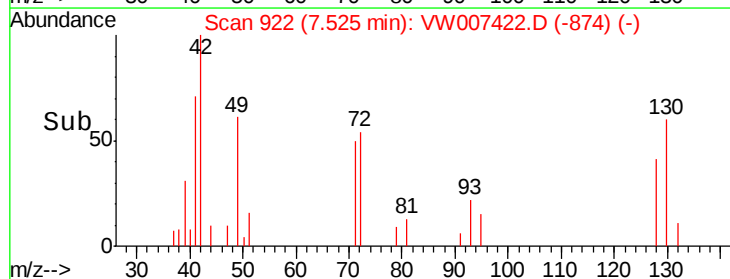
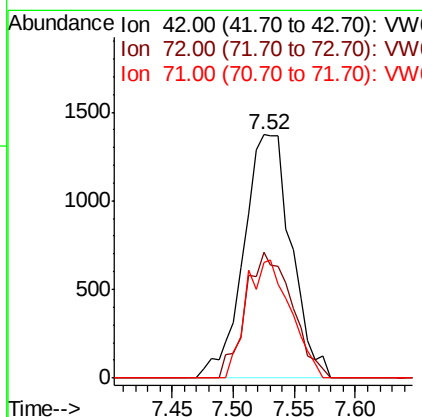
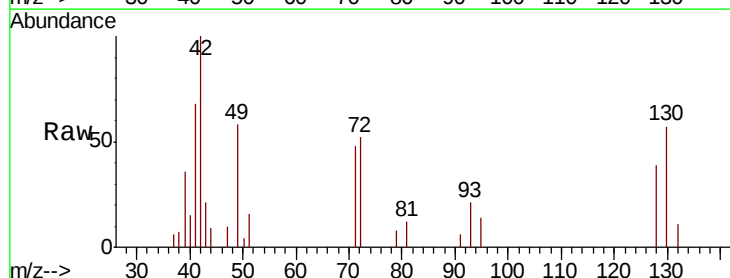
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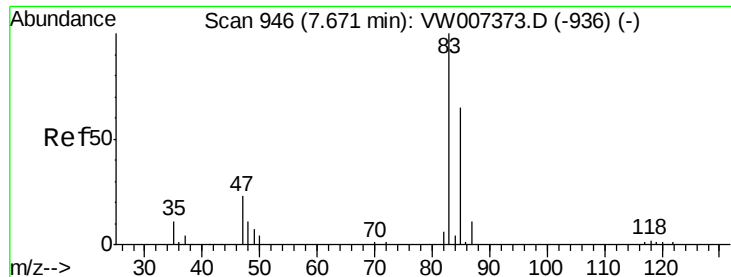
MMDadoda
12/12/2018 2:42:35 PM



#29
Tetrahydrofuran
Concen: 401.318 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.3	38.2	57.4
71	45.2	35.5	53.3





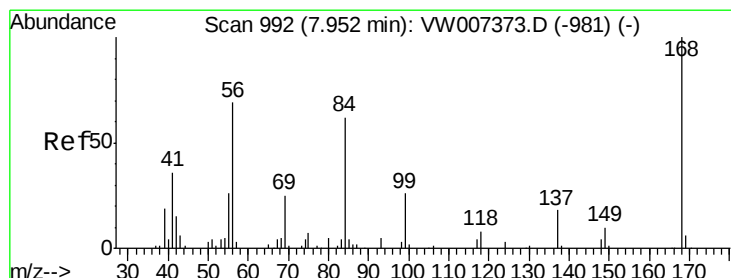
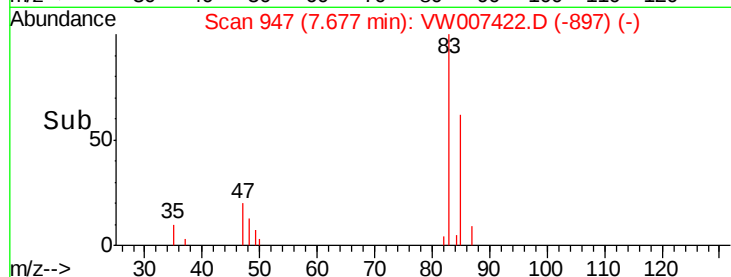
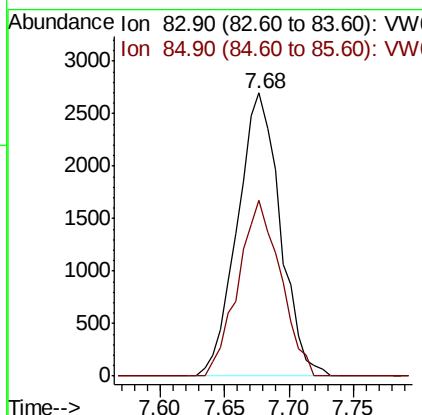
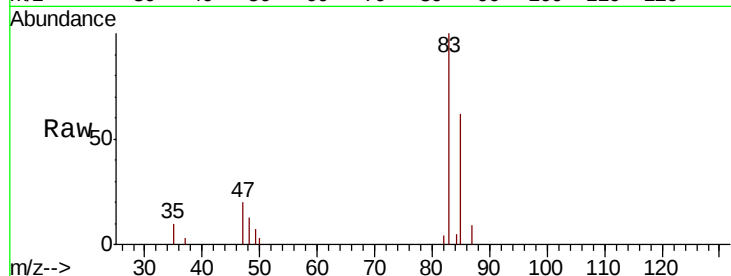
#30
Chloroform
Concen: 52.431 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion: 83 Resp: 6210
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8

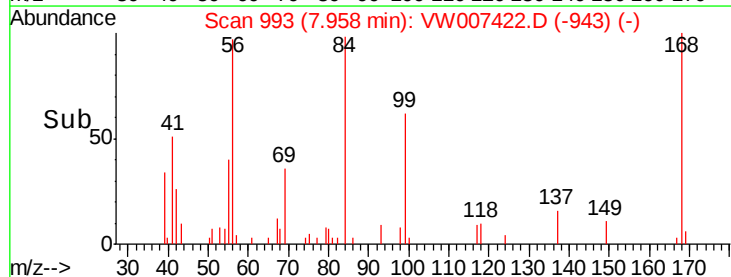
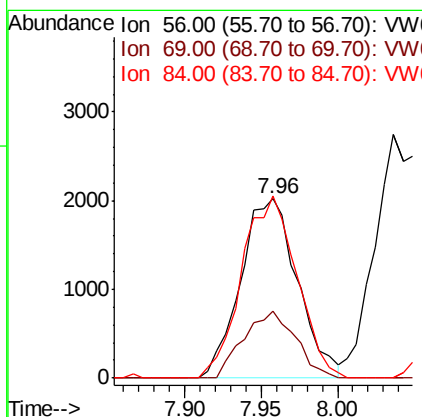
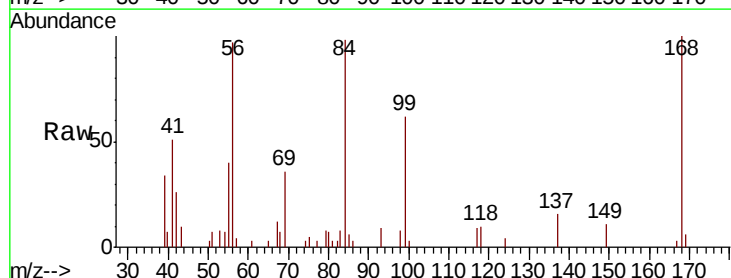
Manual Integrations
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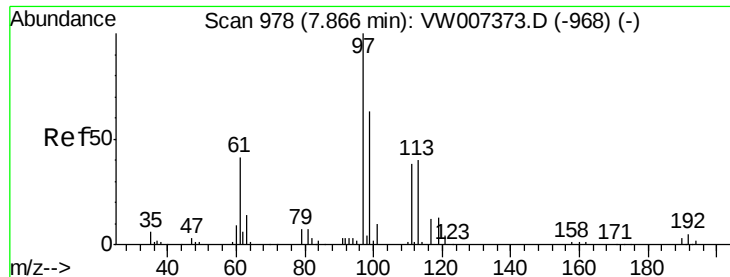
MMDadoda
12/12/2018 2:42:35 PM



#31
Cyclohexane
Concen: 52.335 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 56 Resp: 5226
Ion Ratio Lower Upper
56 100
69 37.3 28.9 43.3
84 101.4 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 58.643 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

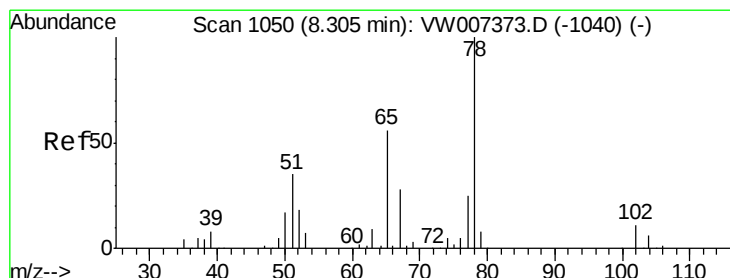
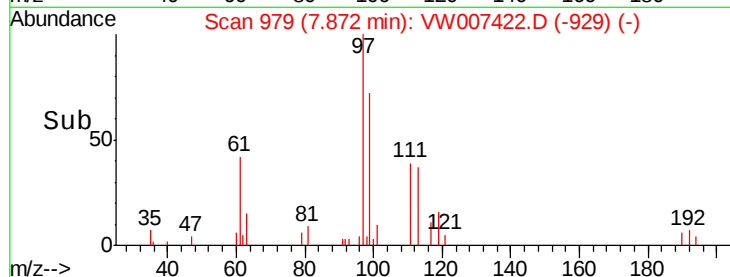
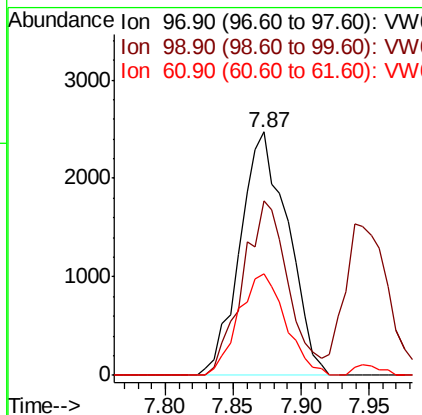
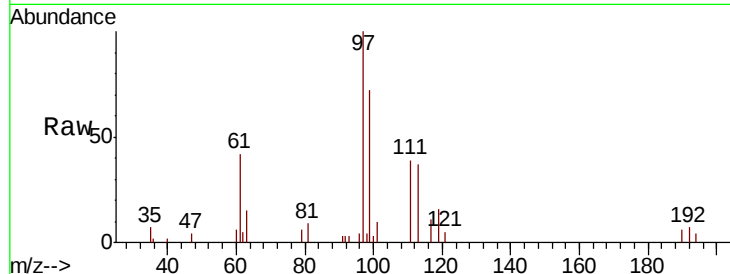
ClientSampleId :

S32-0632MSD

Tot Ion:	97	Resp:	6091
Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.1	76.7
61	40.8	33.2	49.8

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 56.643 ug/l

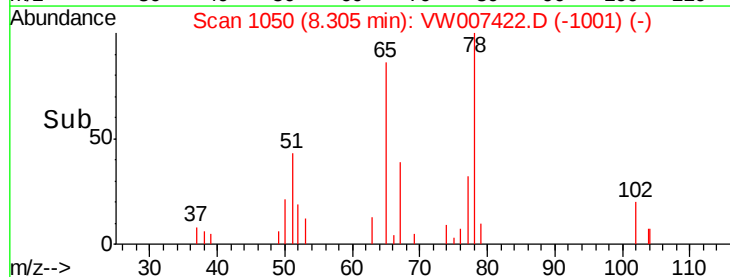
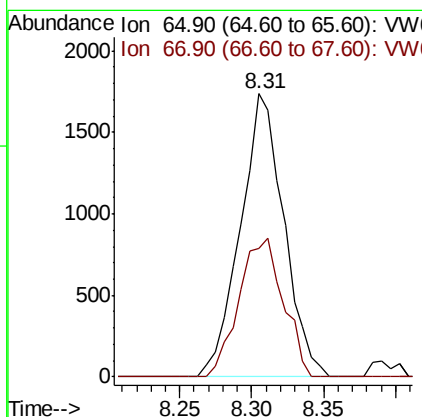
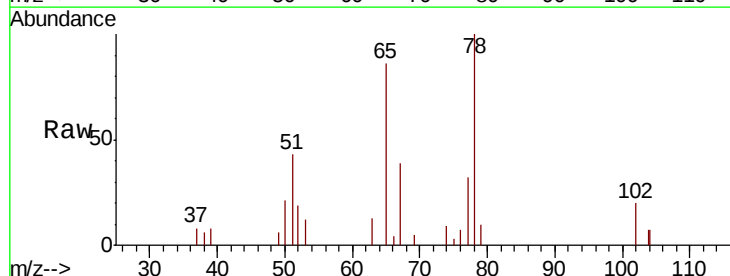
RT: 8.31 min Scan# 1050

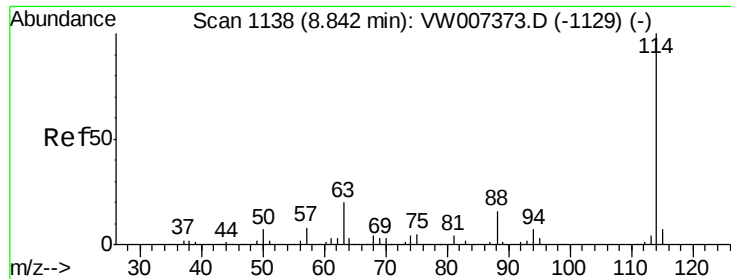
Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion:	65	Resp:	3641
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.6





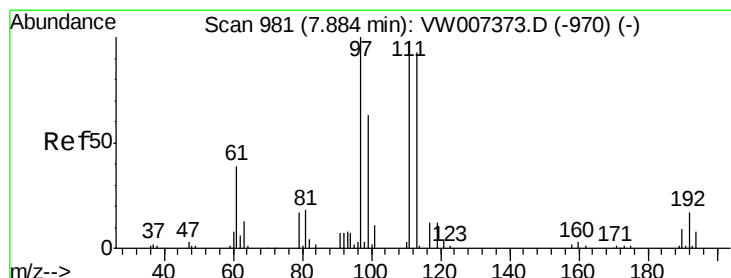
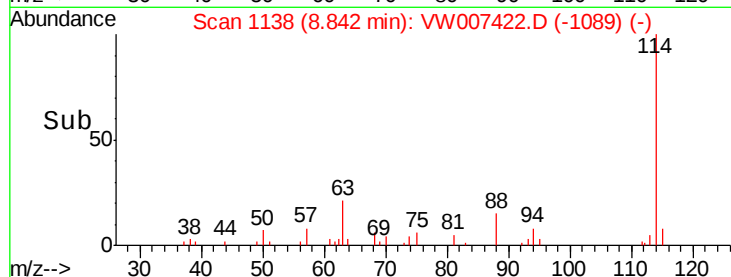
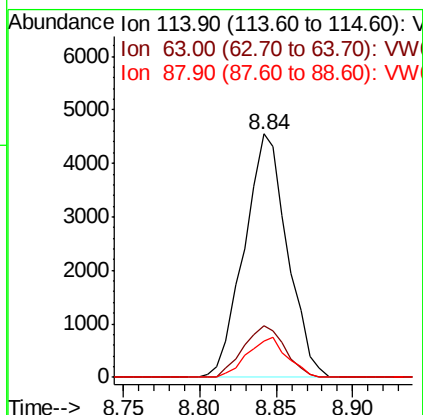
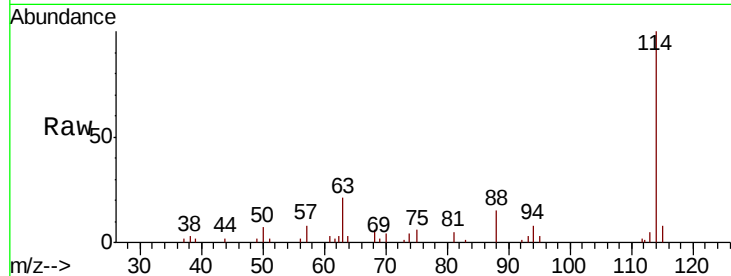
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.6
88	15.1	0.0	31.4

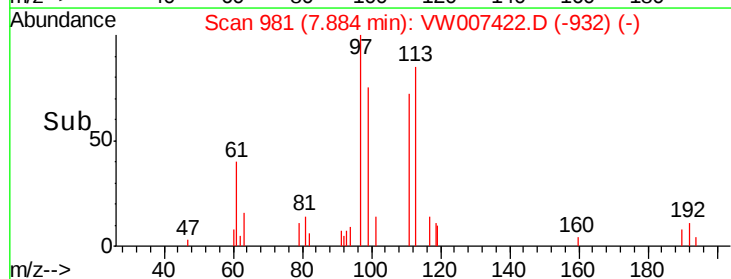
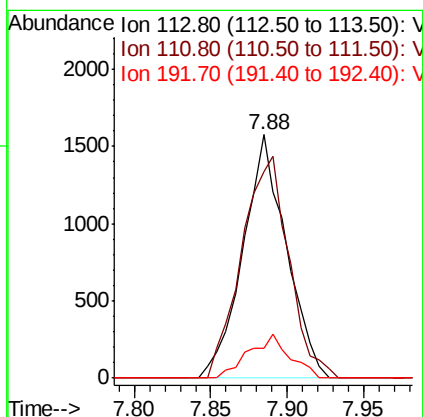
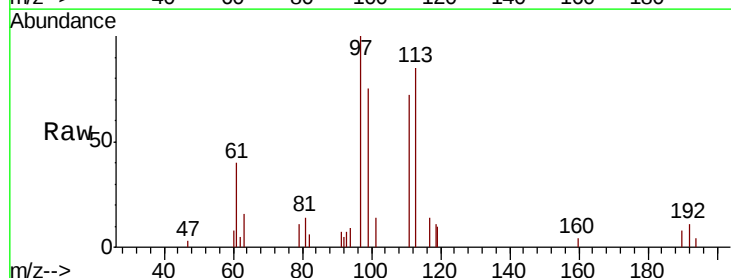
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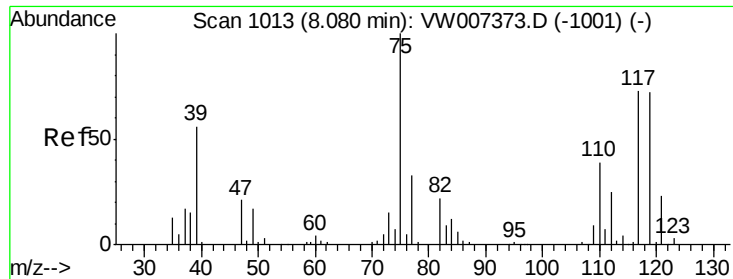
MMDadoda
12/12/2018 2:42:35 PM



#35
Dibromofluoromethane
Concen: 57.596 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.1	121.7
192	17.1	14.6	21.8





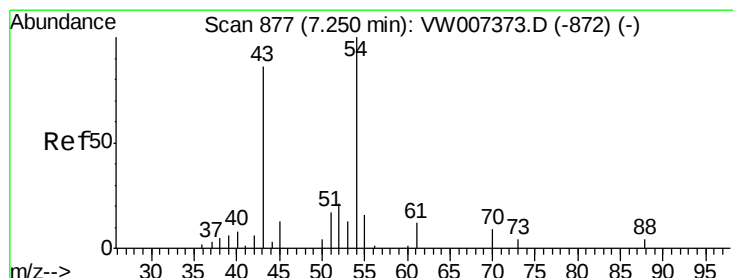
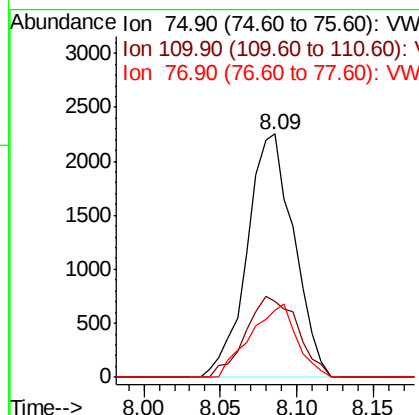
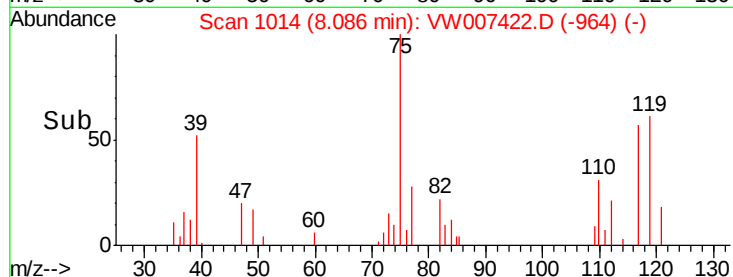
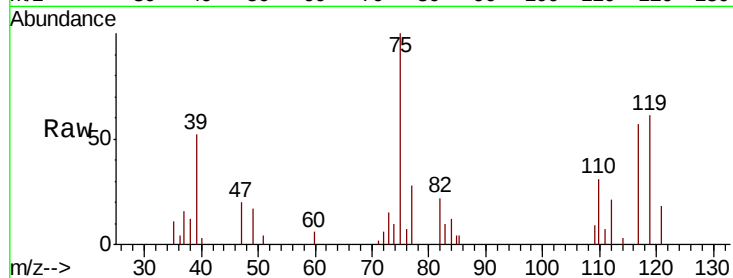
#36
 1,1-Dichloropropene
 Concen: 58.986 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.5	55.5
77	29.8	25.6	38.4

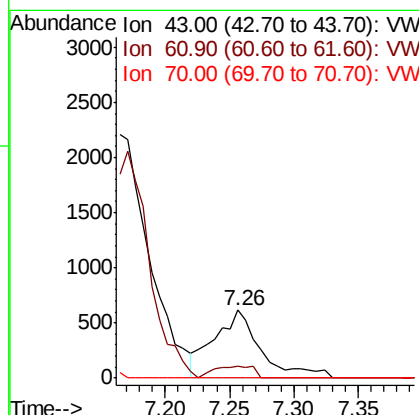
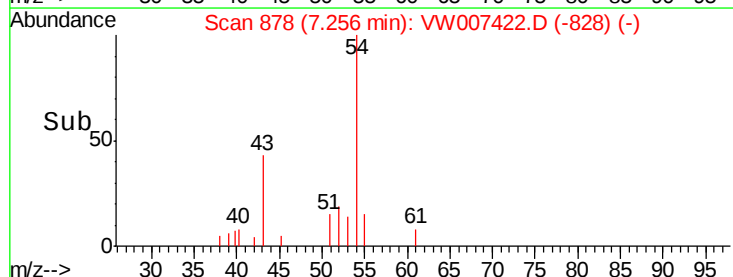
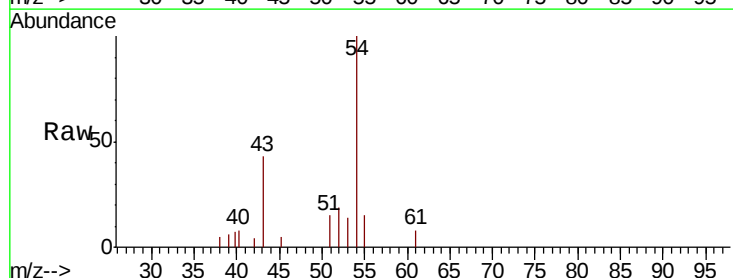
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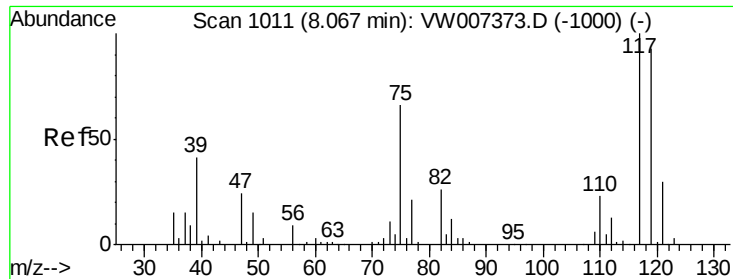
MMDadoda
 12/12/2018 2:42:35 PM



#37
 Ethyl Acetate
 Concen: 51.793 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	0.0	10.0	15.0#





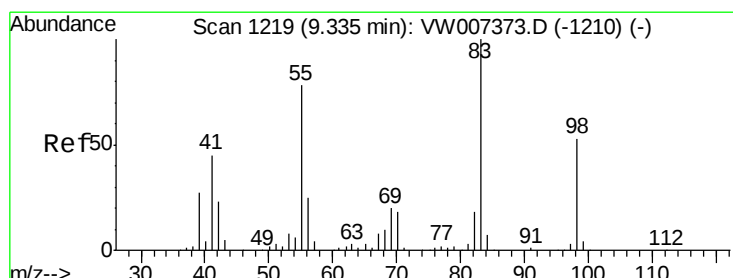
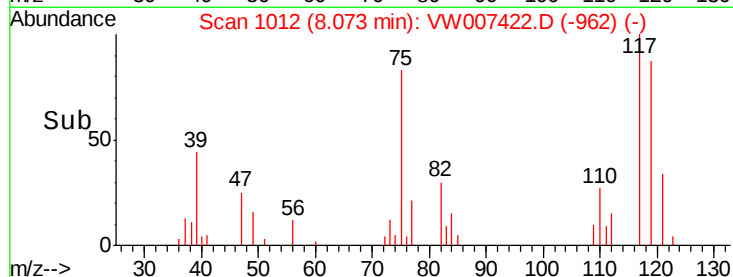
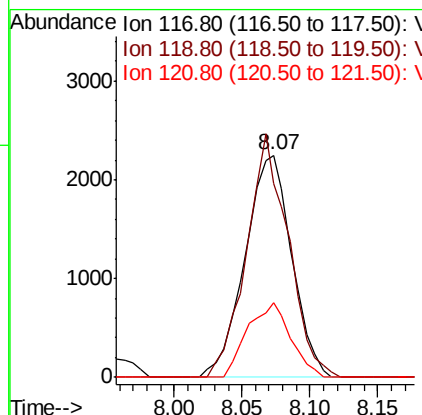
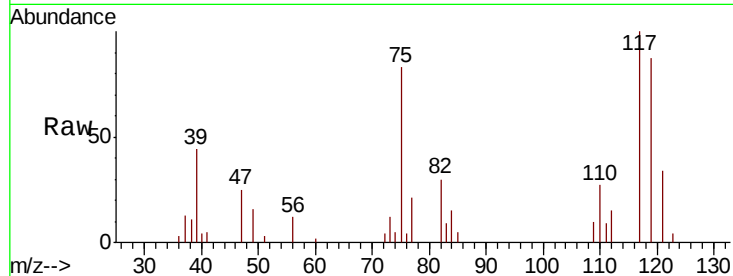
#38
Carbon Tetrachloride
Concen: 61.014 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:117 Resp: 5390
Ion Ratio Lower Upper
117 100
119 87.3 74.3 111.5
121 33.5 24.3 36.5

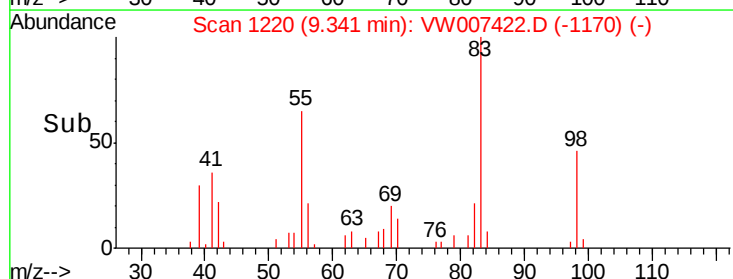
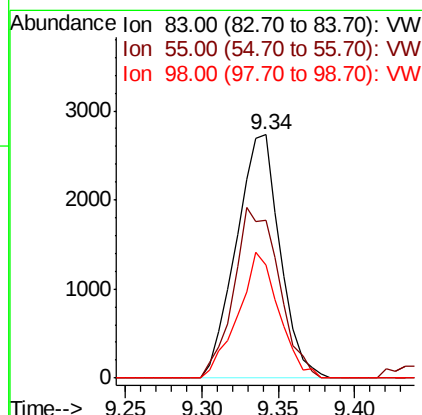
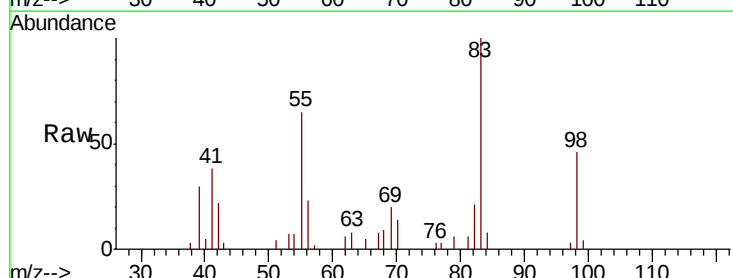
Manual Integrations
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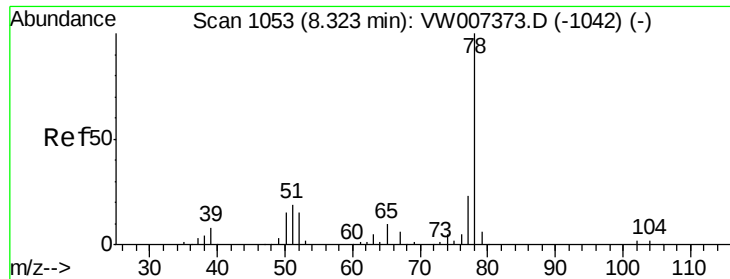
MMDadoda
12/12/2018 2:42:35 PM



#39
Methylcyclohexane
Concen: 55.273 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 83 Resp: 5434
Ion Ratio Lower Upper
83 100
55 64.9 62.8 94.2
98 46.4 42.2 63.2





#40

Benzene

Concen: 56.144 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion: 78 Resp: 12650

Ion Ratio Lower Upper

78 100

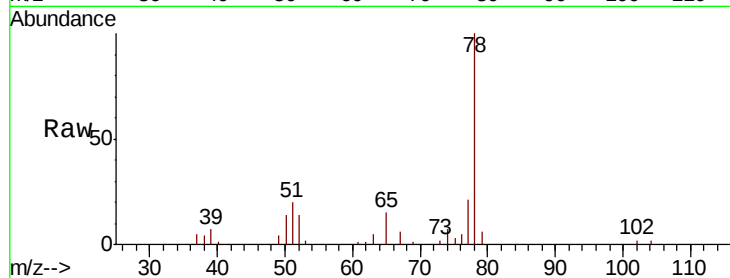
77 21.4 18.8 28.2

Manual Integrations

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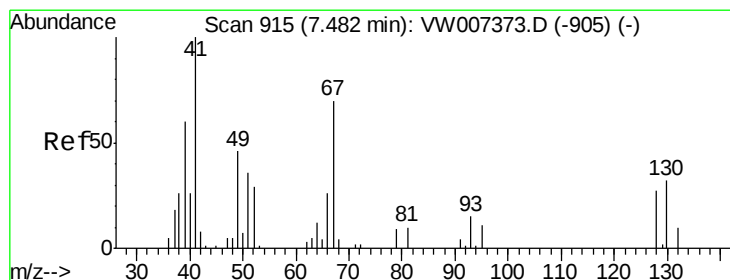
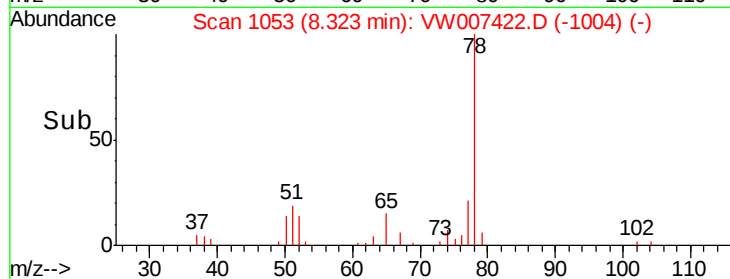
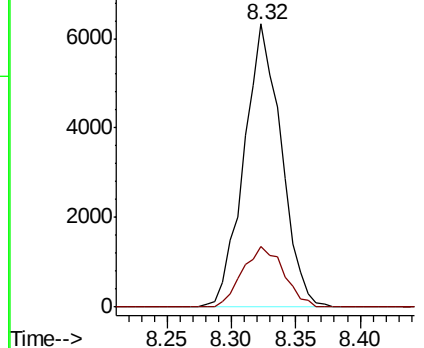
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#41

Methacrylonitrile

Concen: 56.816 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion: 41 Resp: 977

Ion Ratio Lower Upper

41 100

39 115.1 52.2 78.2#

67 115.1 60.5 90.7#

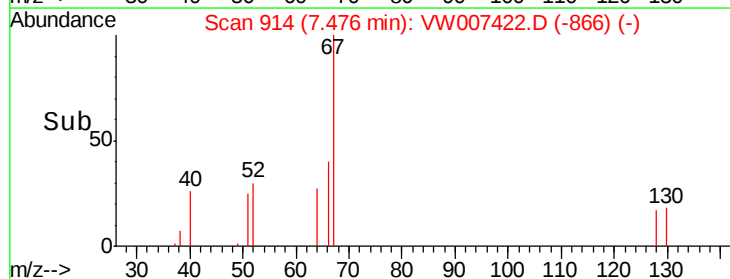
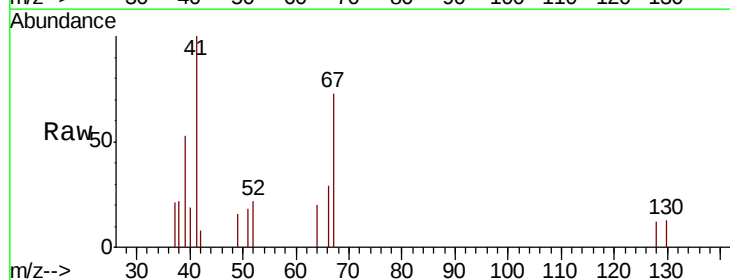
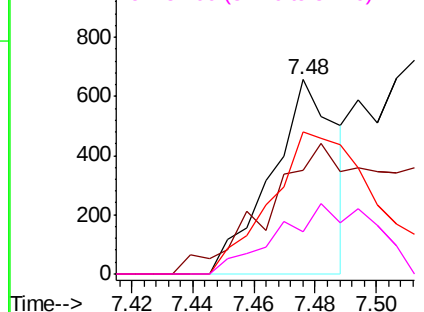
52 53.2 25.3 37.9#

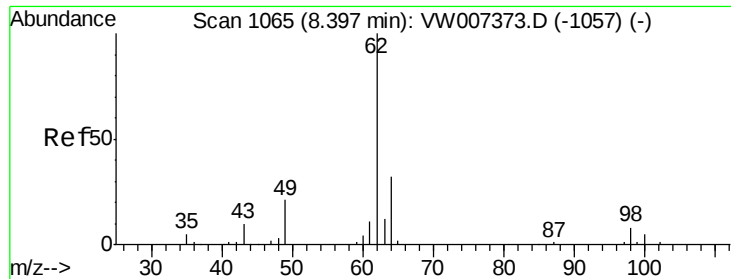
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





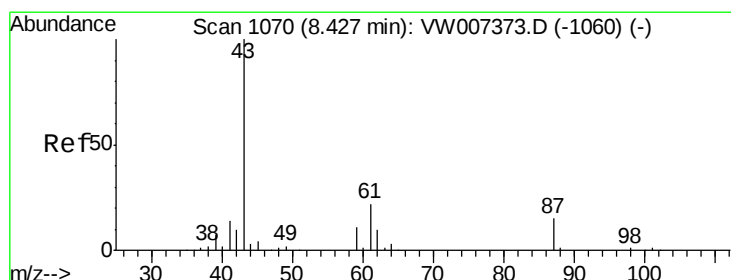
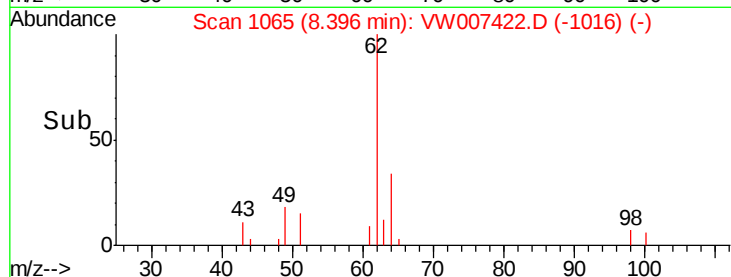
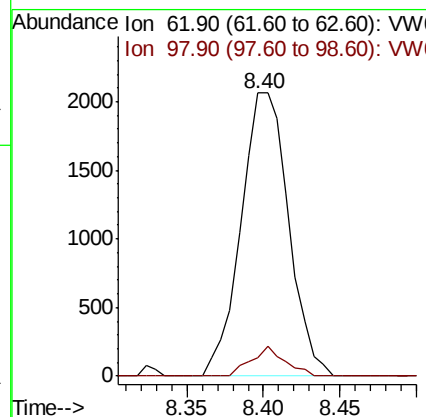
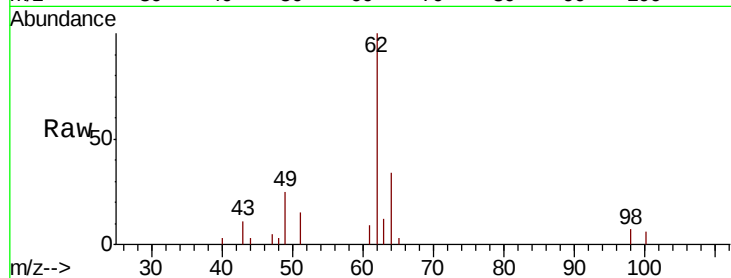
#42
 1,2-Dichloroethane
 Concen: 63.184 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	17.6

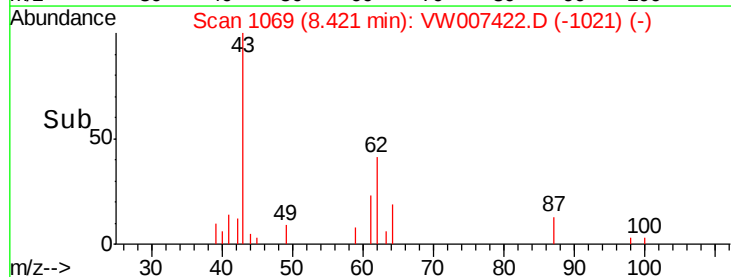
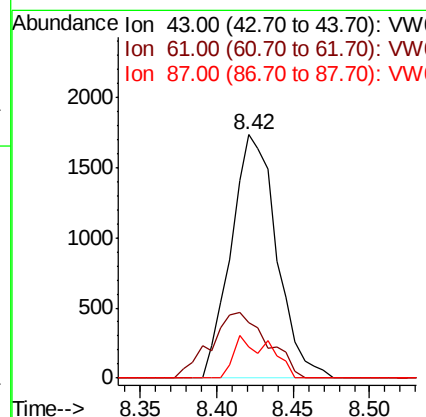
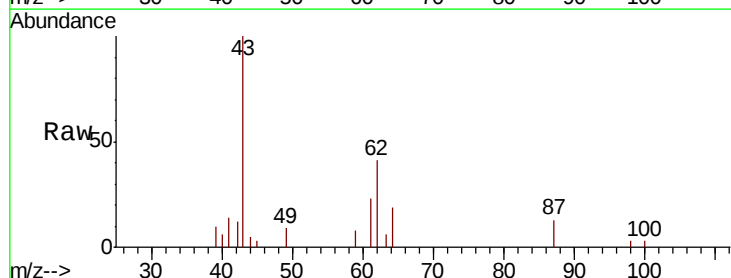
Manual Integrations
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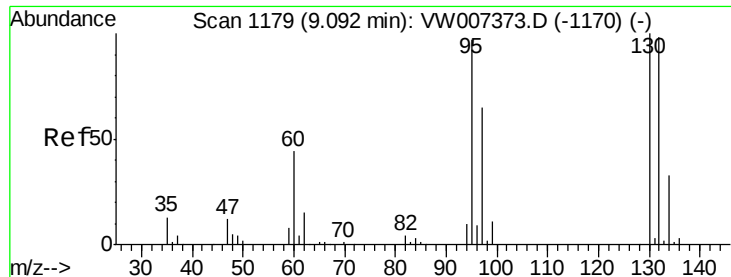
MMDadoda
 12/12/2018 2:42:35 PM



#43
 Isopropyl Acetate
 Concen: 60.219 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.3	37.9
87	13.7	11.8	17.8





#44

Trichloroethene

Concen: 57.134 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion:130 Resp: 3676

Ion Ratio Lower Upper

130 100

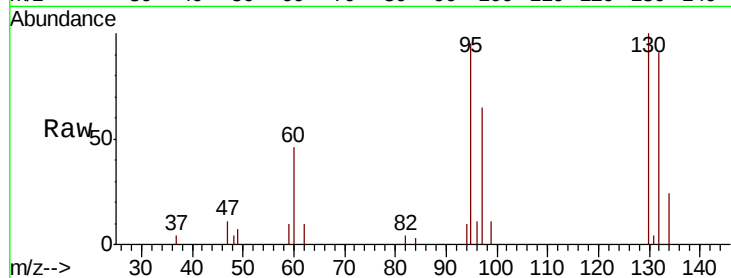
95 94.9 0.0 193.2

Manual Integrations

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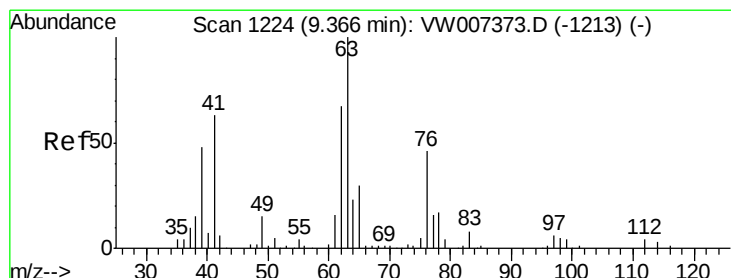
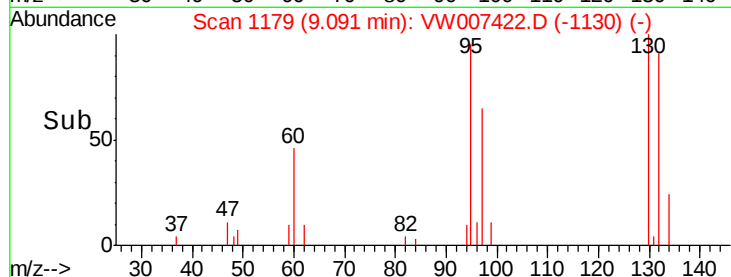
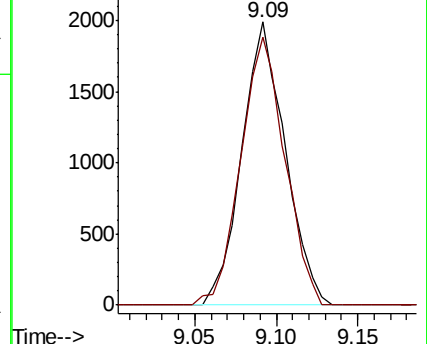
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 58.688 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007422.D

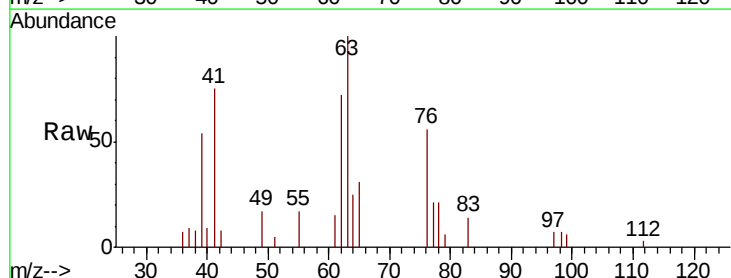
Acq: 12 Dec 2018 04:47

Tgt Ion: 63 Resp: 3060

Ion Ratio Lower Upper

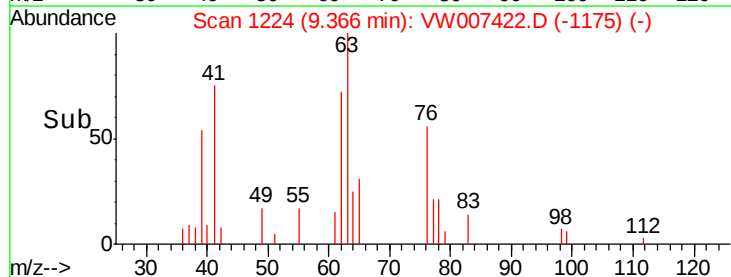
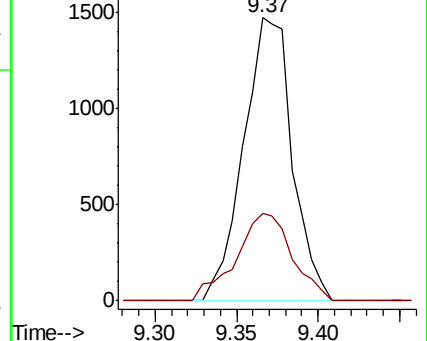
63 100

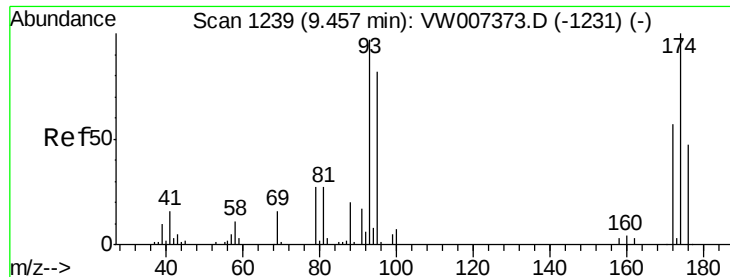
65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 65.925 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

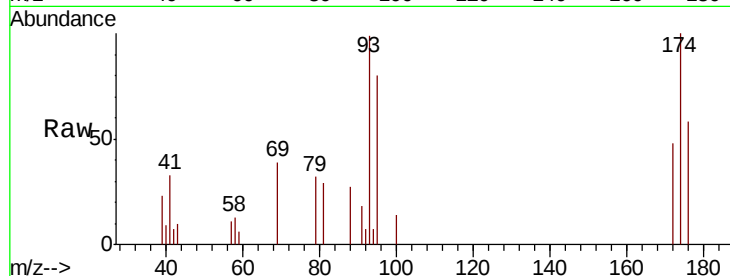
ClientSampleId :

S32-0632MSD

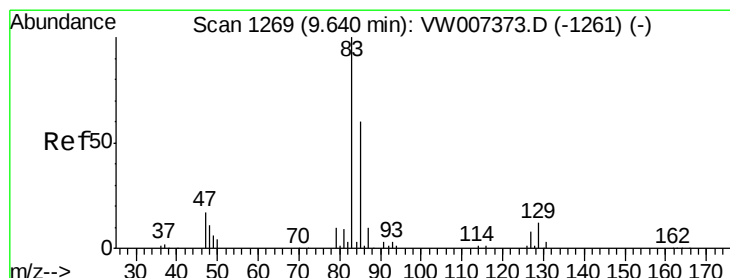
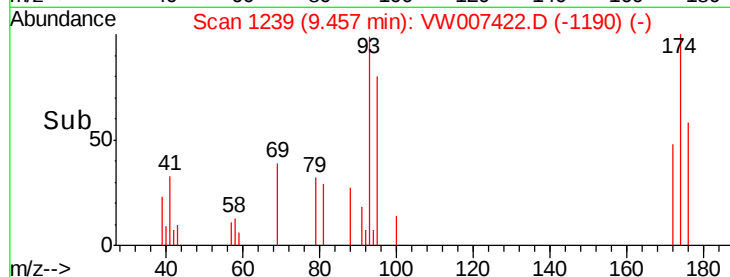
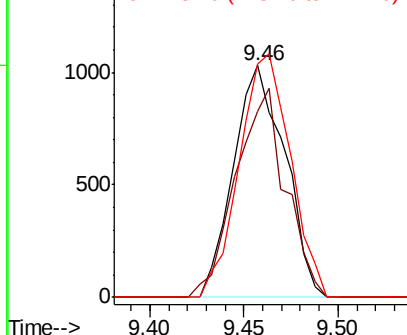
Tot Ion:	93	Resp:	1952
Ion	Ratio	Lower	Upper
93	100		
95	87.1	68.0	102.0
174	104.3	83.2	124.8

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Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 58.532 ug/l

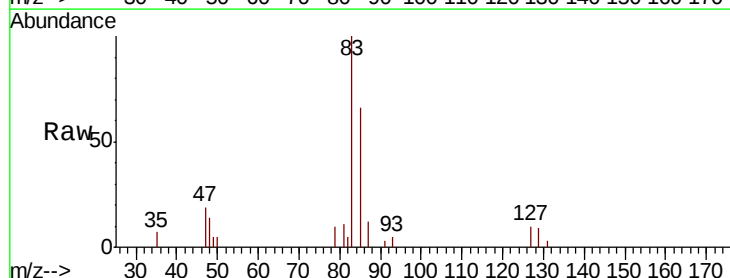
RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

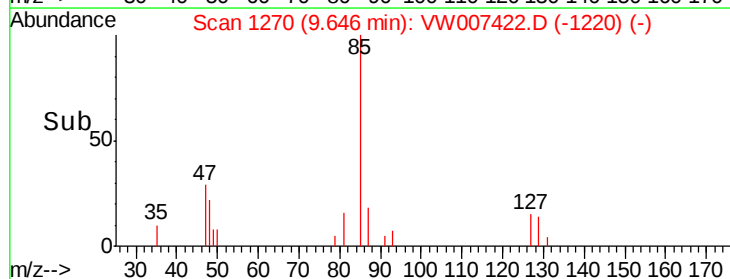
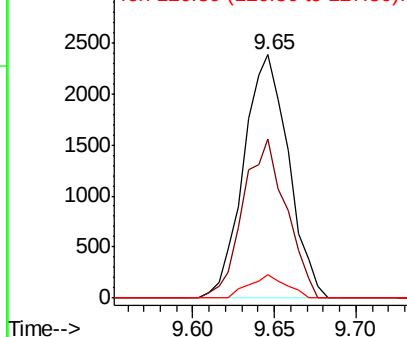
Lab File: VW007422.D

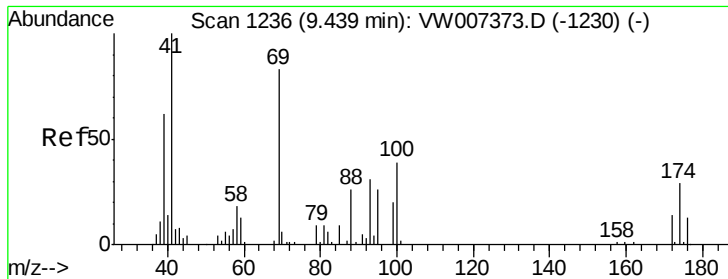
Acq: 12 Dec 2018 04:47

Tgt Ion:	83	Resp:	4546
Ion	Ratio	Lower	Upper
83	100		
85	65.6	47.6	71.4
127	9.6	6.7	10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V





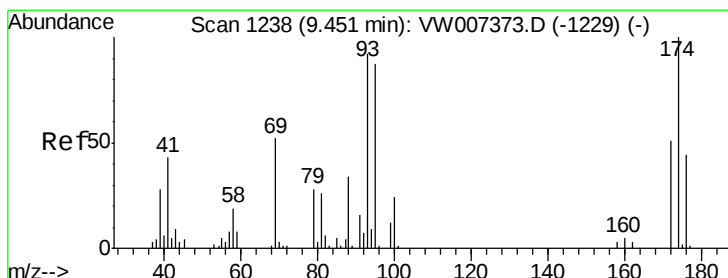
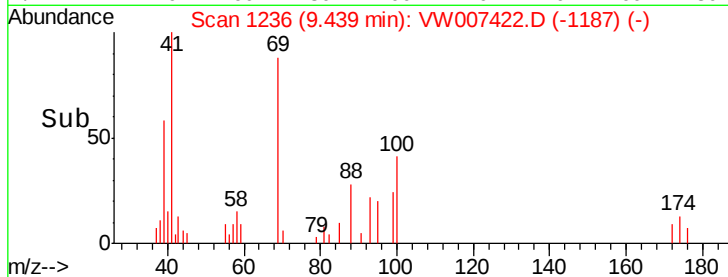
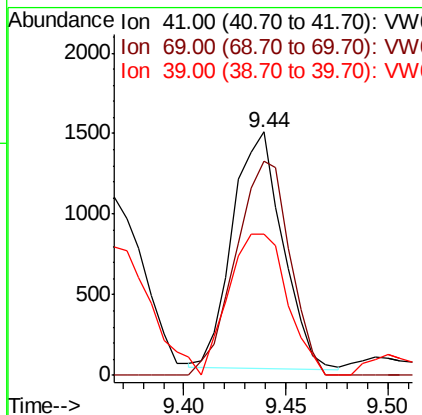
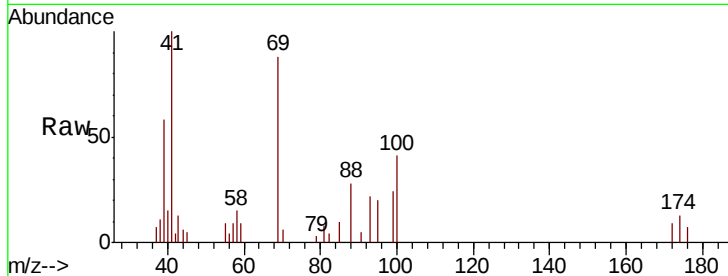
#48
Methvl methacrylate
Concen: 81.869 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
41	100		
69	97.8	69.8	104.8
39	69.8	50.9	76.3

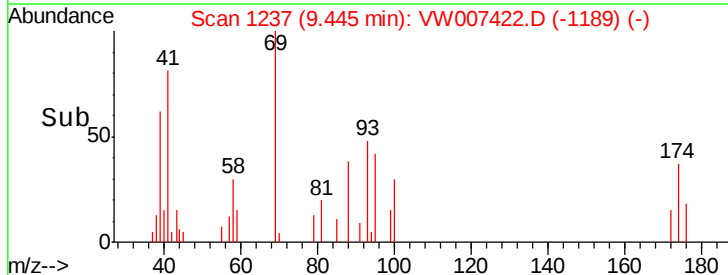
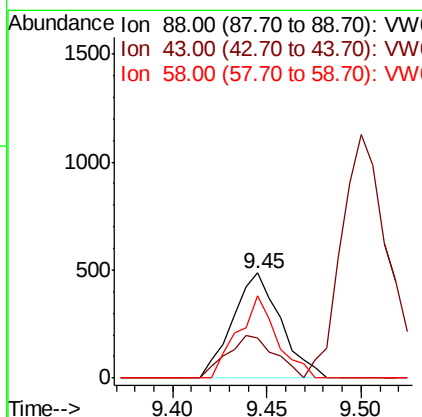
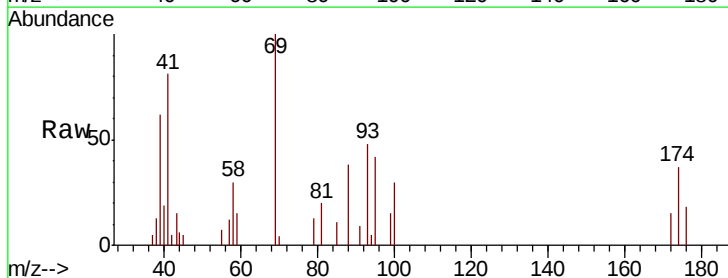
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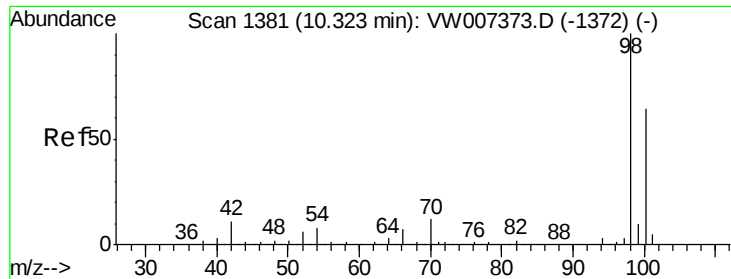
MMDadoda
12/12/2018 2:42:35 PM



#49
1,4-Dioxane
Concen: 1783.795 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.1	25.0	37.4#
58	63.7	51.4	77.2





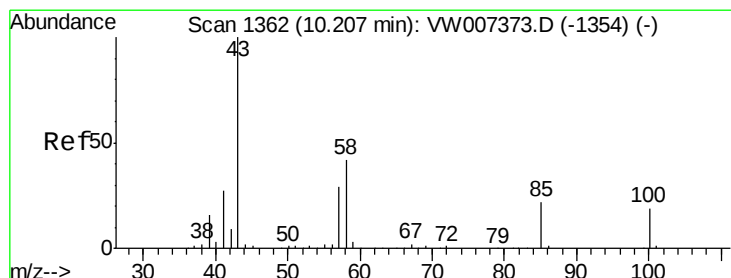
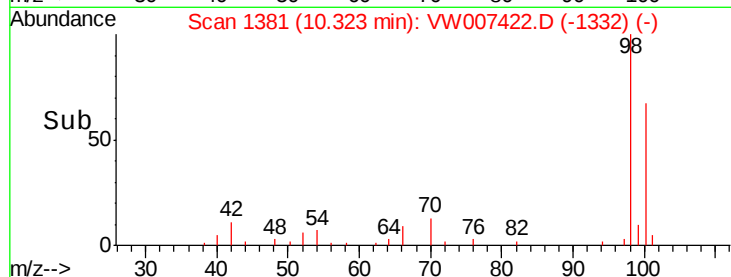
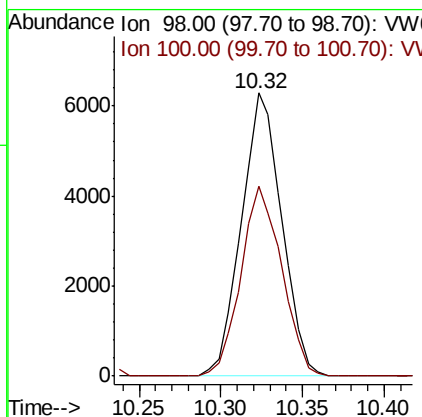
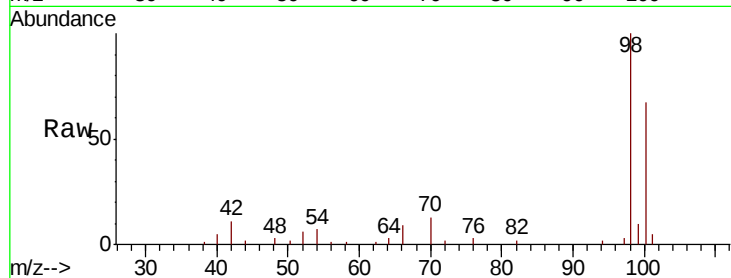
#50
Toluene-d8
Concen: 53.430 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion: 98 Resp: 10793
Ion Ratio Lower Upper
98 100
100 68.0 51.8 77.8

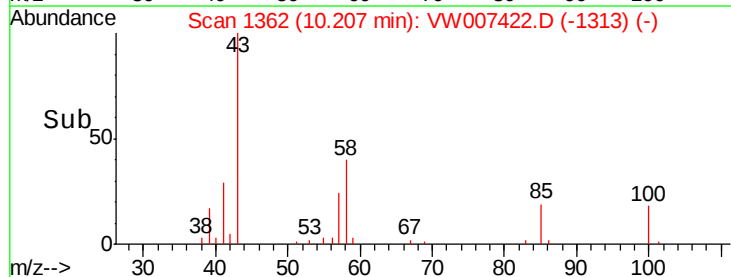
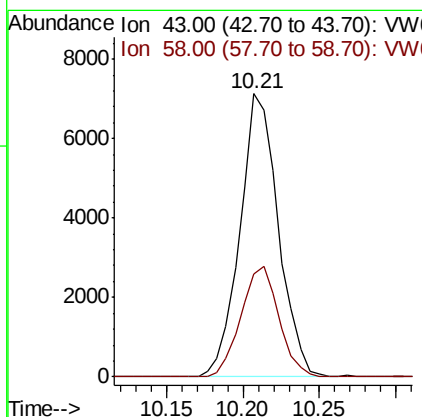
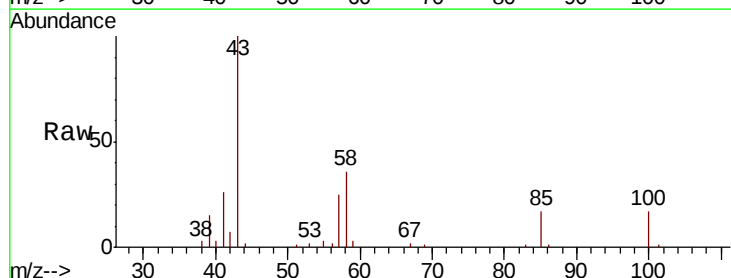
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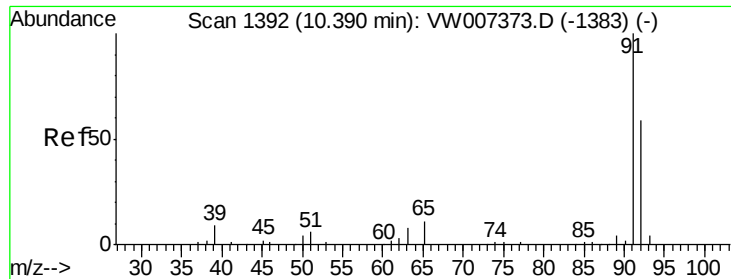
MMDadoda
12/12/2018 2:42:35 PM



#51
4-Methyl-2-Pentanone
Concen: 440.429 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 12413
Ion Ratio Lower Upper
43 100
58 38.7 33.1 49.7





#52

Toluene

Concen: 52.685 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion: 92 Resp: 7682

Ion Ratio Lower Upper

92 100

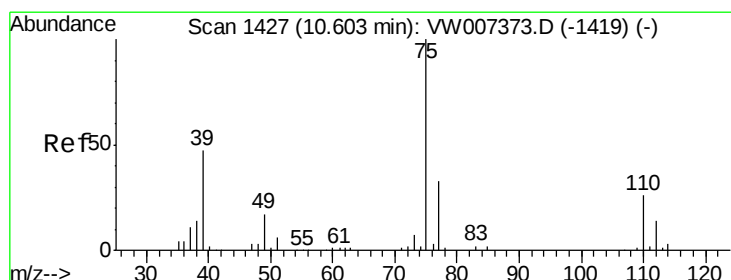
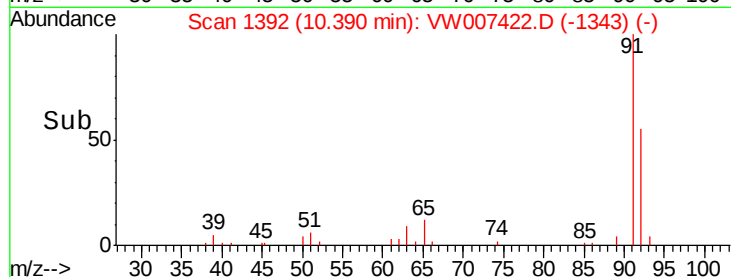
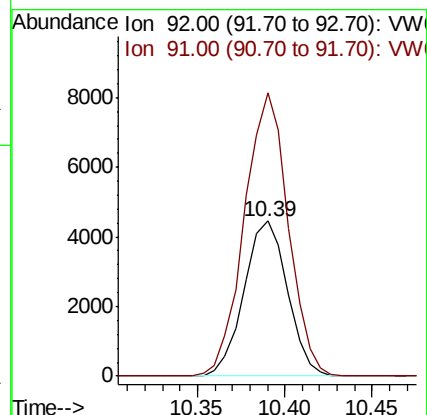
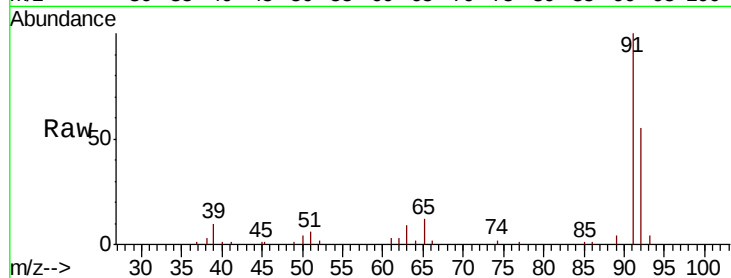
91 184.5 136.2 204.2

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12/12/2018 2:42:35 PM



#53

t-1,3-Dichloropropene

Concen: 57.612 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007422.D

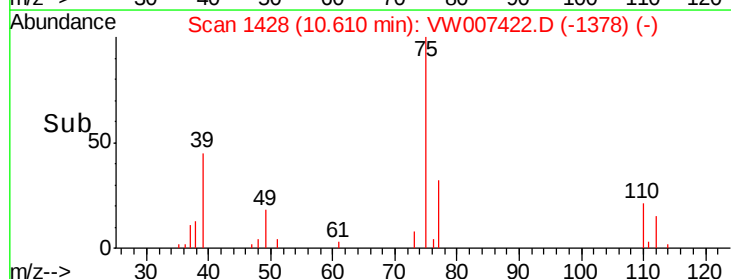
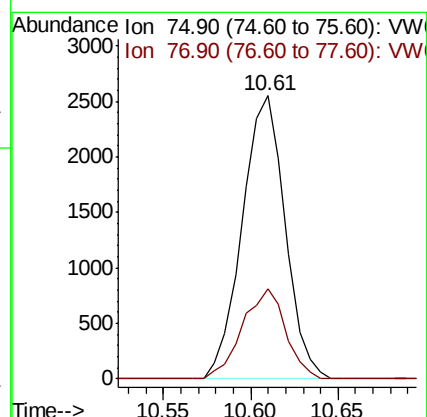
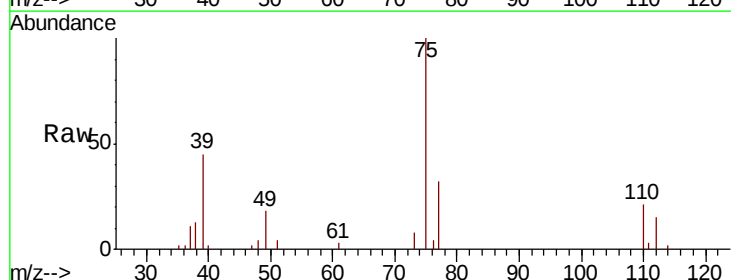
Acq: 12 Dec 2018 04:47

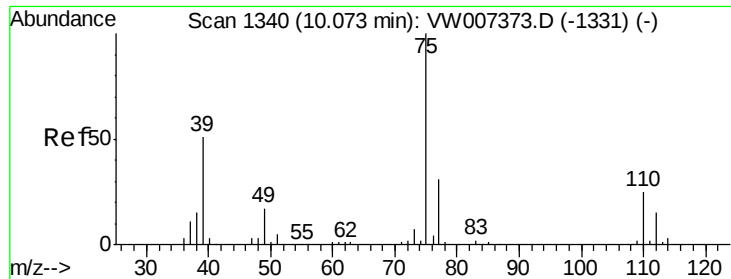
Tgt Ion: 75 Resp: 4344

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4





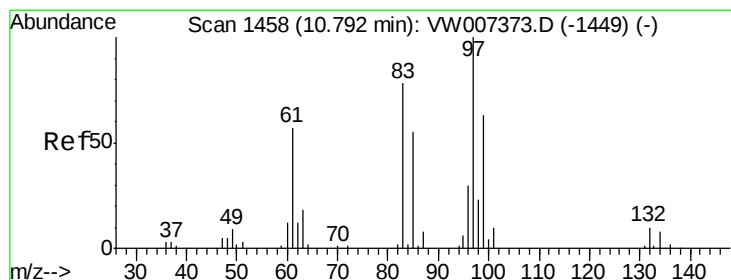
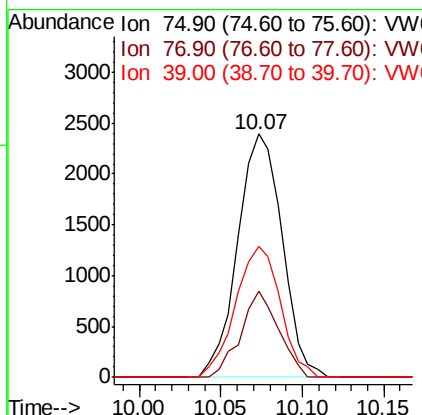
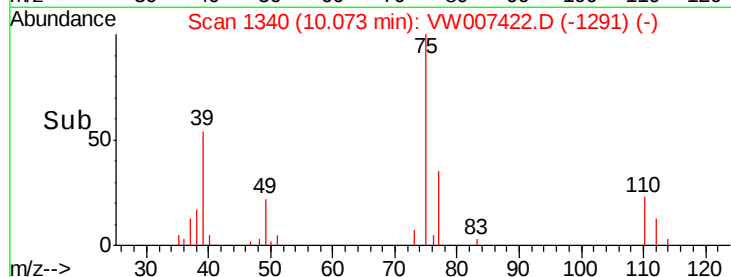
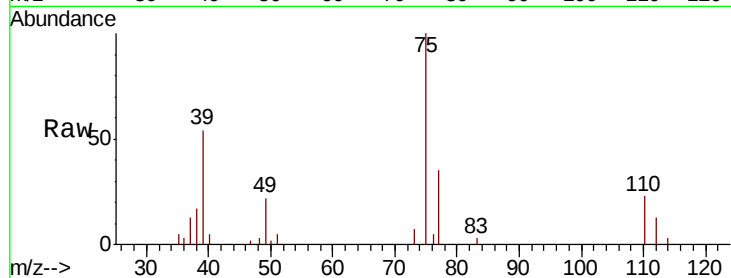
#54
 cis-1,3-Dichloropropene
 Concen: 52.223 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.4	24.8	37.2
39	53.8	40.9	61.3

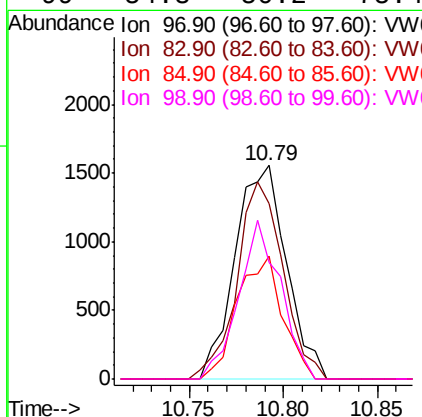
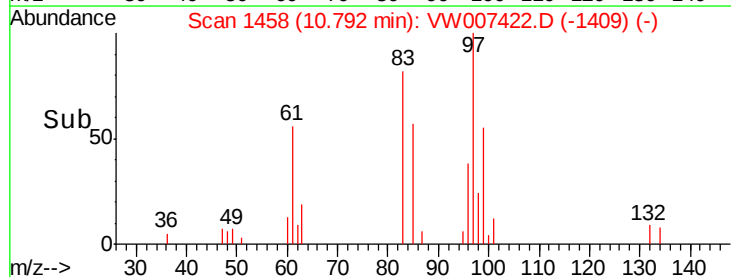
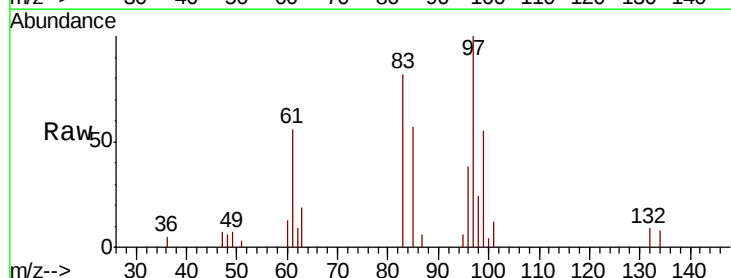
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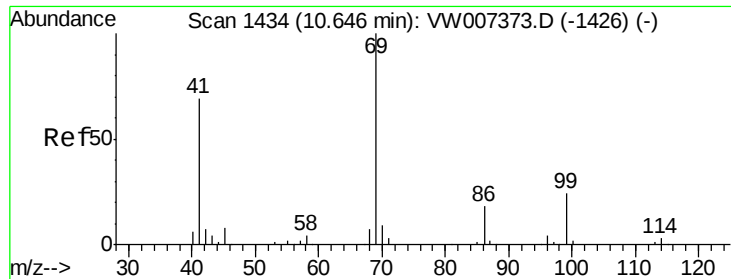
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#55
 1,1,2-Trichloroethane
 Concen: 72.707 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	62.1	93.1
85	57.3	44.2	66.4
99	54.8	50.2	75.4





#56

Ethyl methacrylate

Concen: 52.418 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

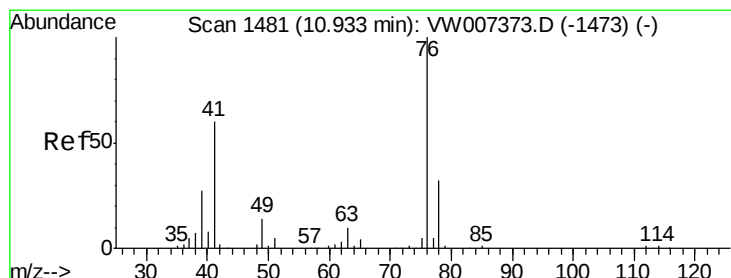
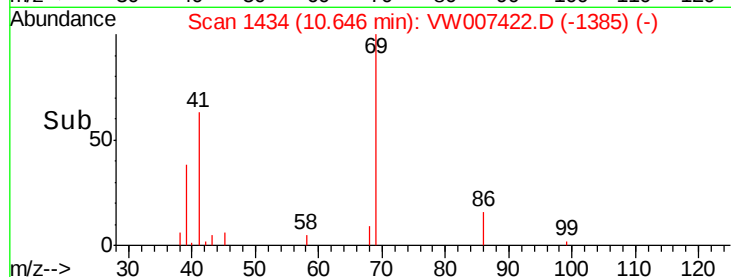
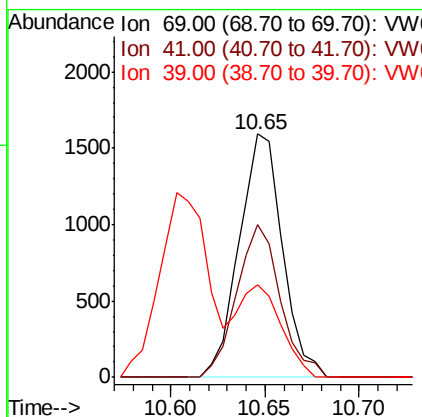
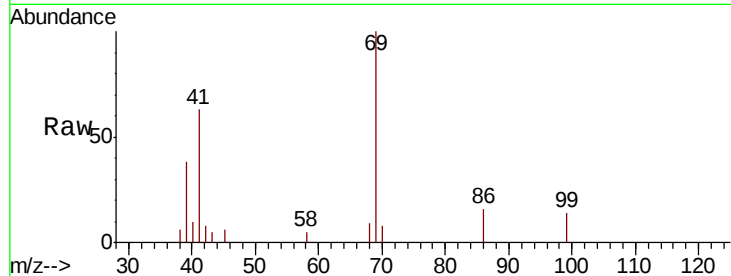
ClientSampleId :

S32-0632MSD

Tot Ion:	69	Resp:	2539
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.0	76.6
39	38.9	30.8	46.2

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 69.136 ug/l

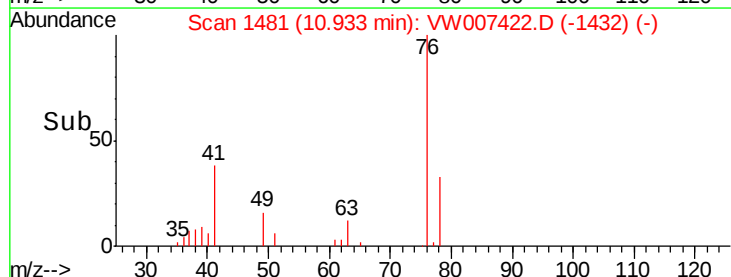
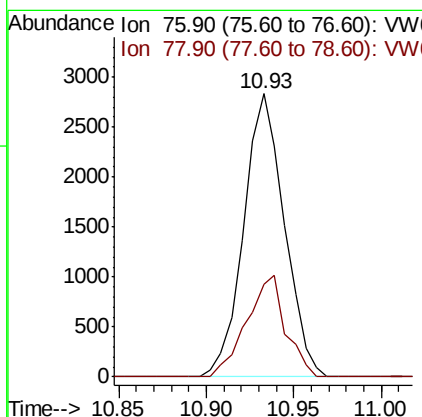
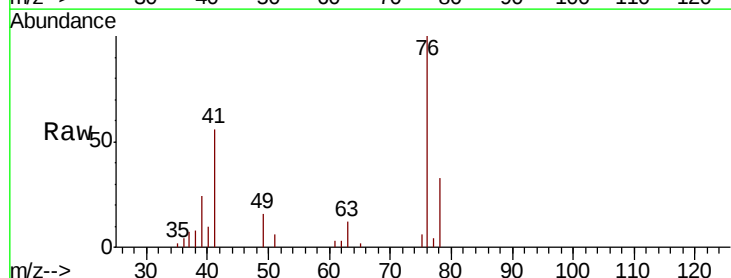
RT: 10.93 min Scan# 1481

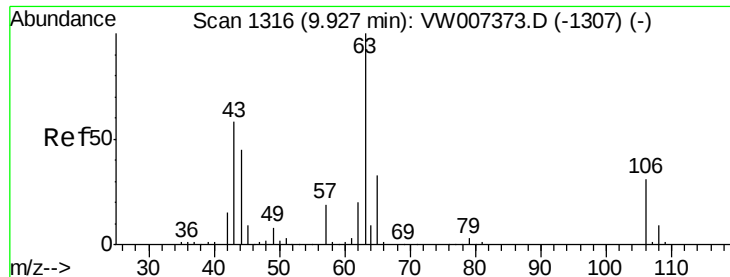
Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion:	76	Resp:	4573
Ion	Ratio	Lower	Upper
76	100		
78	34.5	26.2	39.4





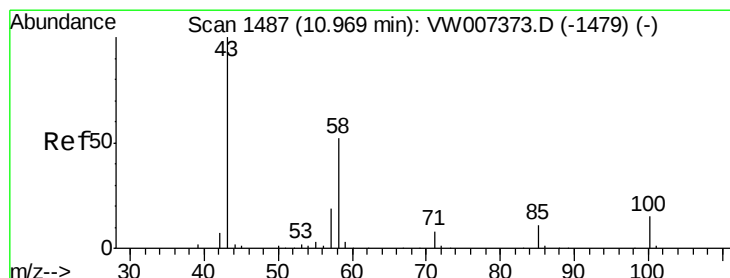
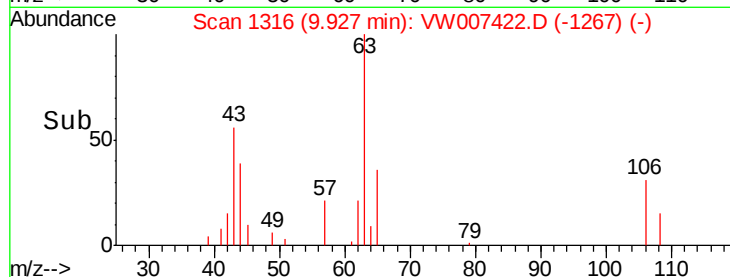
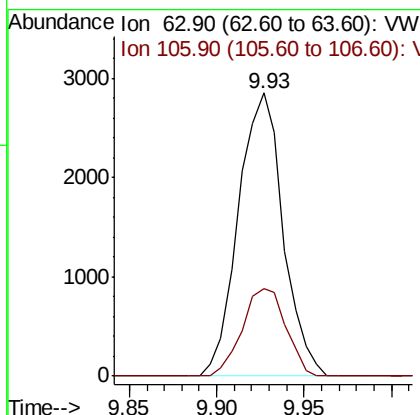
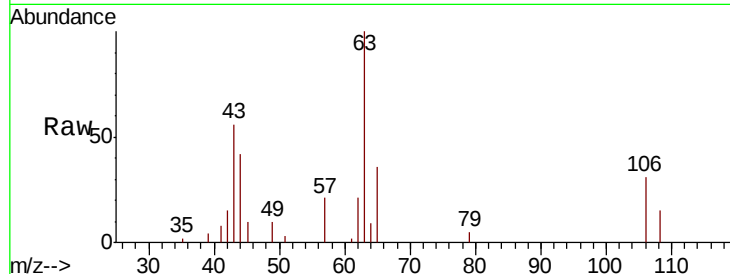
#58
 2-Chloroethyl Vinyl ether
 Concen: 226.800 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion: 63 Resp: 5066
 Ion Ratio Lower Upper
 63 100
 106 30.2 25.0 37.6

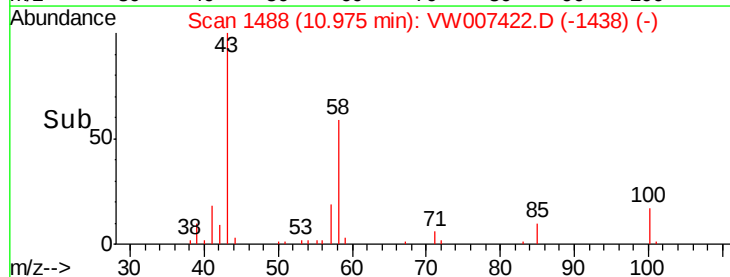
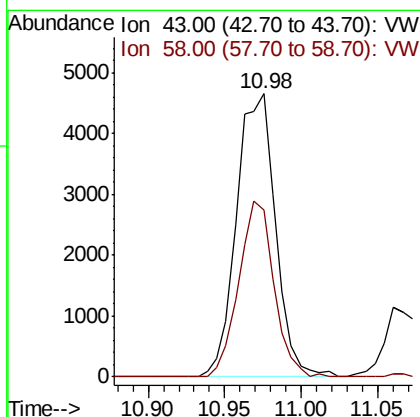
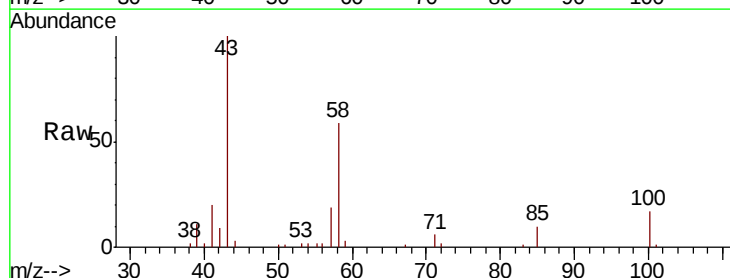
Manual Integrations
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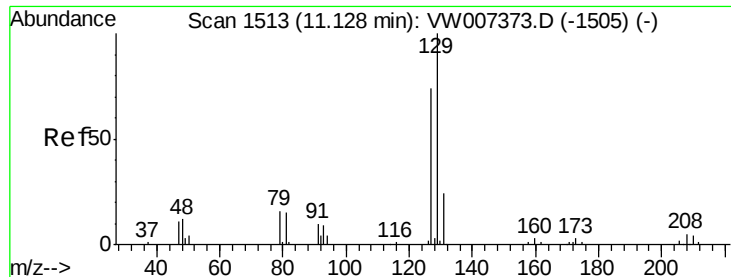
MMDadoda
 12/12/2018 2:42:35 PM



#59
 2-Hexanone
 Concen: 437.876 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 8229
 Ion Ratio Lower Upper
 43 100
 58 55.9 27.1 81.3





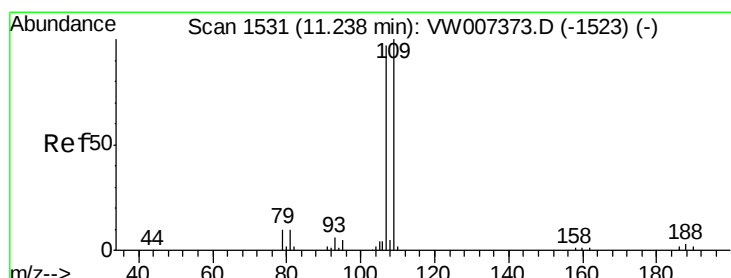
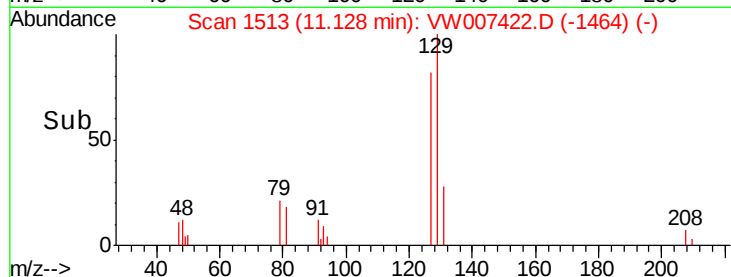
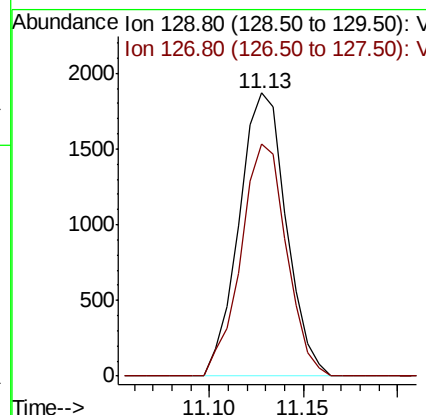
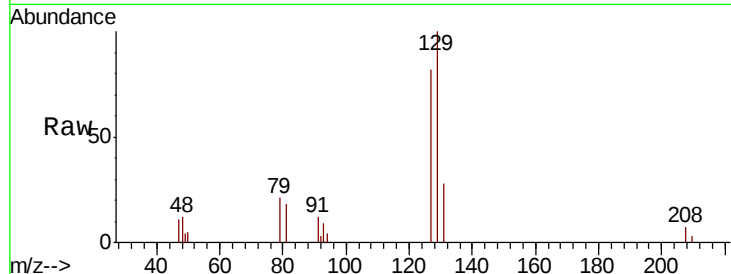
#60
Dibromochloromethane
Concen: 63.767 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:129 Resp: 3243
Ion Ratio Lower Upper
129 100
127 79.3 38.1 114.3

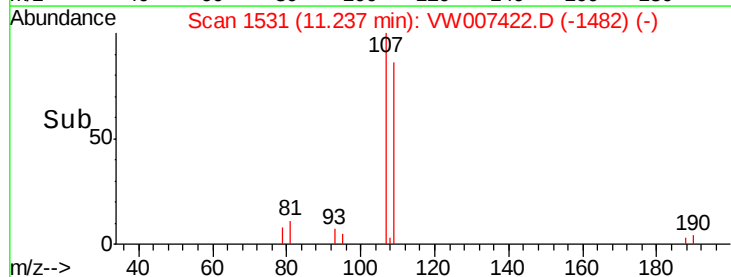
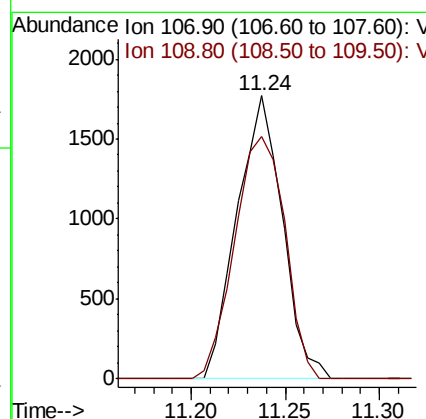
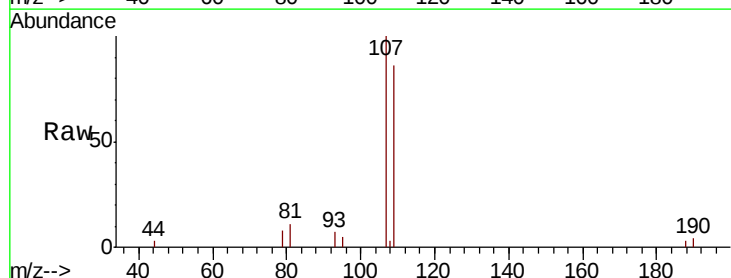
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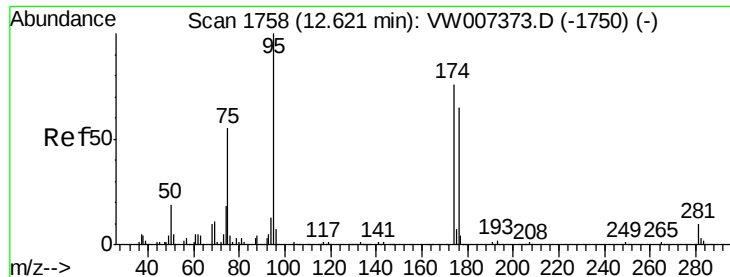
MMDadoda
12/12/2018 2:42:35 PM



#61
1,2-Dibromoethane
Concen: 74.226 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:107 Resp: 2956
Ion Ratio Lower Upper
107 100
109 95.1 79.1 118.7





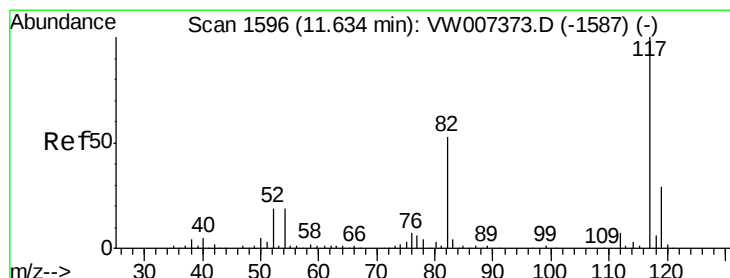
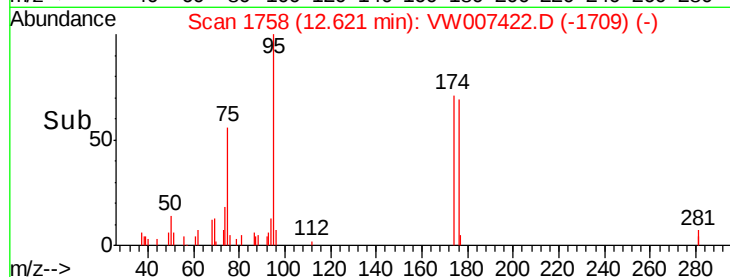
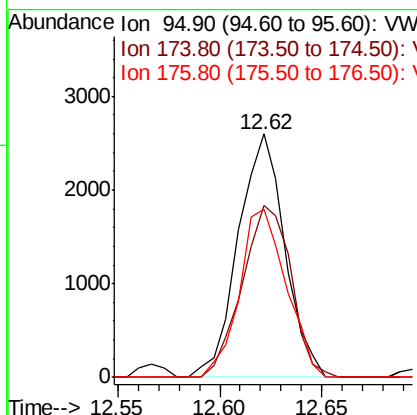
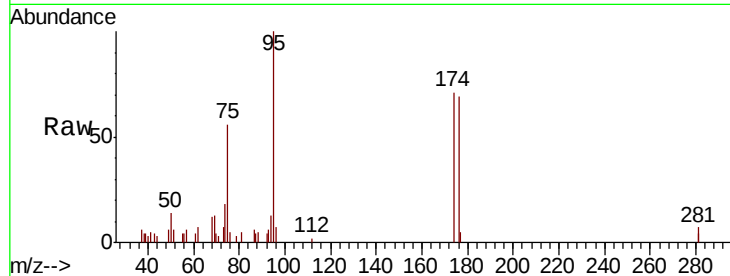
#62
4-Bromofluorobenzene
Concen: 55.405 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	147.2
176	69.8	0.0	138.8

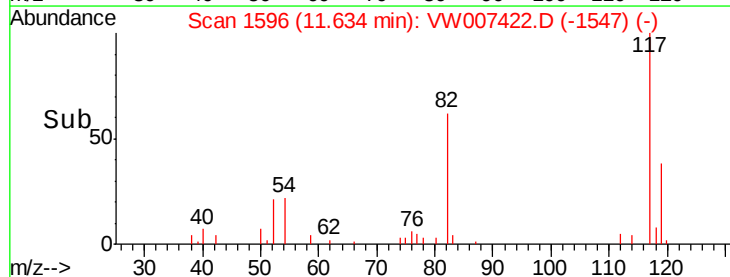
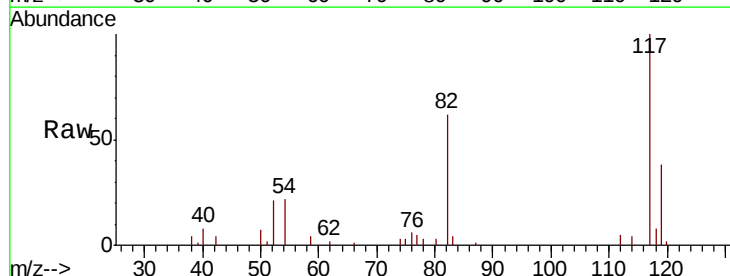
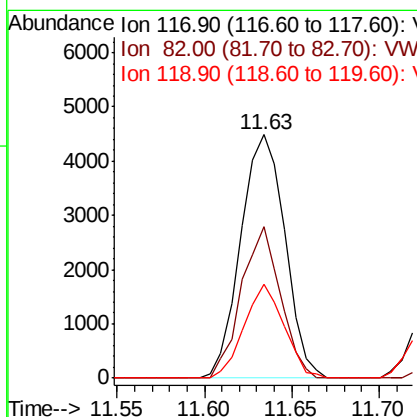
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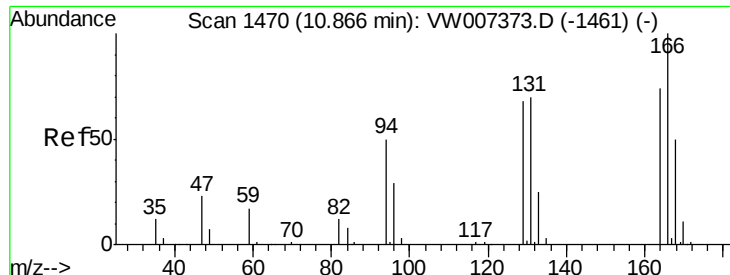
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12/12/2018 2:42:35 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.1	42.3	63.5
119	38.4	23.0	34.6





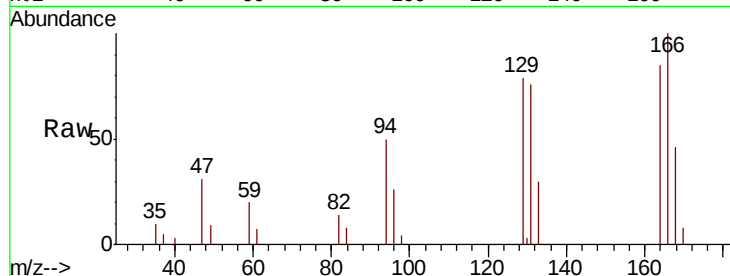
#64
Tetrachloroethene
Concen: 55.944 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	117.4	107.9	161.9
129	92.2	73.4	110.2
131	89.0	75.8	113.6

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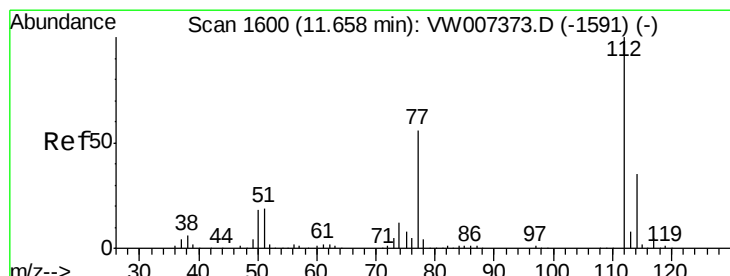
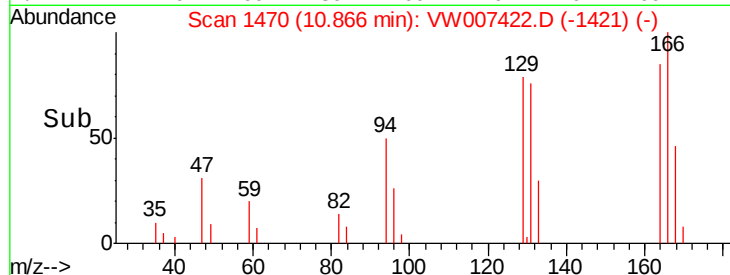
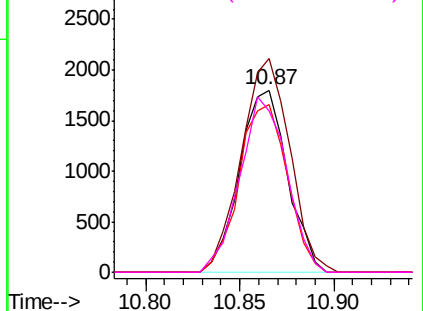
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

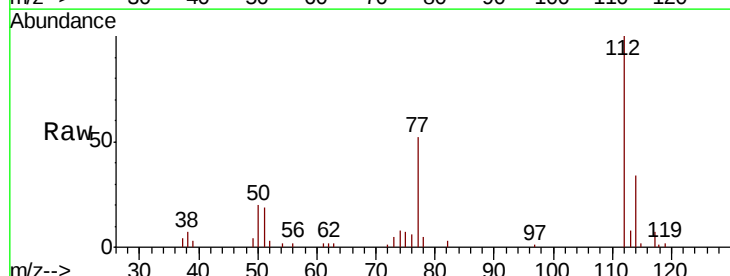
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 52.944 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

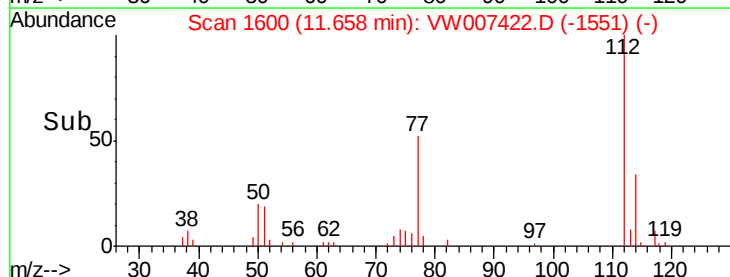
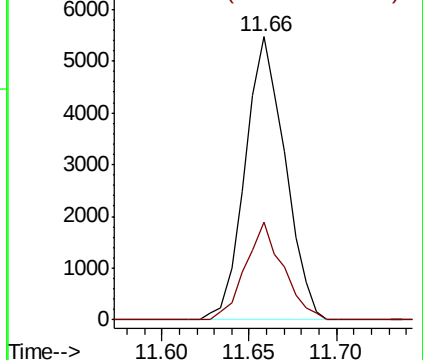
Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.3	27.8	41.8

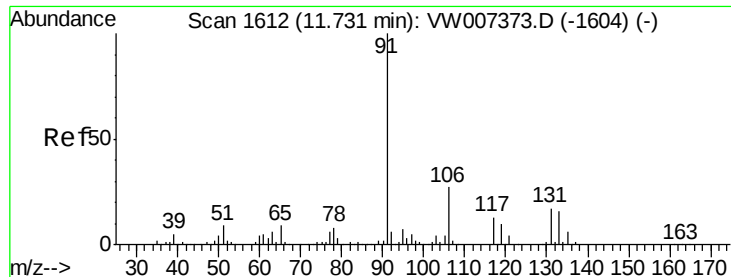


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 58.848 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

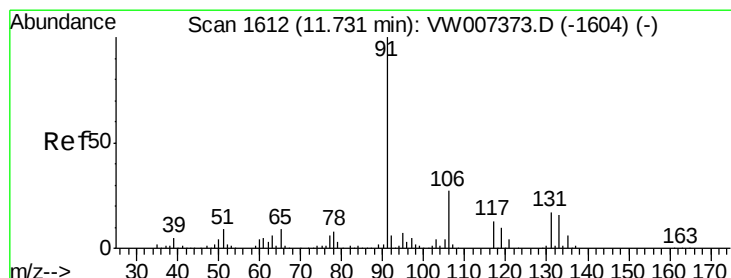
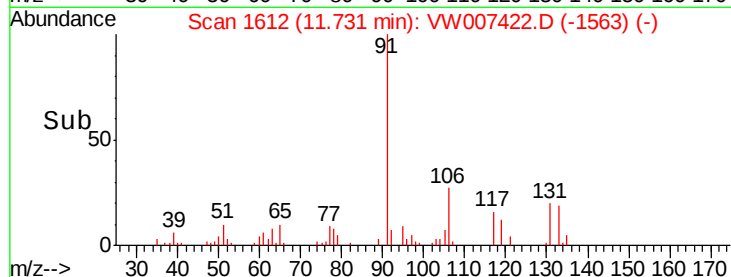
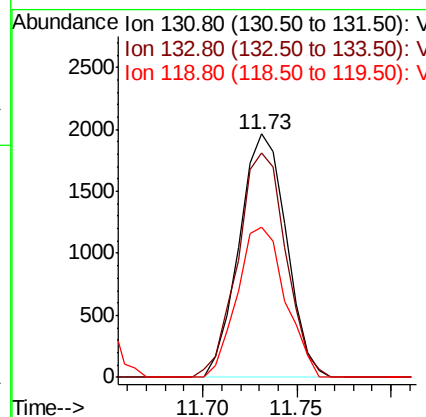
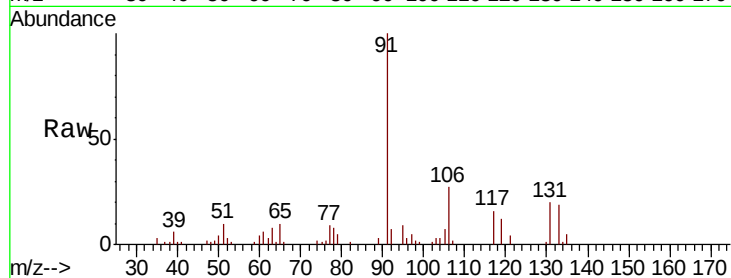
ClientSampleId :

S32-0632MSD

Tot Ion:	131	Resp:	3405
Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.1	141.4
119	62.9	31.3	93.9

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#67

Ethyl Benzene

Concen: 53.145 ug/l

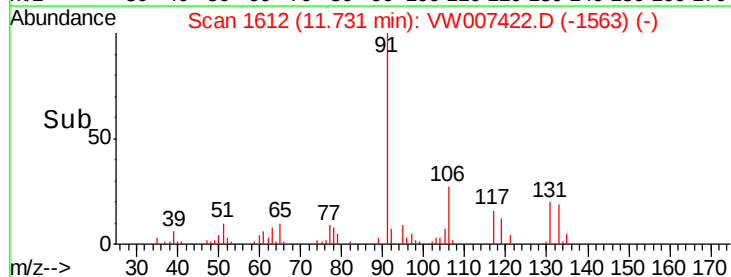
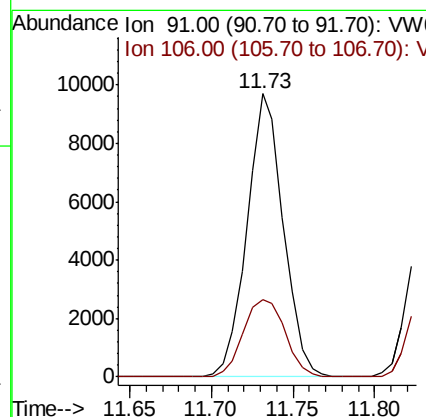
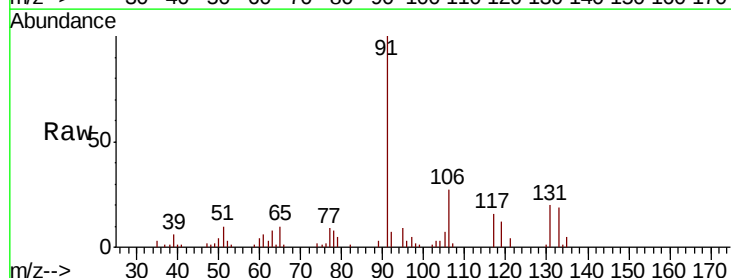
RT: 11.73 min Scan# 1612

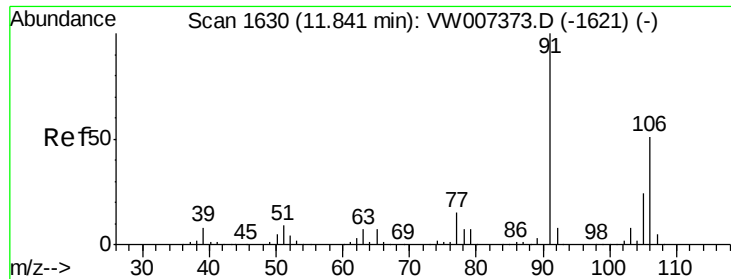
Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion:	91	Resp:	15011
Ion	Ratio	Lower	Upper
91	100		
106	27.5	21.8	32.8





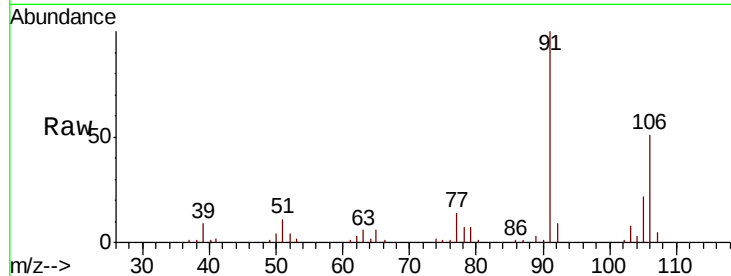
#68
m/p-Xylenes
Concen: 105.395 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

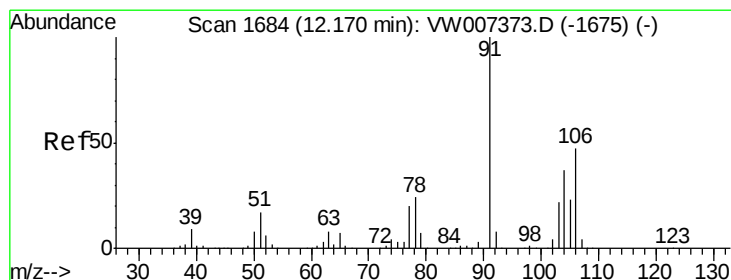
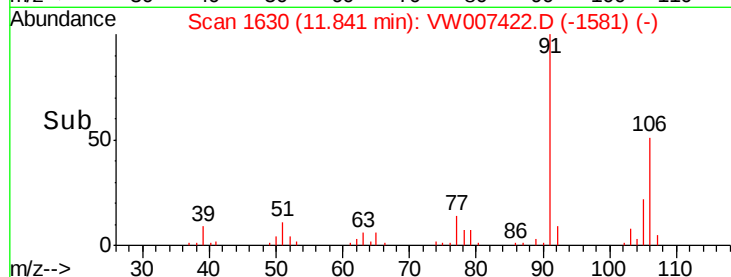
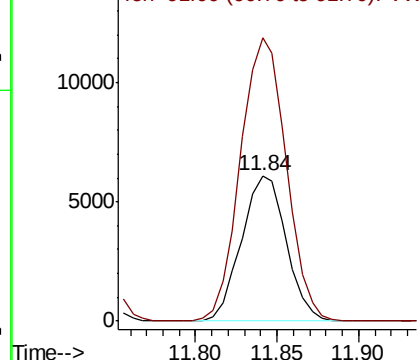
Tot Ion:106 Resp: 11573
Ion Ratio Lower Upper
106 100
91 199.9 165.3 247.9

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12/12/2018 2:42:35 PM

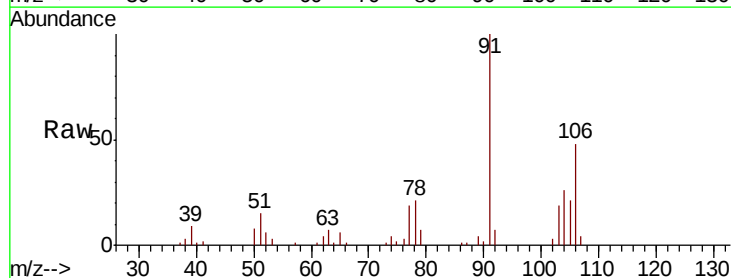


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

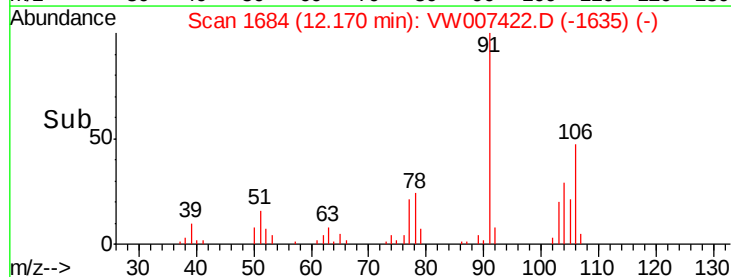
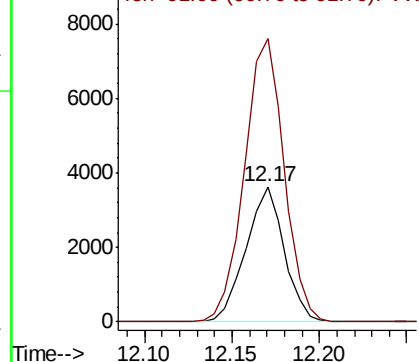


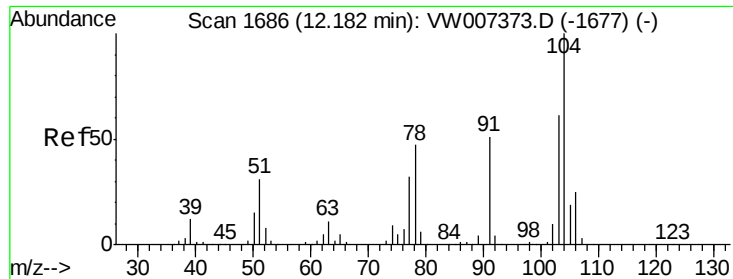
#69
o-Xylene
Concen: 53.632 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:106 Resp: 5500
Ion Ratio Lower Upper
106 100
91 217.9 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





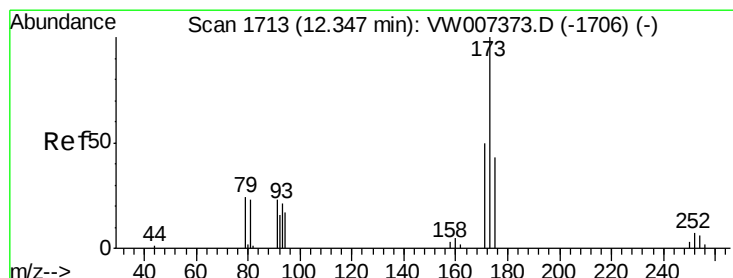
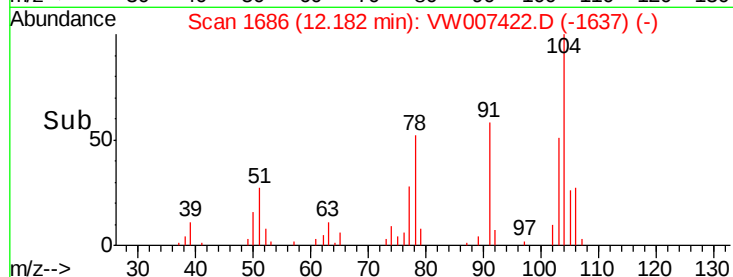
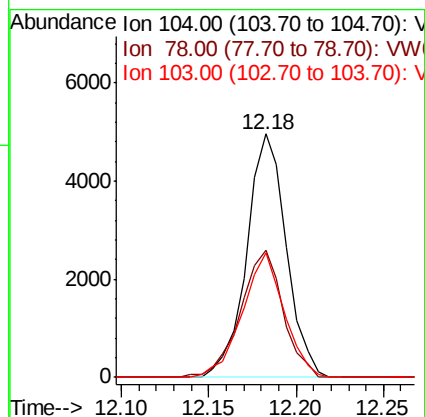
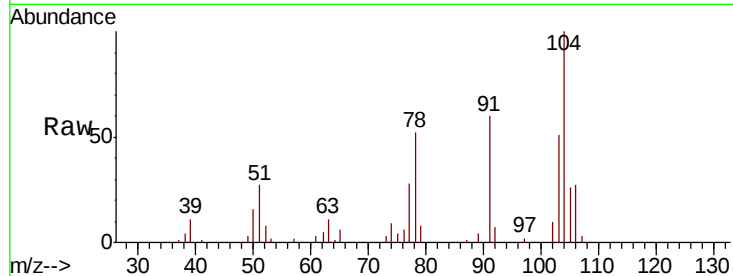
#70
Stvrene
Concen: 47.186 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.9	41.8	62.8
103	53.9	46.6	69.8

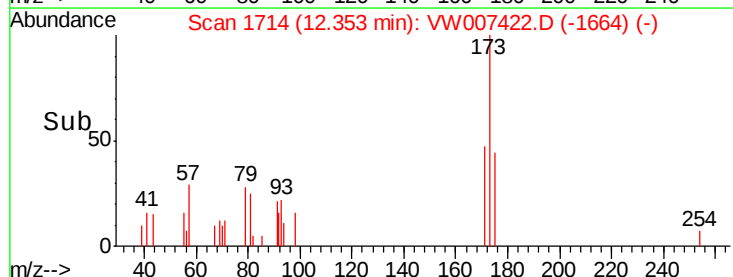
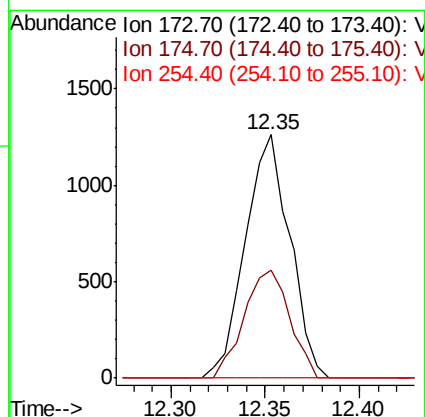
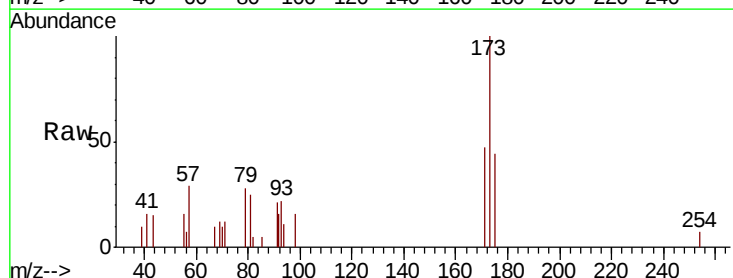
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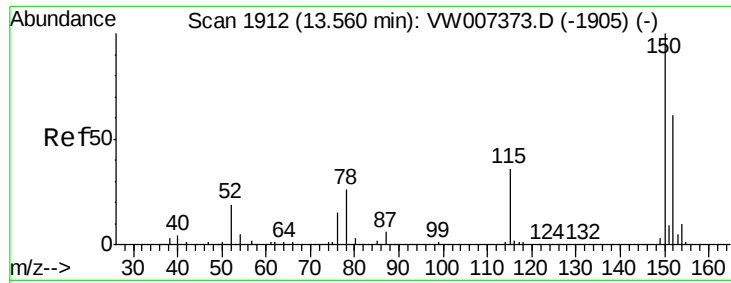
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12/12/2018 2:42:35 PM



#71
Bromoform
Concen: 69.726 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.5	23.6	70.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion:152 Resp: 3786

Ion Ratio Lower Upper

152 100

115 63.6 31.4 94.2

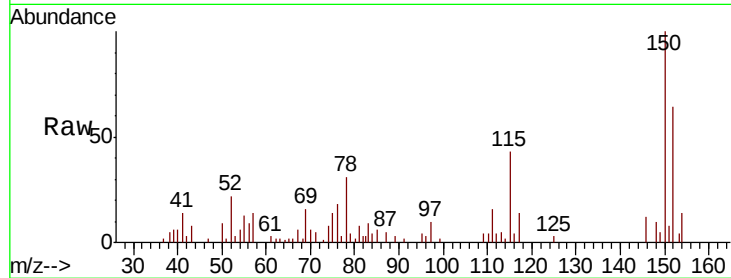
150 169.3 0.0 358.4

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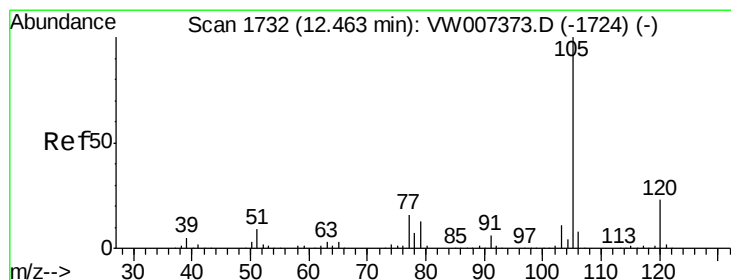
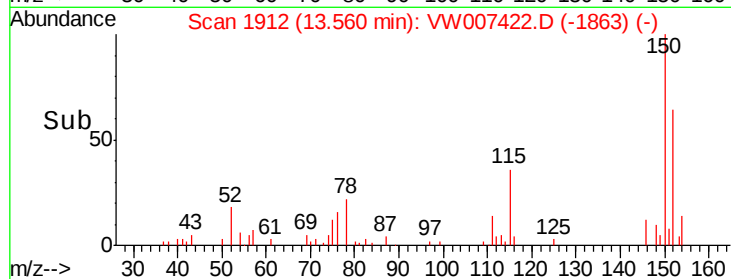
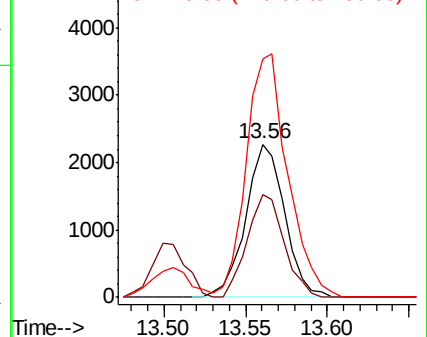


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.293 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007422.D

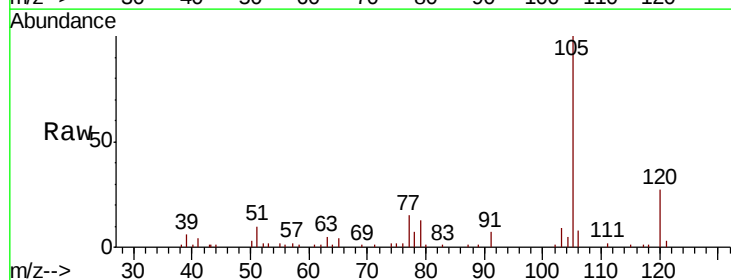
Acq: 12 Dec 2018 04:47

Tgt Ion:105 Resp: 14880

Ion Ratio Lower Upper

105 100

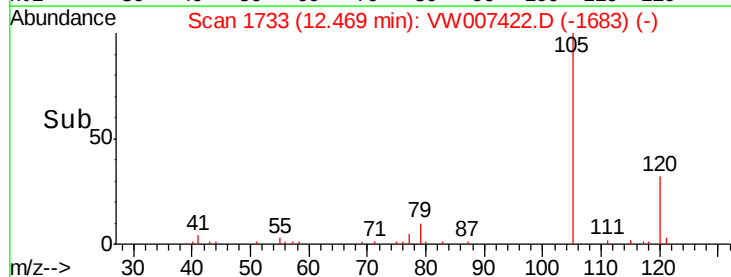
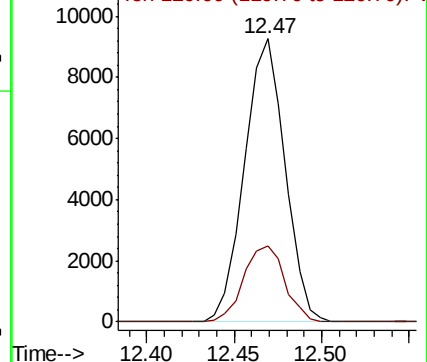
120 27.3 12.8 38.4

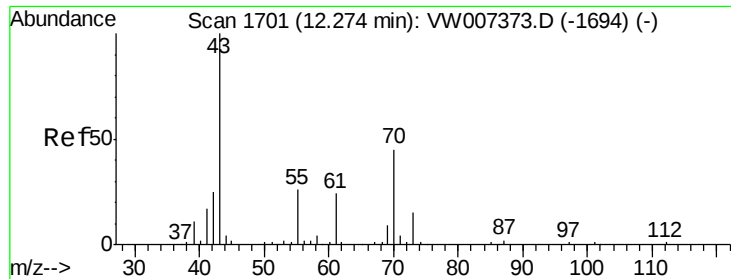


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.267 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

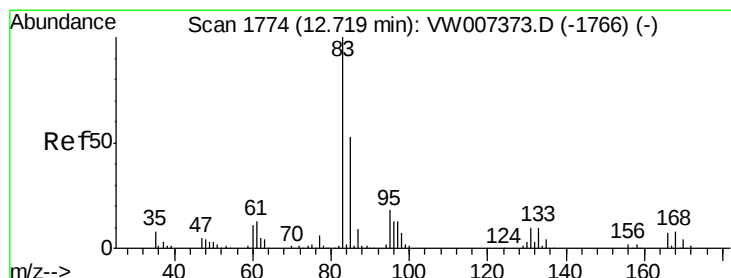
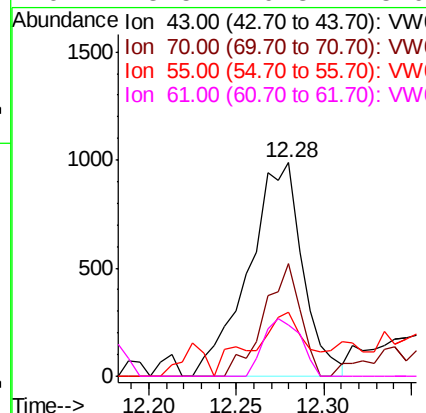
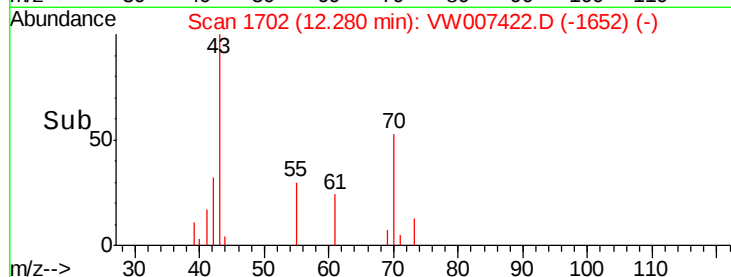
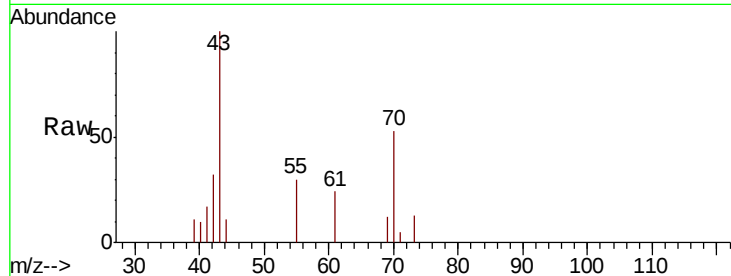
ClientSampleId :

S32-0632MSD

Tot Ion:	43	Resp:	2123
Ion	Ratio	Lower	Upper
43	100		
70	35.6	36.5	54.7#
55	29.0	20.1	30.1
61	18.5	19.3	28.9#

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#75

1,1,2,2-Tetrachloroethane

Concen: 91.606 ug/l

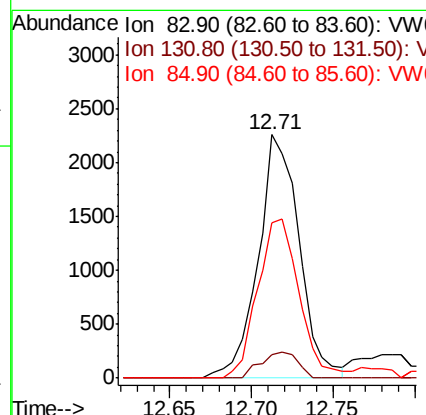
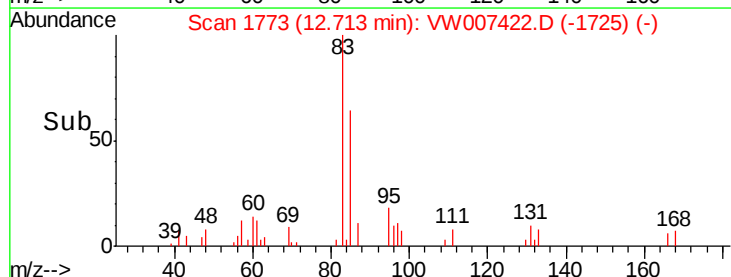
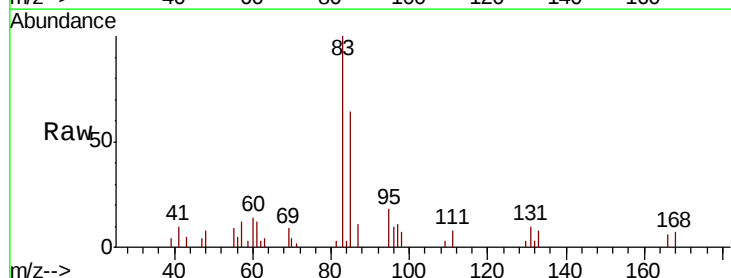
RT: 12.71 min Scan# 1773

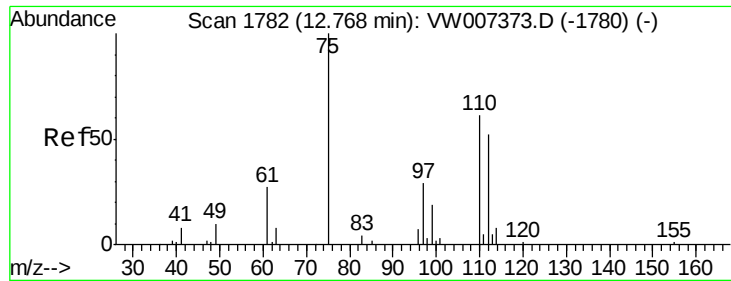
Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion:	83	Resp:	3936
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.9	17.8
85	66.1	30.0	90.0





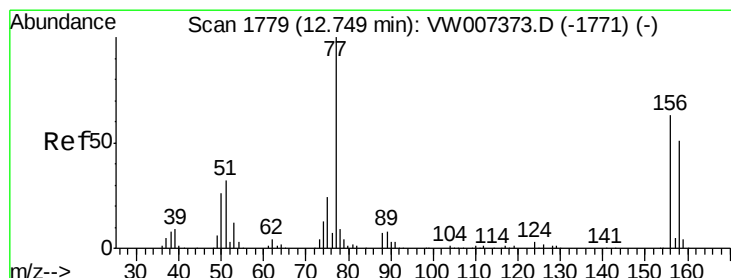
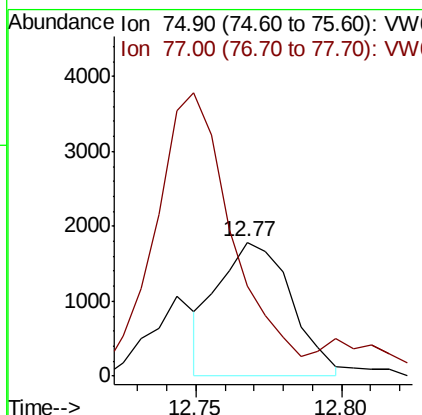
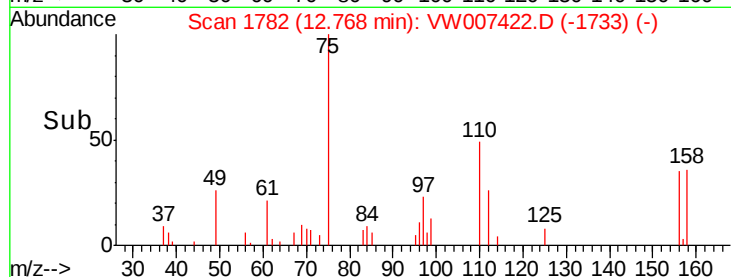
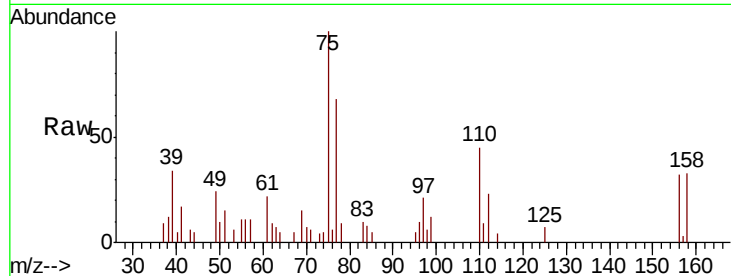
#76
 1,2,3-Trichloropropane
 Concen: 99.658 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion: 75 Resp: 3111
 Ion Ratio Lower Upper
 75 100
 77 227.1 166.9 500.8

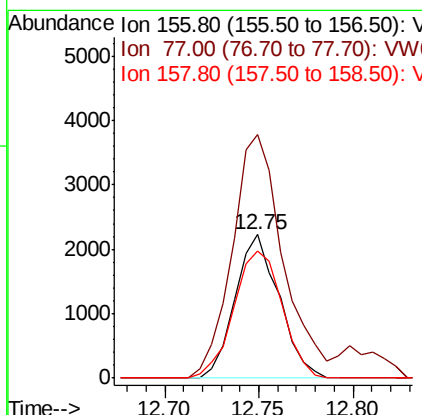
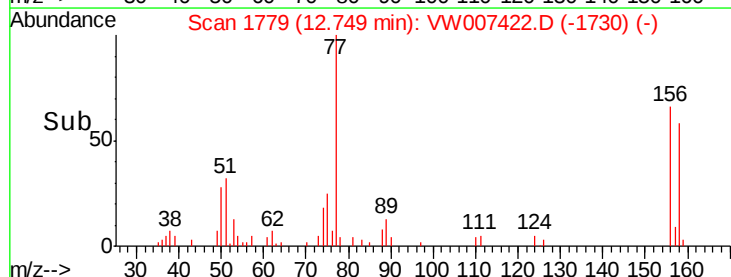
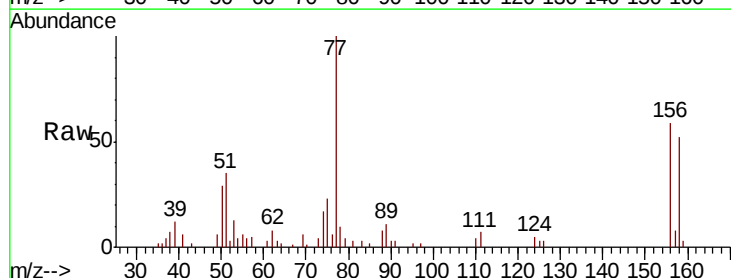
Manual Integrations
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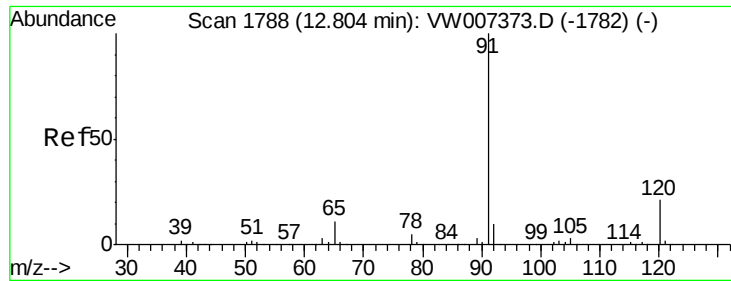
MMDadoda
 12/12/2018 2:42:35 PM



#77
 Bromobenzene
 Concen: 55.891 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 156 Resp: 3594
 Ion Ratio Lower Upper
 156 100
 77 196.5 88.1 264.4
 158 97.6 45.6 136.7





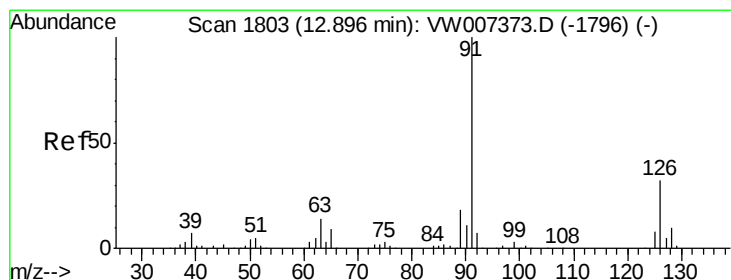
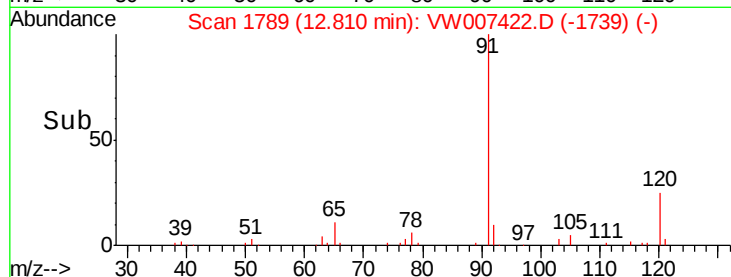
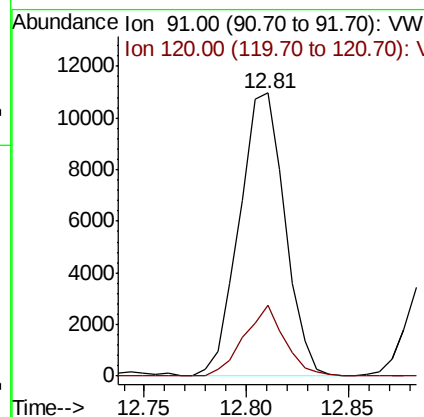
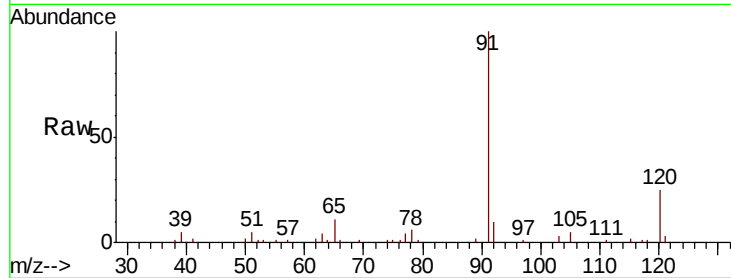
#78
n-propylbenzene
Concen: 52.227 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion: 91 Resp: 17051
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

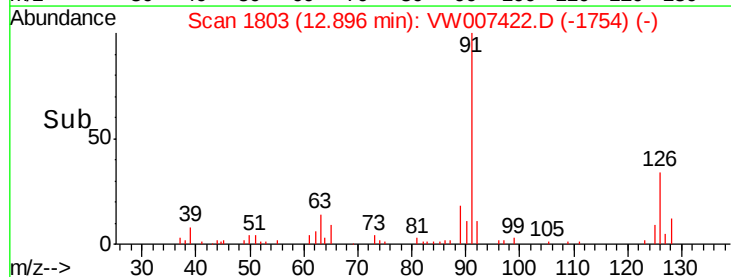
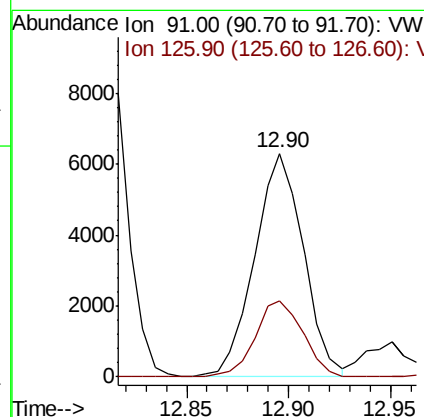
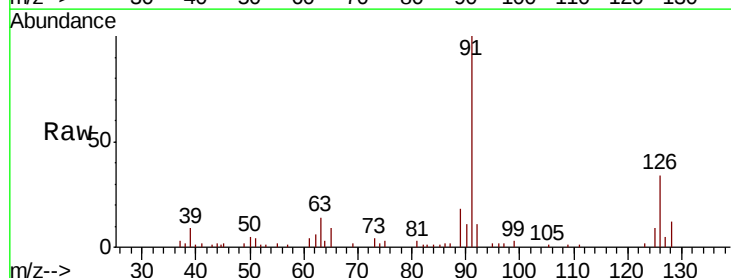
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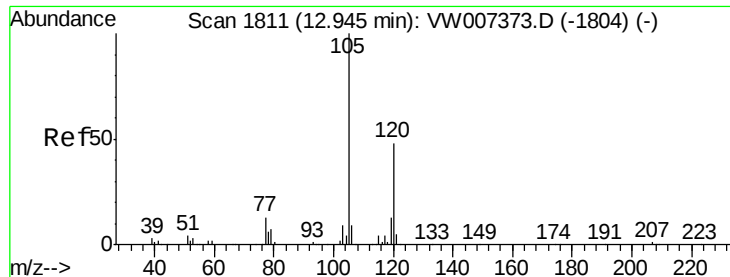
MMDadoda
12/12/2018 2:42:35 PM



#79
2-Chlorotoluene
Concen: 53.092 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 91 Resp: 10488
Ion Ratio Lower Upper
91 100
126 32.9 15.9 47.6





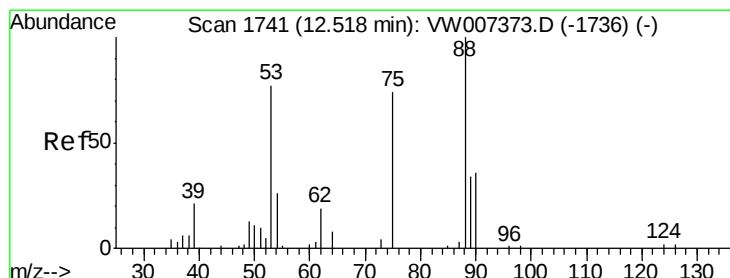
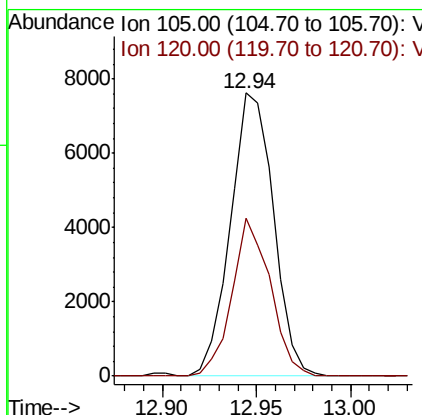
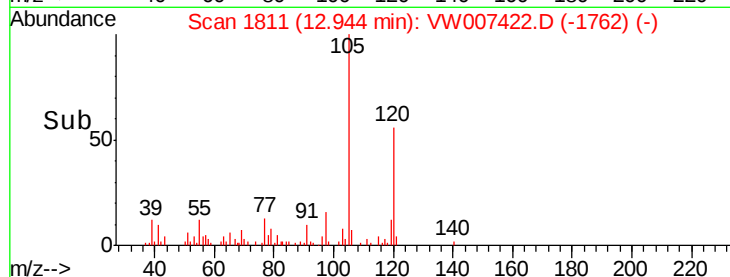
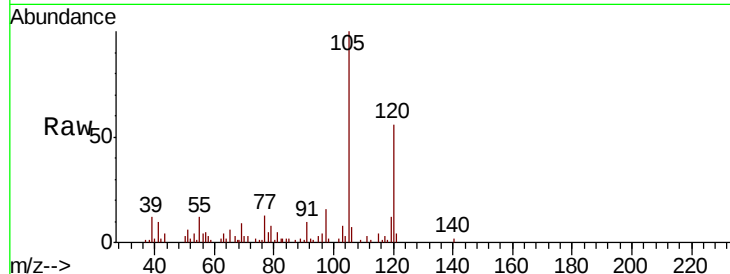
#80
 1,3,5-Trimethylbenzene
 Concen: 49.534 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion:105 Resp: 12074
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.8 71.4

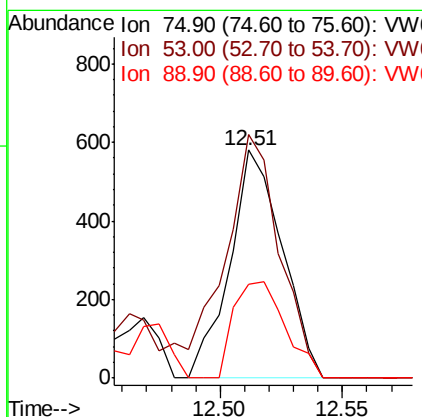
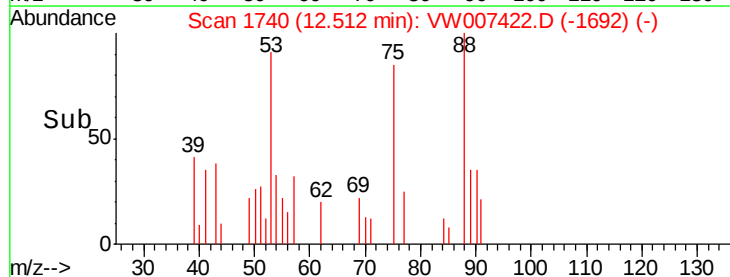
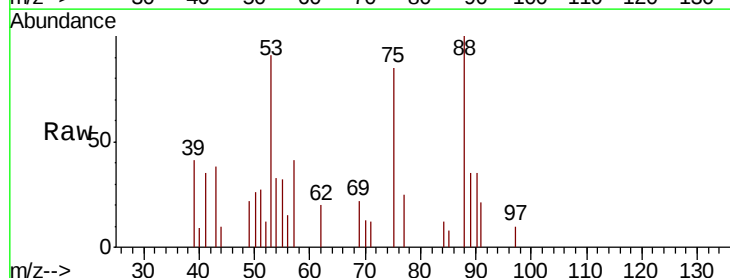
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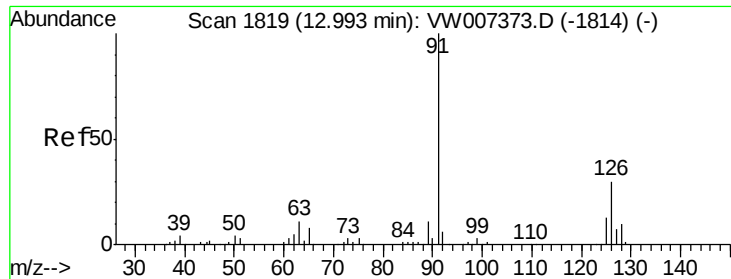
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.140 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 53 108.7 84.9 127.3
 89 41.4 40.3 60.5





#82

4-Chlorotoluene

Concen: 51.505 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tot Ion: 91 Resp: 10725

Ion Ratio Lower Upper

91 100

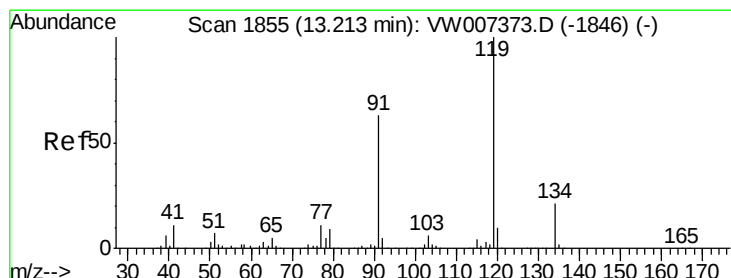
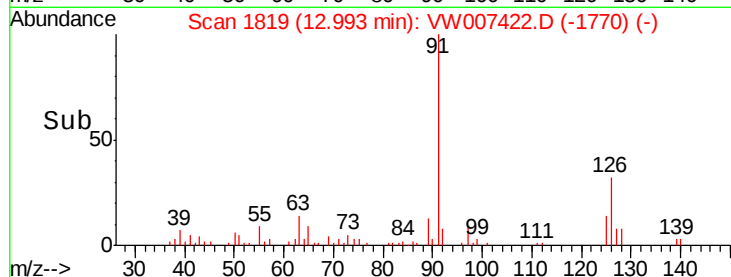
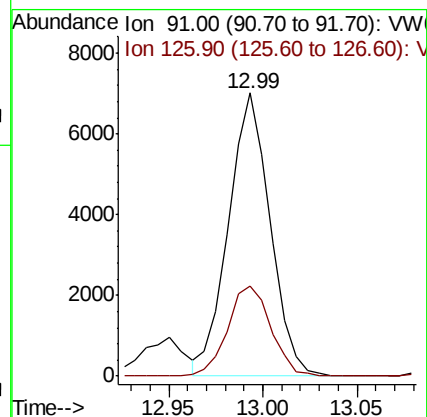
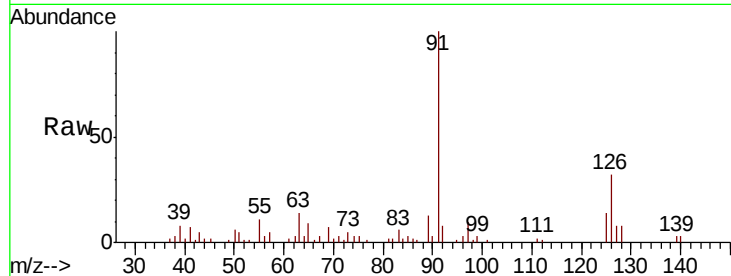
126 33.0 16.0 48.0

Manual Integrations

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12/12/2018 2:42:35 PM



#83

tert-Butylbenzene

Concen: 54.367 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

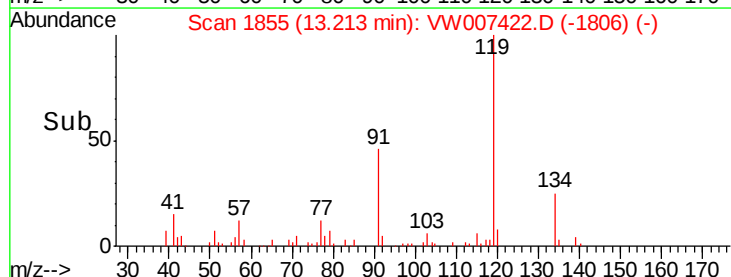
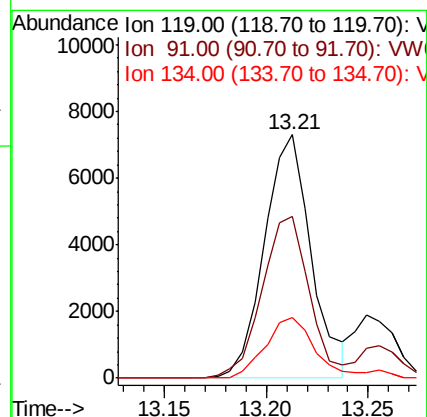
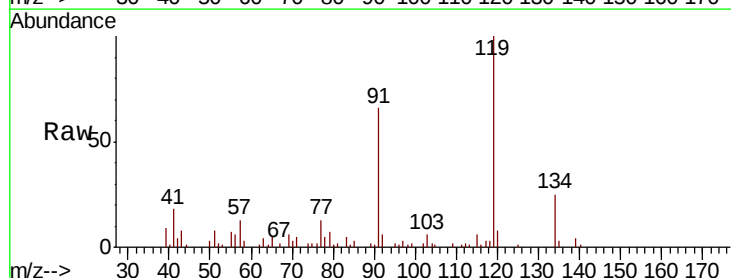
Tgt Ion: 119 Resp: 11677

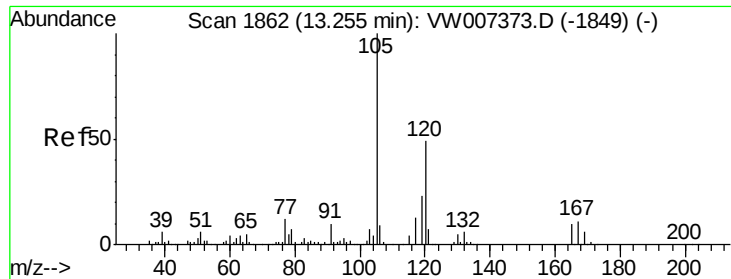
Ion Ratio Lower Upper

119 100

91 67.1 33.1 99.2

134 27.4 12.5 37.5





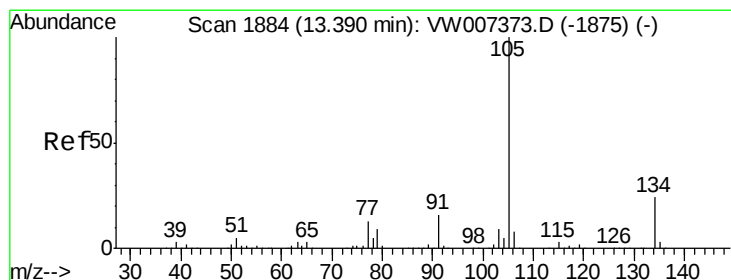
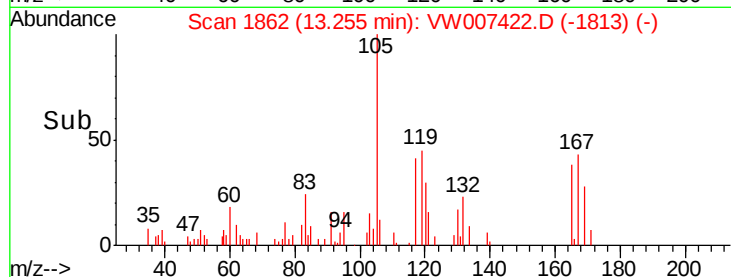
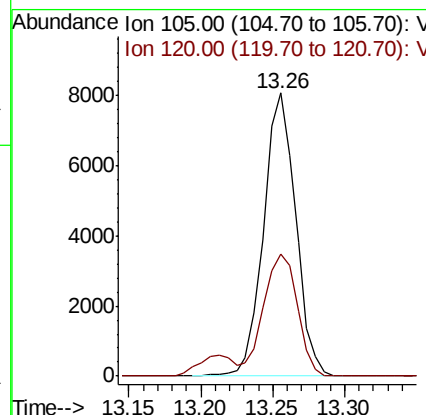
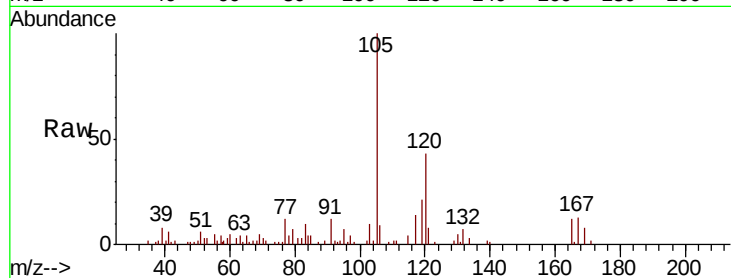
#84
1,2,4-Trimethylbenzene
Concen: 49.411 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:105 Resp: 12394
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.7

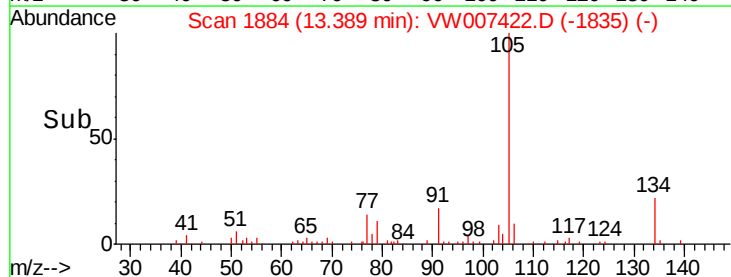
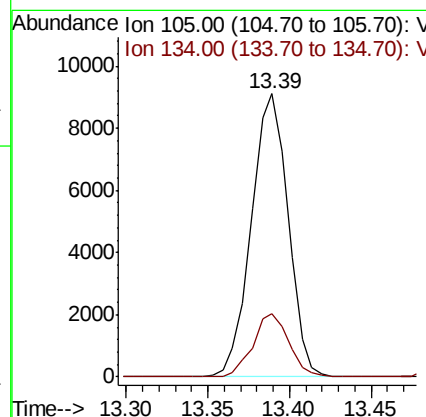
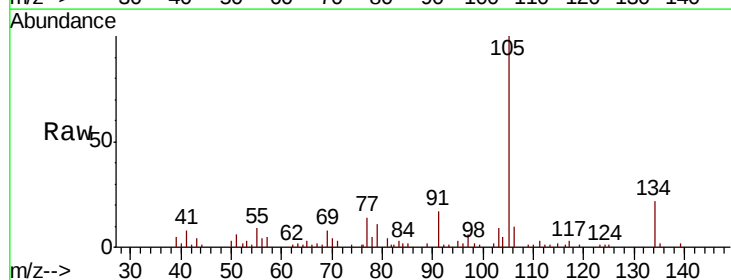
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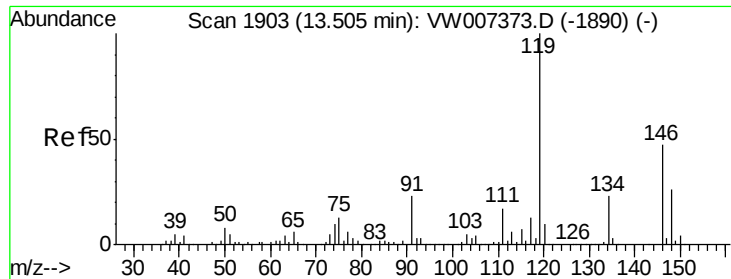
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#85
sec-Butylbenzene
Concen: 48.823 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:105 Resp: 14315
Ion Ratio Lower Upper
105 100
134 21.7 11.1 33.3





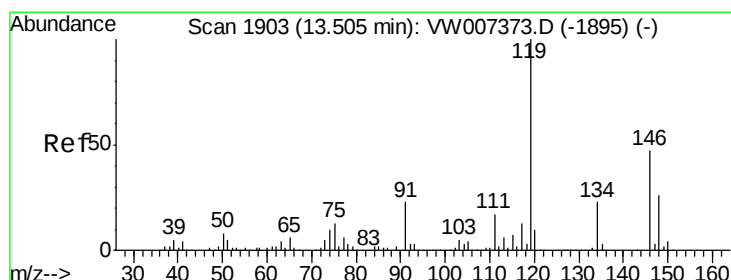
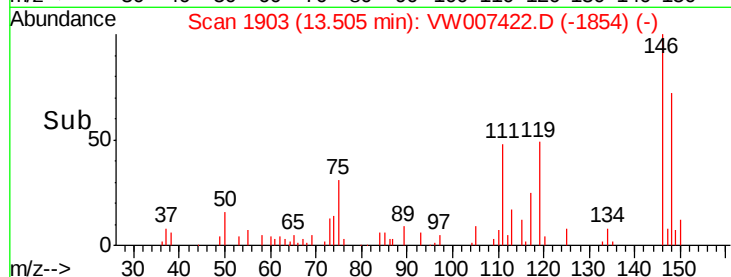
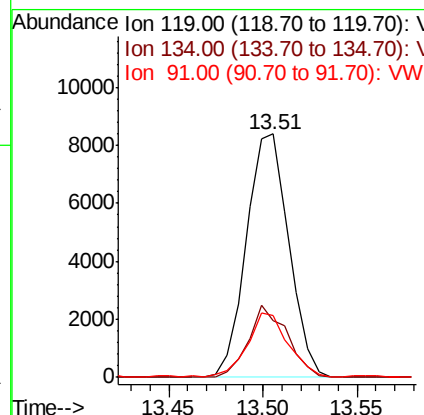
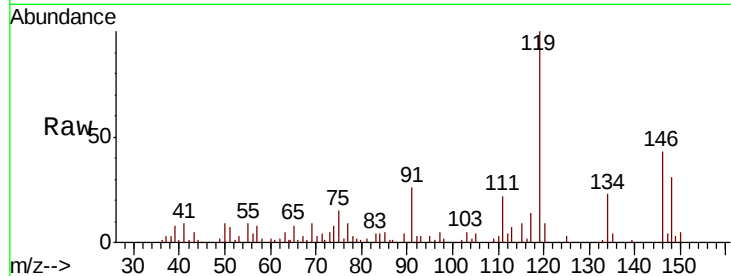
#86
 p-Isopropyltoluene
 Concen: 49.547 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.9	38.7
91	25.8	11.9	35.9

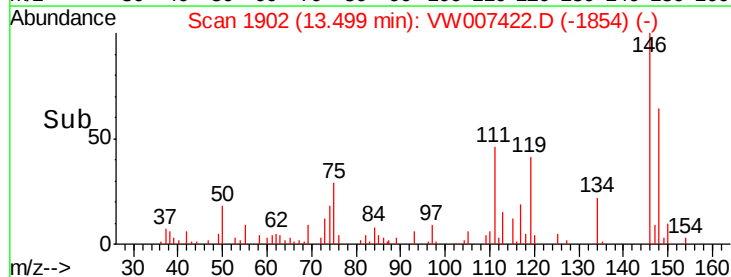
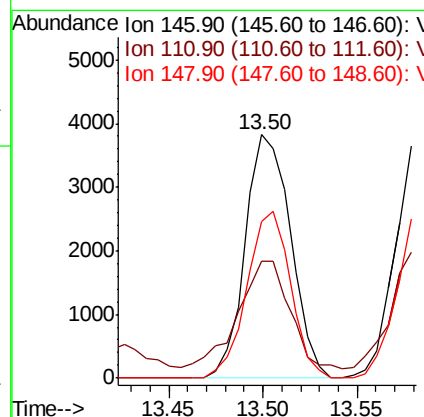
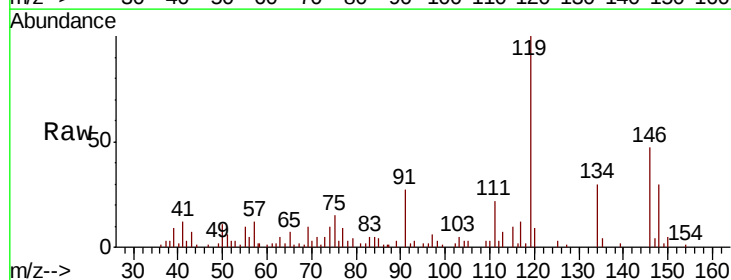
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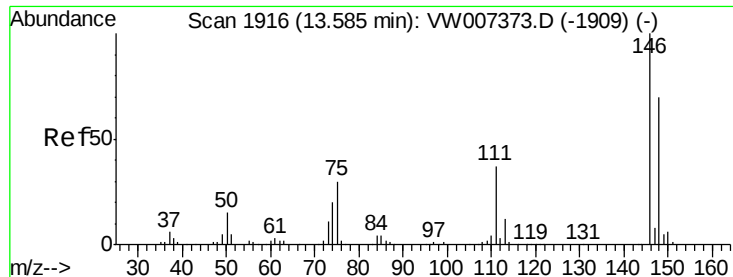
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#87
 1,3-Dichlorobenzene
 Concen: 49.981 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.4	20.1	60.3
148	65.4	31.4	94.0





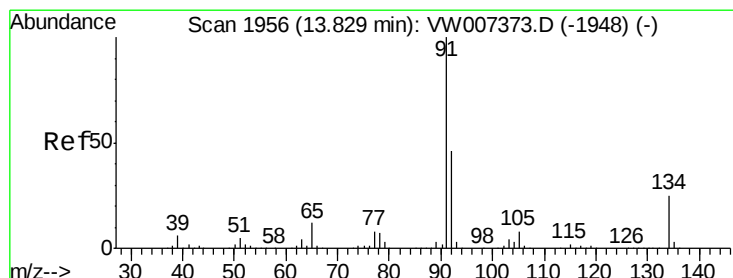
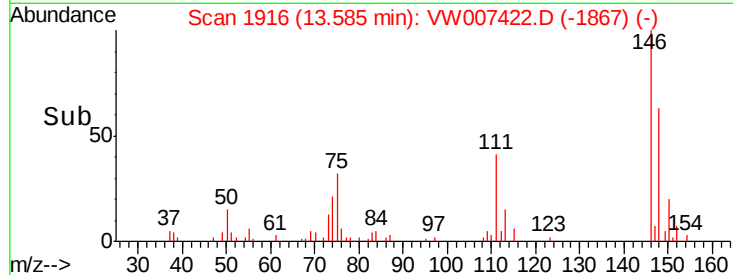
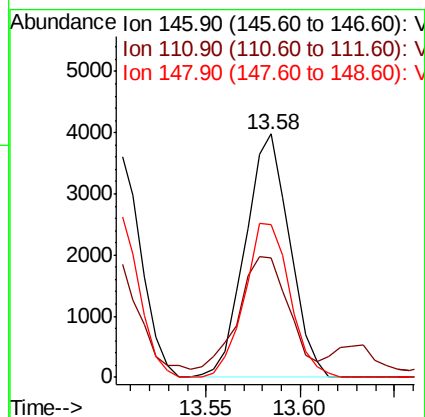
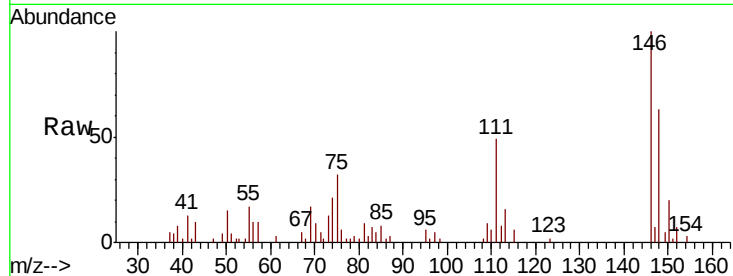
#88
 1,4-Dichlorobenzene
 Concen: 50.453 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.5	20.3	61.0
148	64.5	33.5	100.5

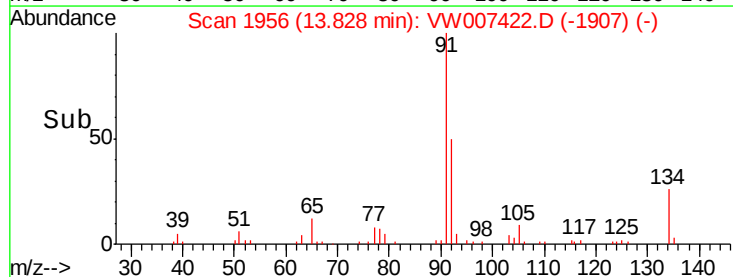
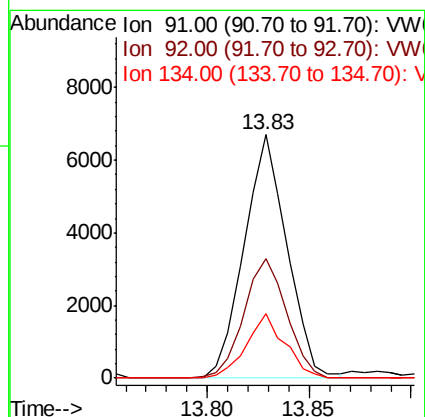
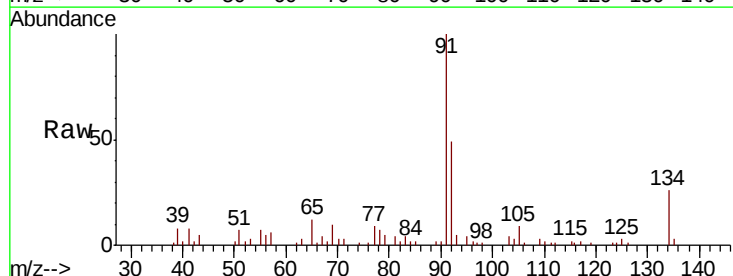
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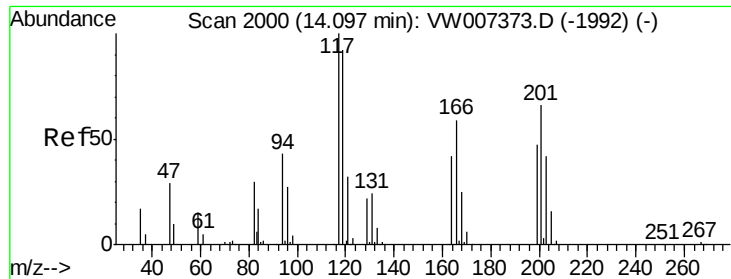
MMDadoda
 12/12/2018 2:42:35 PM



#89
 n-Butylbenzene
 Concen: 40.047 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.9	25.7	77.1
134	23.7	13.4	40.2





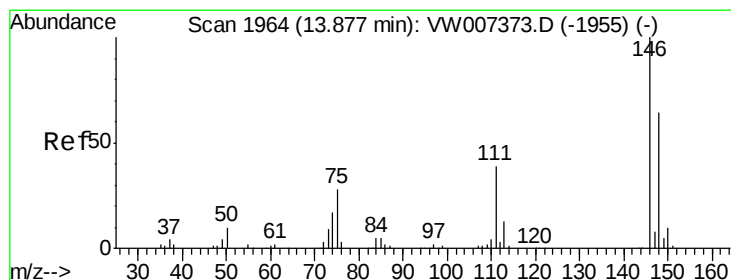
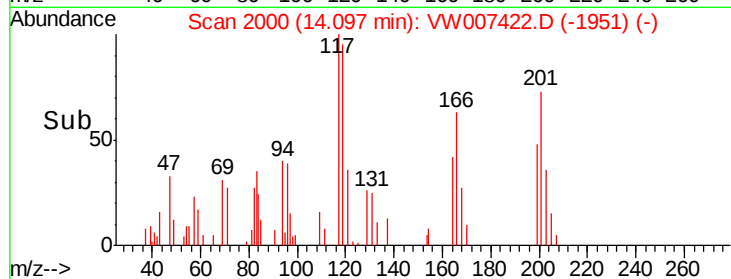
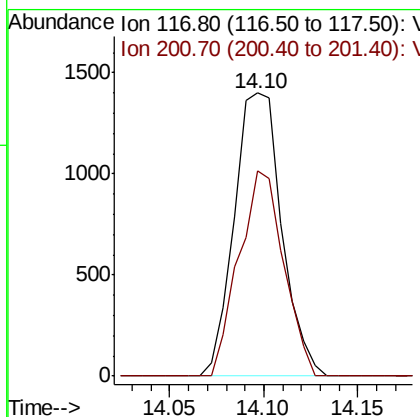
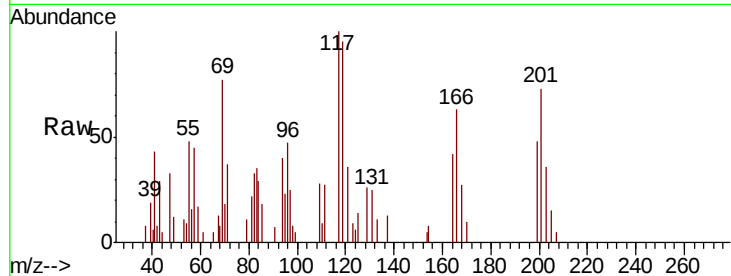
#90
Hexachloroethane
Concen: 52.147 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tot Ion:117 Resp: 2444
Ion Ratio Lower Upper
117 100
201 68.4 35.3 105.9

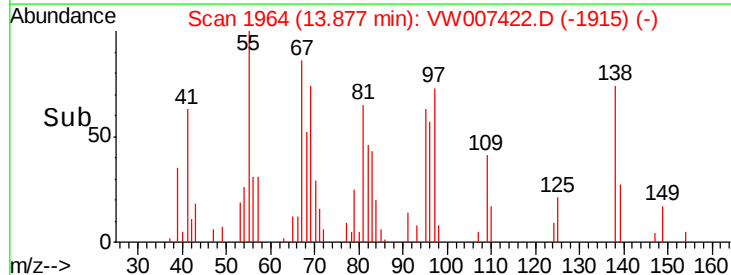
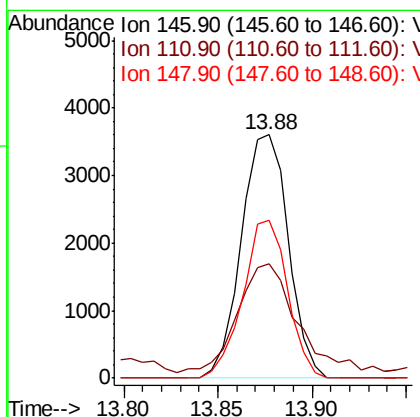
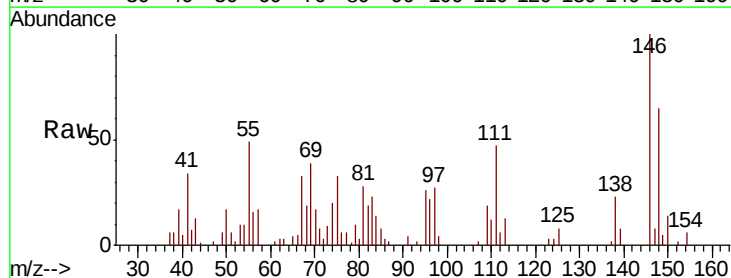
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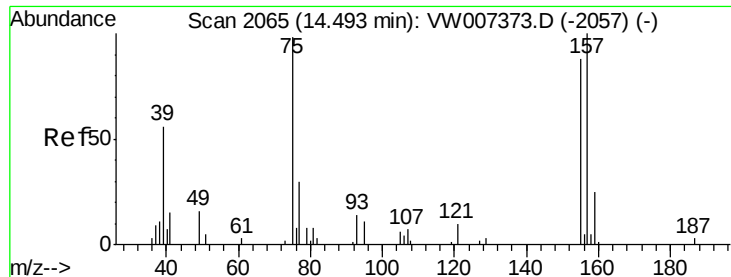
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#91
1,2-Dichlorobenzene
Concen: 54.202 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:146 Resp: 6224
Ion Ratio Lower Upper
146 100
111 59.2 22.4 67.2
148 61.7 32.4 97.2





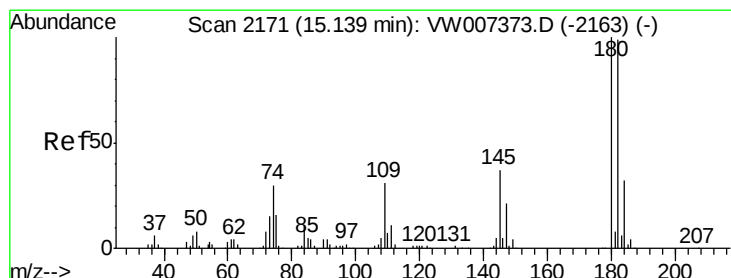
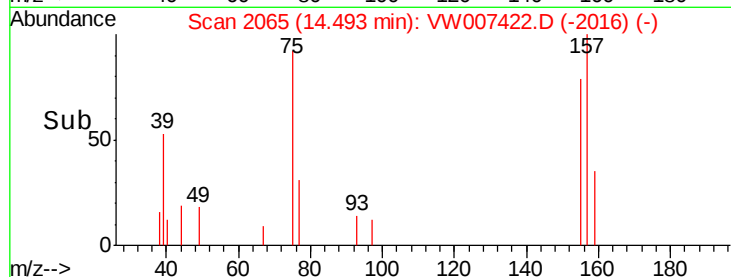
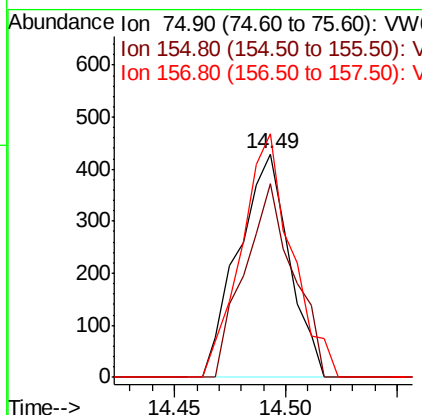
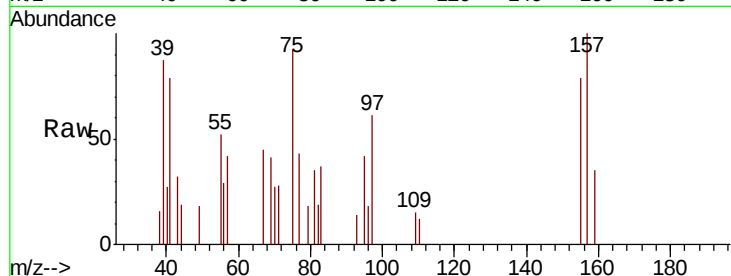
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 79.211 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.0	40.8	122.2
157	107.5	51.1	153.4

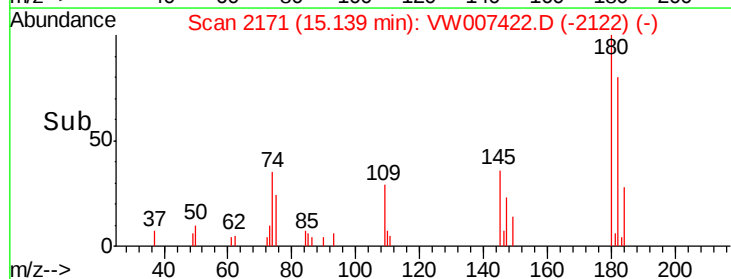
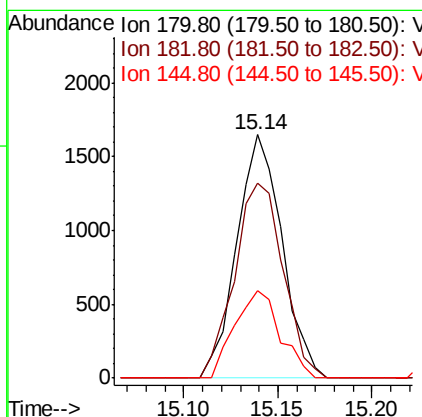
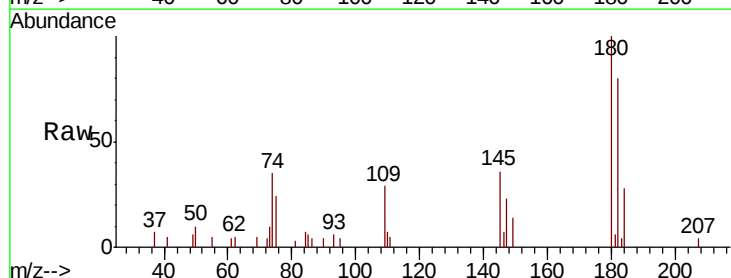
Manual Integrations
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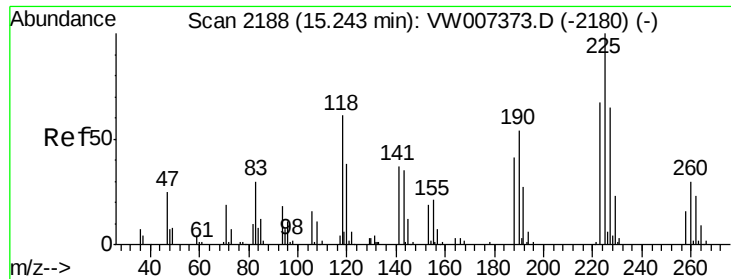
MMDadoda
 12/12/2018 2:42:35 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 34.672 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.4	49.9	149.6
145	36.1	17.8	53.4





#94

Hexachlorobutadiene

Concen: 31.457 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

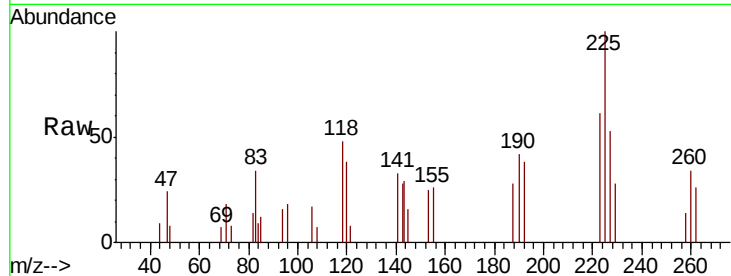
ClientSampleId :

S32-0632MSD

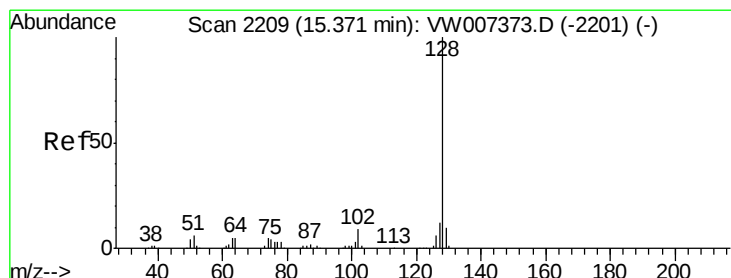
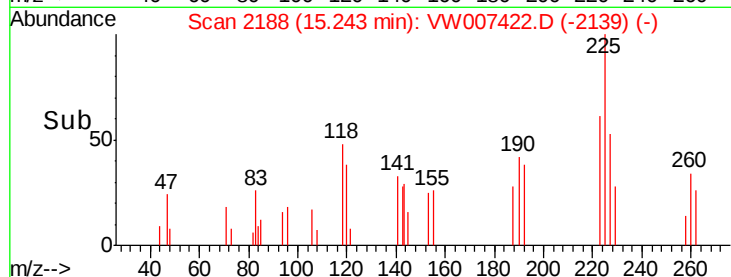
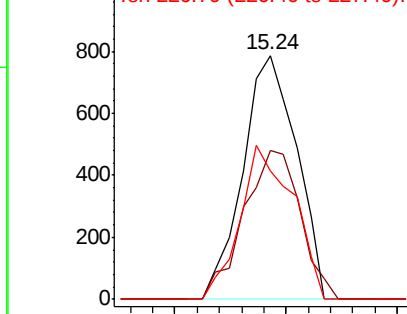
Tot Ion:	225	Resp:	1319
Ion Ratio	Lower	Upper	
225	100		
223	64.1	32.1	96.3
227	62.1	31.9	95.9

Manual Integrations
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12/12/2018 2:42:35 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 33.285 ug/l

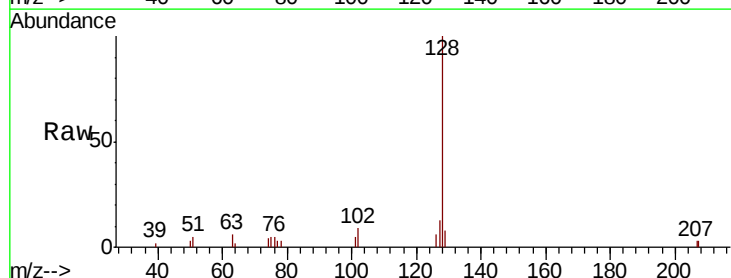
RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

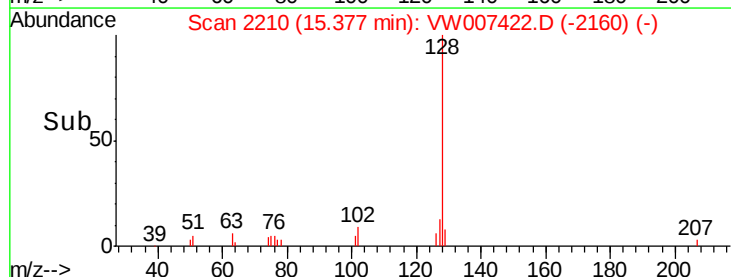
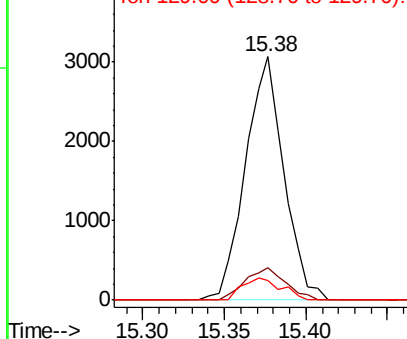
Lab File: VW007422.D

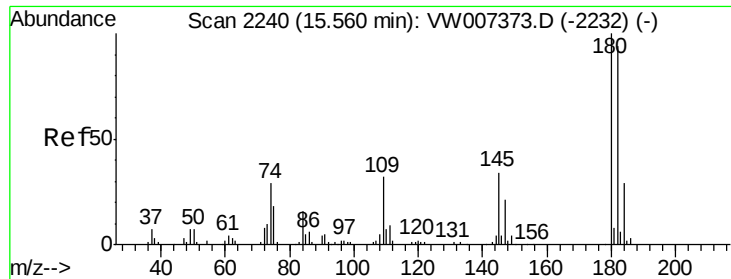
Acq: 12 Dec 2018 04:47

Tgt Ion:	128	Resp:	5032
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	9.3	8.3	12.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





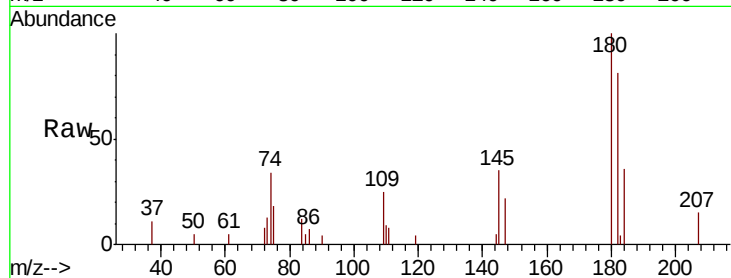
#96
 1,2,3-Trichlorobenzene
 Concen: 32.383 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tot Ion:	180	Resp:	2223
Ion Ratio	Lower	Upper	
180	100		
182	89.8	45.6	136.7
145	35.4	17.5	52.5

Manual Integrations
 APPROVED

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 12/12/2018 2:42:35 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

