

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013662.D
 Acq On : 23 Oct 2019 11:49
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:37 PM

Quant Time: Oct 23 14:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 13:51:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	371723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	527813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	442968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	225121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	27891	9.61	ug/l	0.00
Spiked Amount			Recovery	=	19.22%	
35) Dibromofluoromethane	7.88	113	28946	9.71	ug/l	0.00
Spiked Amount			Recovery	=	19.42%	
50) Toluene-d8	10.32	98	118041	9.44	ug/l	0.00
Spiked Amount			Recovery	=	18.88%	
62) 4-Bromofluorobenzene	12.62	95	39658	9.45	ug/l	0.00
Spiked Amount			Recovery	=	18.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	23041	17.660	ug/l	98
3) Chloromethane	2.21	50	24688	11.624	ug/l	98
4) Vinyl Chloride	2.37	62	35702	11.267	ug/l	99
5) Bromomethane	2.79	94	23033	12.023	ug/l	94
6) Chloroethane	2.93	64	21428	11.846	ug/l	97
7) Trichlorofluoromethane	3.26	101	22317	14.338	ug/l	98
8) Diethyl Ether	3.68	74	17018	10.820	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	35645	11.407	ug/l	99
10) Methyl Iodide	4.28	142	56060	11.255	ug/l	99
11) Tert butyl alcohol	5.20	59	9673	41.454	ug/l	96
12) 1,1-Dichloroethene	4.04	96	36102	11.128	ug/l	99
13) Acrolein	3.90	56	9059	40.596	ug/l	98
14) Allyl chloride	4.67	41	54180	10.861	ug/l	99
15) Acrylonitrile	5.37	53	34840	48.396	ug/l	97
16) Acetone	4.14	43	29781	45.124	ug/l	99
17) Carbon Disulfide	4.39	76	101372	11.092	ug/l	98
18) Methyl Acetate	4.68	43	18058	9.595	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	42850	9.034	ug/l	97
20) Methylene Chloride	4.92	84	42199	11.430	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	37984	10.984	ug/l	98
22) Diisopropyl ether	6.31	45	98274	10.541	ug/l #	99
23) Vinyl Acetate	6.26	43	280221	50.329	ug/l	98
24) 1,1-Dichloroethane	6.22	63	62833	10.953	ug/l	97
25) 2-Butanone	7.18	43	44124	45.567	ug/l	99
26) 2,2-Dichloropropane	7.17	77	38953	10.773	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	40088	10.940	ug/l	97
28) Bromochloromethane	7.51	49	16327	7.974	ug/l #	98
29) Tetrahydrofuran	7.53	42	28190	47.687	ug/l	96
30) Chloroform	7.68	83	62542	11.285	ug/l	91
31) Cyclohexane	7.96	56	67652	11.189	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	49118	10.956	ug/l	100
36) 1,1-Dichloropropene	8.08	75	53287	11.100	ug/l	98
37) Ethyl Acetate	7.26	43	20456	9.635	ug/l	98
38) Carbon Tetrachloride	8.07	117	47396	11.160	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66351	10.662	ug/l	95
40) Benzene	8.32	78	148596	11.064	ug/l	99
41) Methacrylonitrile	7.48	41	13469	11.092	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	37275	10.975	ug/l	99
43) Isopropyl Acetate	8.42	43	37347	9.648	ug/l	98
44) Trichloroethene	9.09	130	42151	10.999	ug/l	96
45) 1,2-Dichloropropane	9.37	63	35181	10.902	ug/l	96
46) Dibromomethane	9.46	93	17555	10.955	ug/l	95
47) Bromodichloromethane	9.65	83	42520	10.621	ug/l	99
48) Methyl methacrylate	9.43	41	18956	9.883	ug/l	99
49) 1,4-Dioxane	9.47	88	5469	200.538	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	96095	47.554	ug/l	99
52) Toluene	10.38	92	94181	10.882	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	42226	10.179	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	53511	10.615	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	25427	10.602	ug/l	98
56) Ethyl methacrylate	10.65	69	30232	9.479	ug/l	97
57) 1,3-Dichloropropane	10.93	76	42209	10.235	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	67063	44.718	ug/l	99
59) 2-Hexanone	10.97	43	62880	45.487	ug/l	99
60) Dibromochloromethane	11.13	129	29666	10.748	ug/l	95
61) 1,2-Dibromoethane	11.24	107	23867	10.456	ug/l	100
64) Tetrachloroethene	10.86	164	37393	11.393	ug/l	97
65) Chlorobenzene	11.66	112	97816	11.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	33167	10.762	ug/l	99
67) Ethyl Benzene	11.73	91	175446	10.835	ug/l	97
68) m/p-Xylenes	11.84	106	134304	21.803	ug/l	98
69) o-Xylene	12.16	106	61744	10.829	ug/l	98
70) Styrene	12.18	104	105030	10.735	ug/l	99
71) Bromoform	12.35	173	17610	10.505	ug/l #	93
73) Isopropylbenzene	12.46	105	170998	10.583	ug/l	100
74) N-amyl acetate	12.27	43	31830	9.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	27967	10.277	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17547m	9.487	ug/l	
77) Bromobenzene	12.74	156	41028	10.678	ug/l	99
78) n-propylbenzene	12.80	91	201712	10.791	ug/l	99
79) 2-Chlorotoluene	12.89	91	111789	10.655	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	148198	10.985	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	8815	9.712	ug/l	95
82) 4-Chlorotoluene	12.99	91	118797	10.884	ug/l	97
83) tert-Butylbenzene	13.21	119	127876	10.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	143618	10.764	ug/l	100
85) sec-Butylbenzene	13.38	105	178080	10.799	ug/l	100
86) p-Isopropyltoluene	13.50	119	164624	10.838	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	78663	10.769	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	79872	11.158	ug/l	98
89) n-Butylbenzene	13.82	91	146755	10.700	ug/l	100
90) Hexachloroethane	14.09	117	27650	10.568	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	70161	10.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4331	10.046	ug/l	97

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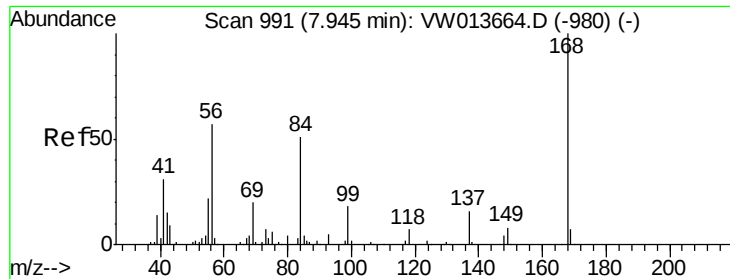
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	48740	10.672	ug/l	99
94) Hexachlorobutadiene	15.24	225	33724	11.116	ug/l	98
95) Naphthalene	15.36	128	73466	9.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	41402	10.362	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 371723

Ion Ratio Lower Upper

168 100

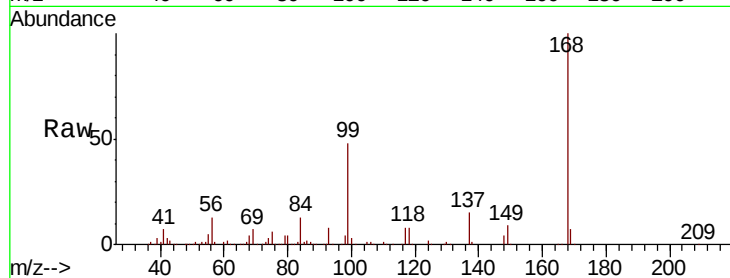
99 48.0 39.0 58.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

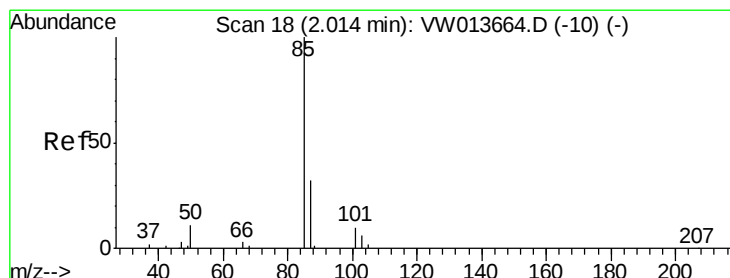
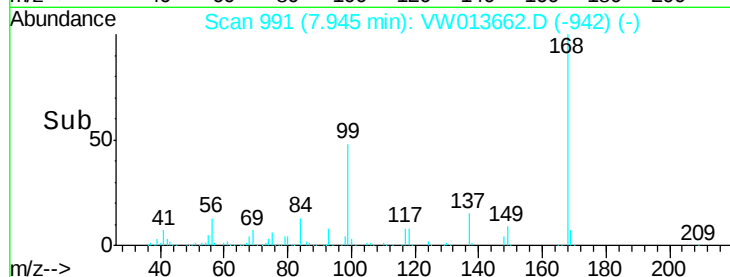
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.660 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW013662.D

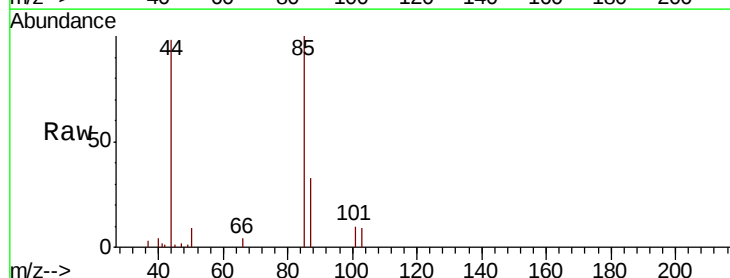
Acq: 23 Oct 2019 11:49

Tgt Ion: 85 Resp: 23041

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

8000

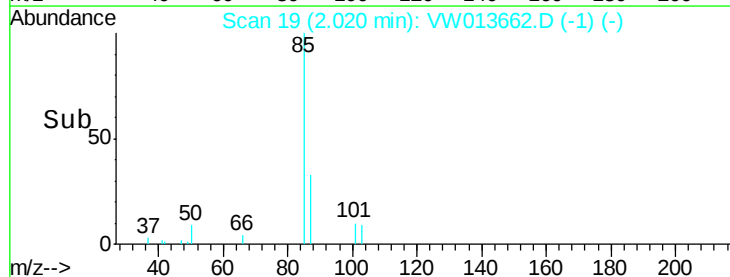
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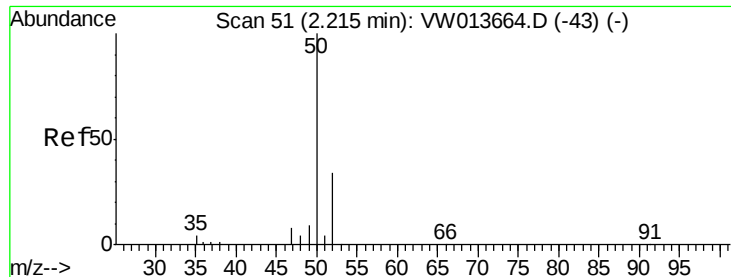
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 11.624 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 24688

Ion Ratio Lower Upper

50 100

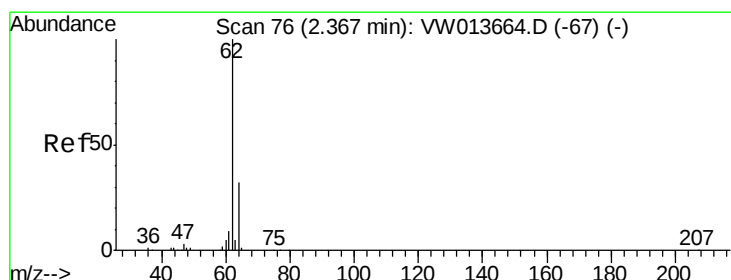
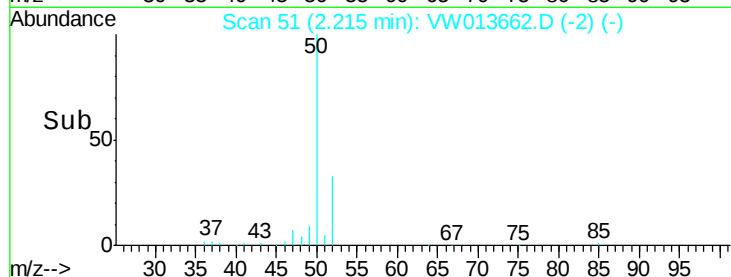
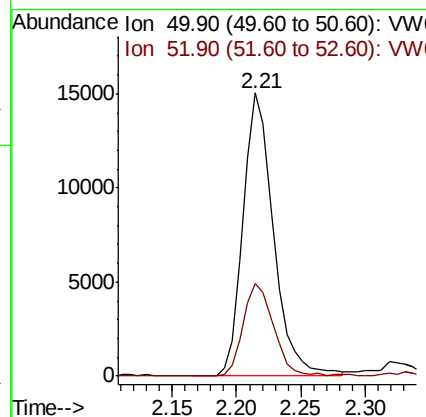
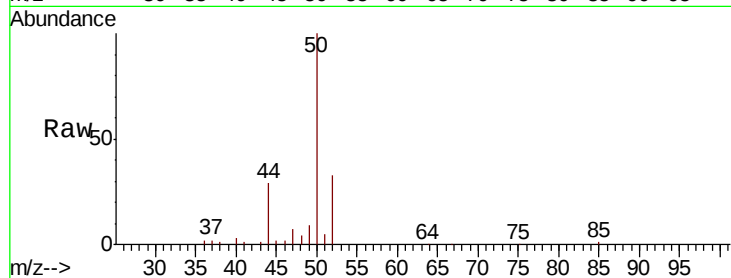
52 32.7 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 11.267 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013662.D

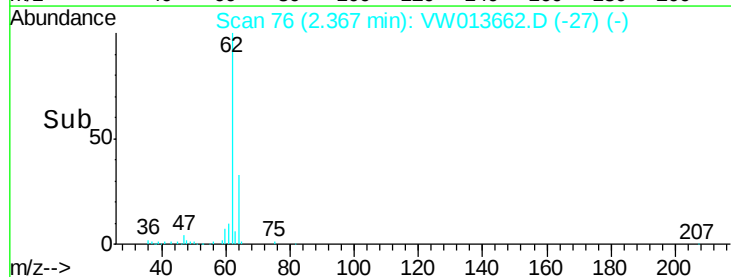
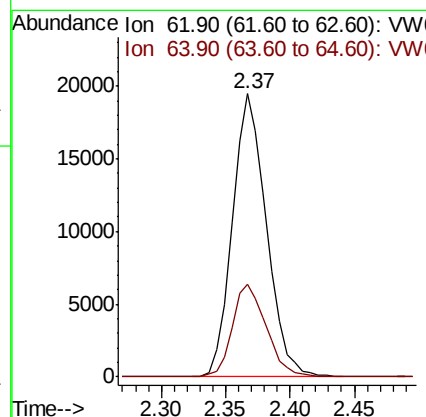
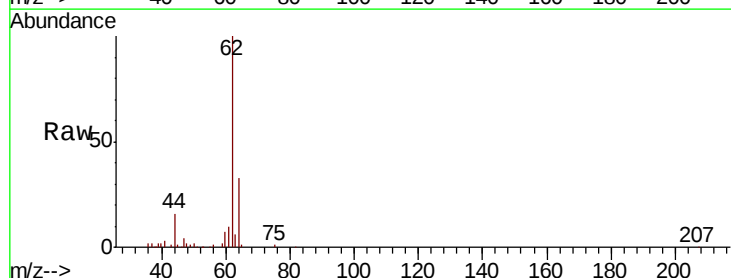
Acq: 23 Oct 2019 11:49

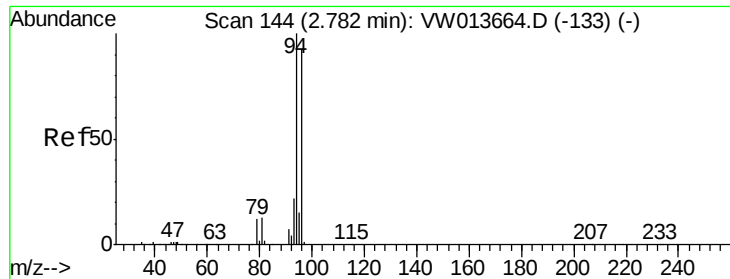
Tgt Ion: 62 Resp: 35702

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 12.023 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 23033

Ion Ratio Lower Upper

94 100

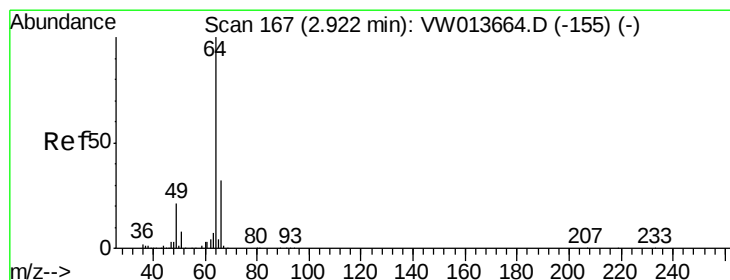
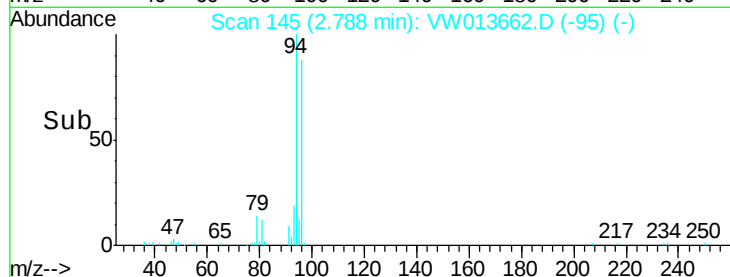
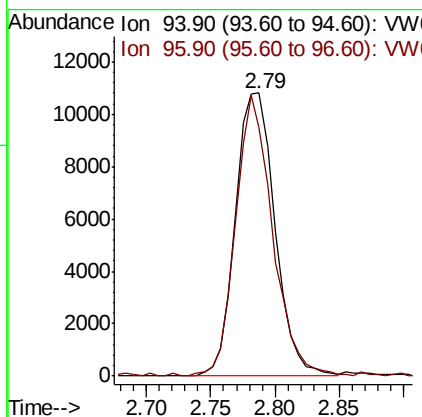
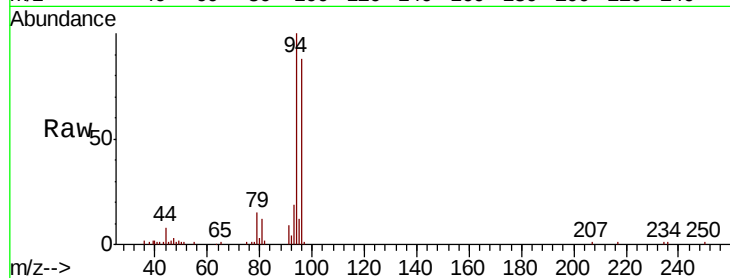
96 87.9 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 11.846 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013662.D

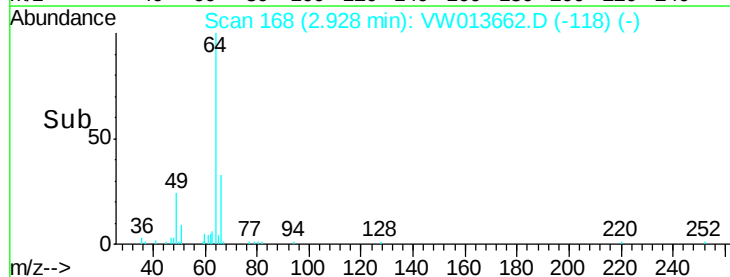
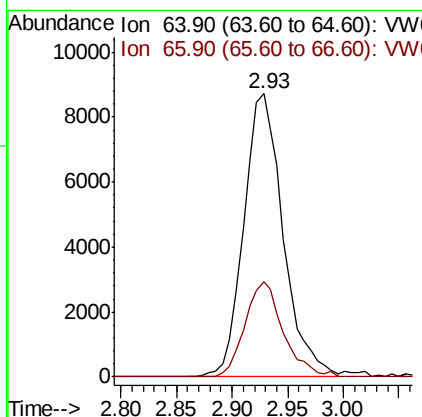
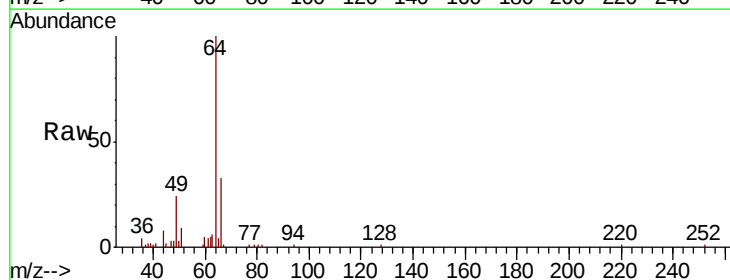
Acq: 23 Oct 2019 11:49

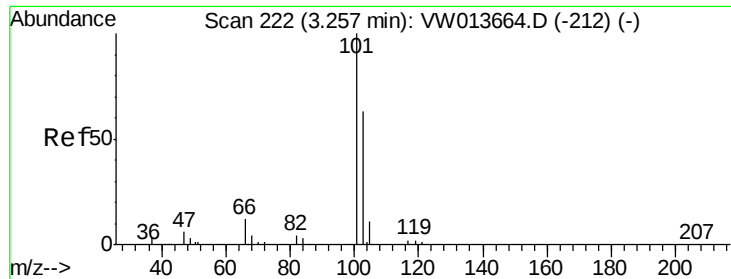
Tgt Ion: 64 Resp: 21428

Ion Ratio Lower Upper

64 100

66 33.5 25.4 38.0





#7

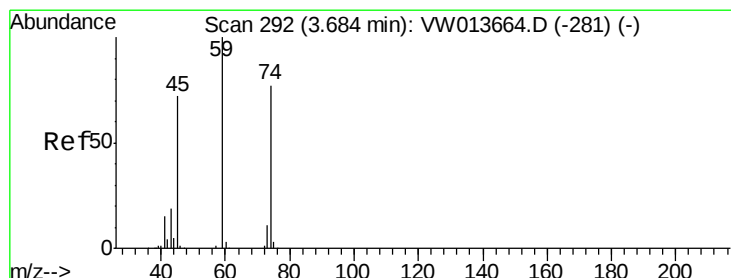
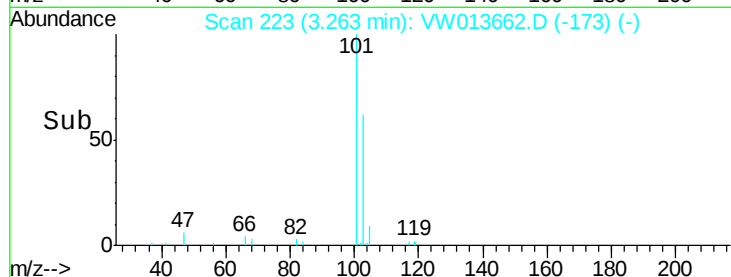
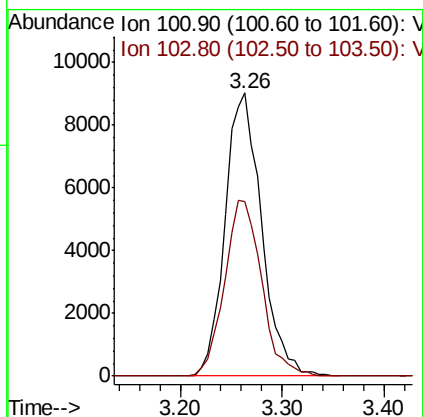
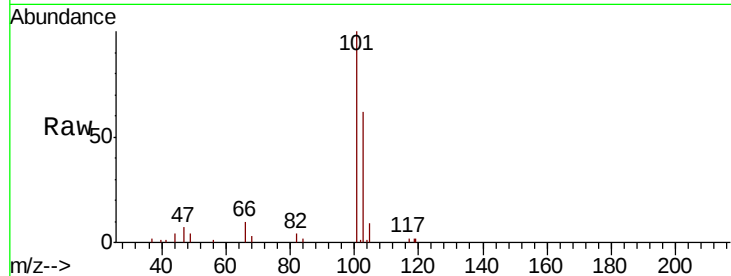
Trichlorofluoromethane
 Concen: 14.338 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	50.6	76.0

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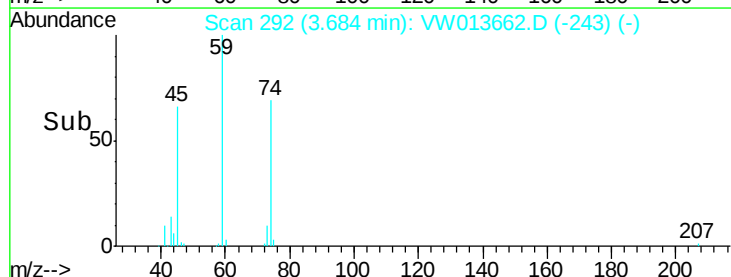
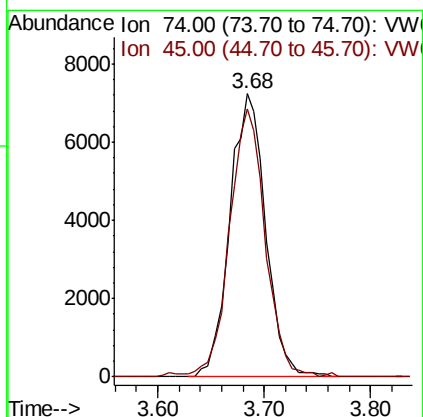
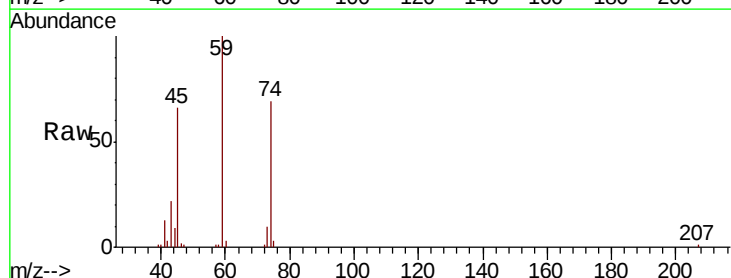
MMDadoda
 10/24/2019 1:26:37 PM

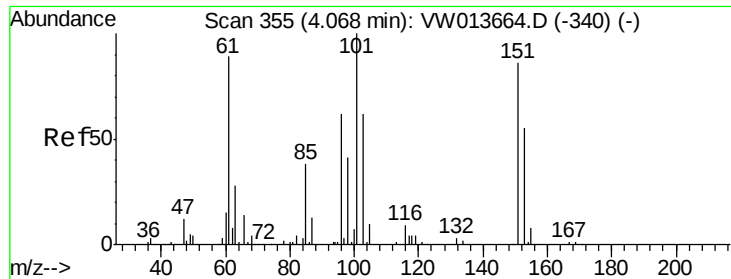


#8

Diethyl Ether
 Concen: 10.820 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.407 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

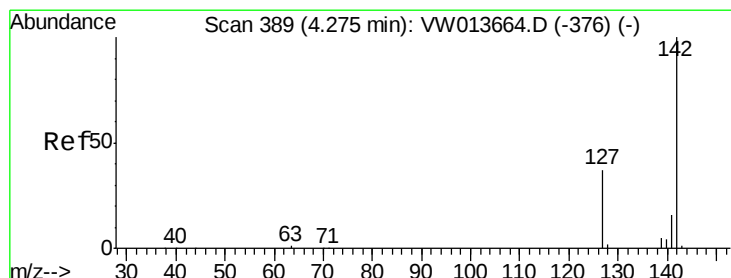
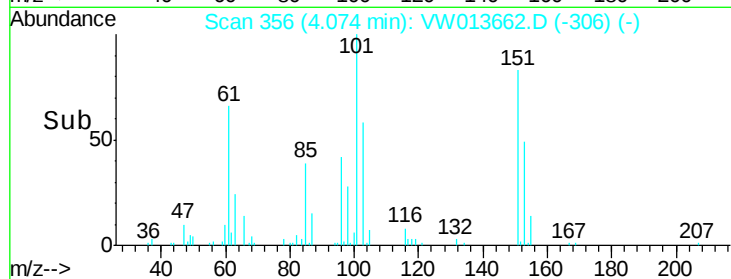
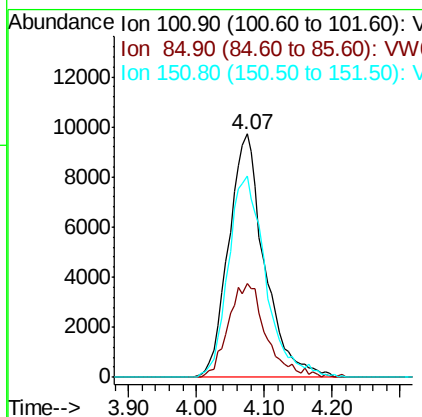
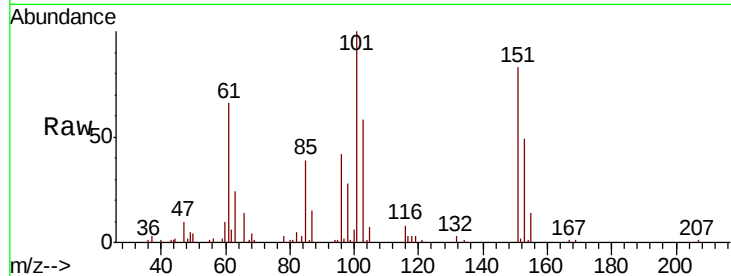
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	35645
Ion Ratio	Lower	Upper	
101	100		
85	39.6	31.0	46.6
151	85.9	68.2	102.4

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#10

Methyl Iodide

Concen: 11.255 ug/l

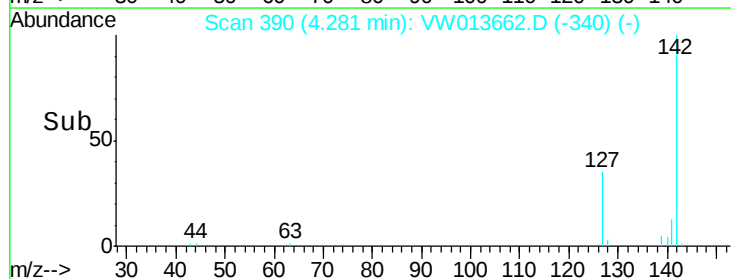
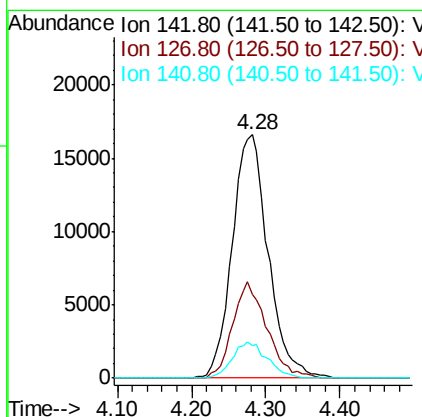
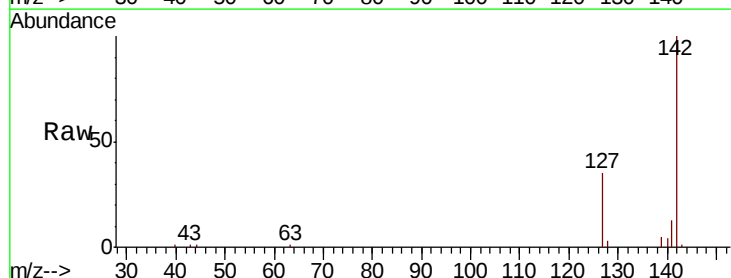
RT: 4.28 min Scan# 390

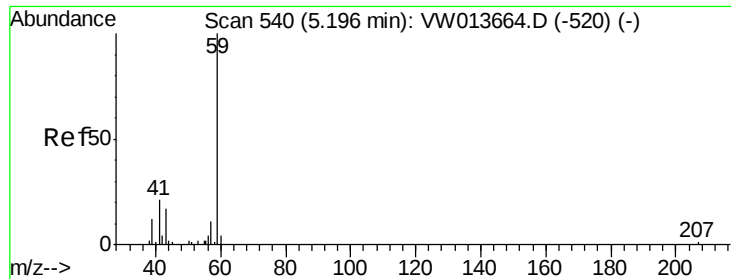
Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	142	Resp:	56060
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.3	45.5
141	14.3	11.8	17.8





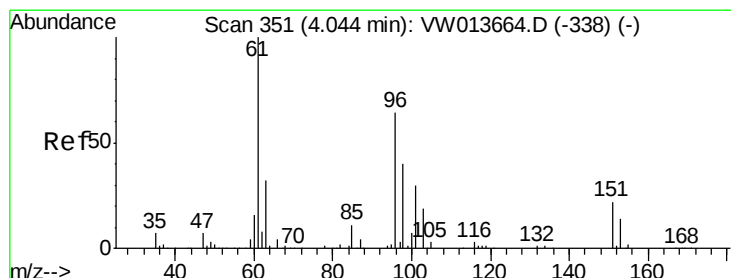
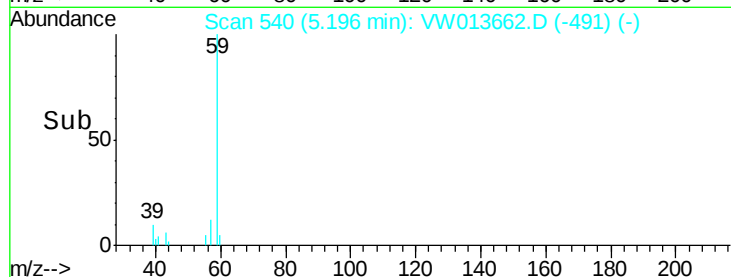
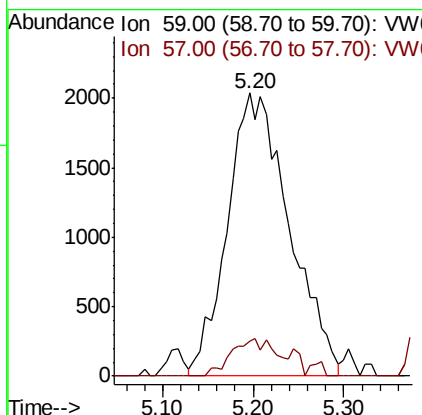
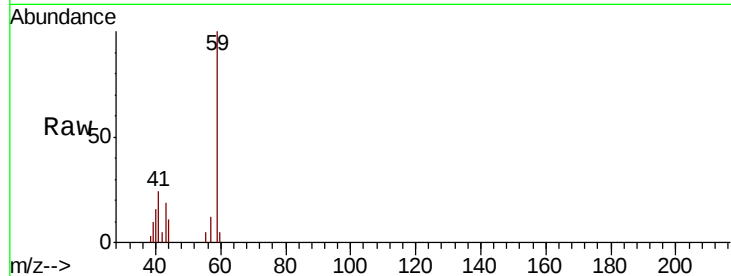
#11
Tert butyl alcohol
Concen: 41.454 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 9673
Ion Ratio Lower Upper
59 100
57 9.5 8.8 13.2

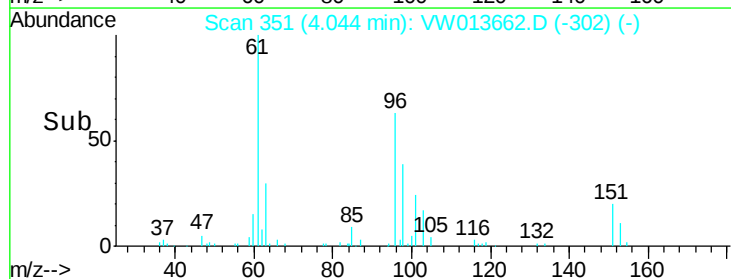
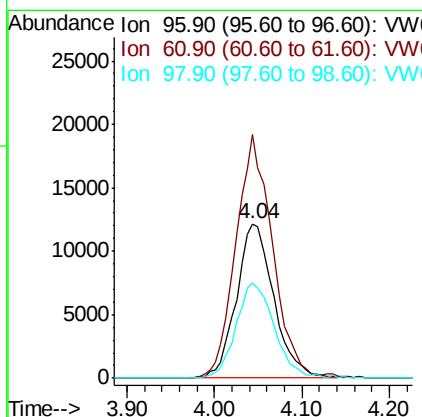
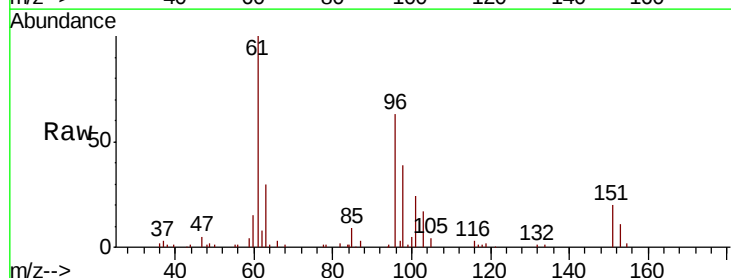
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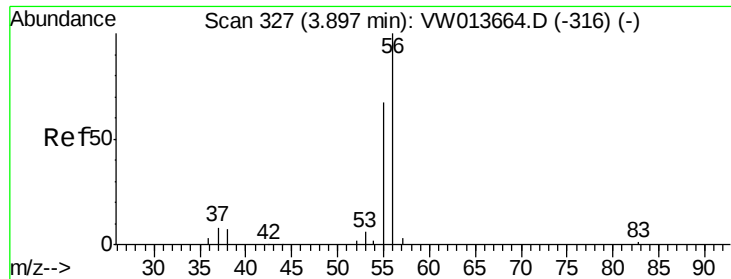
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#12
1,1-Dichloroethene
Concen: 11.128 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion: 96 Resp: 36102
Ion Ratio Lower Upper
96 100
61 157.9 125.0 187.6
98 61.7 50.3 75.5





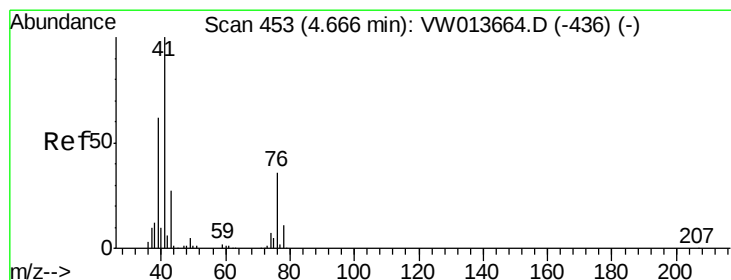
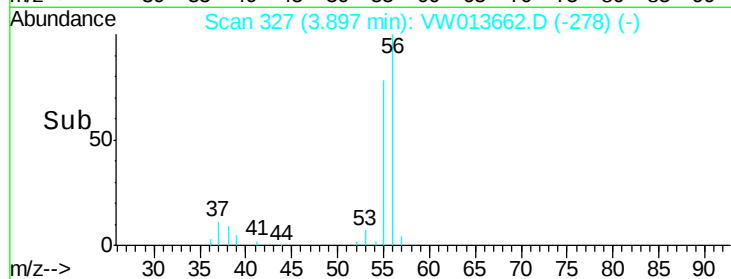
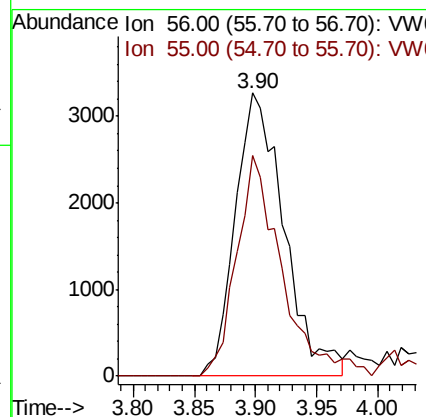
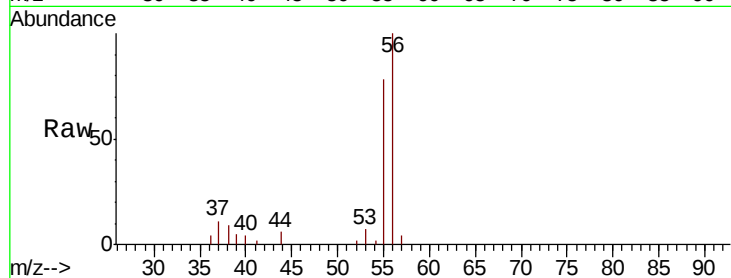
#13
Acrolein
Concen: 40.596 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	56	55	Resp	9059	Lower	Upper
Ion	100	72.0				
Ratio			56.1	84.1		

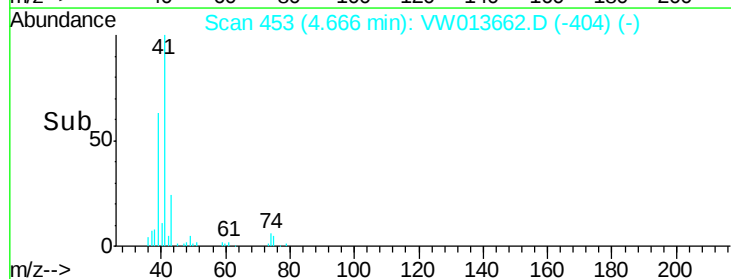
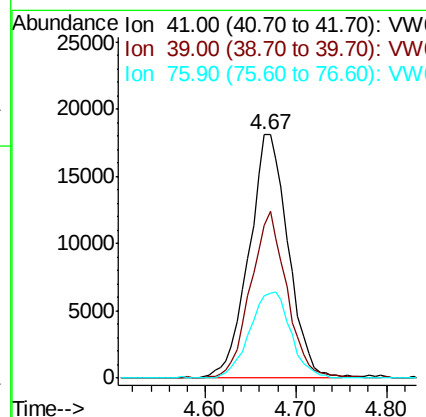
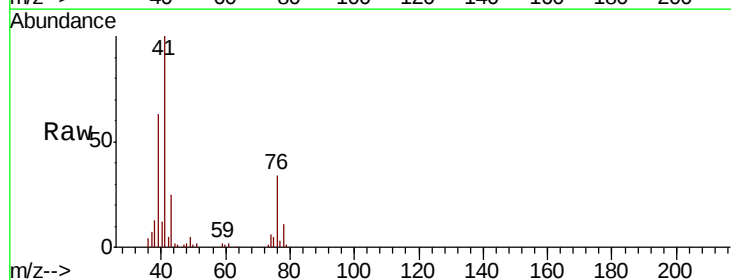
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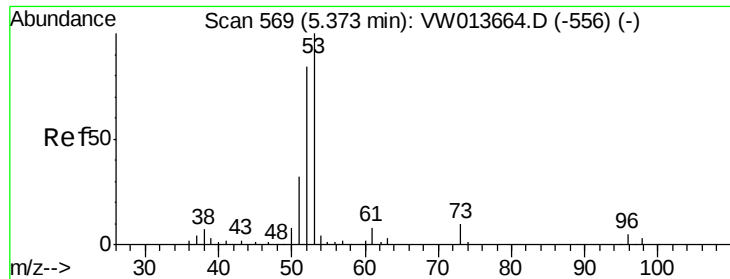
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#14
Allyl chloride
Concen: 10.861 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	41	39	76	Resp	54180	Lower	Upper
Ion	100	63.4	36.7				
Ratio				50.0	75.0	29.6	44.4





#15

Acrylonitrile

Concen: 48.396 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

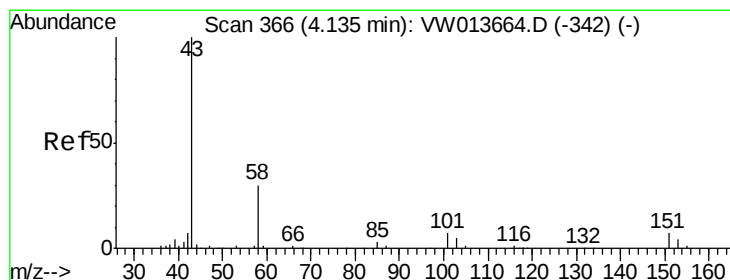
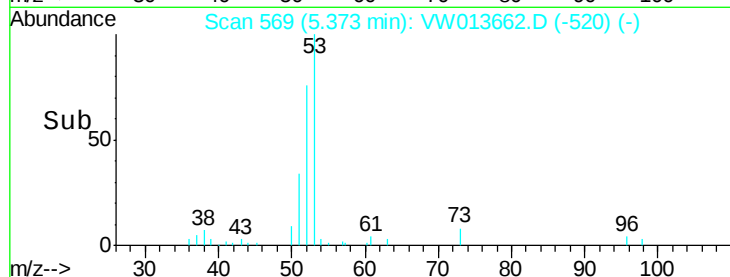
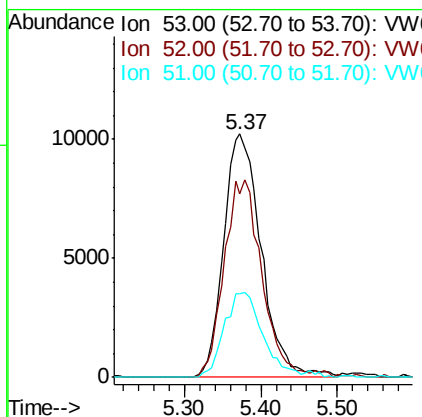
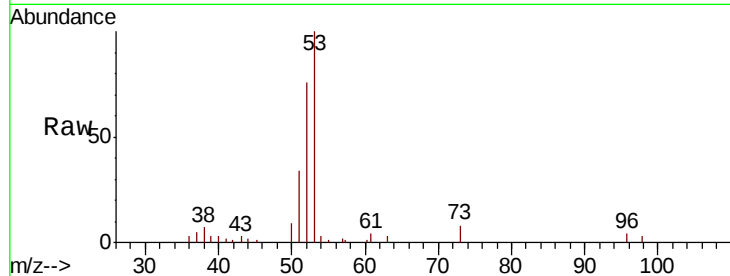
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	34840
Ion	Ratio	Lower	Upper
53	100		
52	80.9	67.4	101.0
51	35.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 45.124 ug/l

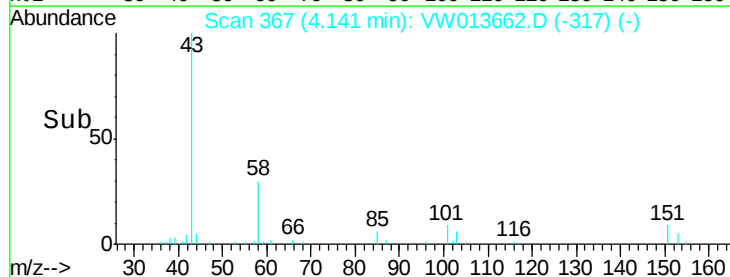
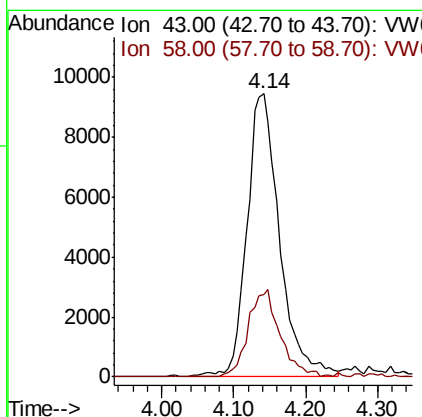
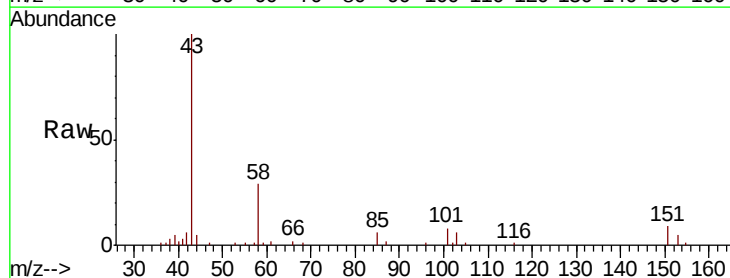
RT: 4.14 min Scan# 367

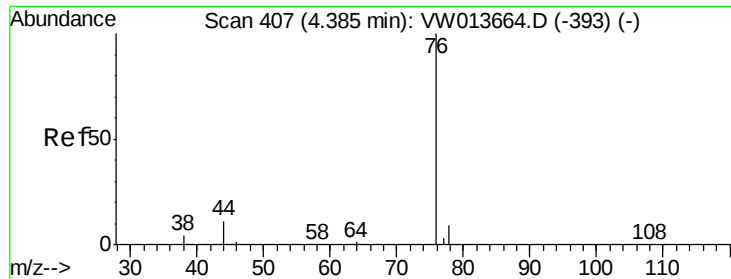
Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	43	Resp:	29781
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.1	36.1





#17

Carbon Disulfide

Concen: 11.092 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 101372

Ion Ratio Lower Upper

76 100

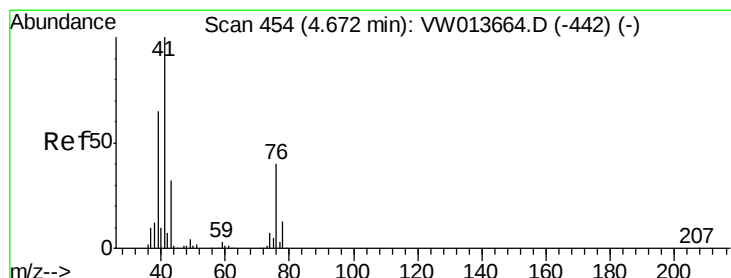
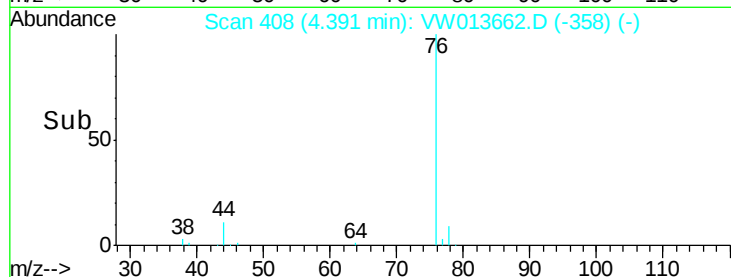
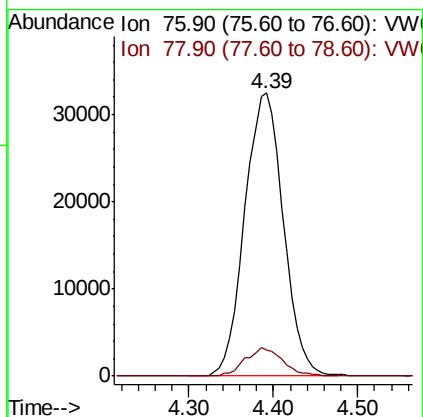
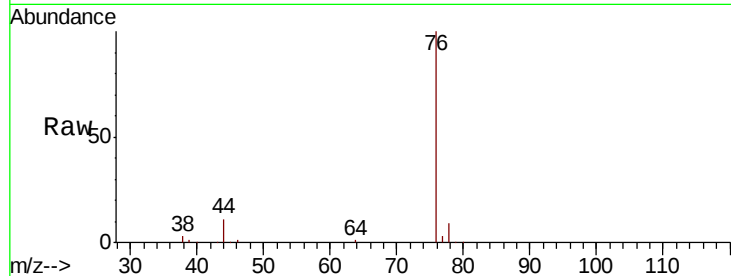
78 9.4 7.0 10.6

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#18

Methyl Acetate

Concen: 9.595 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW013662.D

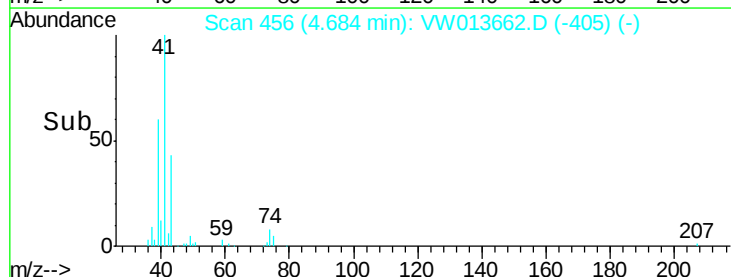
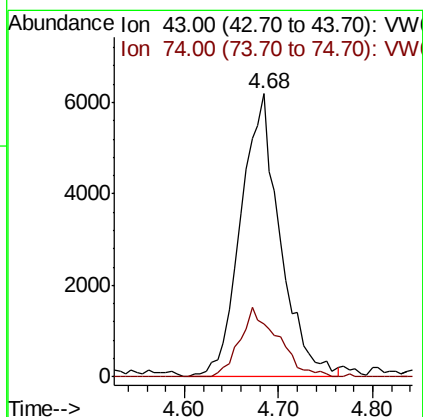
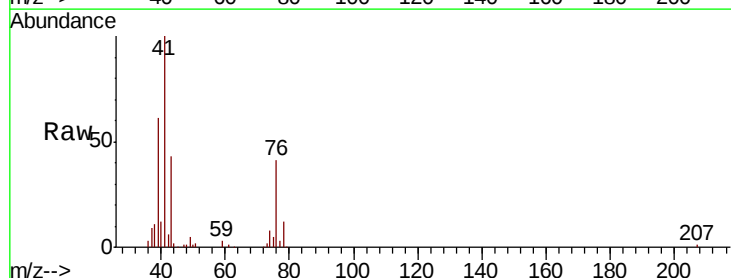
Acq: 23 Oct 2019 11:49

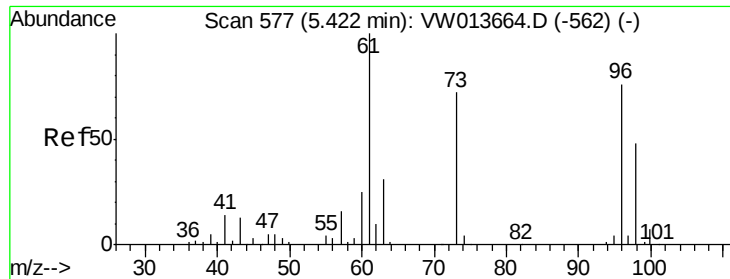
Tgt Ion: 43 Resp: 18058

Ion Ratio Lower Upper

43 100

74 23.9 19.8 29.8





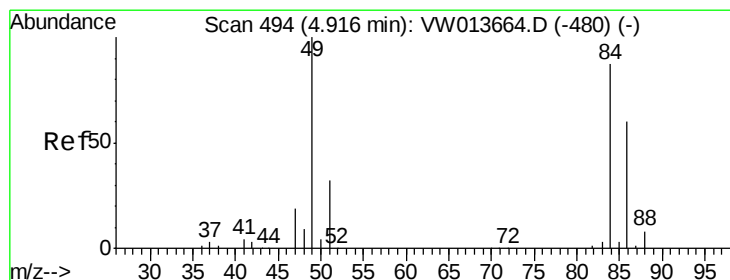
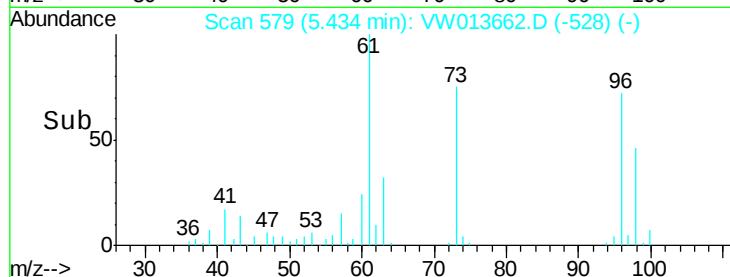
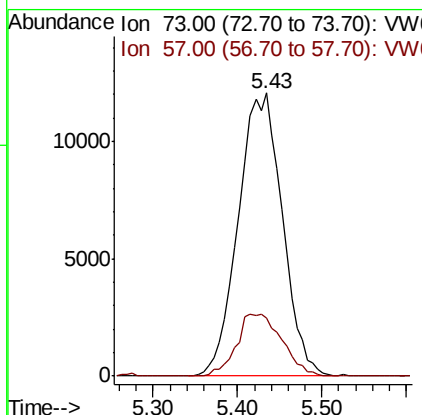
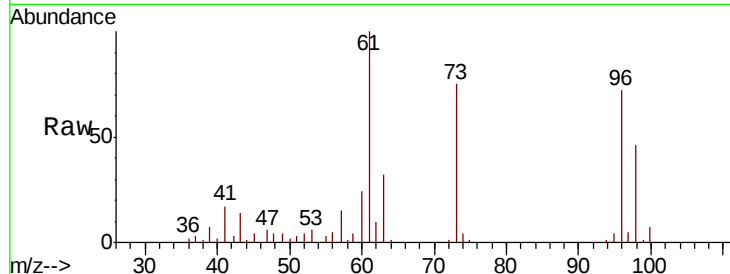
#19
Methvl tert-butvl Ether
Concen: 9.034 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tot Ion: 73 Resp: 42850
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

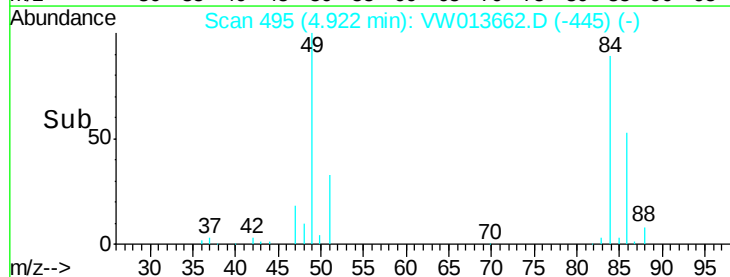
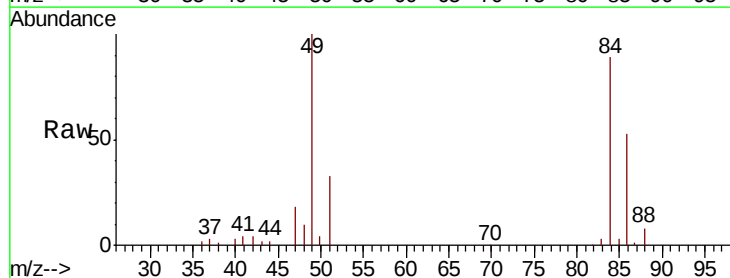
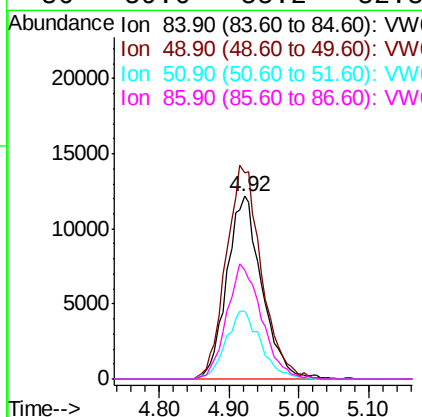
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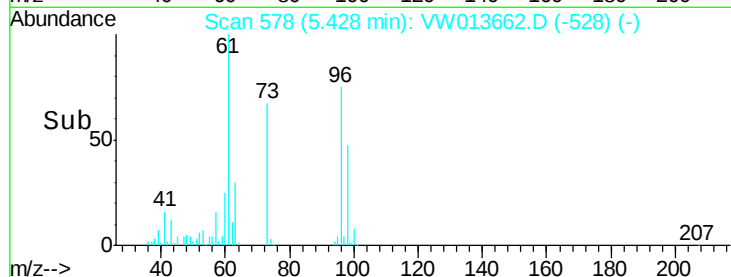
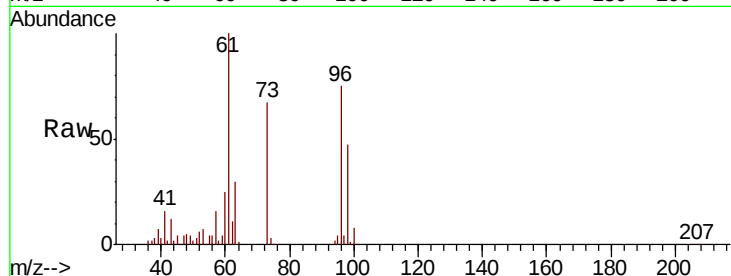
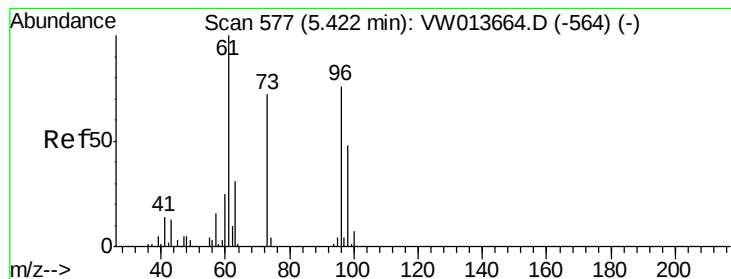
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#20
Methylene Chloride
Concen: 11.430 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion: 84 Resp: 42199
Ion Ratio Lower Upper
84 100
49 112.5 91.8 137.6
51 36.8 29.8 44.6
86 59.6 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 10.984 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW013662.D

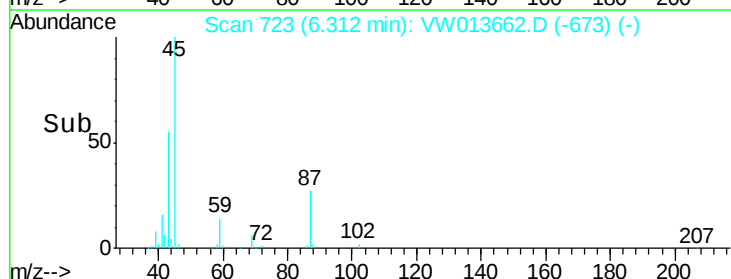
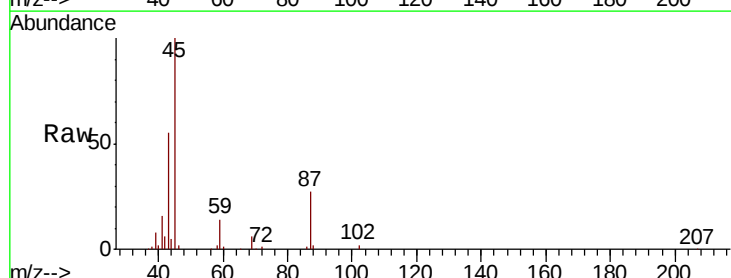
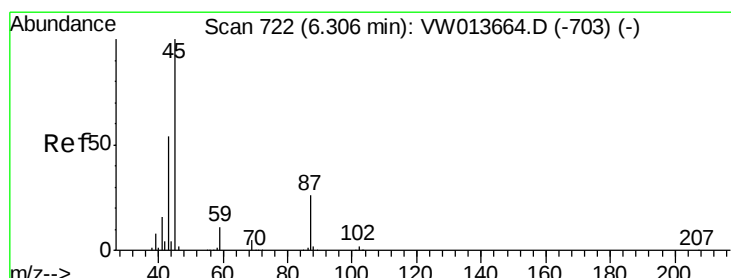
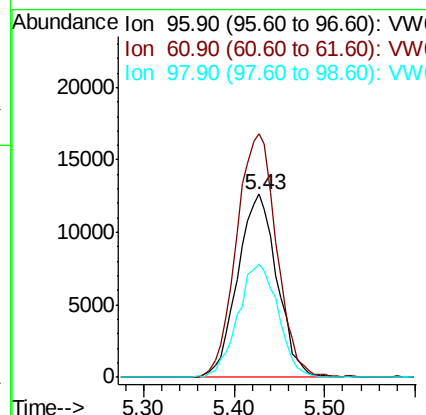
Acq: 23 Oct 2019 11:49

Tot Ion:	96	Resp:	37984
Ion	Ratio	Lower	Upper
96	100		
61	132.8	104.8	157.2
98	61.9	50.6	76.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

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#22

Diisopropyl ether

Concen: 10.541 ug/l

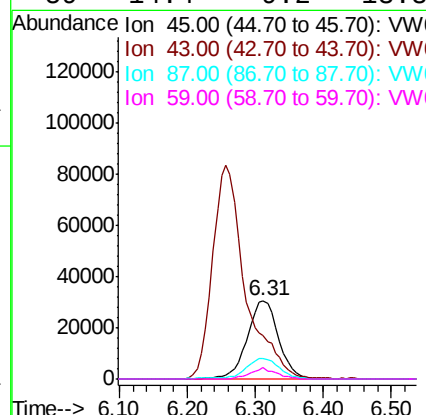
RT: 6.31 min Scan# 723

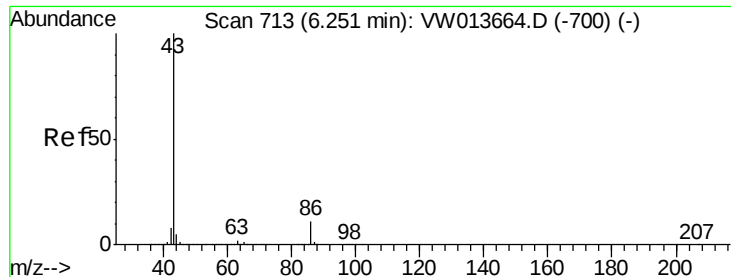
Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	45	Resp:	98274
Ion	Ratio	Lower	Upper
45	100		
43	54.0	43.4	65.2
87	26.9	21.5	32.3
59	14.4	9.2	13.8#





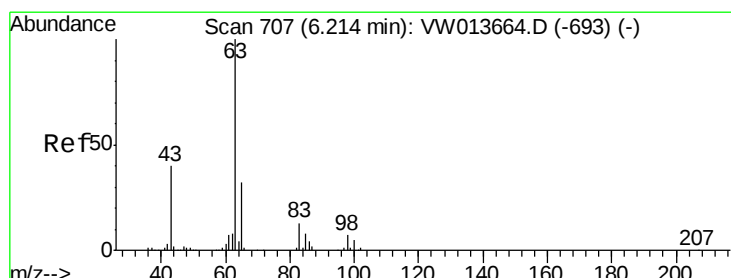
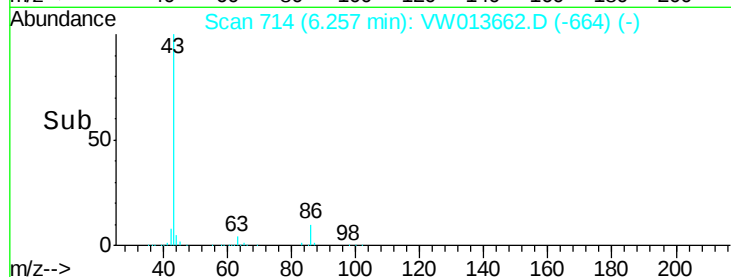
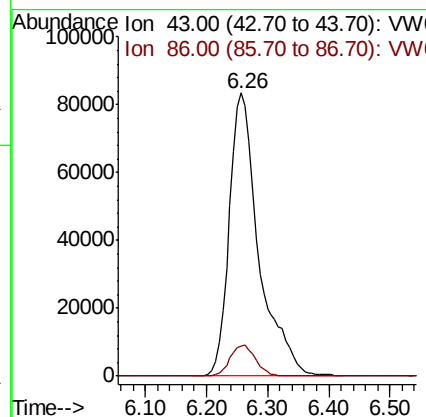
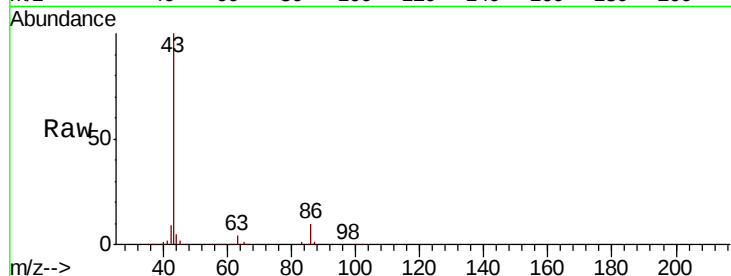
#23
 Vinyl Acetate
 Concen: 50.329 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100	280221		
86	10.4		9.0	13.6

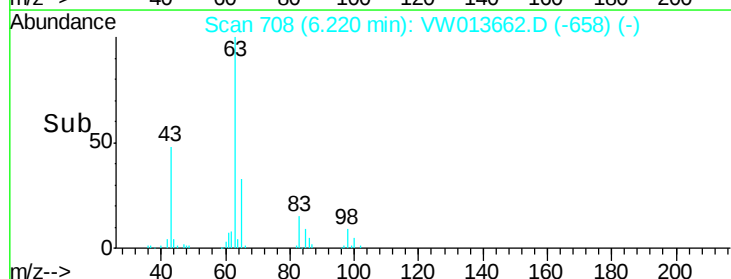
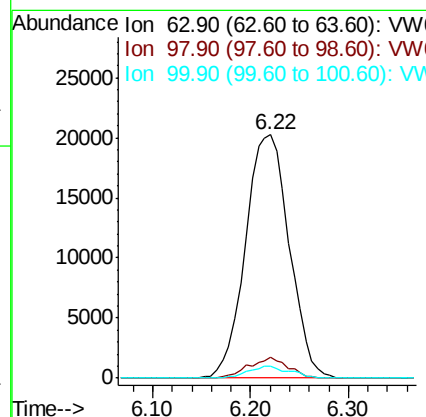
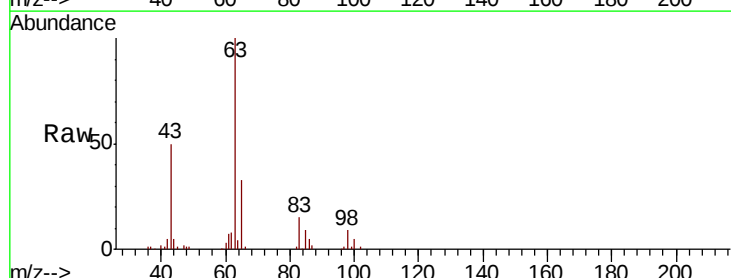
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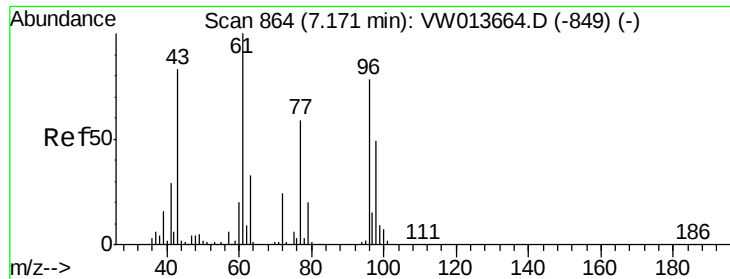
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 10.953 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	62833		
98	8.8		3.6	10.9
100	4.8		2.5	7.4





#25

2-Butanone

Concen: 45.567 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 44124

Ion Ratio Lower Upper

43 100

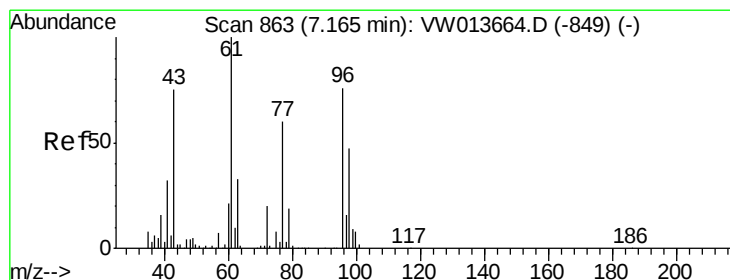
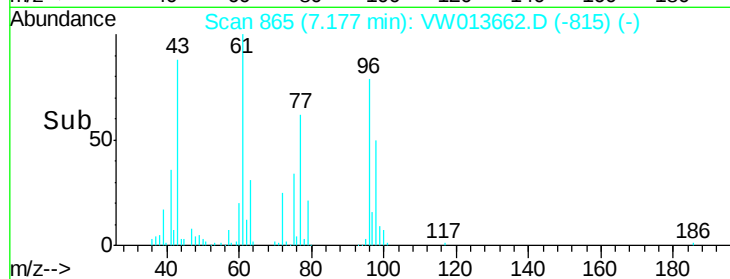
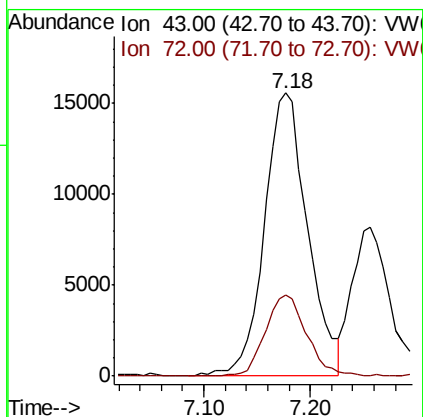
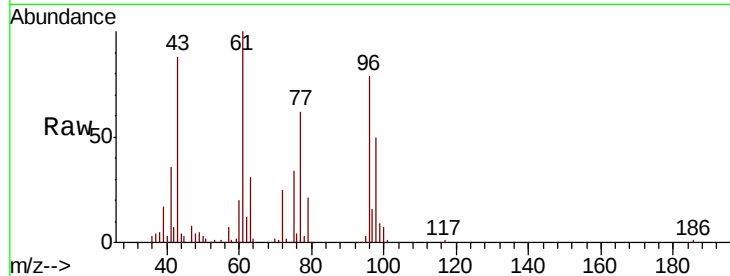
72 28.7 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.773 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013662.D

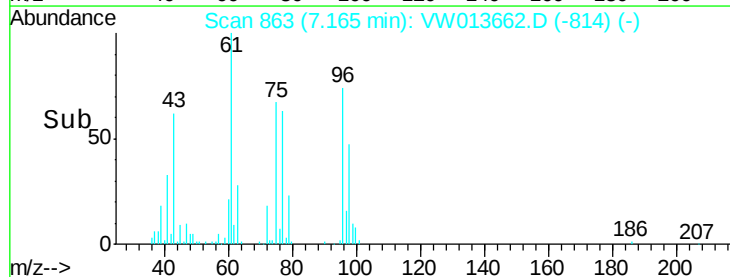
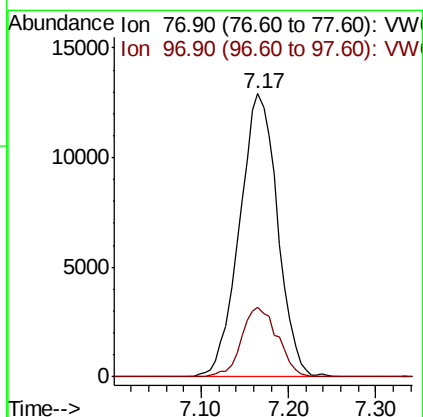
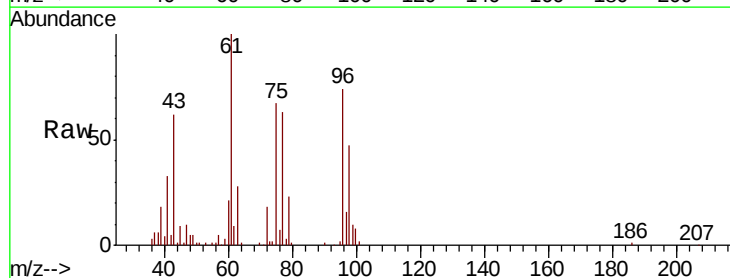
Acq: 23 Oct 2019 11:49

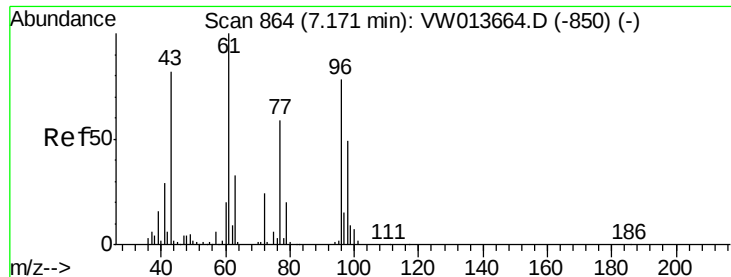
Tgt Ion: 77 Resp: 38953

Ion Ratio Lower Upper

77 100

97 23.2 12.8 38.4





#27

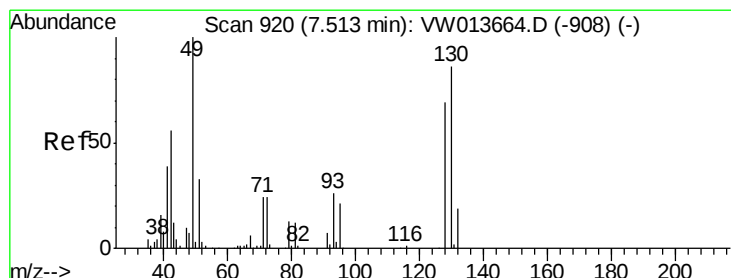
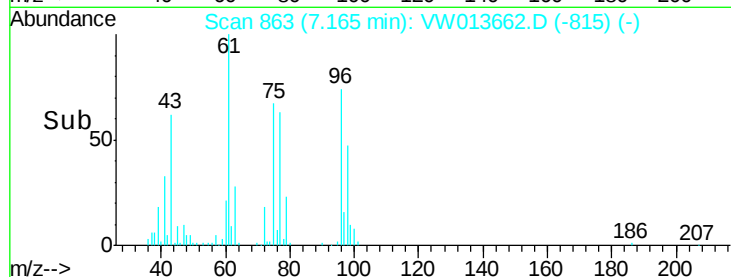
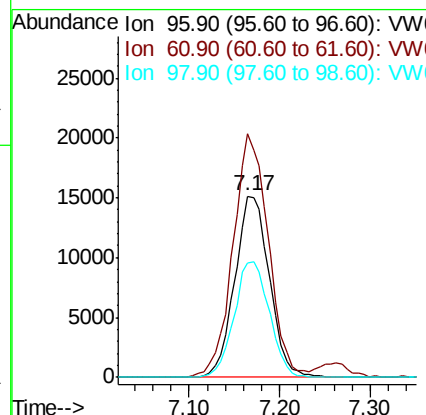
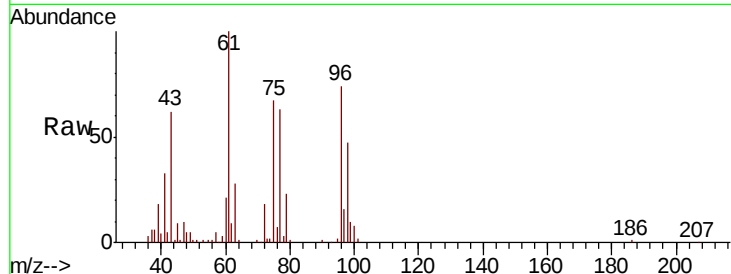
cis-1,2-Dichloroethene
 Concen: 10.940 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	266.0
98	64.7	0.0	126.8

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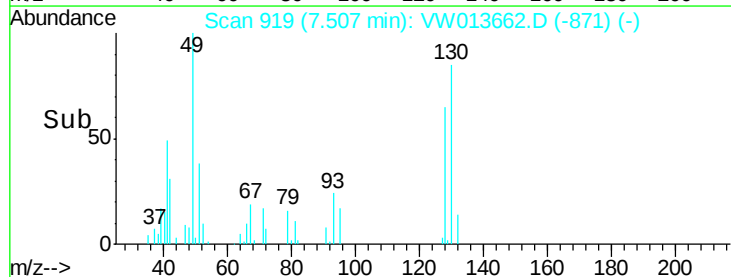
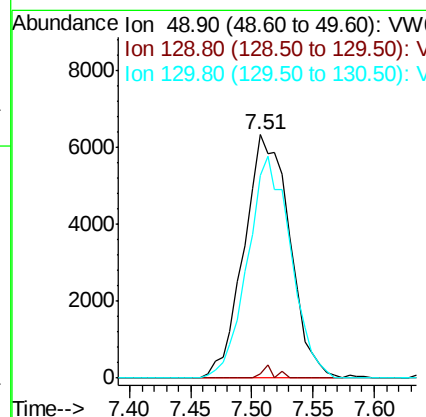
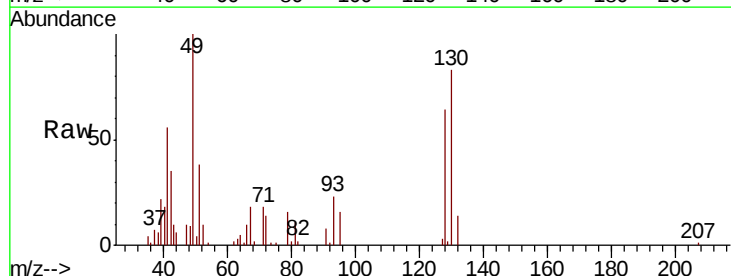
MMDadoda
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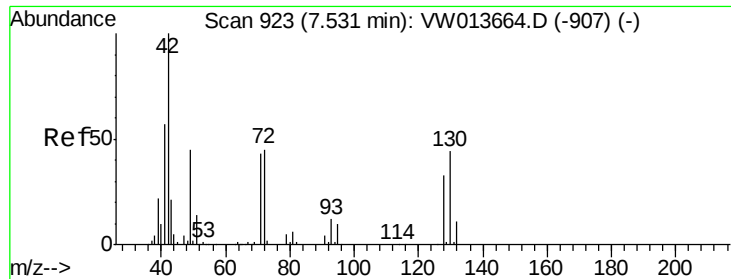


#28

Bromochloromethane
 Concen: 7.974 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	0.6#
130	86.5	67.5	101.3





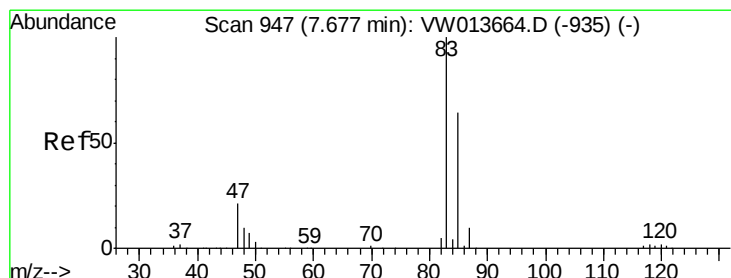
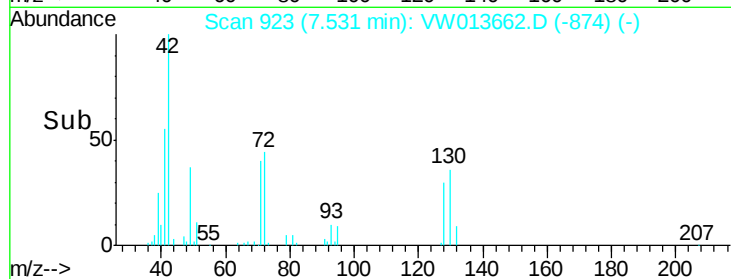
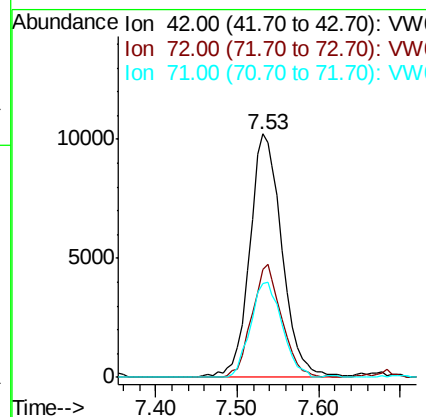
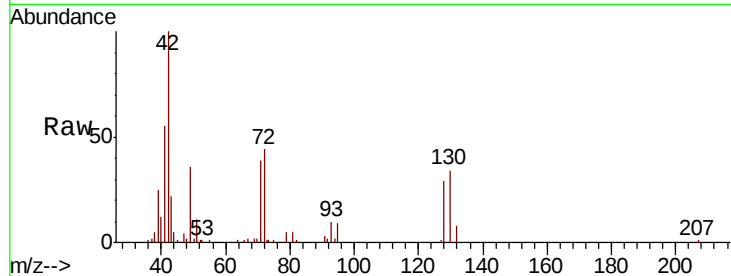
#29
Tetrahydrofuran
Concen: 47.687 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.3	52.9
71	38.3	33.3	49.9

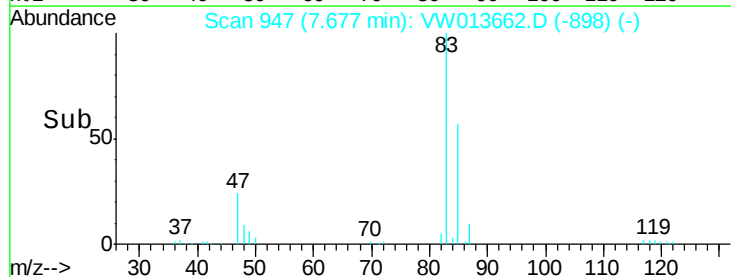
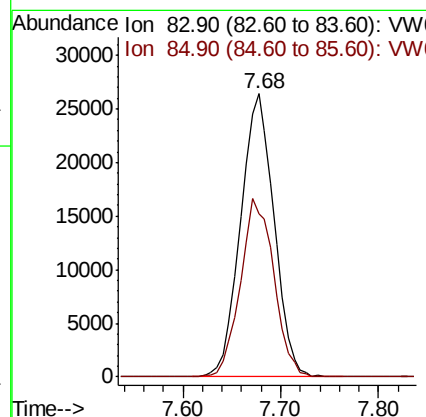
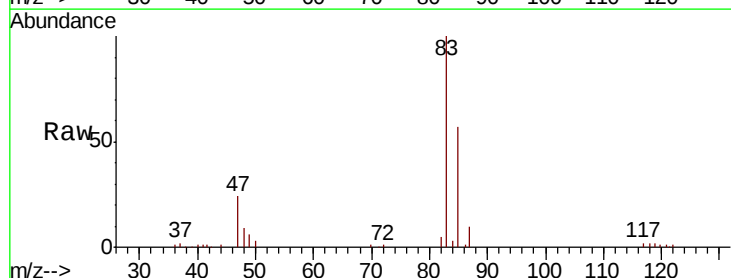
Manual Integrations
APPROVED

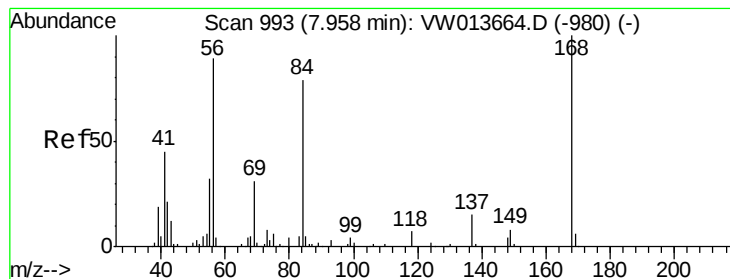
MMDadoda
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#30
Chloroform
Concen: 11.285 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	51.4	77.2





#31

Cyclohexane

Concen: 11.189 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

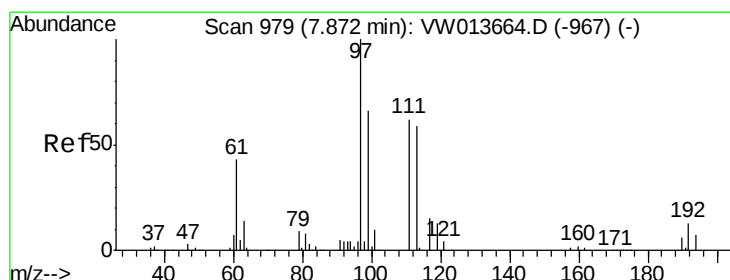
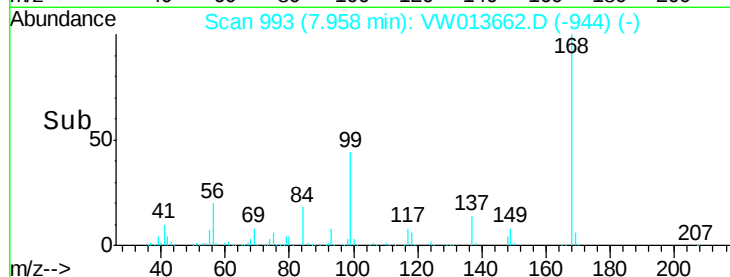
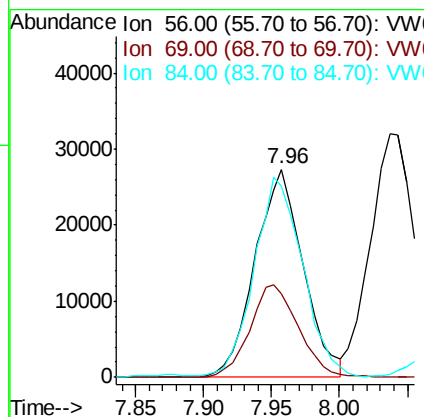
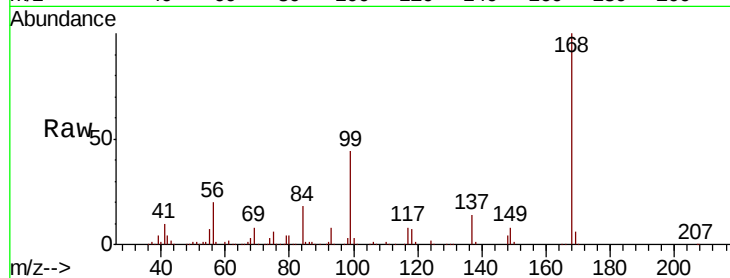
ClientSampleId :

VSTDIC010

Tot Ion	56	Resp	67652
Ion	Ratio	Lower	Upper
56	100		
69	40.1	27.5	41.3
84	90.7	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.956 ug/l

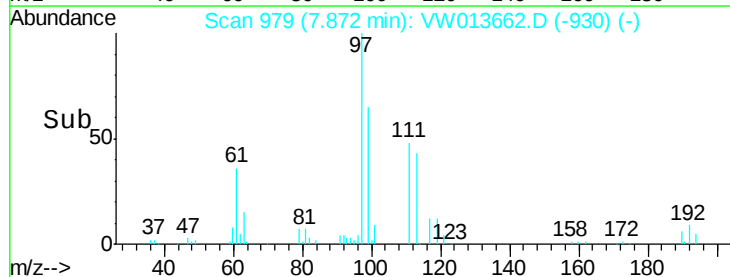
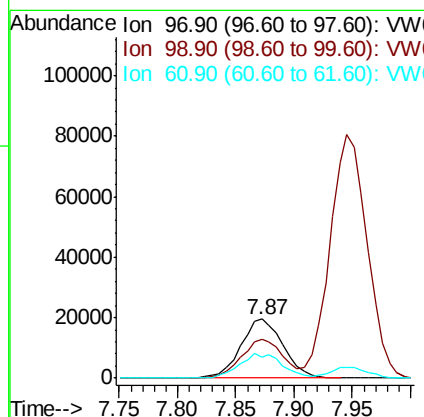
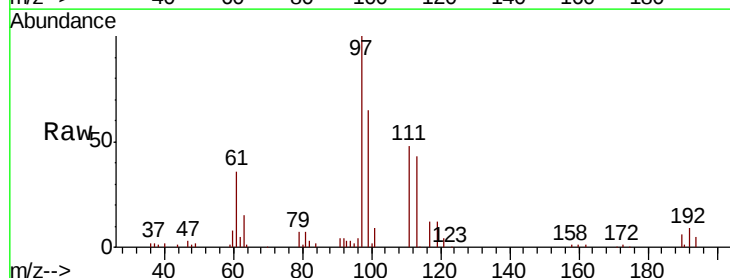
RT: 7.87 min Scan# 979

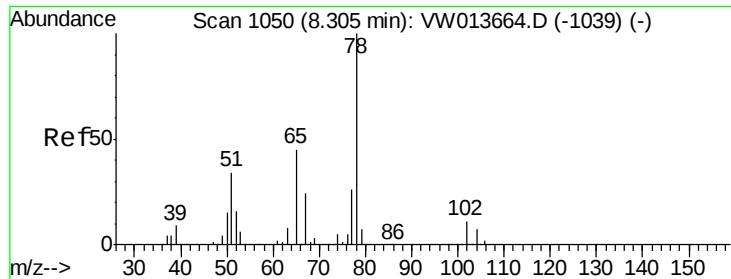
Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion	97	Resp	49118
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	42.1	33.8	50.6





#33

1,2-Dichloroethane-d4

Concen: 9.613 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 27891

Ion Ratio Lower Upper

65 100

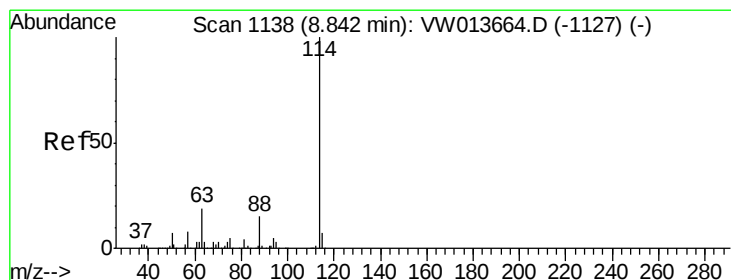
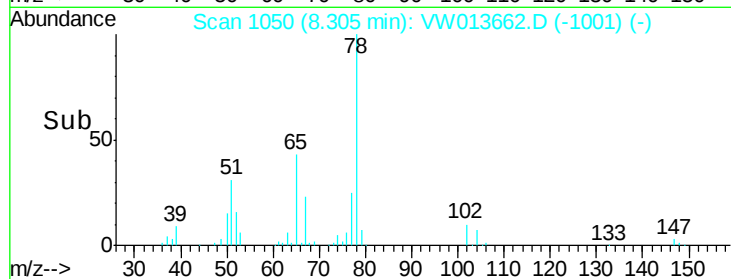
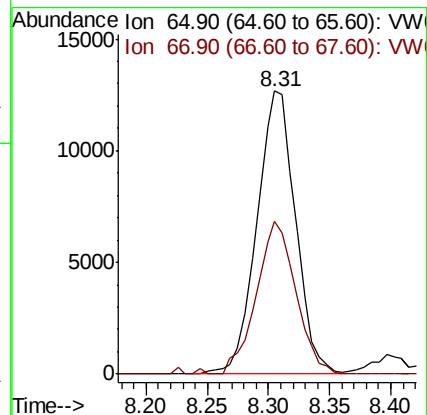
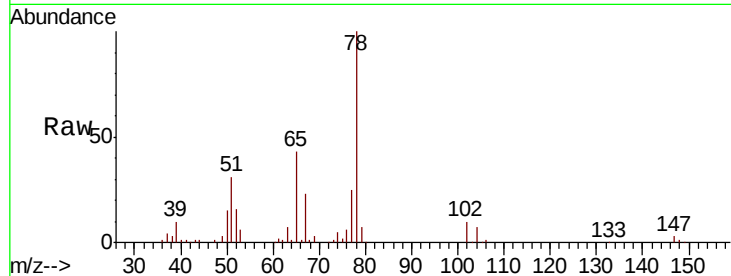
67 55.1 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

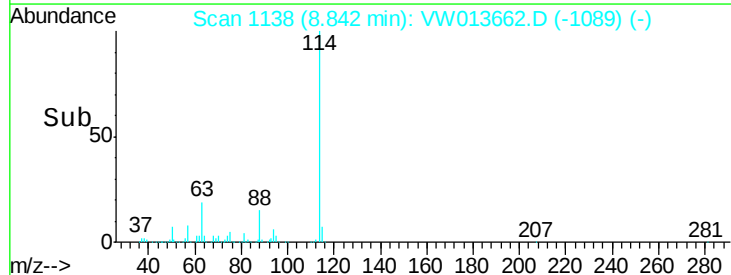
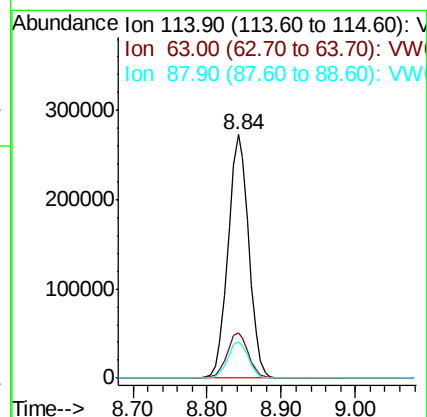
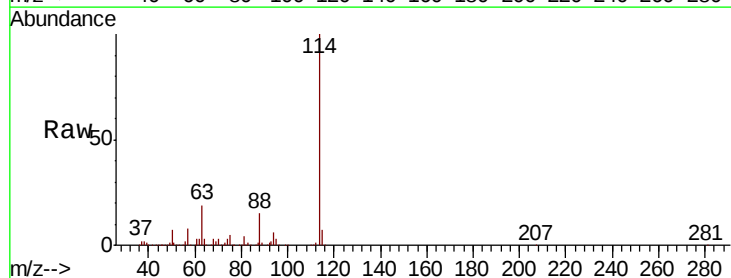
Tgt Ion: 114 Resp: 527813

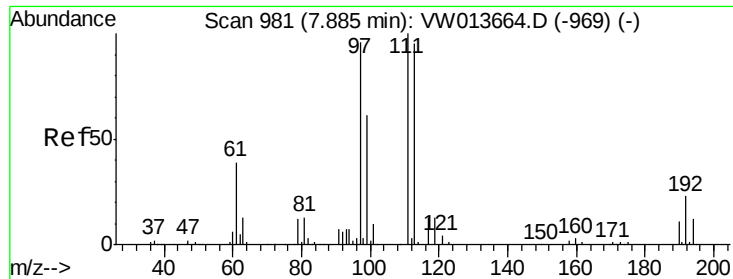
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 15.1 0.0 30.2





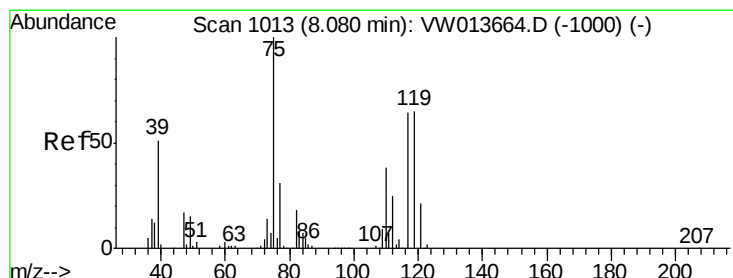
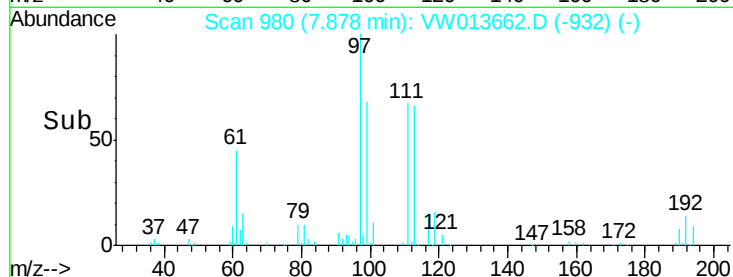
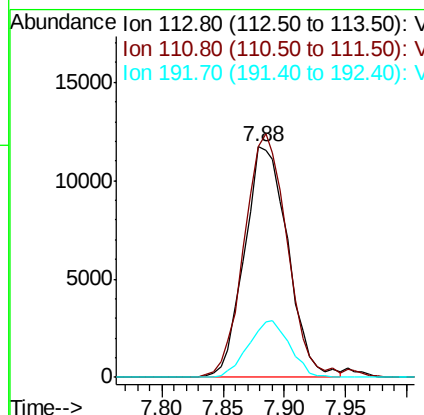
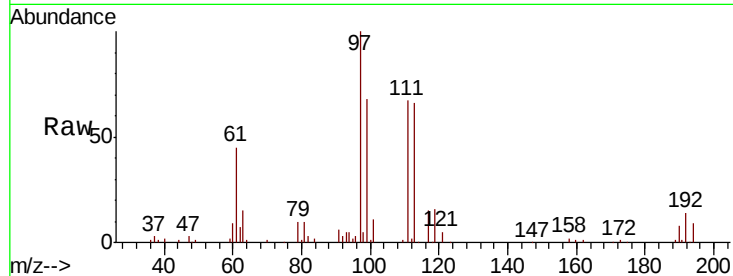
#35
Dibromofluoromethane
Concen: 9.709 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	28946		
111	106.0	83.0	124.6	
192	23.5	19.4	29.2	

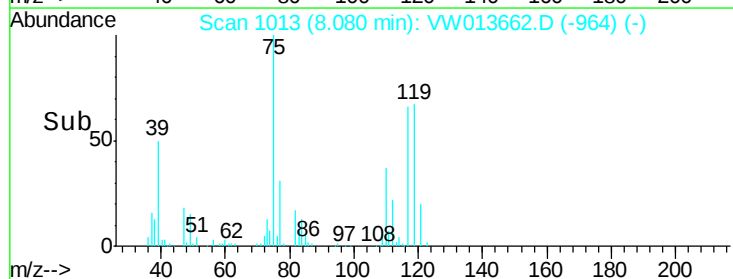
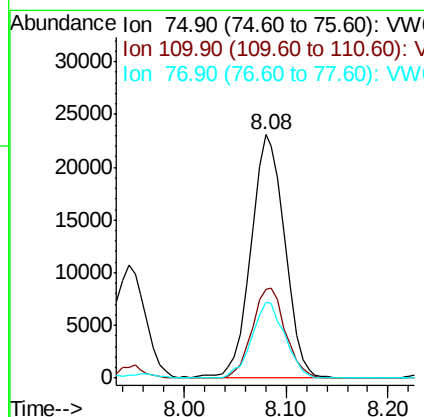
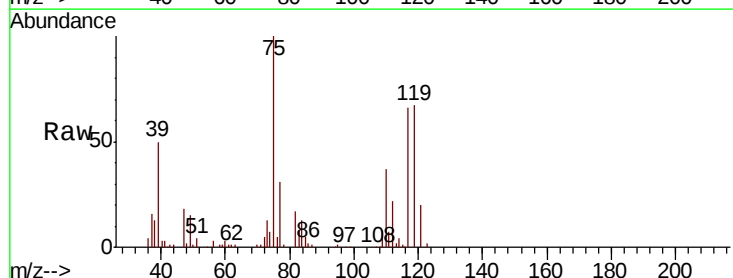
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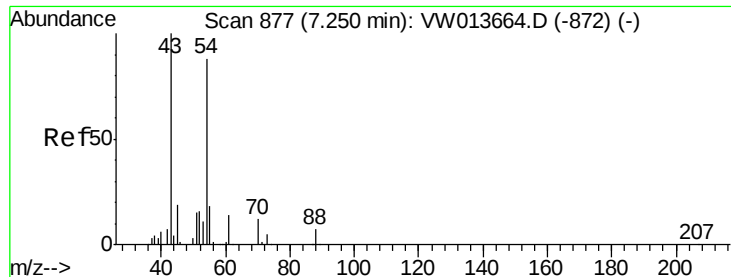
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#36
1,1-Dichloropropene
Concen: 11.100 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53287		
110	36.4	18.7	56.1	
77	30.6	25.4	38.0	





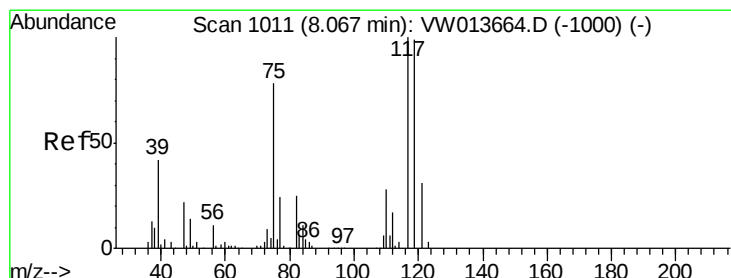
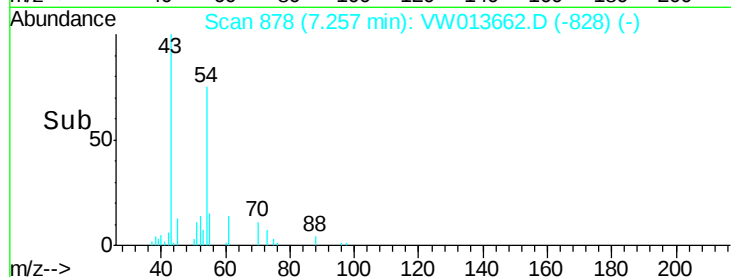
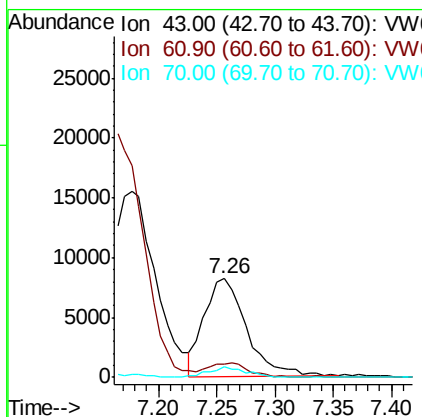
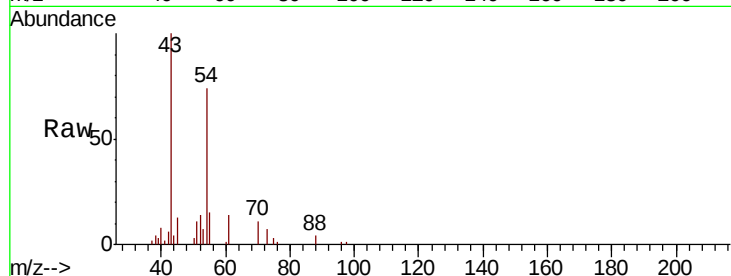
#37
Ethyl Acetate
Concen: 9.635 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	9.9	8.8	13.2

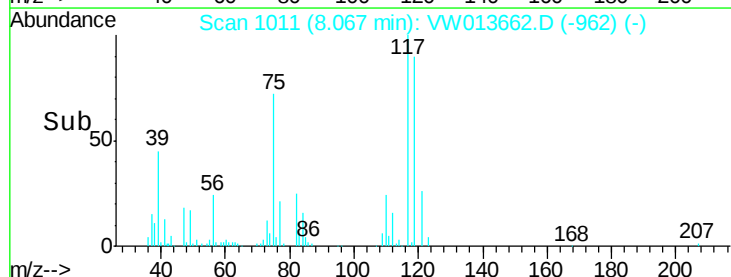
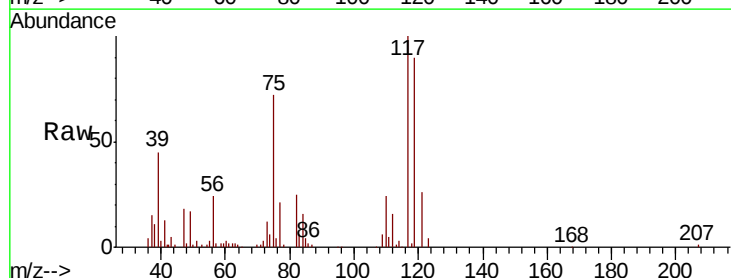
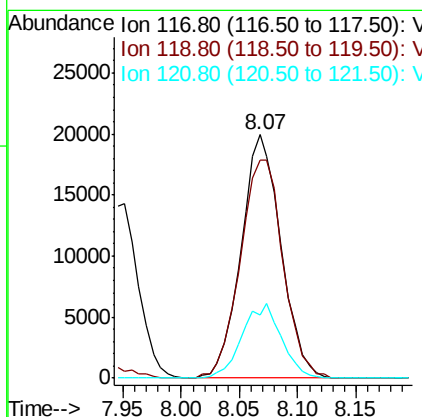
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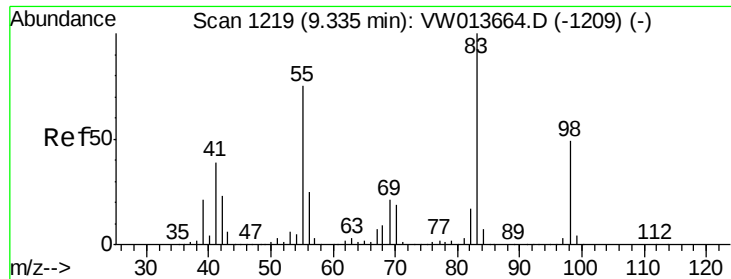
MMDadoda
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#38
Carbon Tetrachloride
Concen: 11.160 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.7	79.0	118.4
121	26.2	24.5	36.7





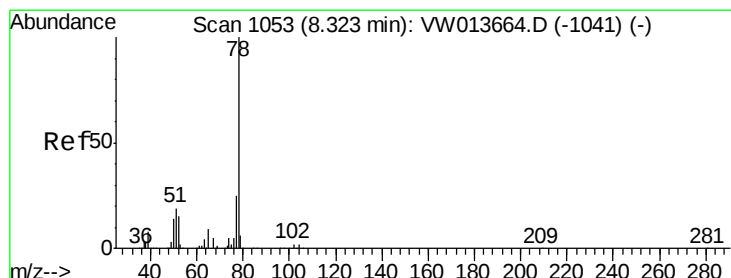
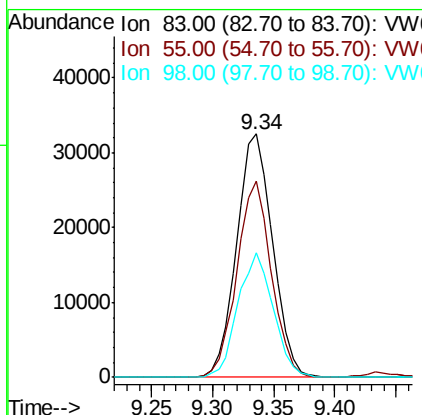
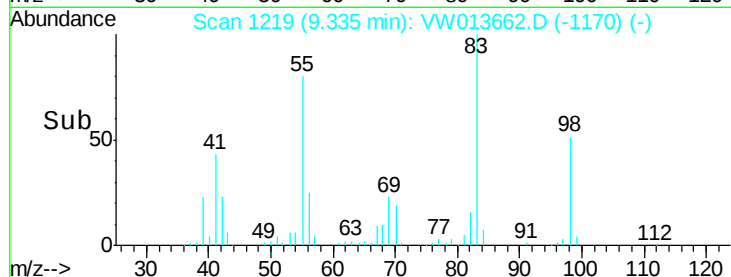
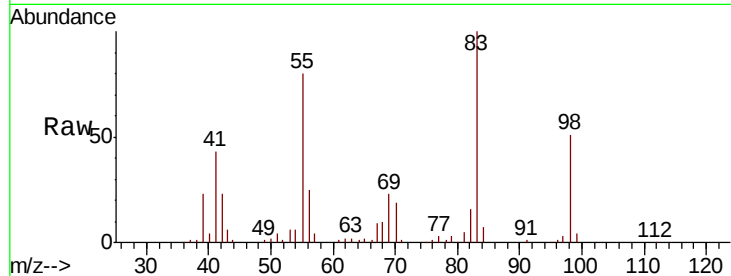
#39
Methvlcvclohexane
Concen: 10.662 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83.00	Resp	66351
Ion	Ratio	Lower	Upper
83	100		
55	80.4	59.9	89.9
98	51.1	39.4	59.2

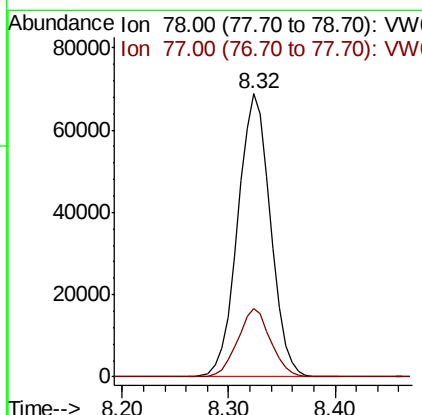
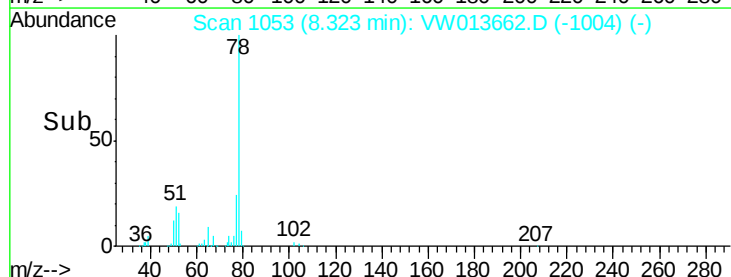
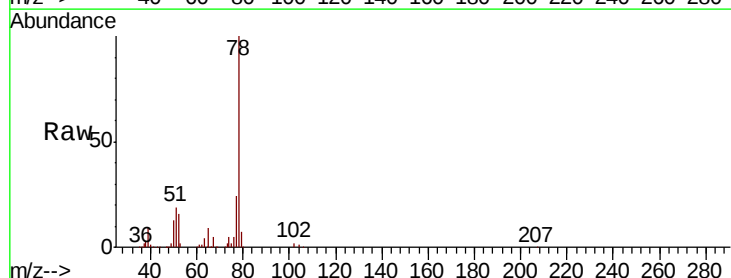
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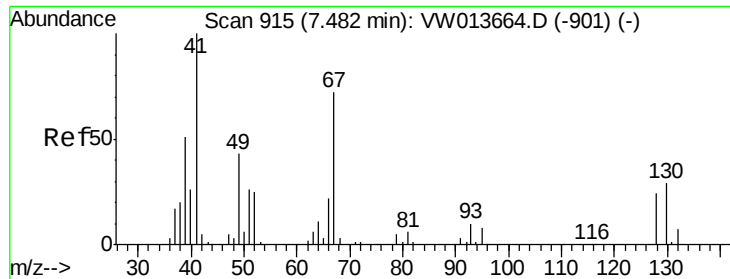
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#40
Benzene
Concen: 11.064 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	78.00	Resp	148596
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.6	29.4





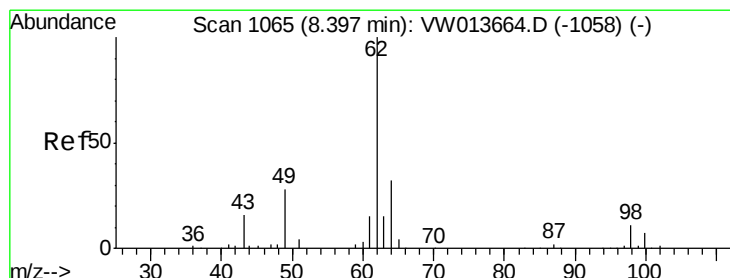
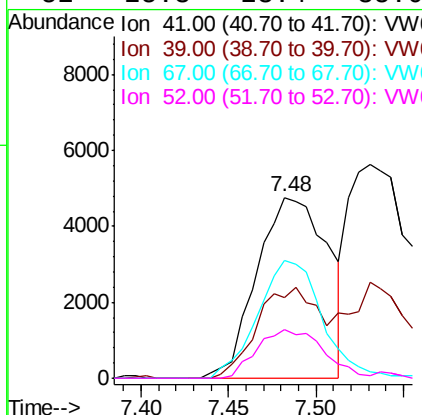
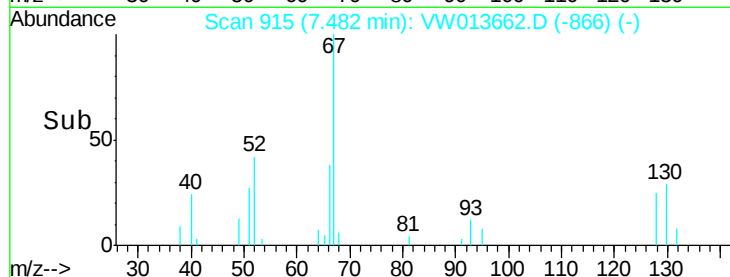
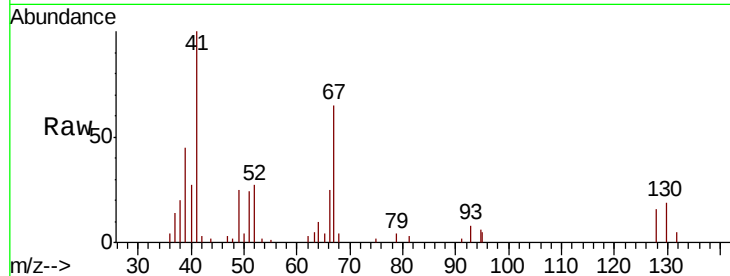
#41
Methacrylonitrile
Concen: 11.092 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	13469
Ion	Ratio	Lower	Upper
41	100		
39	44.0	44.8	67.2#
67	59.5	59.3	88.9
52	25.3	23.4	35.0

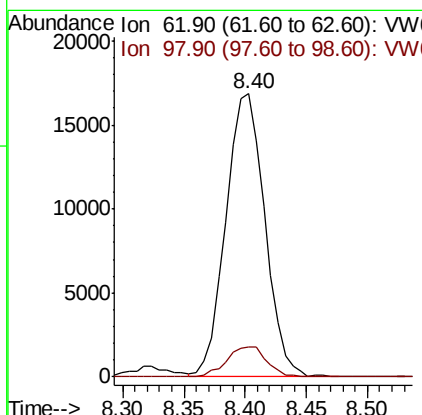
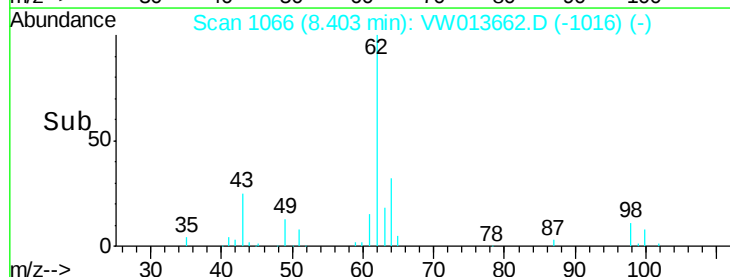
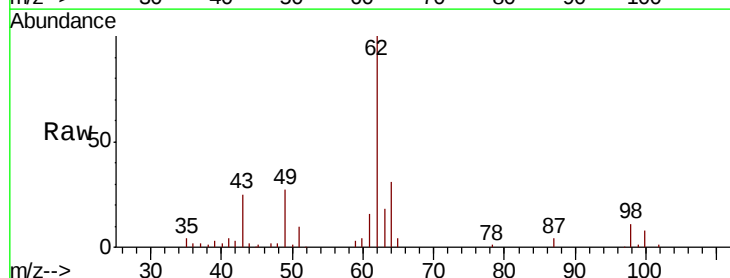
Manual Integrations
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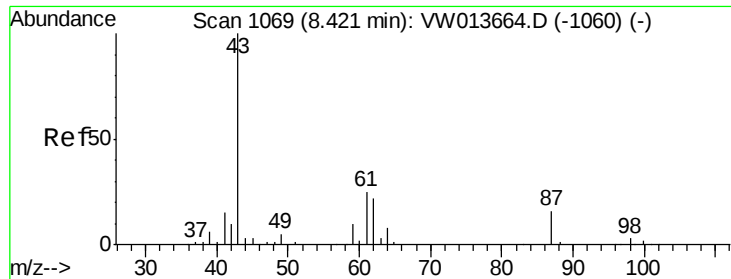
MMDadoda
10/24/2019 1:26:37 PM



#42
1,2-Dichloroethane
Concen: 10.975 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion:	62	Resp:	37275
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.4





#43

Isopropyl Acetate

Concen: 9.648 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

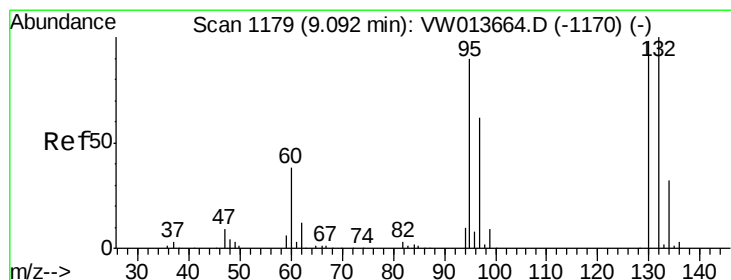
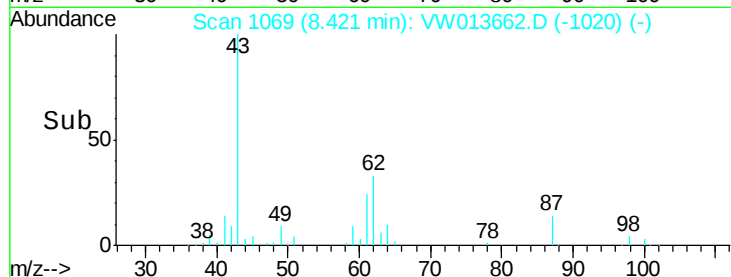
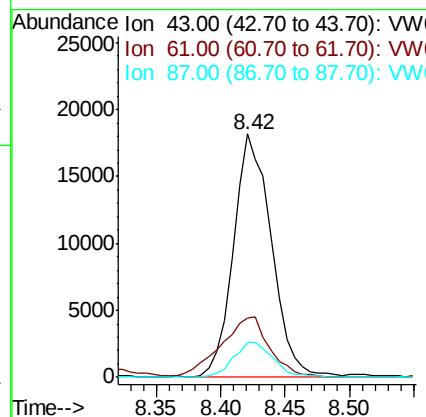
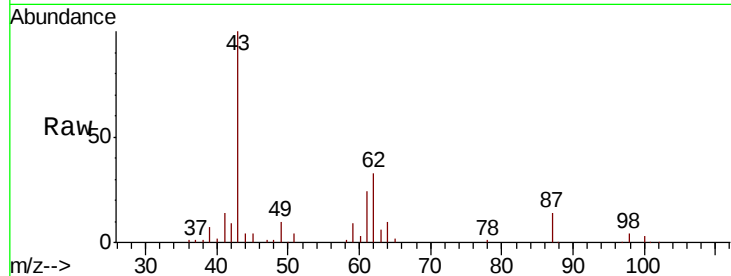
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	37347
Ion	Ratio	Lower	Upper
43	100		
61	31.6	26.1	39.1
87	14.9	11.4	17.0

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#44

Trichloroethene

Concen: 10.999 ug/l

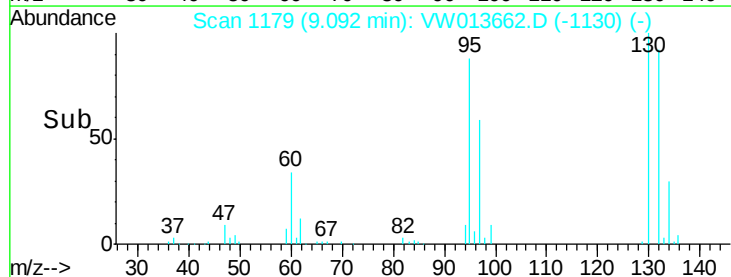
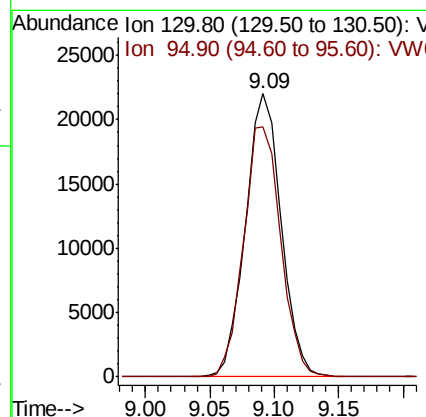
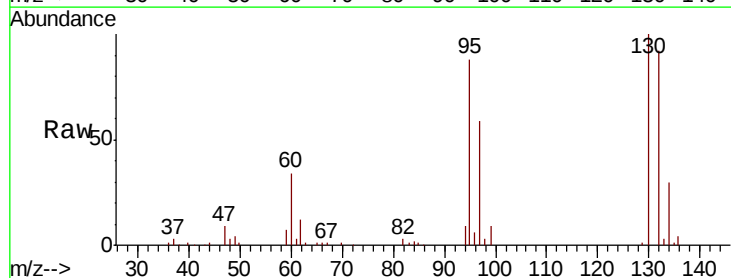
RT: 9.09 min Scan# 1179

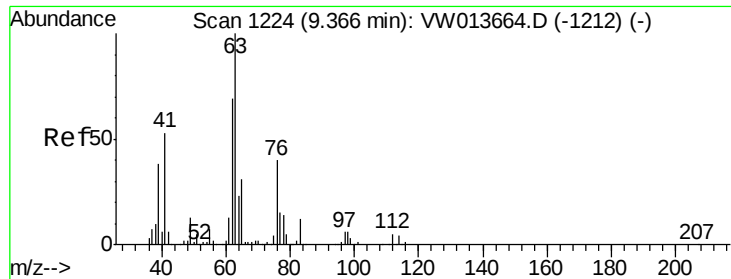
Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	130	Resp:	42151
Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	184.6





#45

1,2-Dichloropropane

Concen: 10.902 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 35181

Ion Ratio Lower Upper

63 100

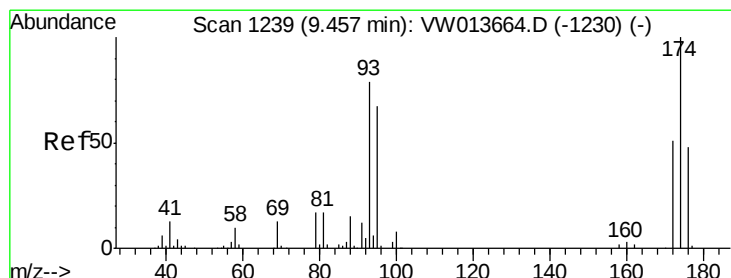
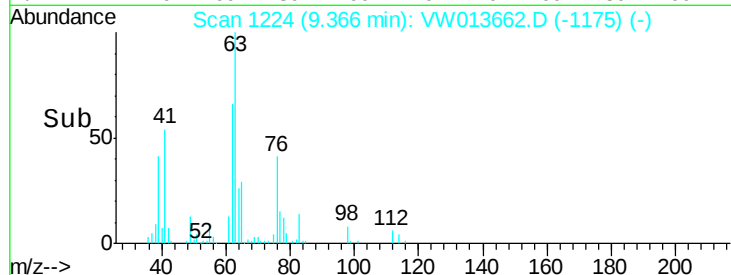
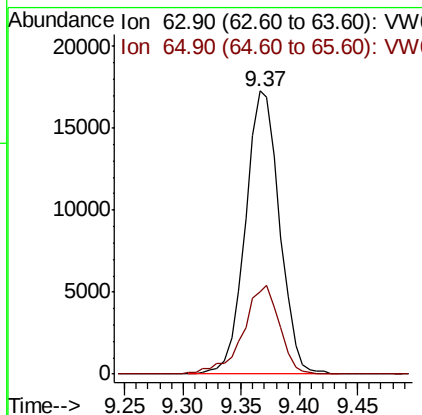
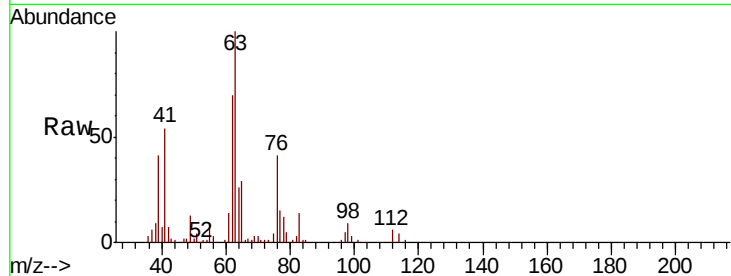
65 29.1 25.2 37.8

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#46

Dibromomethane

Concen: 10.955 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

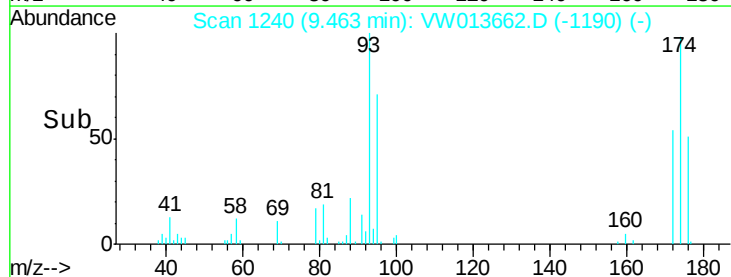
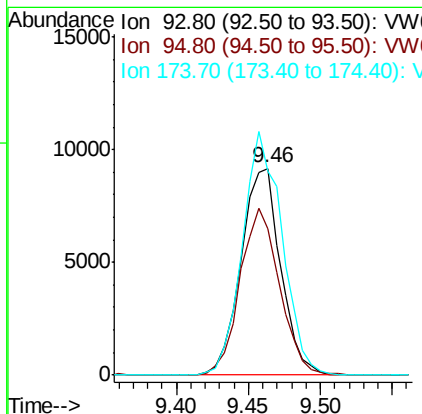
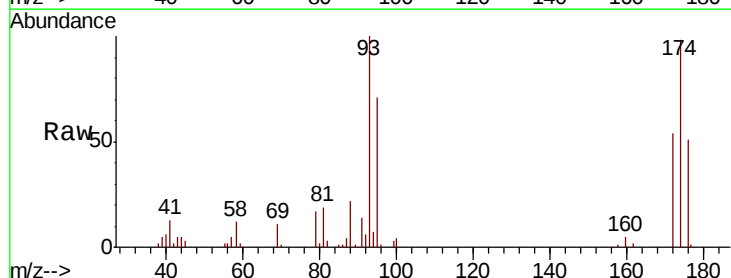
Tgt Ion: 93 Resp: 17555

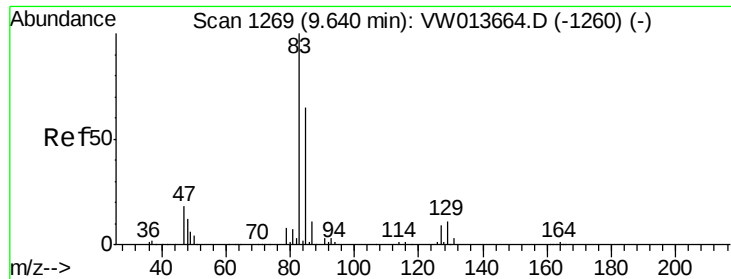
Ion Ratio Lower Upper

93 100

95 80.0 66.5 99.7

174 116.9 99.6 149.4





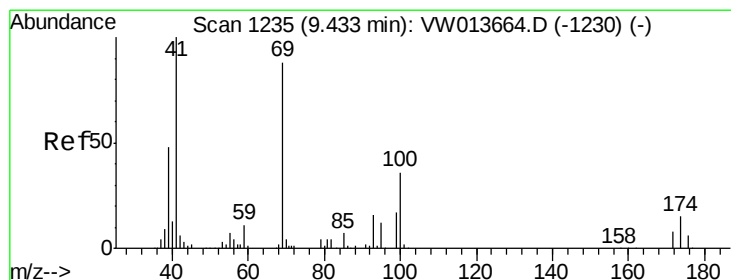
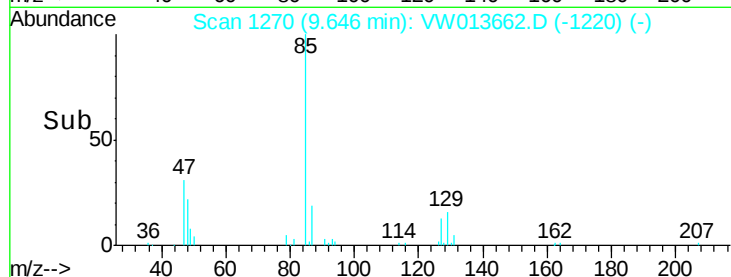
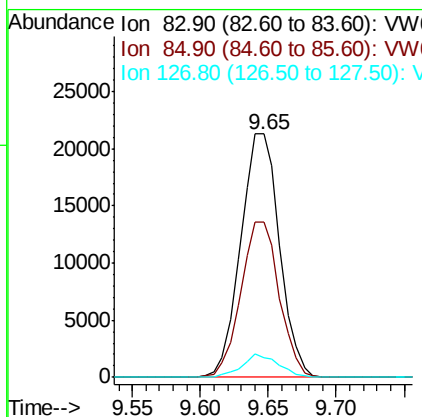
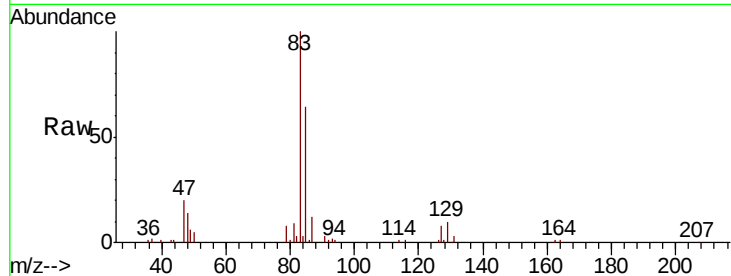
#47
Bromodichloromethane
Concen: 10.621 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	42520
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	8.1	7.3	10.9

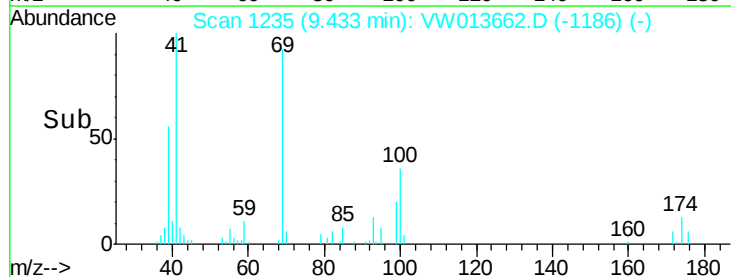
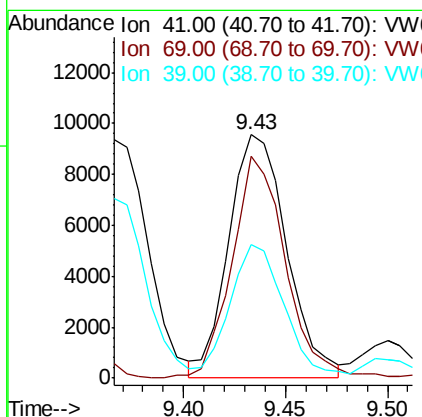
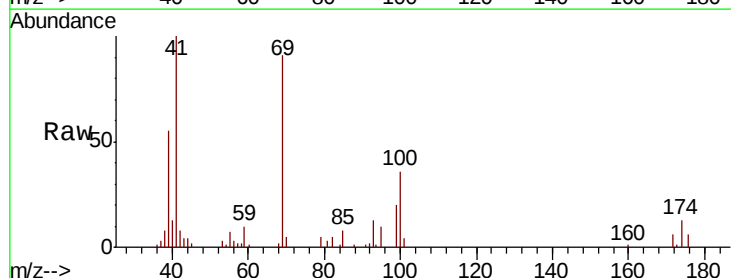
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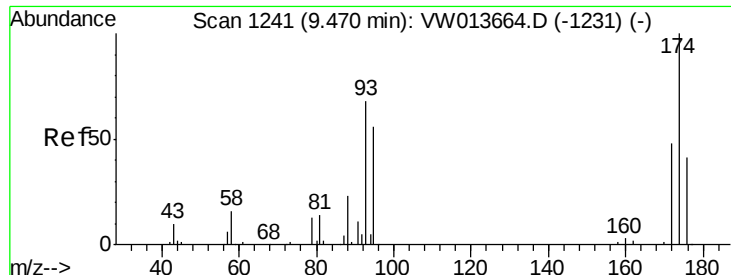
MMDadoda
10/24/2019 1:26:37 PM



#48
Methyl methacrylate
Concen: 9.883 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	41	Resp	18956
Ion Ratio	100	Lower	Upper
41	100		
69	84.5	67.6	101.4
39	47.2	38.6	58.0





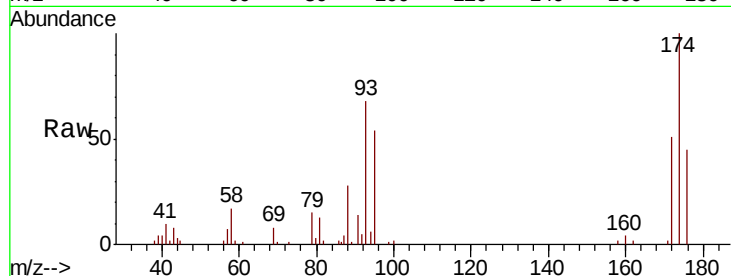
#49
1,4-Dioxane
Concen: 200.538 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.1	58.9	88.3

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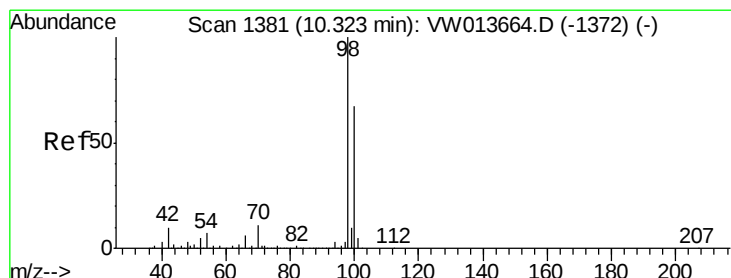
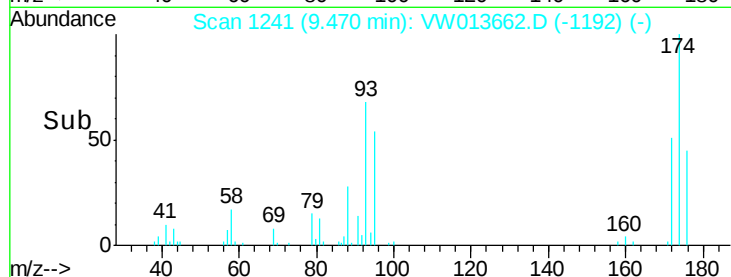
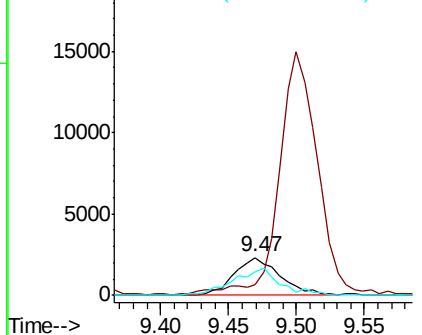


Abundance

Ion 88.00 (87.70 to 88.70): VW

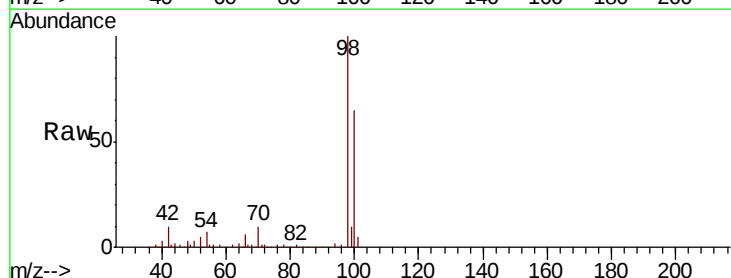
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 9.445 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

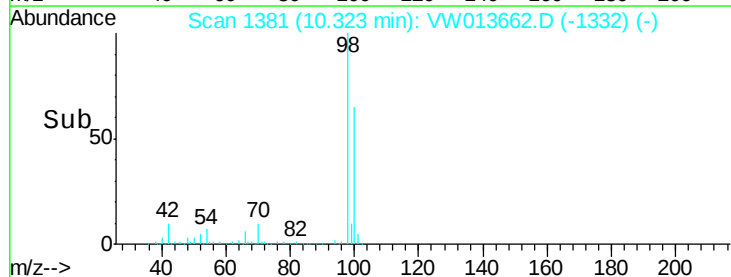
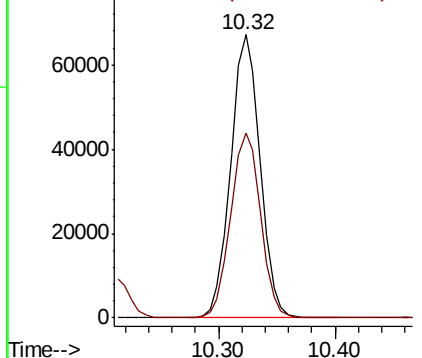
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0

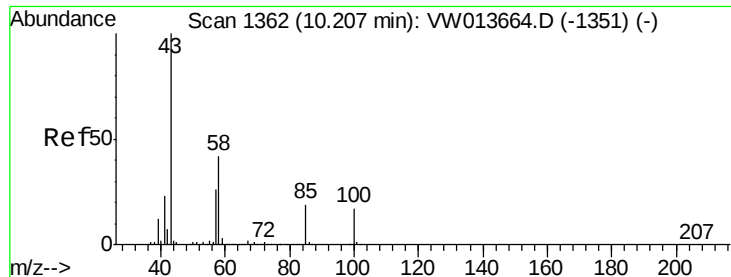


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 47.554 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 96095

Ion Ratio Lower Upper

43 100

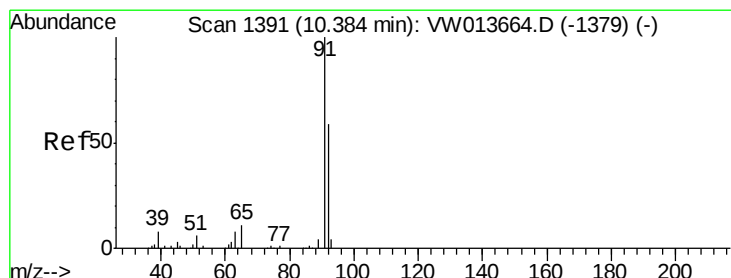
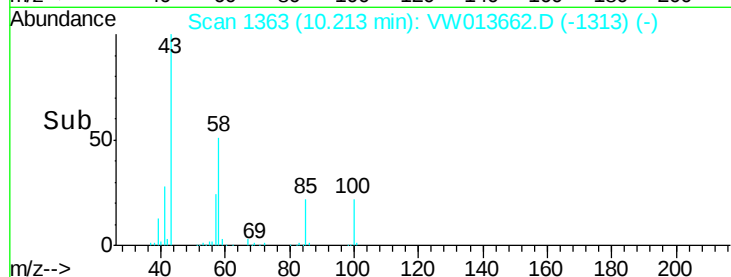
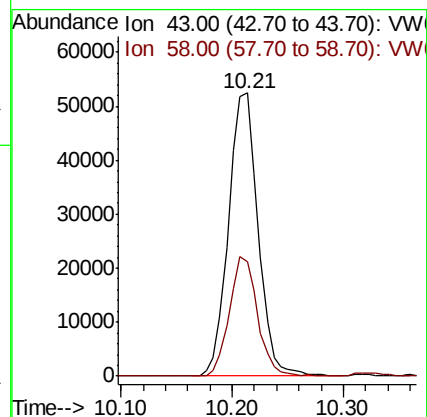
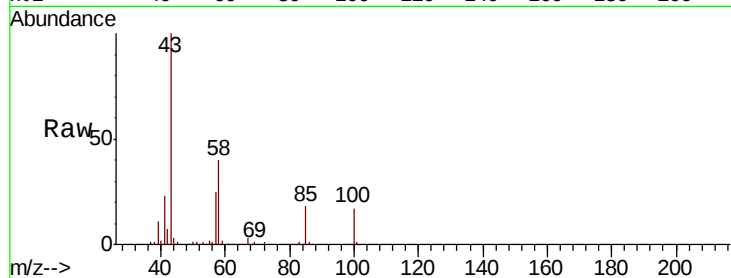
58 40.4 32.6 49.0

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#52

Toluene

Concen: 10.882 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013662.D

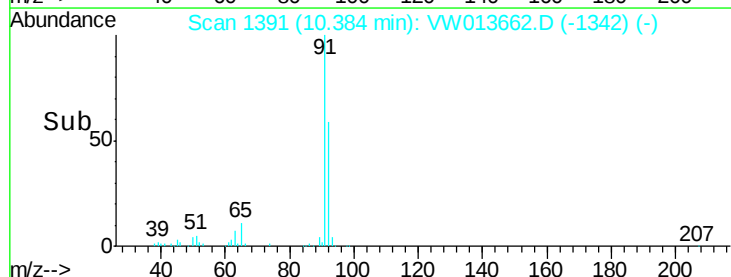
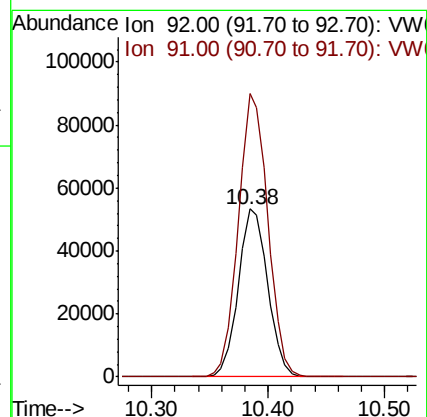
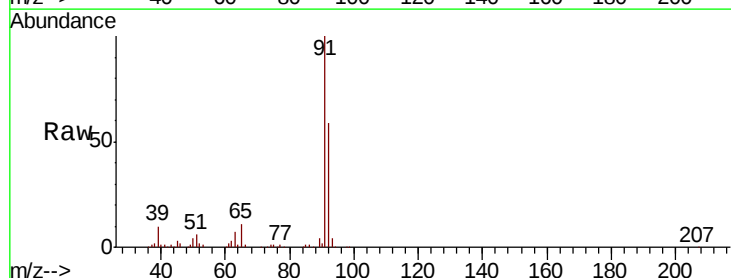
Acq: 23 Oct 2019 11:49

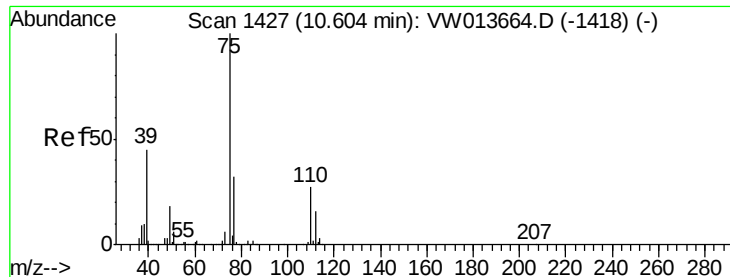
Tgt Ion: 92 Resp: 94181

Ion Ratio Lower Upper

92 100

91 168.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 10.179 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 42226

Ion Ratio Lower Upper

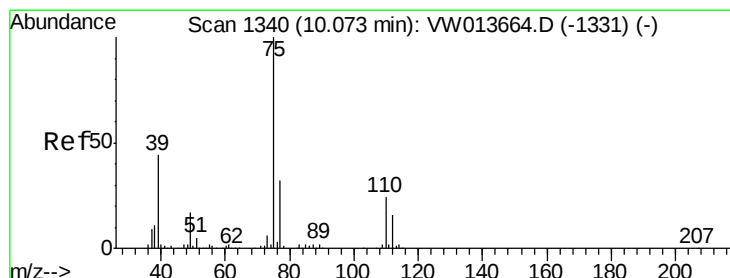
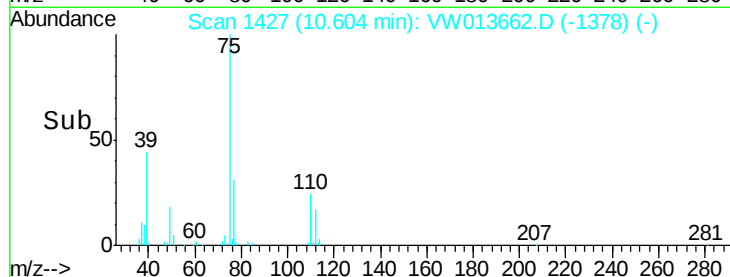
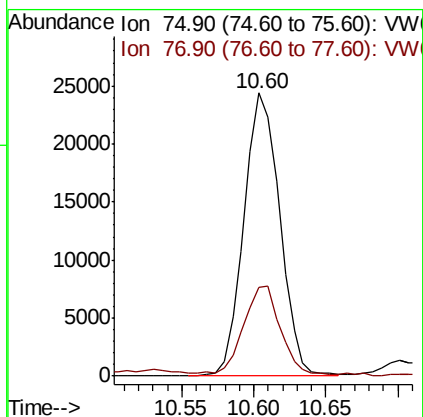
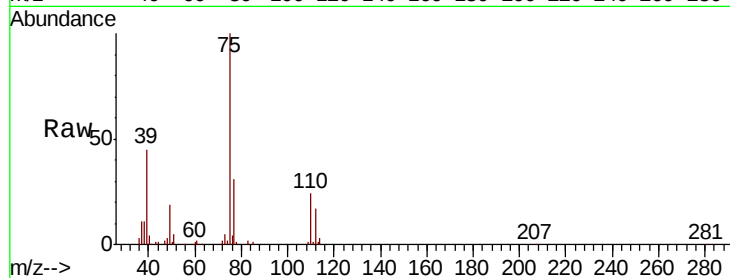
75 100

77 30.6 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 10.615 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

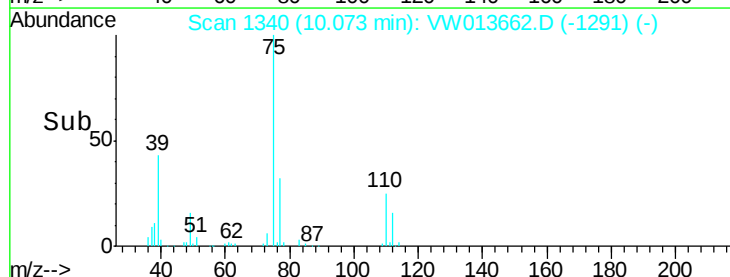
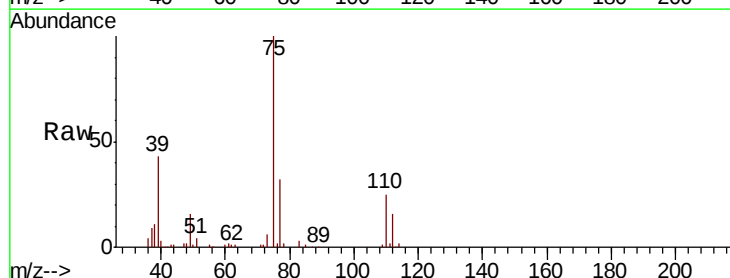
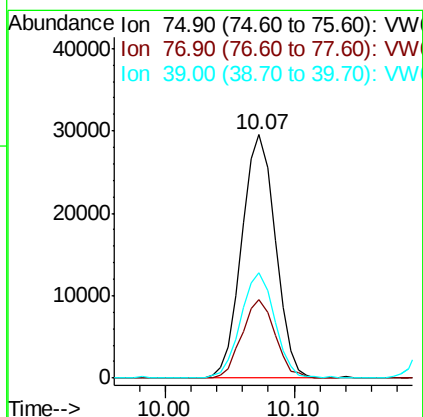
Tgt Ion: 75 Resp: 53511

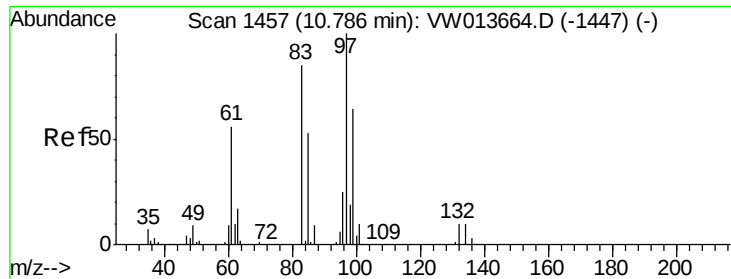
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

39 43.5 35.3 52.9





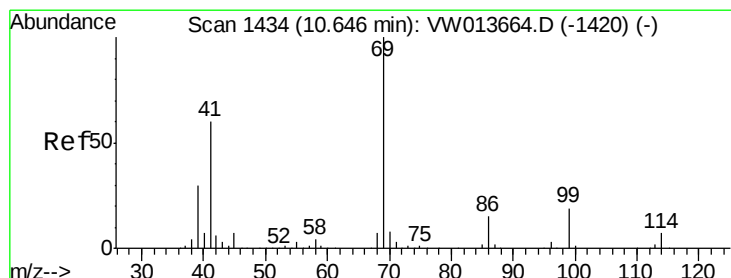
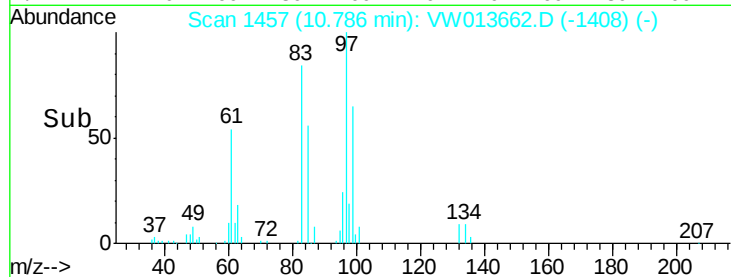
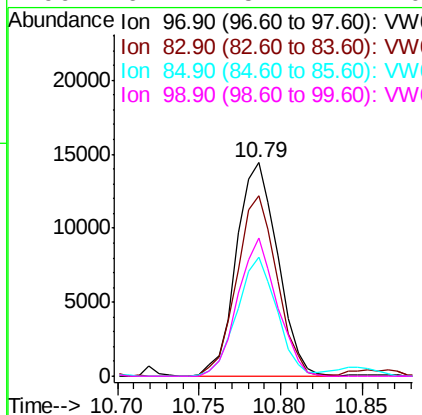
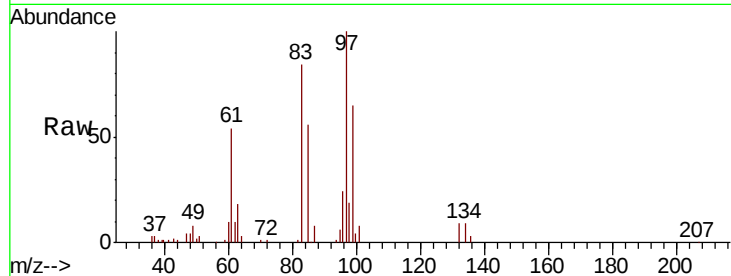
#55
 1,1,2-Trichloroethane
 Concen: 10.602 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.8
85	55.9	42.1	63.1
99	64.7	51.4	77.0

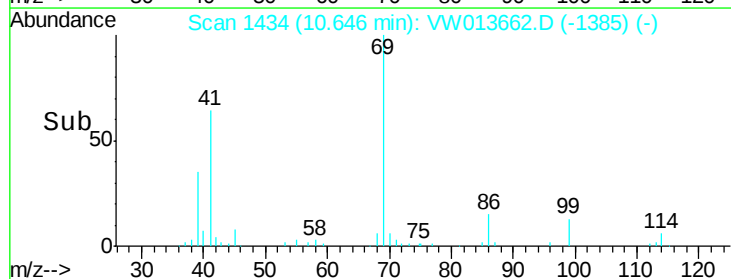
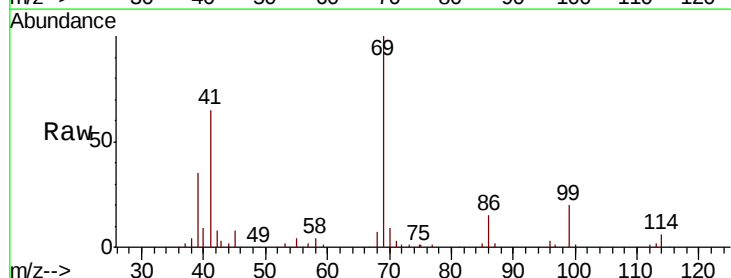
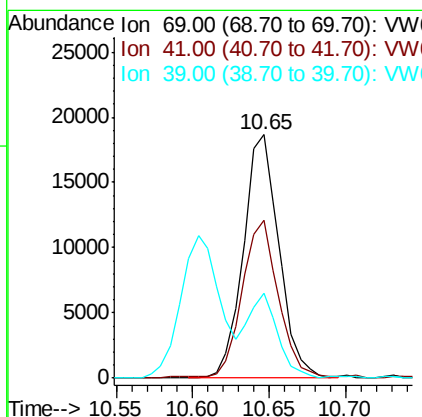
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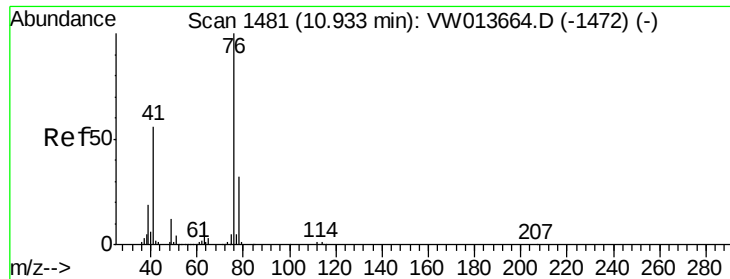
MMDadoda
 10/24/2019 1:26:37 PM



#56
 Ethyl methacrylate
 Concen: 9.479 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	51.6	77.4
39	29.2	22.4	33.6





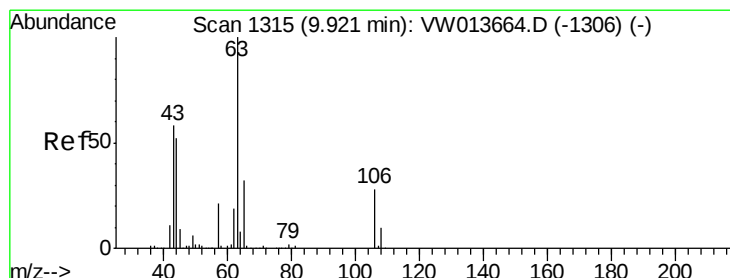
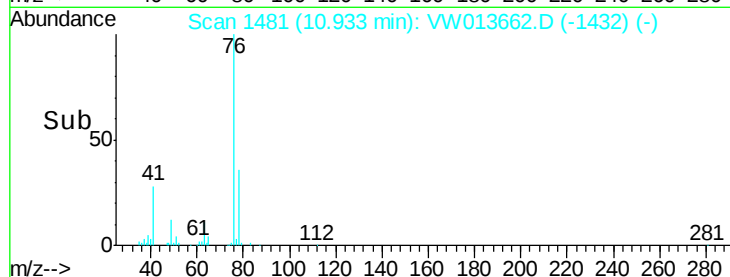
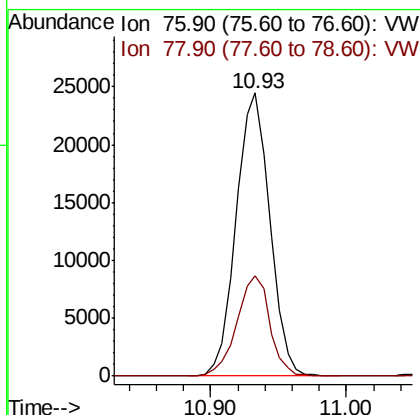
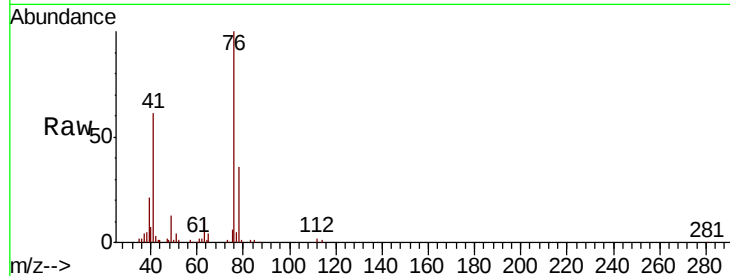
#57
 1,3-Dichloropropane
 Concen: 10.235 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.6	26.0	39.0

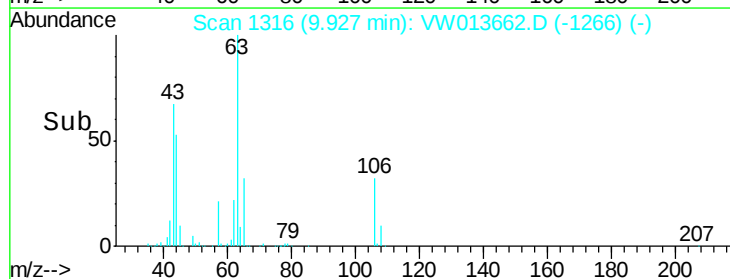
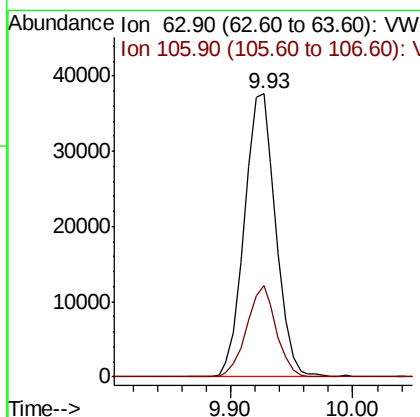
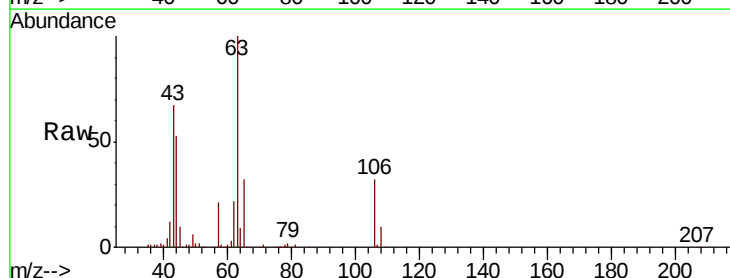
Manual Integrations
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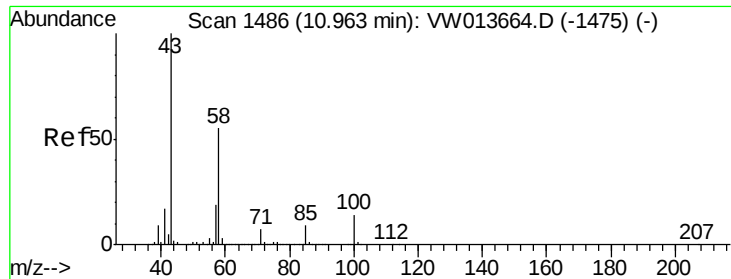
MMDadoda
 10/24/2019 1:26:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 44.718 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.8	35.8





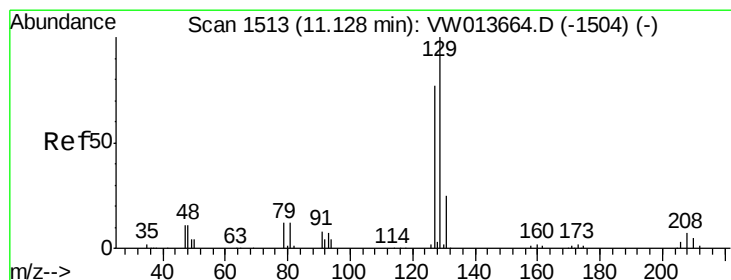
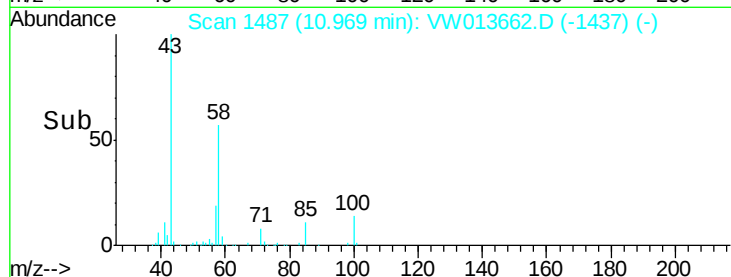
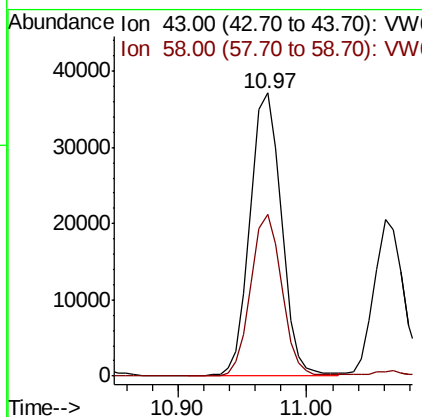
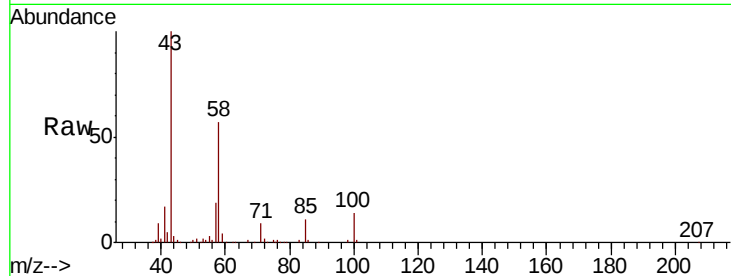
#59
2-Hexanone
Concen: 45.487 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 62880
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.7

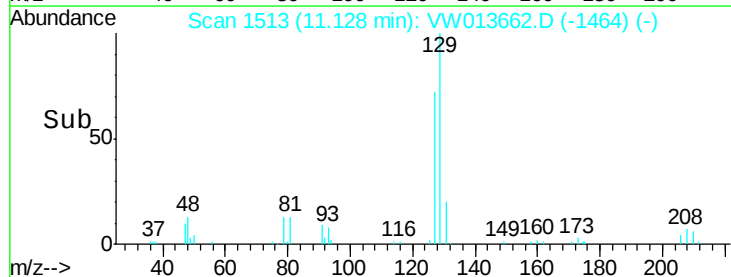
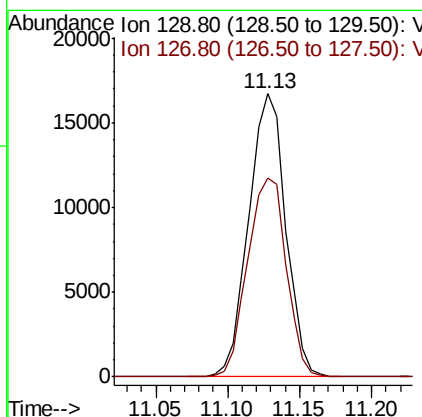
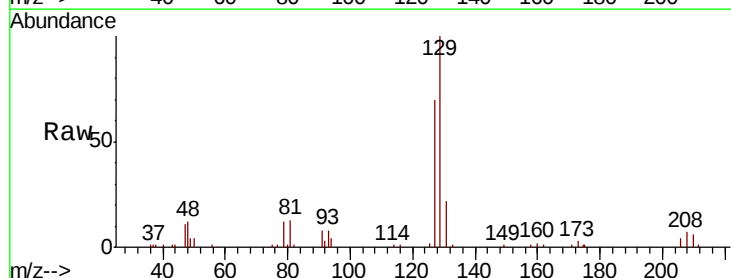
Manual Integrations
APPROVED

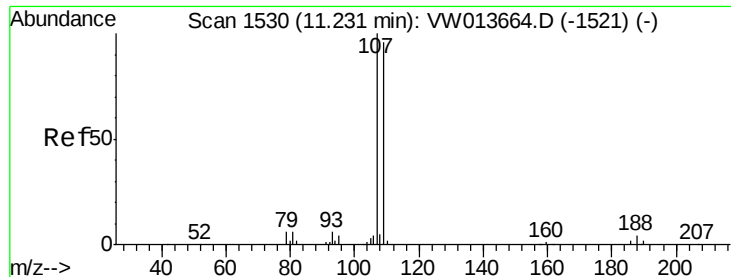
MMDadoda
10/24/2019 1:26:37 PM



#60
Dibromochloromethane
Concen: 10.748 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion: 129 Resp: 29666
Ion Ratio Lower Upper
129 100
127 73.4 38.9 116.7





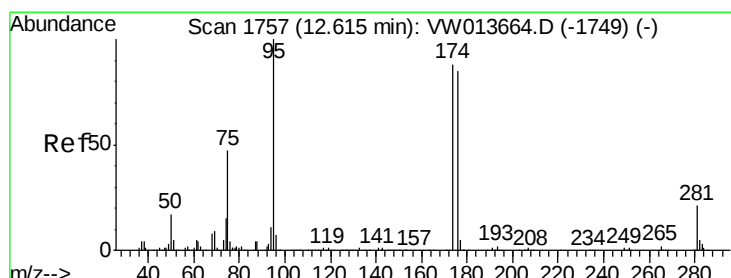
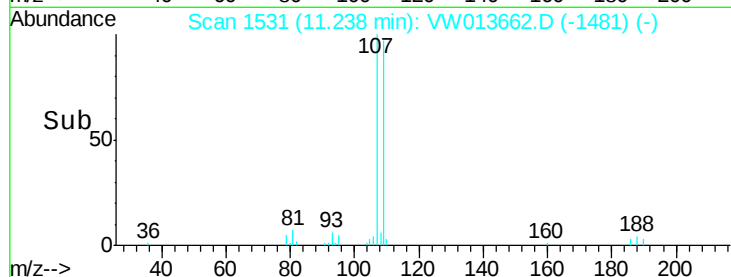
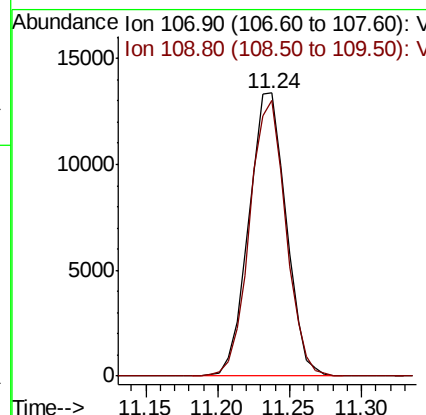
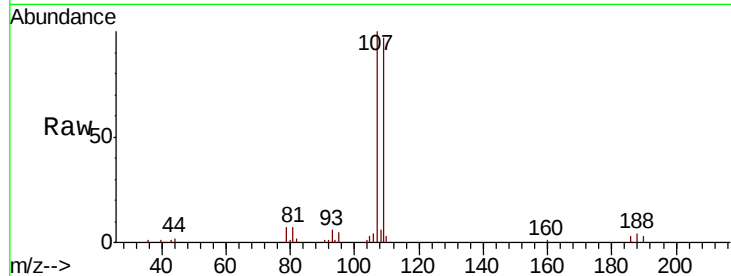
#61
 1,2-Dibromoethane
 Concen: 10.456 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 23867
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.7 113.5

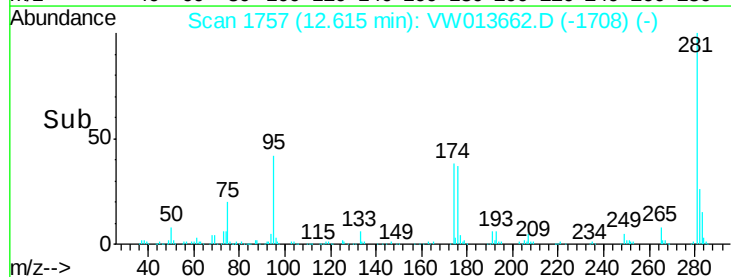
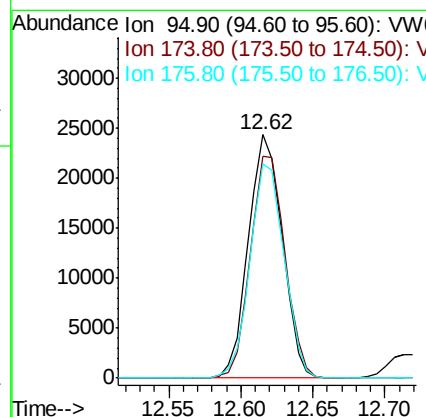
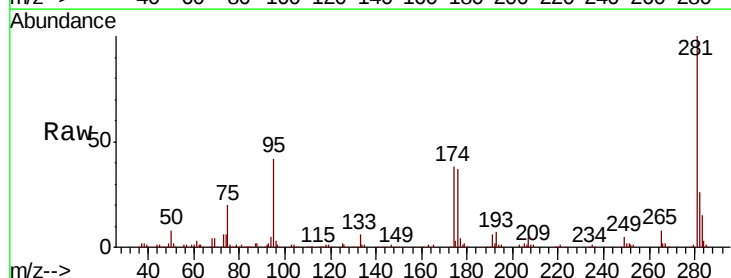
Manual Integrations
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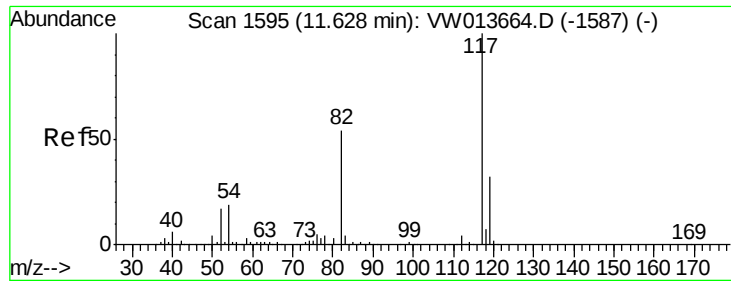
MMDadoda
 10/24/2019 1:26:37 PM



#62
 4-Bromofluorobenzene
 Concen: 9.448 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion: 95 Resp: 39658
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 183.6
 176 88.9 0.0 178.0





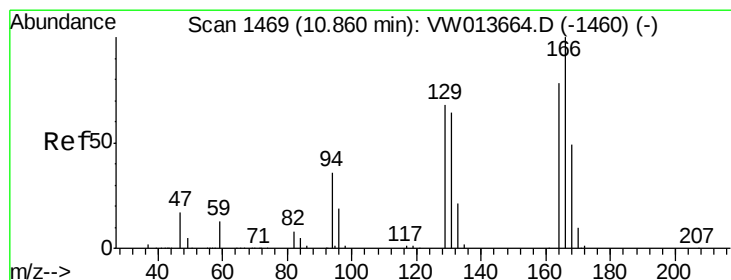
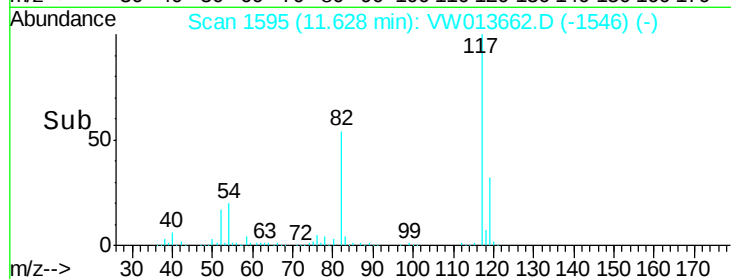
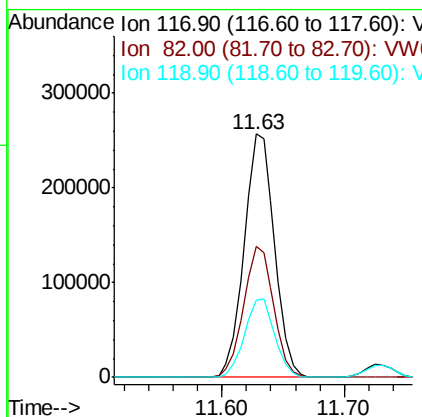
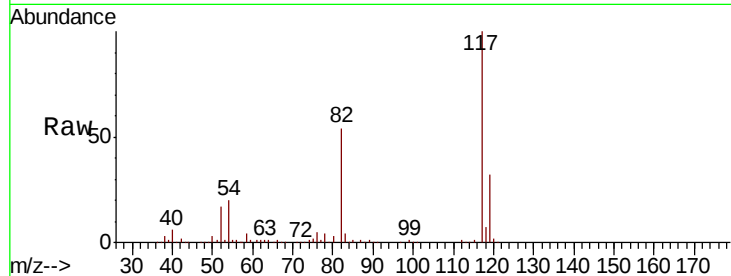
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.6	65.4
119	31.5	25.4	38.2

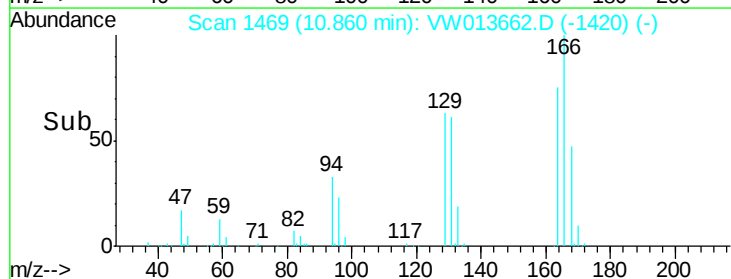
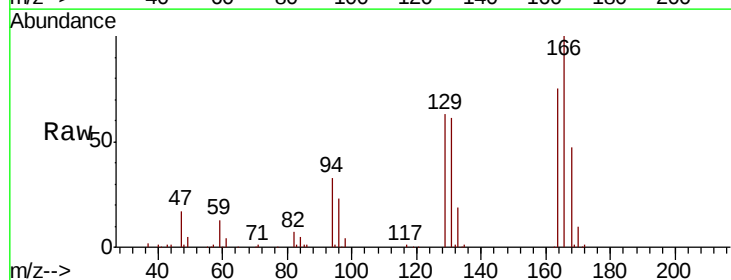
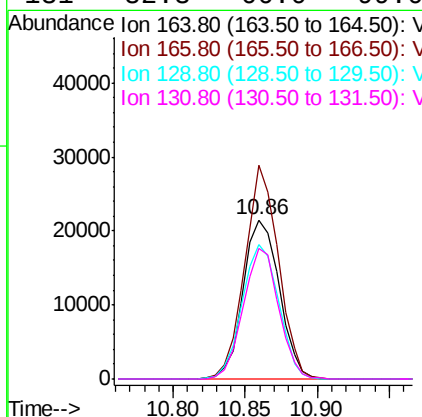
Manual Integrations
APPROVED

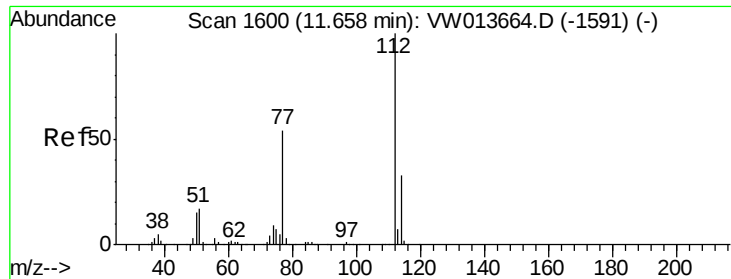
MMDadoda
10/24/2019 1:26:37 PM



#64
Tetrachloroethene
Concen: 11.393 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.0	103.2	154.8
129	84.4	70.6	105.8
131	82.3	66.0	99.0





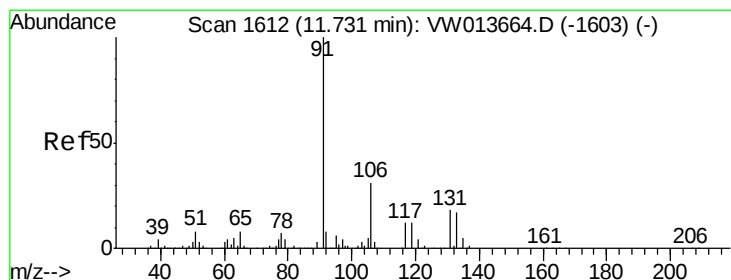
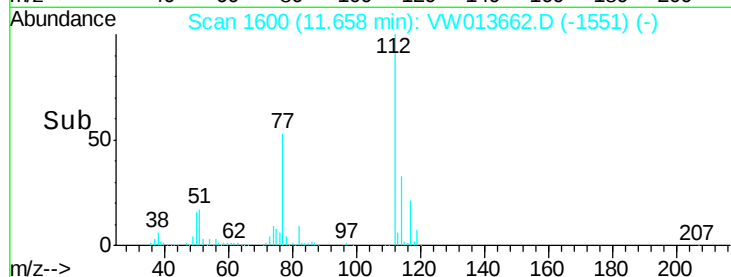
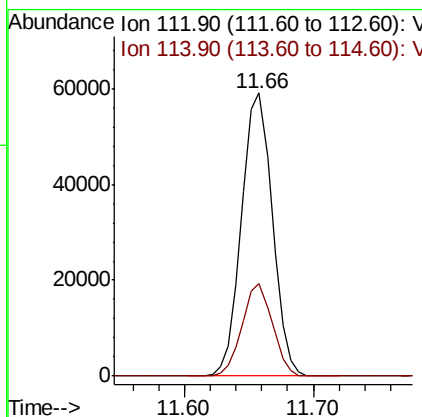
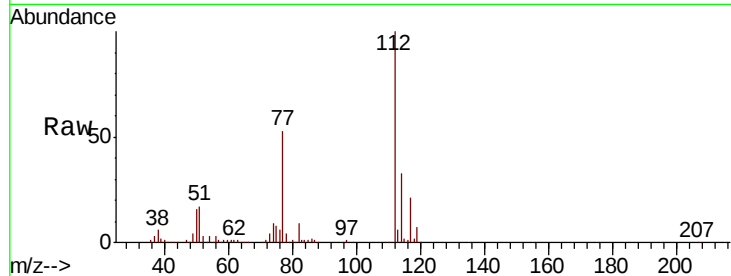
#65
Chlorobenzene
Concen: 11.052 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 97816
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

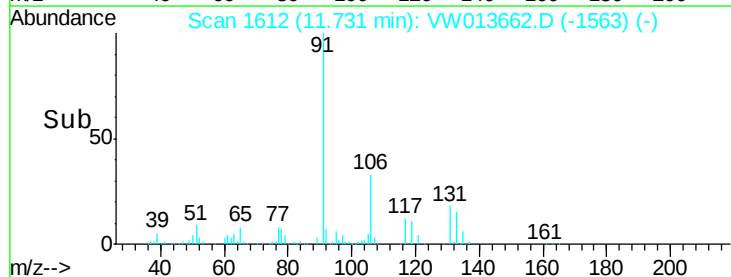
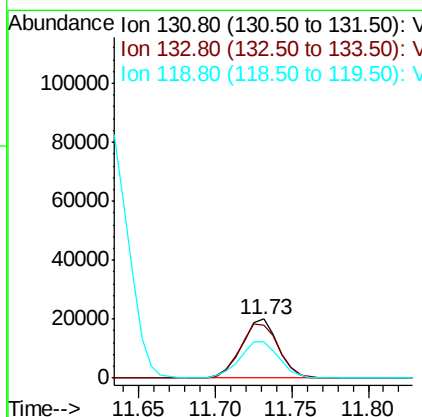
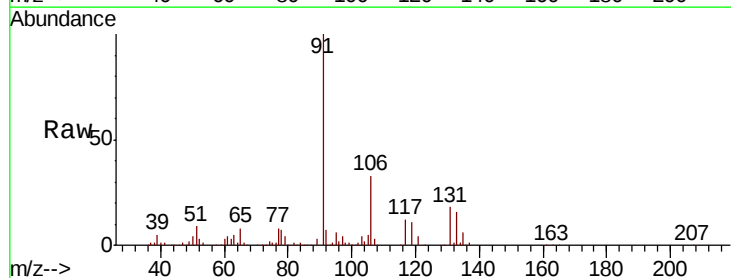
Manual Integrations
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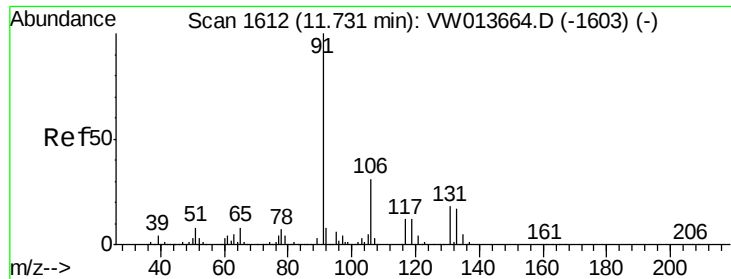
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.762 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion:131 Resp: 33167
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.3
119 67.0 33.1 99.2





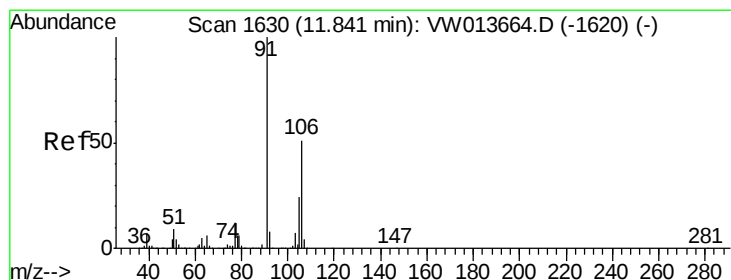
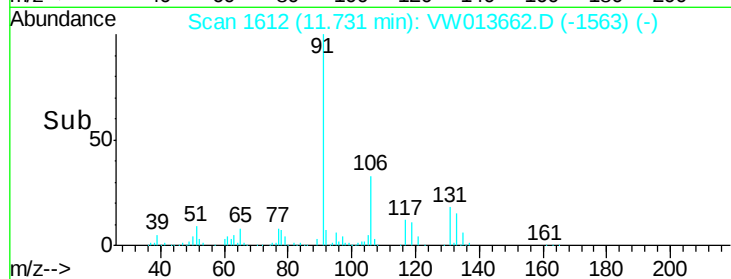
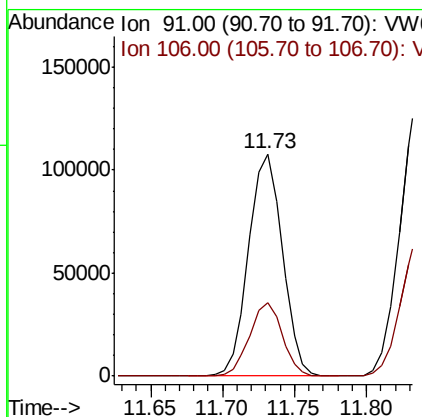
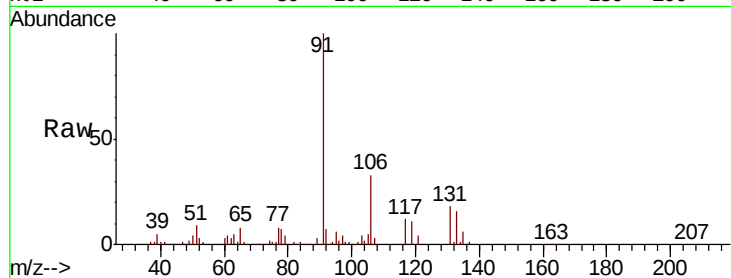
#67
Ethyl Benzene
Concen: 10.835 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 175446
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.6

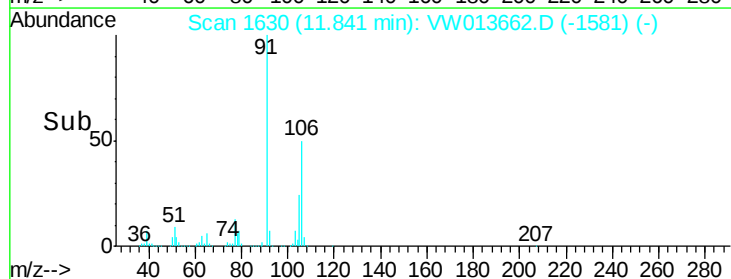
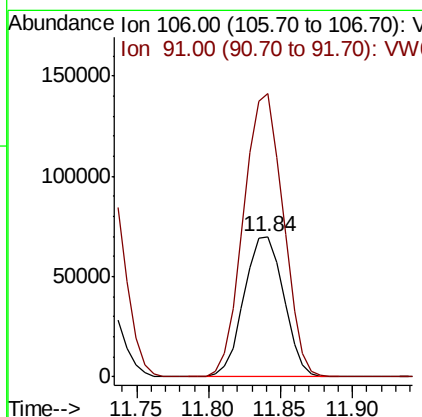
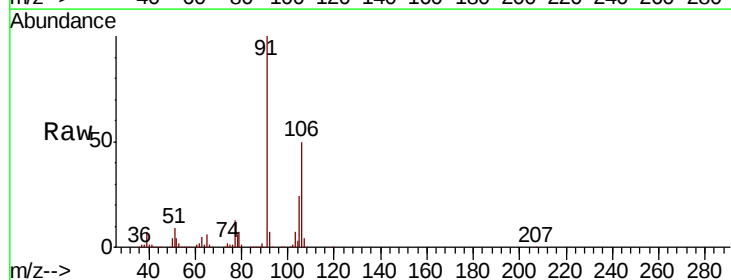
Manual Integrations
APPROVED

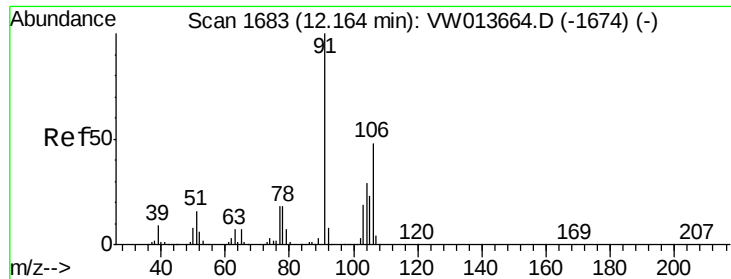
MMDadoda
10/24/2019 1:26:37 PM



#68
m/p-Xylenes
Concen: 21.803 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion: 106 Resp: 134304
Ion Ratio Lower Upper
106 100
91 201.3 159.2 238.8





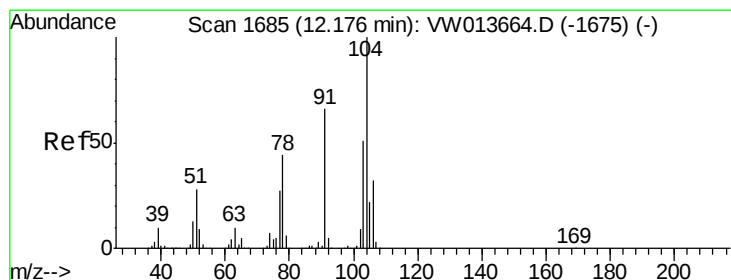
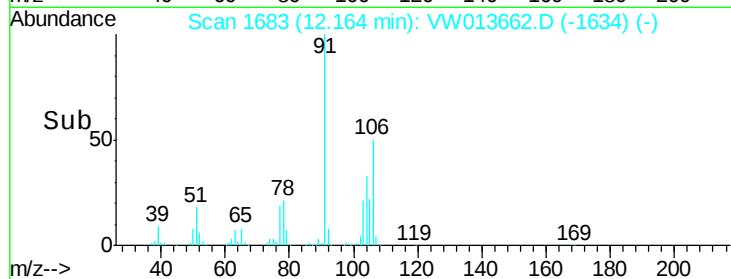
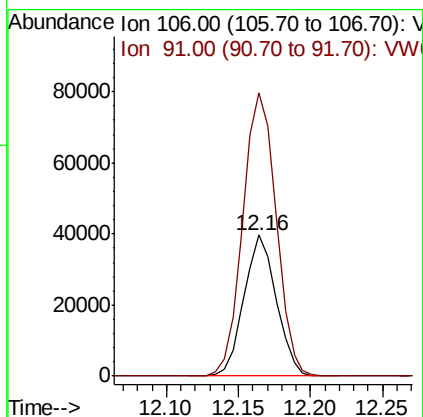
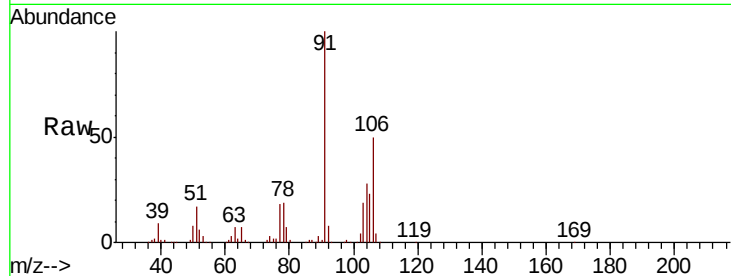
#69
o-Xylene
Concen: 10.829 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 61744
Ion Ratio Lower Upper
106 100
91 207.0 104.9 314.7

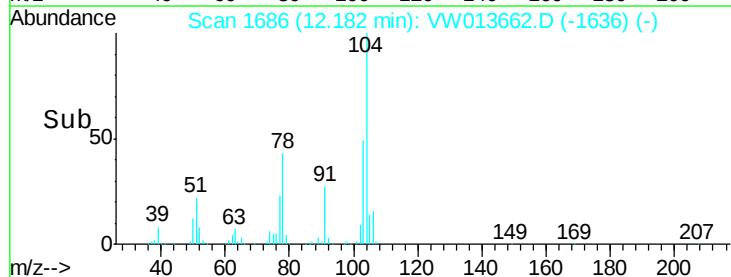
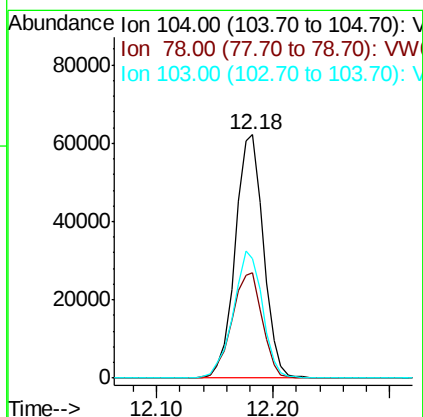
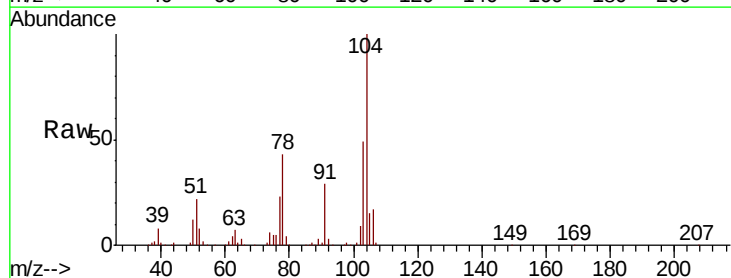
Manual Integrations
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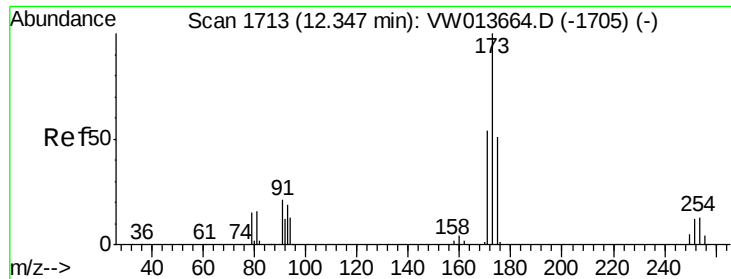
MMDadoda
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#70
Styrene
Concen: 10.735 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion:104 Resp: 105030
Ion Ratio Lower Upper
104 100
78 46.8 37.1 55.7
103 54.2 43.6 65.4





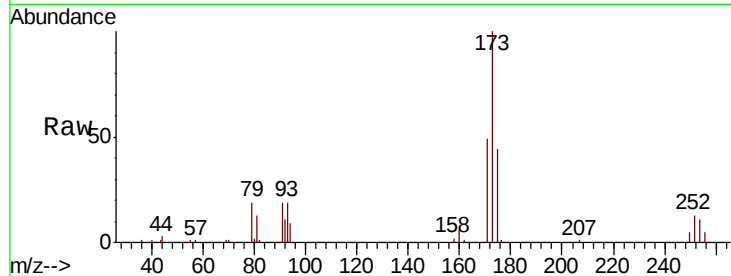
#71
Bromoform
Concen: 10.505 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

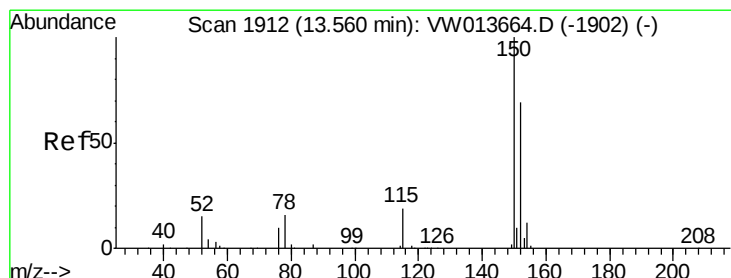
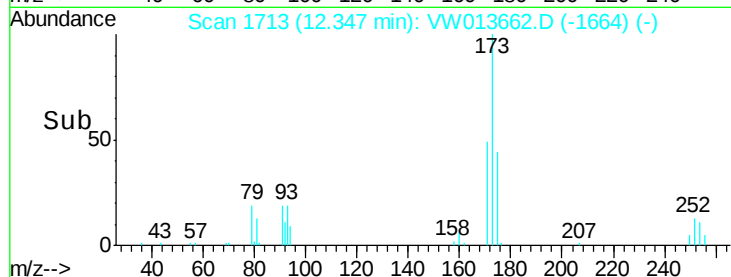
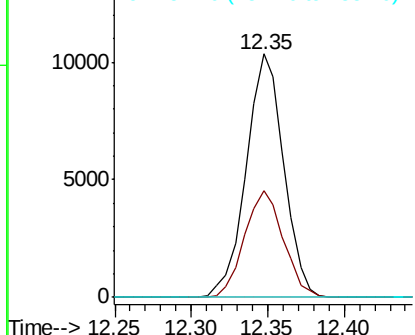
Tot Ion	Ratio	Lower	Upper
173	100		
175	45.6	25.2	75.6
254	0.0	0.1	0.1

Manual Integrations
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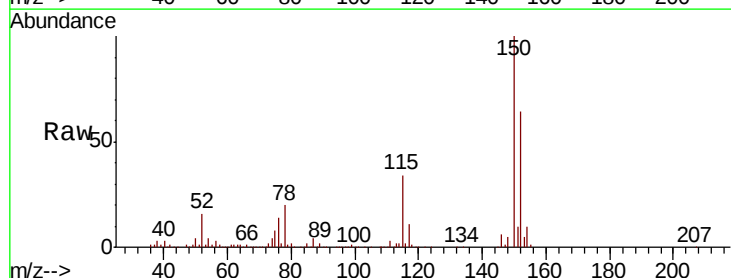


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

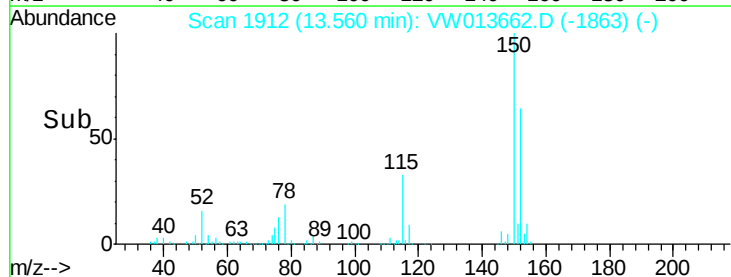
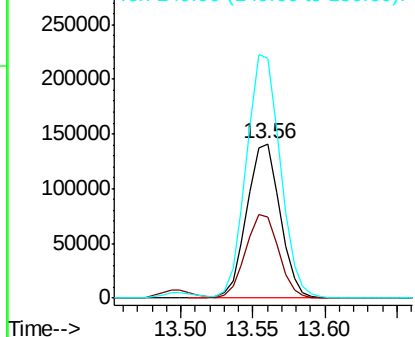


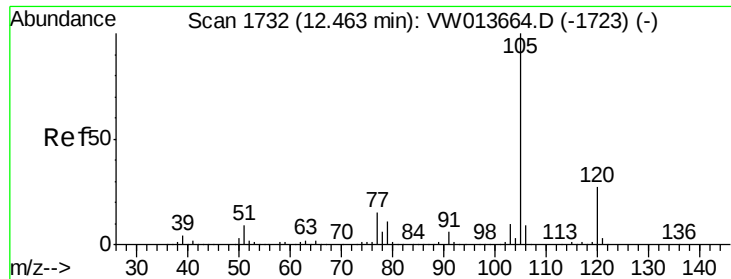
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.4	82.2
150	160.9	0.0	345.4



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: 10.583 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 170998

Ion Ratio Lower Upper

105 100

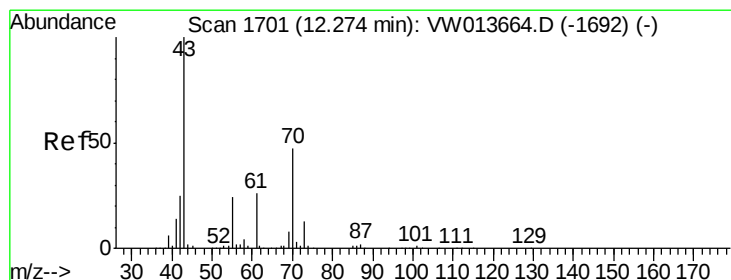
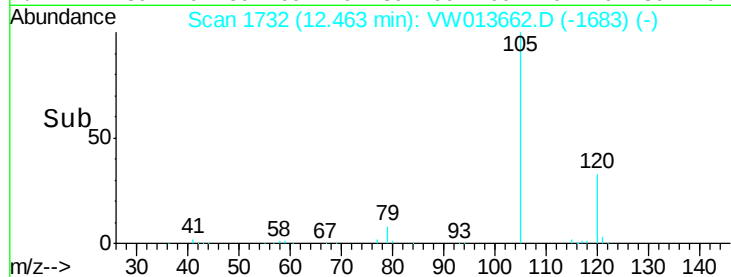
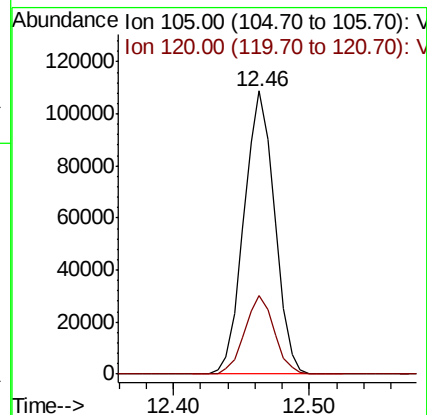
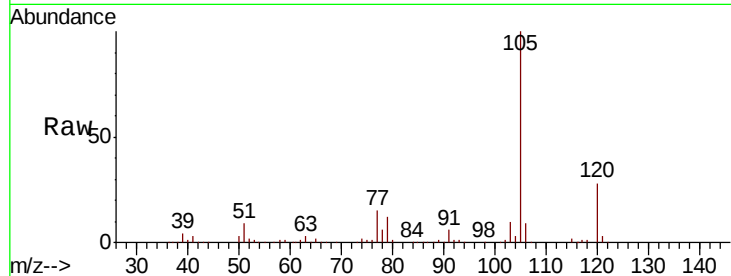
120 26.8 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 9.174 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion: 43 Resp: 31830

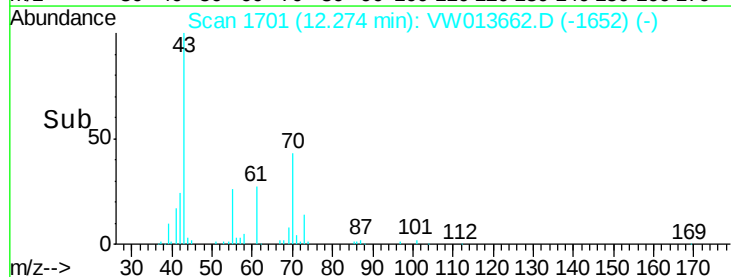
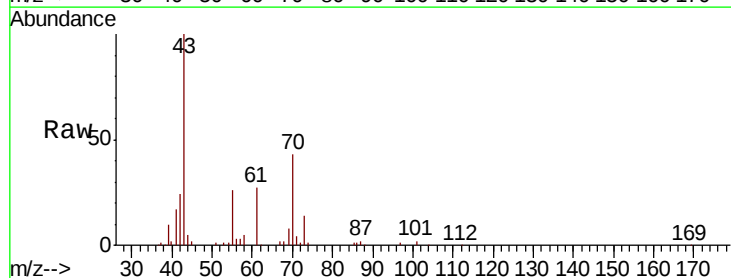
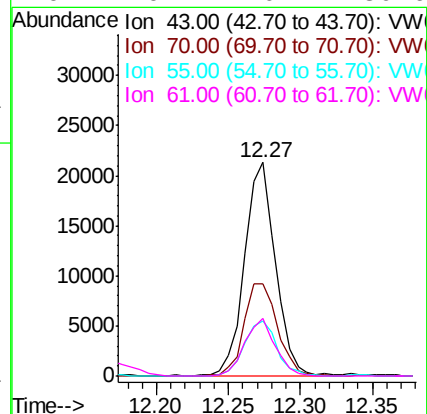
Ion Ratio Lower Upper

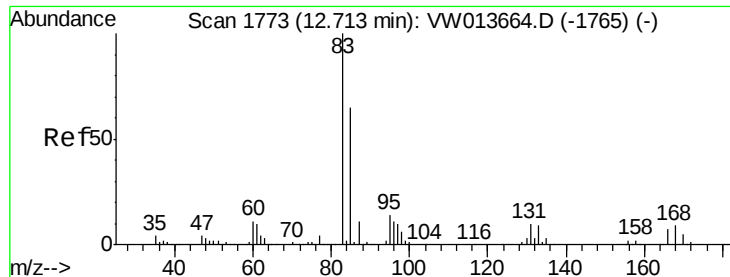
43 100

70 46.9 36.6 55.0

55 26.9 20.3 30.5

61 26.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 10.277 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

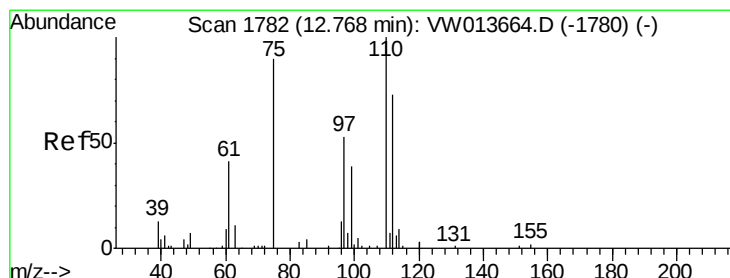
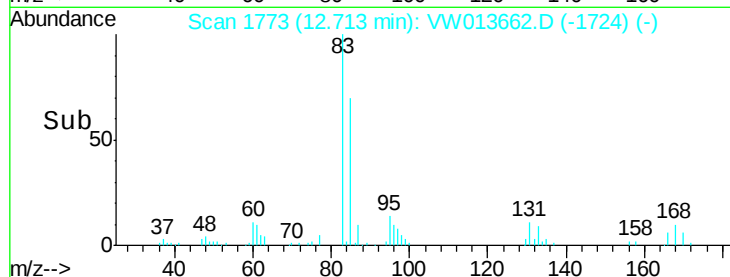
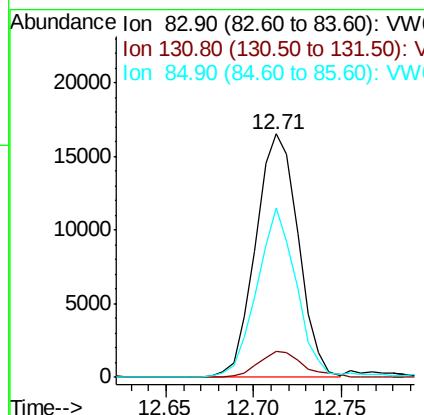
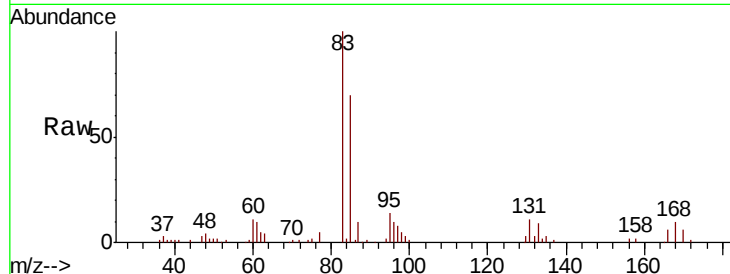
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	27967
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	65.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 9.487 ug/l m

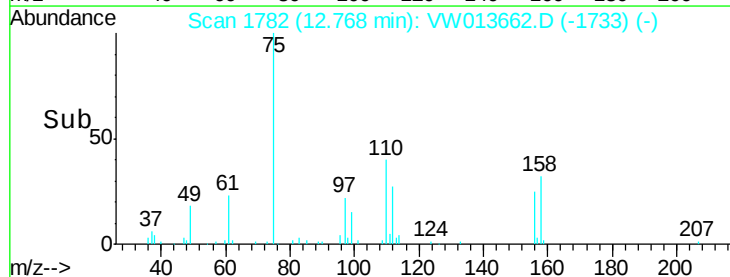
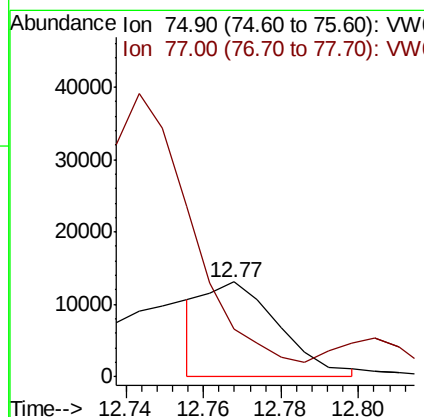
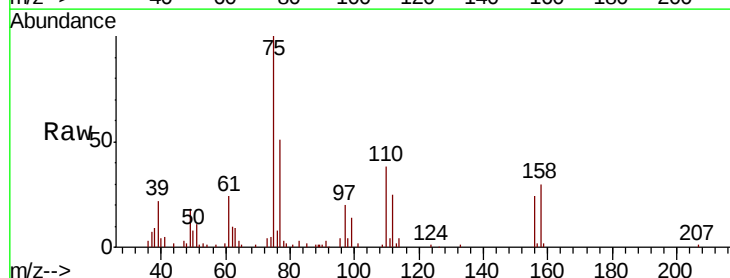
RT: 12.77 min Scan# 1782

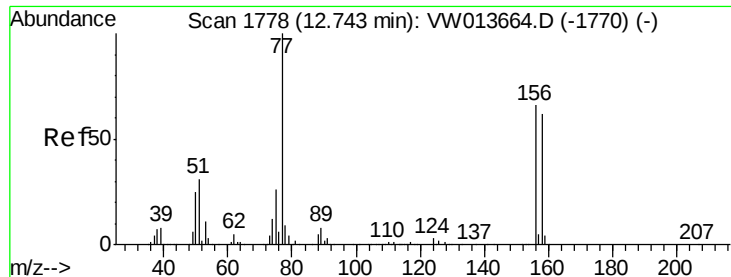
Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	75	Resp:	17547
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.678 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 41028

Ion Ratio Lower Upper

156 100

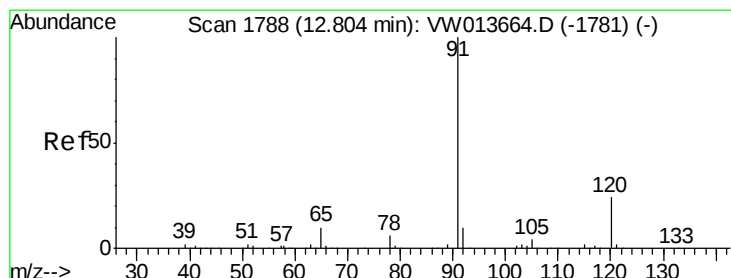
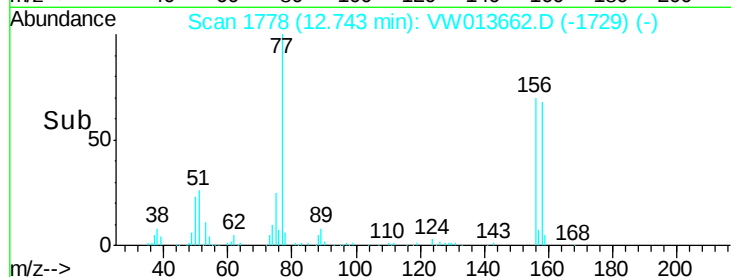
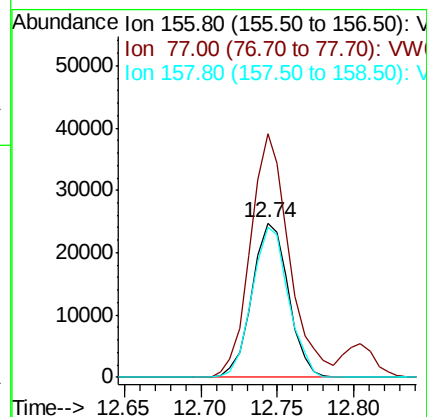
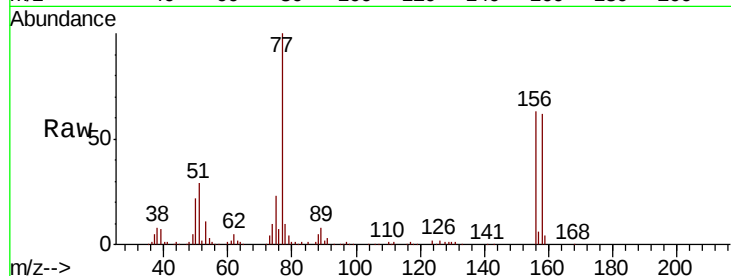
77 168.6 82.9 248.7

158 97.1 48.4 145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 10.791 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013662.D

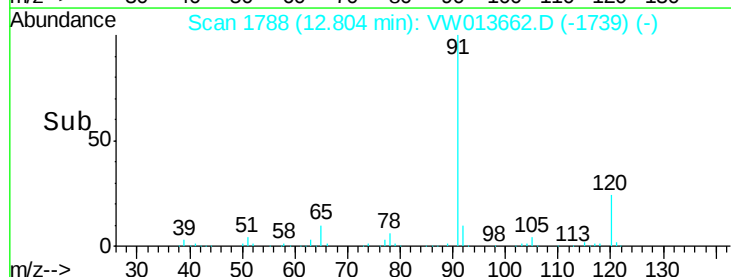
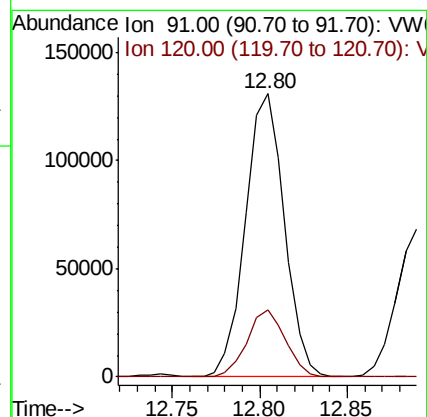
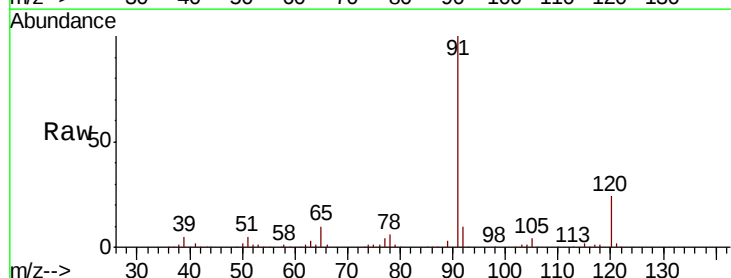
Acq: 23 Oct 2019 11:49

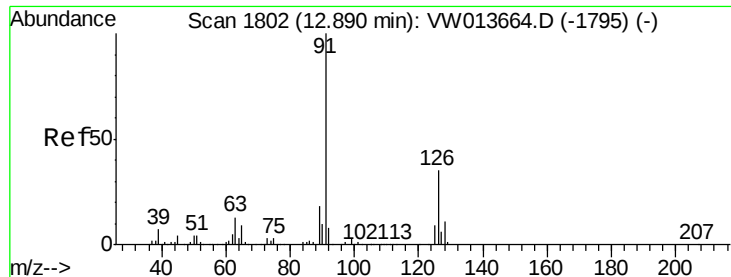
Tgt Ion: 91 Resp: 201712

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0





#79

2-Chlorotoluene

Concen: 10.655 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 111789

Ion Ratio Lower Upper

91 100

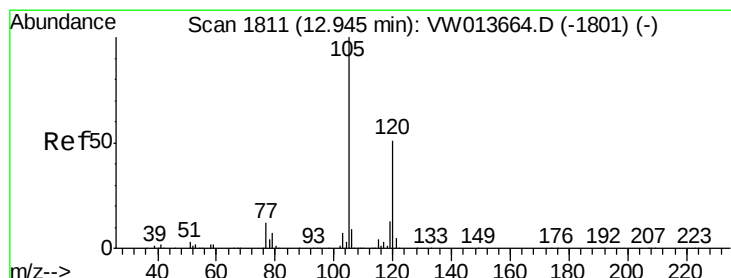
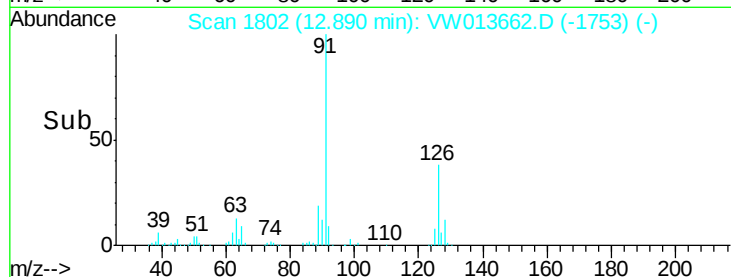
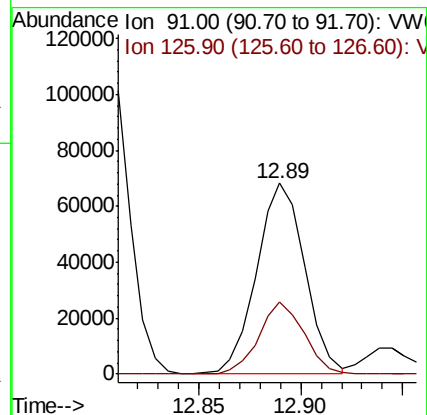
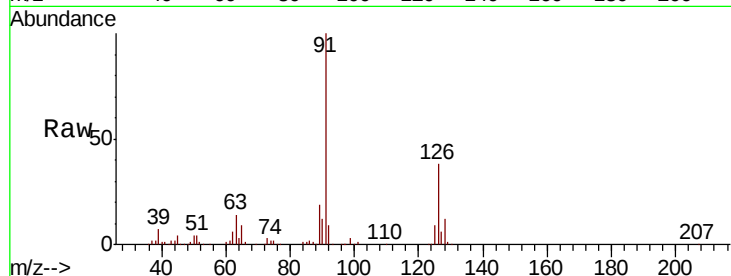
126 35.6 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 10.985 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013662.D

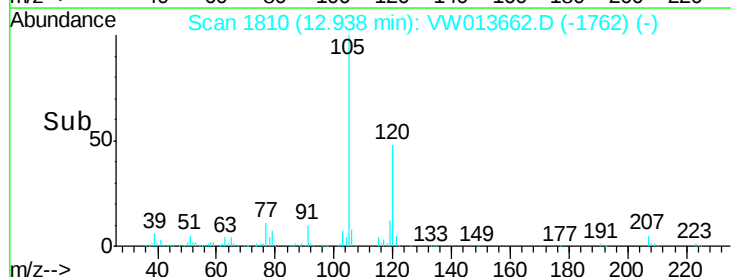
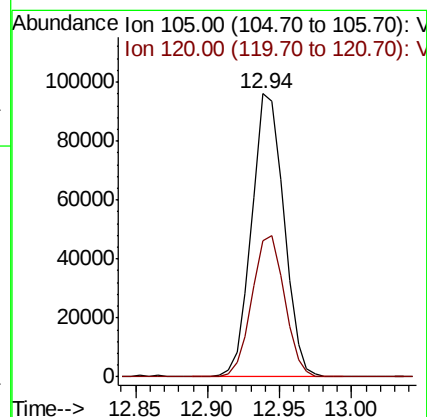
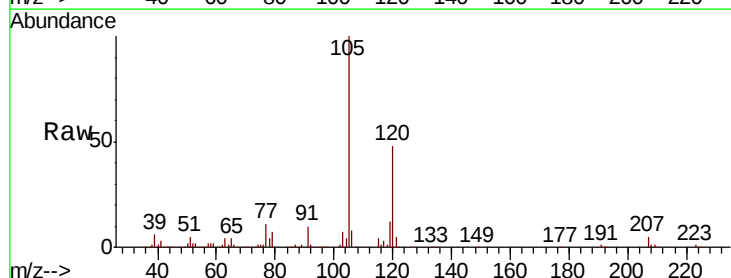
Acq: 23 Oct 2019 11:49

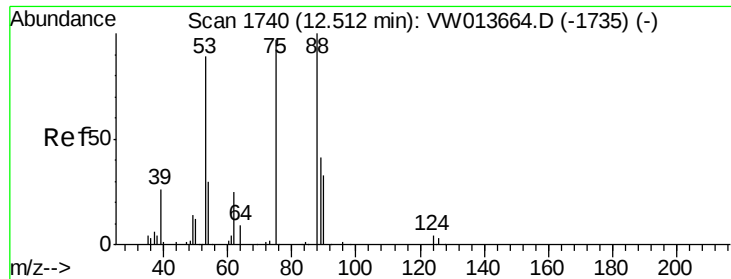
Tgt Ion: 105 Resp: 148198

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 9.712 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

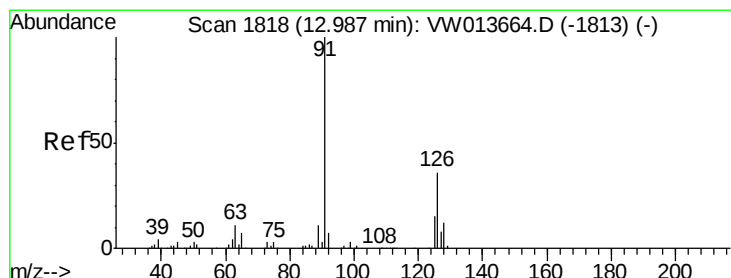
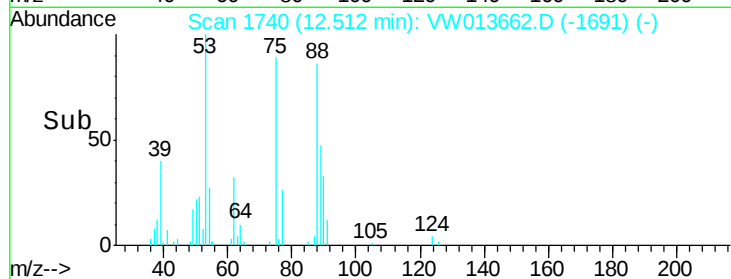
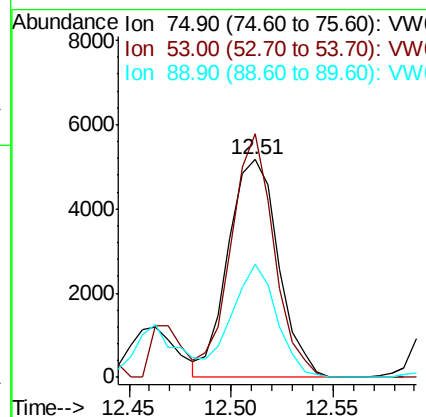
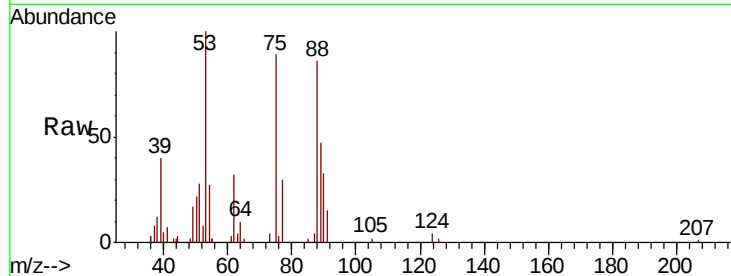
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	8815
Ion	Ratio	Lower	Upper
75	100		
53	96.2	71.7	107.5
89	46.0	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.884 ug/l

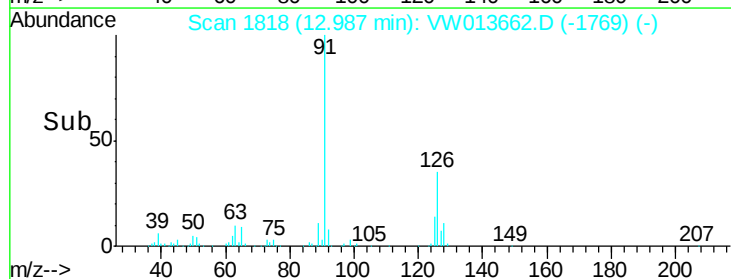
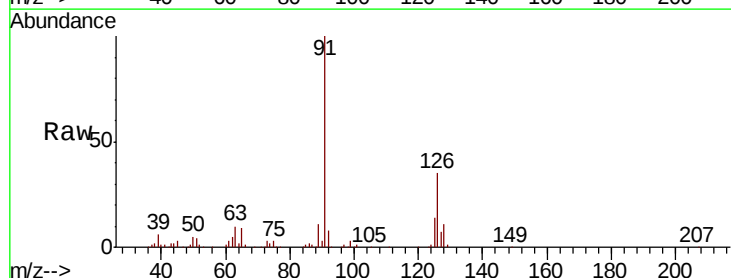
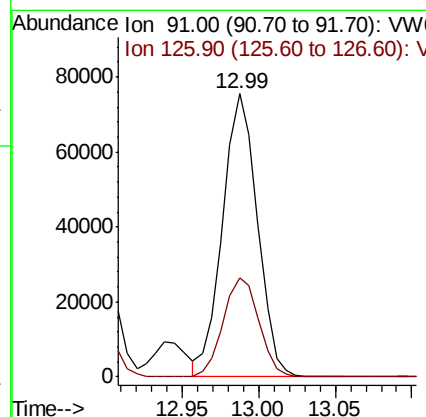
RT: 12.99 min Scan# 1818

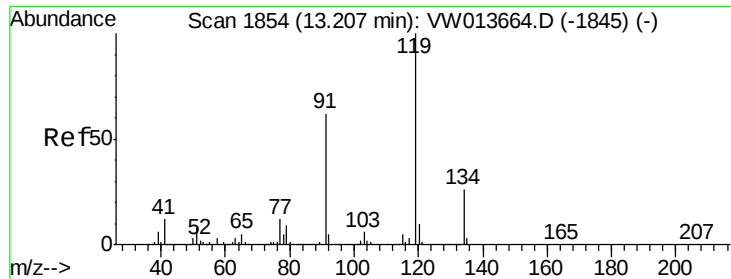
Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Tgt Ion:	91	Resp:	118797
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.2	51.5





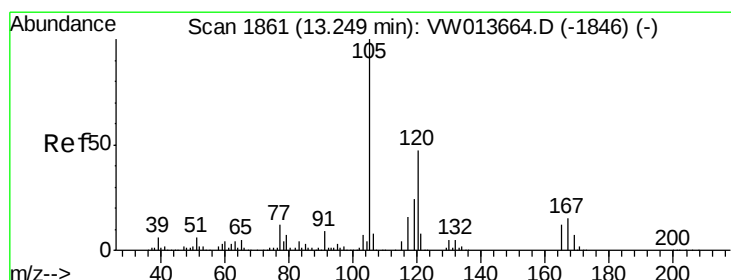
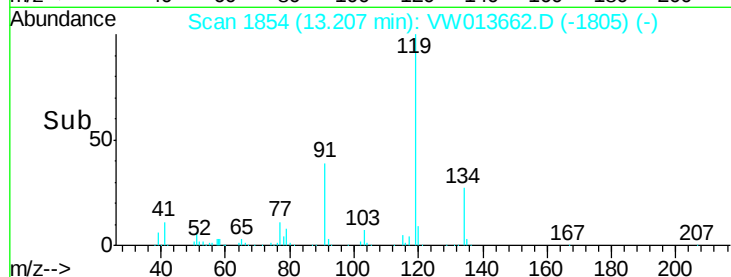
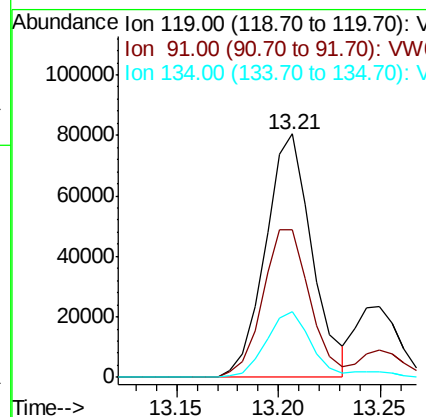
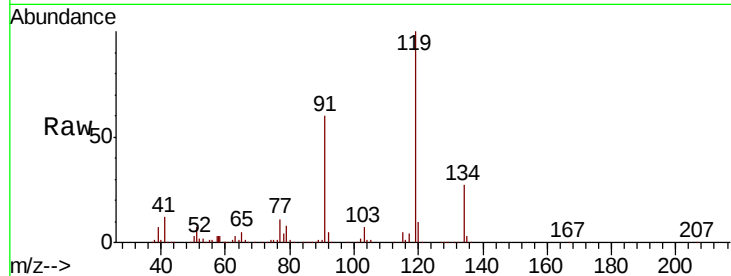
#83
tert-Butylbenzene
Concen: 10.674 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.4	91.3
134	26.1	13.6	40.8

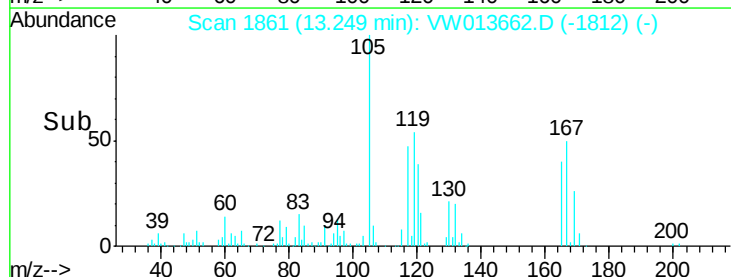
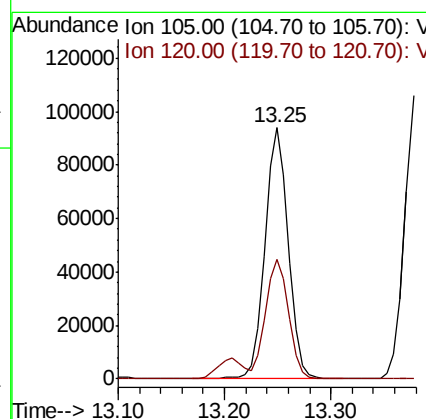
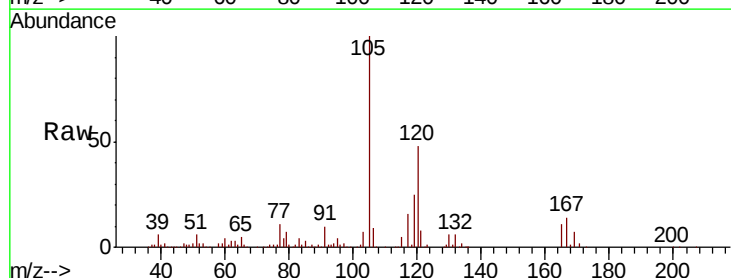
Manual Integrations
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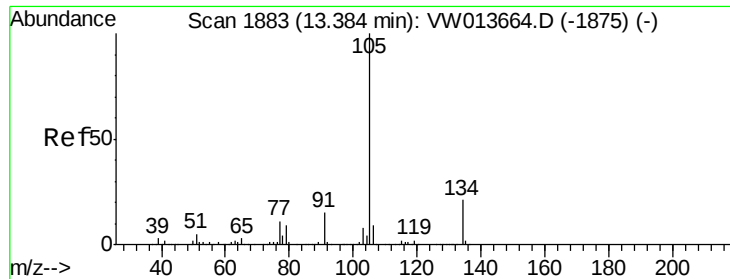
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#84
1,2,4-Trimethylbenzene
Concen: 10.764 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.5





#85

sec-Butylbenzene

Concen: 10.799 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 178080

Ion Ratio Lower Upper

105 100

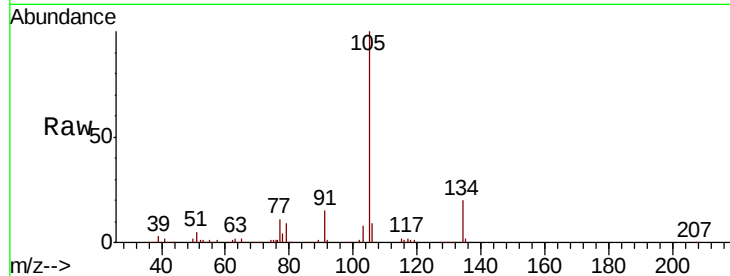
134 20.8 10.5 31.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

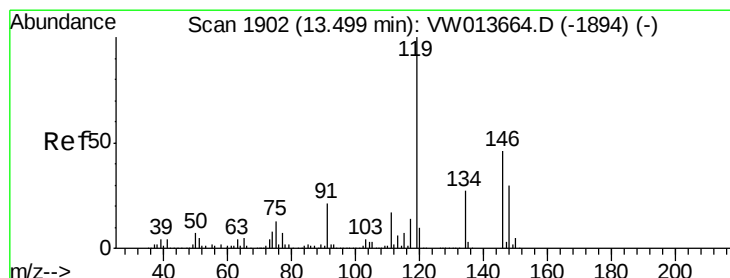
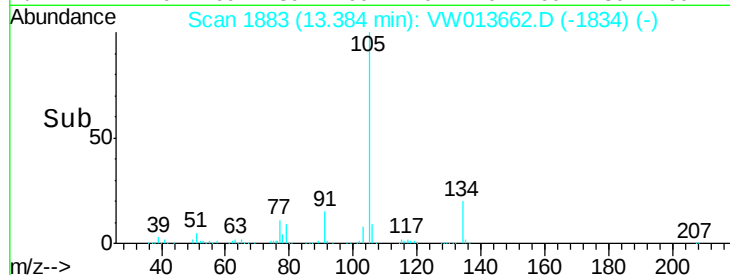
13.38

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 10.838 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013662.D

Acq: 23 Oct 2019 11:49

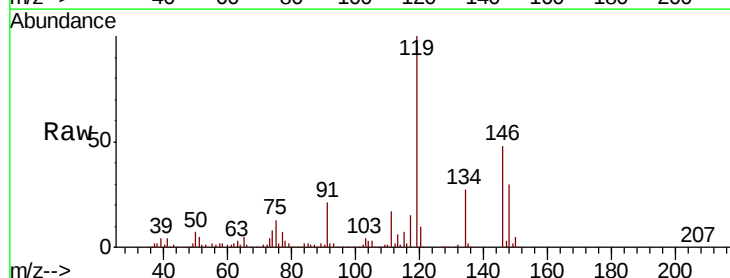
Tgt Ion:119 Resp: 164624

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 21.6 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

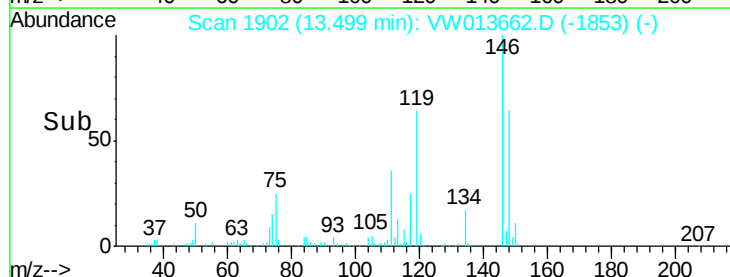
13.50

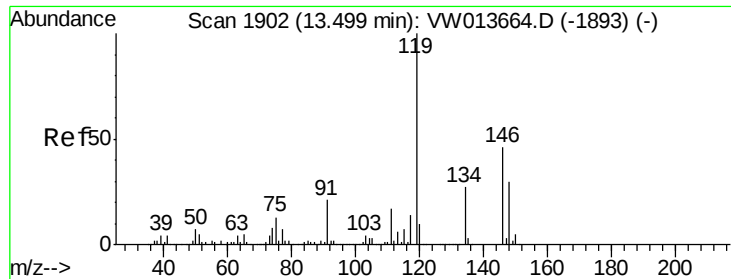
100000

50000

0

Time--> 13.40 13.45 13.50 13.55





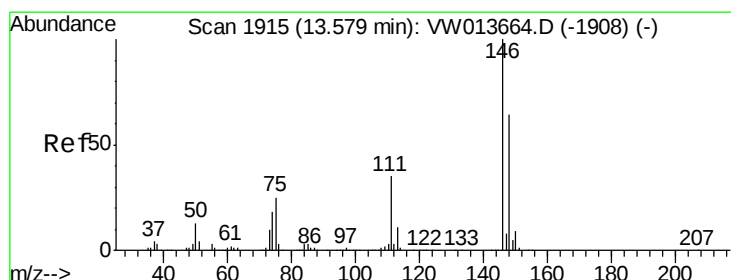
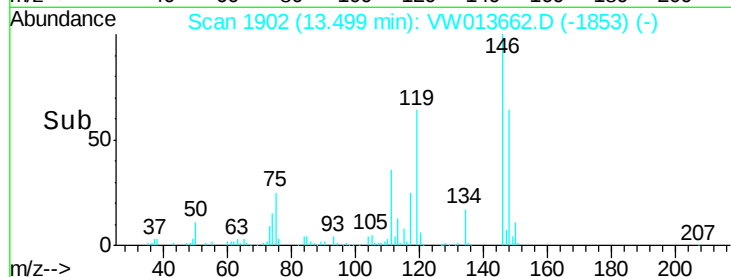
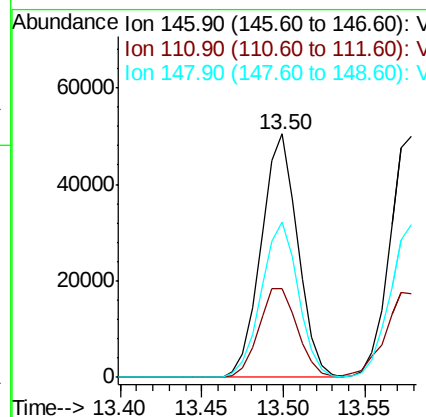
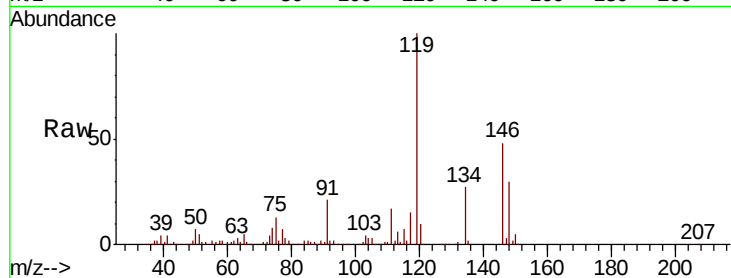
#87
 1,3-Dichlorobenzene
 Concen: 10.769 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.6	31.7	95.1

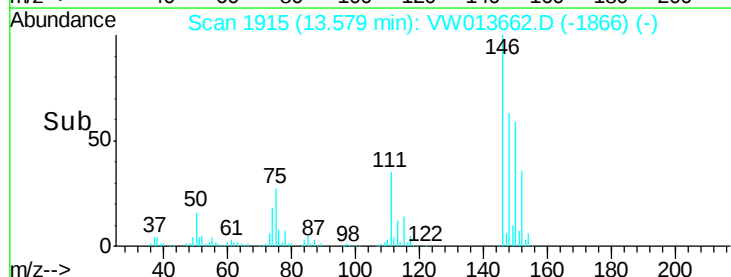
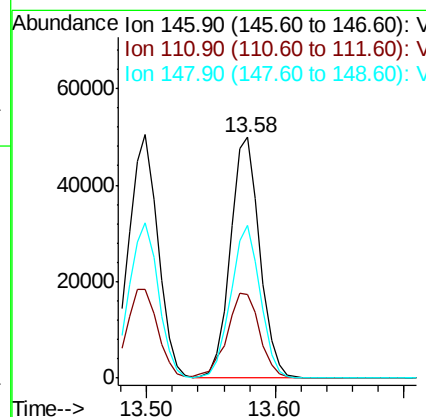
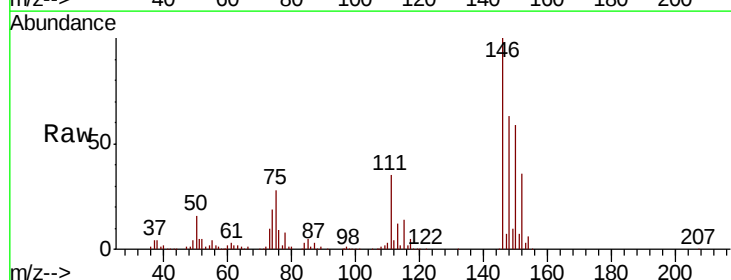
Manual Integrations
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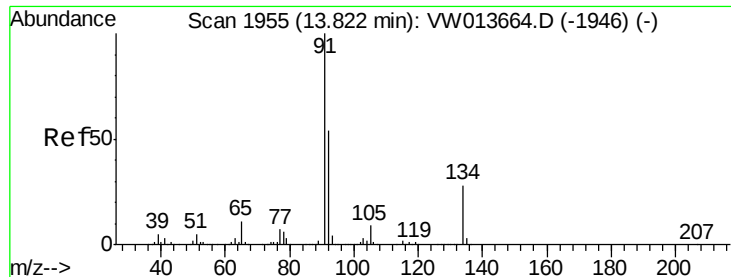
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#88
 1,4-Dichlorobenzene
 Concen: 11.158 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.3
148	63.7	32.0	96.2





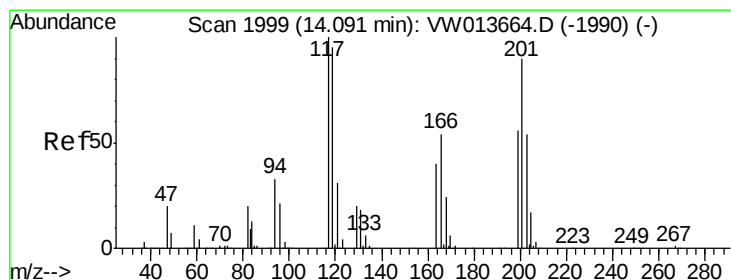
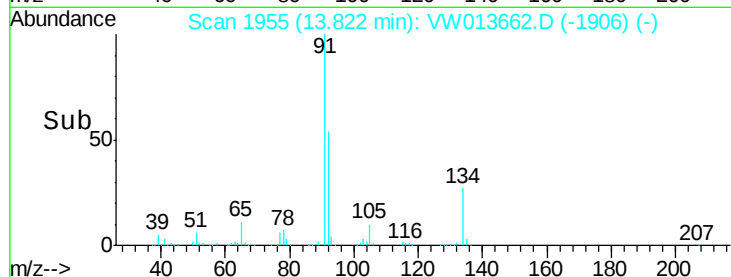
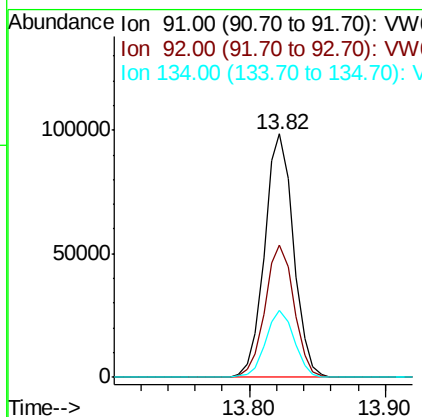
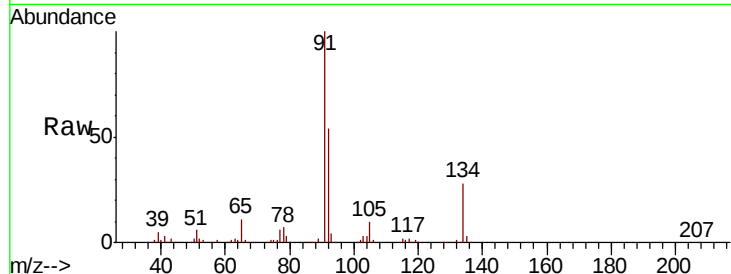
#89
n-Butylbenzene
Concen: 10.700 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	146755		
92	54.8		27.5	82.4
134	27.6		14.0	41.9

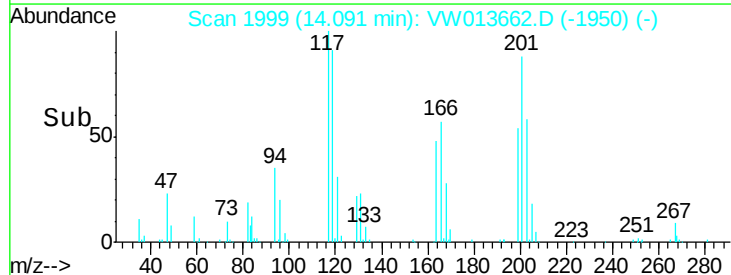
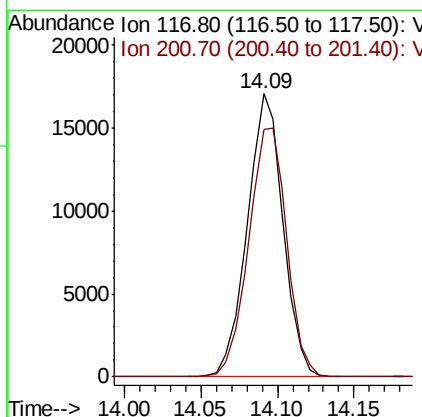
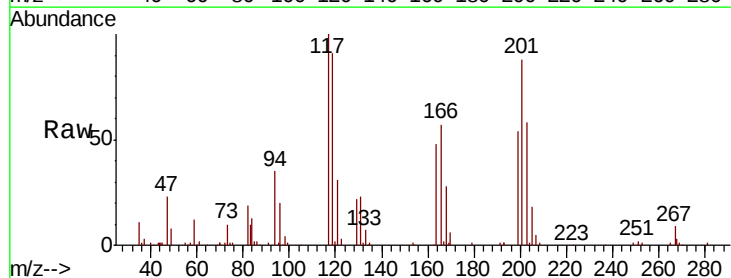
Manual Integrations
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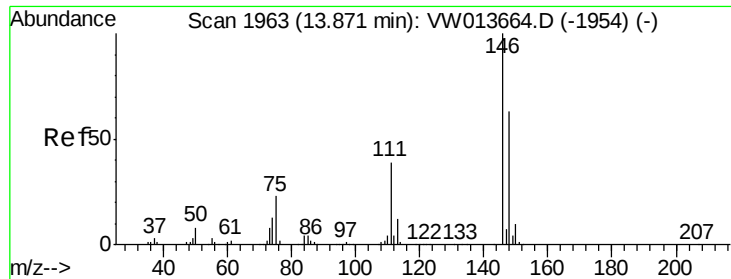
MMDadoda
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#90
Hexachloroethane
Concen: 10.568 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27650		
201	93.8		46.1	138.2





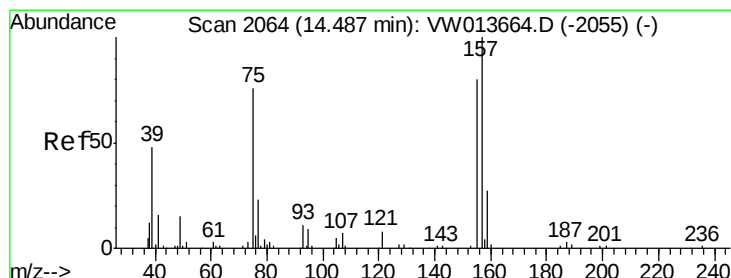
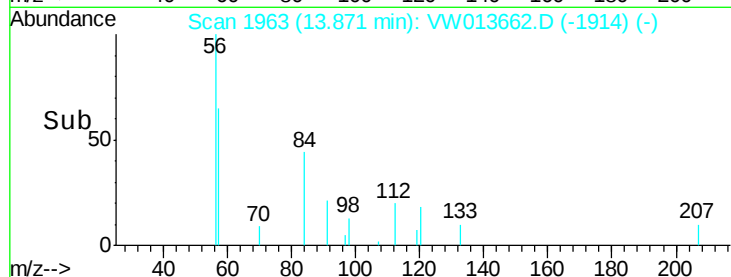
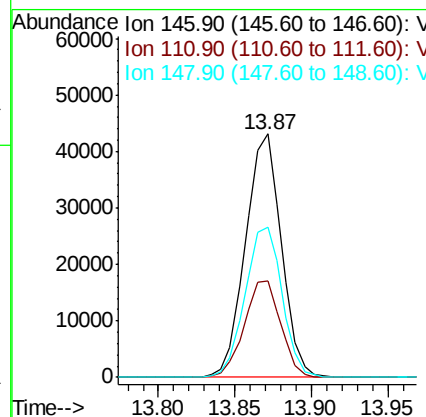
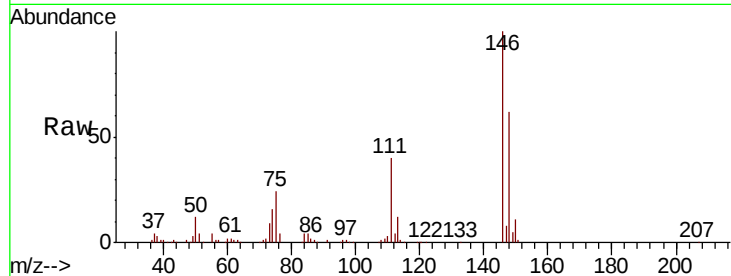
#91
 1,2-Dichlorobenzene
 Concen: 10.913 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.6
148	63.9	31.9	95.9

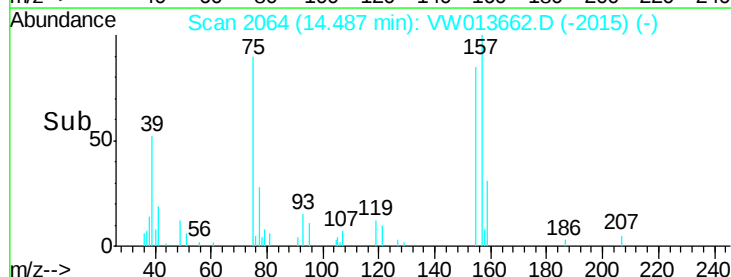
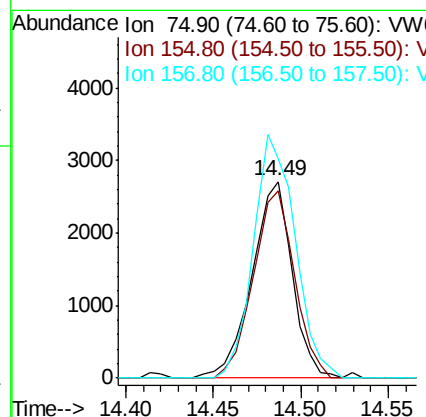
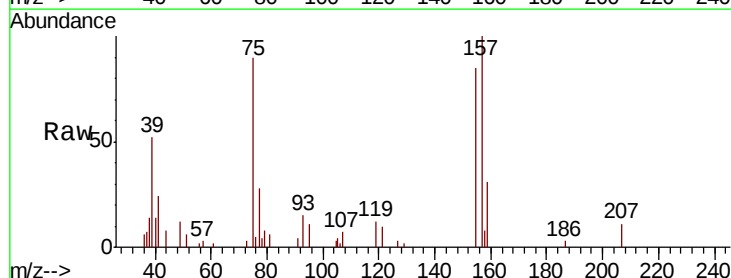
Manual Integrations
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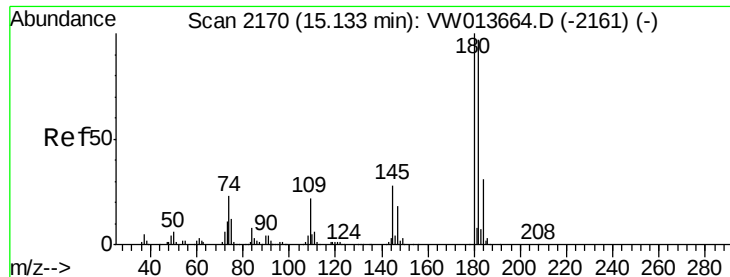
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.046 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	51.9	155.7
157	128.6	64.8	194.3





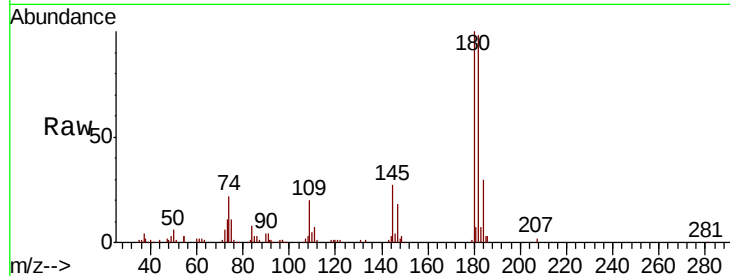
#93
 1,2,4-Trichlorobenzene
 Concen: 10.672 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48740		
182	95.0		47.4	142.2
145	27.3		14.1	42.3

Manual Integrations
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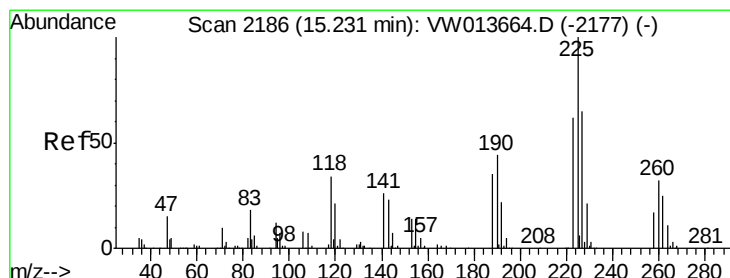
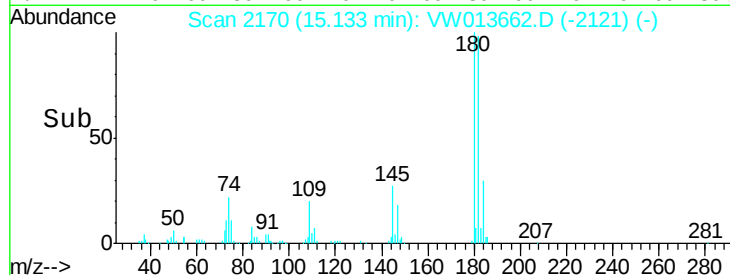
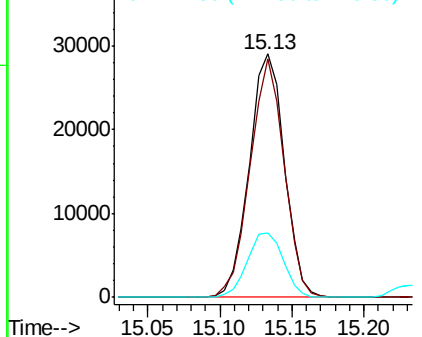


Abundance

Ion 179.80 (179.50 to 180.50): V

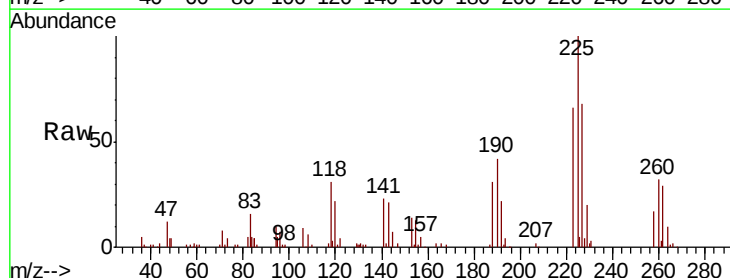
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 11.116 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013662.D
 Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33724		
223	62.8		31.9	95.9
227	63.3		32.5	97.4

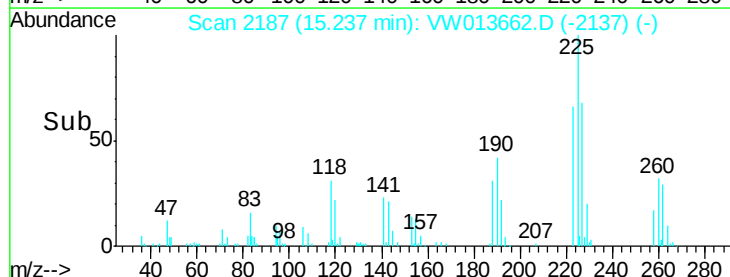
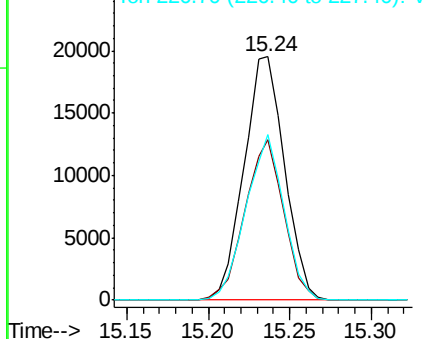


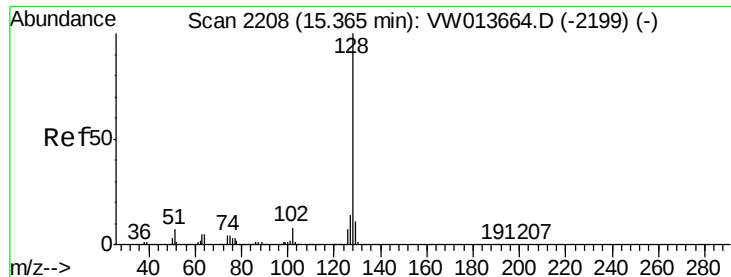
Abundance

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





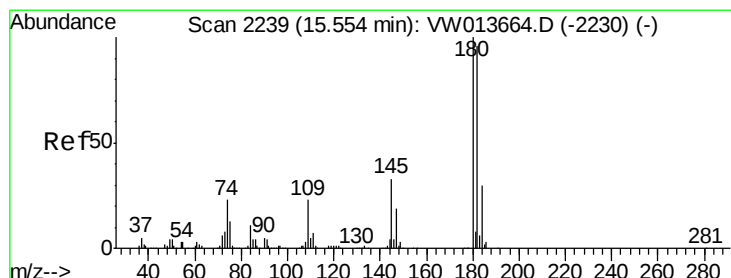
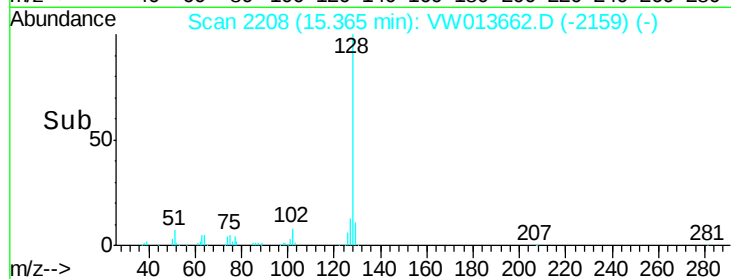
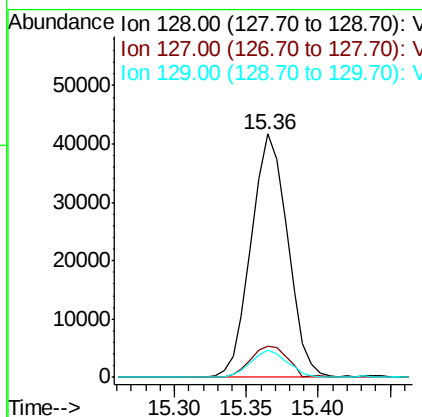
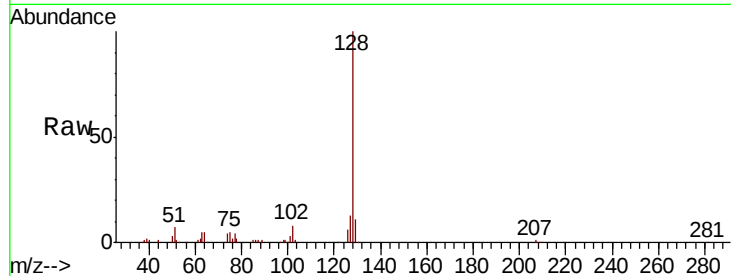
#95
Naphthalene
Concen: 9.405 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.2	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 10.362 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013662.D
Acq: 23 Oct 2019 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	29.6	14.9	44.9

