

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013973.D
 Acq On : 12 Nov 2019 14:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:33:15 AM

Quant Time: Nov 13 06:50:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	79677	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.88	113	86861	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.32	98	363935	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	118833	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59714	48.810	ug/l	97
3) Chloromethane	2.21	50	54225	41.242	ug/l	100
4) Vinyl Chloride	2.36	62	95112	47.901	ug/l	96
5) Bromomethane	2.78	94	60336	46.204	ug/l	99
6) Chloroethane	2.93	64	57233	47.636	ug/l	96
7) Trichlorofluoromethane	3.26	101	59999	48.378	ug/l	93
8) Diethyl Ether	3.68	74	42662	42.577	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98915	49.060	ug/l	97
10) Methyl Iodide	4.27	142	152619	46.453	ug/l	99
11) Tert butyl alcohol	5.15	59	26212	252.053	ug/l	99
12) 1,1-Dichloroethene	4.04	96	103129	49.518	ug/l	95
13) Acrolein	3.89	56	30456	255.628	ug/l	99
14) Allyl chloride	4.66	41	150013	46.844	ug/l	99
15) Acrylonitrile	5.36	53	87102	213.783	ug/l	97
16) Acetone	4.11	43	95487	258.520	ug/l	100
17) Carbon Disulfide	4.38	76	287115	48.004	ug/l	100
18) Methyl Acetate	4.66	43	44284	43.737	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	109831	43.947	ug/l	100
20) Methylene Chloride	4.91	84	97367	47.693	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	106232	47.392	ug/l	98
22) Diisopropyl ether	6.31	45	266151	45.562	ug/l	96
23) Vinyl Acetate	6.25	43	725625	214.082	ug/l	99
24) 1,1-Dichloroethane	6.21	63	172049	46.506	ug/l	100
25) 2-Butanone	7.16	43	121295	228.416	ug/l	97
26) 2,2-Dichloropropane	7.16	77	98318	45.959	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	107988	45.357	ug/l	97
28) Bromochloromethane	7.51	49	63582	48.285	ug/l #	99
29) Tetrahydrofuran	7.52	42	74573	226.831	ug/l	99
30) Chloroform	7.67	83	170627	46.656	ug/l	98
31) Cyclohexane	7.95	56	176508	45.590	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	138891	48.395	ug/l	100
36) 1,1-Dichloropropene	8.08	75	147452	49.192	ug/l	98
37) Ethyl Acetate	7.25	43	49654	43.274	ug/l	99
38) Carbon Tetrachloride	8.07	117	135318	50.131	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	192373	49.696	ug/l	98
40) Benzene	8.32	78	399147	47.053	ug/l	100
41) Methacrylonitrile	7.48	41	27747	38.778	ug/l	97
42) 1,2-Dichloroethane	8.40	62	94121	44.030	ug/l	99
43) Isopropyl Acetate	8.42	43	94850	43.185	ug/l	100
44) Trichloroethene	9.09	130	114819	47.252	ug/l	97
45) 1,2-Dichloropropane	9.37	63	93085	45.940	ug/l	98
46) Dibromomethane	9.46	93	43503	44.236	ug/l	96
47) Bromodichloromethane	9.64	83	116856	45.924	ug/l	99
48) Methyl methacrylate	9.43	41	47599	43.702	ug/l	99
49) 1,4-Dioxane	9.44	88	14812	1019.249	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	241660	221.419	ug/l	100
52) Toluene	10.38	92	258919	47.318	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	114761	44.551	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	144814	45.566	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	62596	42.709	ug/l	98
56) Ethyl methacrylate	10.65	69	80121	43.693	ug/l	98
57) 1,3-Dichloropropane	10.93	76	109185	43.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	183424	217.341	ug/l	99
59) 2-Hexanone	10.97	43	171988	228.582	ug/l	99
60) Dibromochloromethane	11.13	129	76028	43.690	ug/l	100
61) 1,2-Dibromoethane	11.23	107	59193	42.689	ug/l	98
64) Tetrachloroethene	10.86	164	101118	49.691	ug/l	99
65) Chlorobenzene	11.66	112	262652	47.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	89851	47.040	ug/l	99
67) Ethyl Benzene	11.73	91	484328	49.076	ug/l	99
68) m/p-Xylenes	11.83	106	375853	98.574	ug/l	99
69) o-Xylene	12.16	106	168541	48.090	ug/l	99
70) Styrene	12.18	104	289805	48.128	ug/l	99
71) Bromoform	12.35	173	45177	45.069	ug/l #	97
73) Isopropylbenzene	12.46	105	491445	51.908	ug/l	99
74) N-amyl acetate	12.27	43	88427	48.283	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	69561	46.560	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	53885m	56.915	ug/l	
77) Bromobenzene	12.74	156	108550	47.996	ug/l	98
78) n-propylbenzene	12.80	91	566850	51.729	ug/l	100
79) 2-Chlorotoluene	12.89	91	309445	50.250	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	403483	50.485	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	22771	45.454	ug/l	99
82) 4-Chlorotoluene	12.99	91	320403	49.560	ug/l	98
83) tert-Butylbenzene	13.21	119	360531	50.821	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	399611	50.688	ug/l	98
85) sec-Butylbenzene	13.38	105	501708	51.717	ug/l	99
86) p-Isopropyltoluene	13.50	119	464073	51.355	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	211838	48.343	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	208921	47.991	ug/l	100
89) n-Butylbenzene	13.82	91	417917	51.236	ug/l	100
90) Hexachloroethane	14.09	117	78903	50.234	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	183444	48.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10714	47.424	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	126978	45.921	ug/l	100
94) Hexachlorobutadiene	15.24	225	90629	48.550	ug/l	100
95) Naphthalene	15.36	128	190099	43.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	105518	44.286	ug/l	98

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

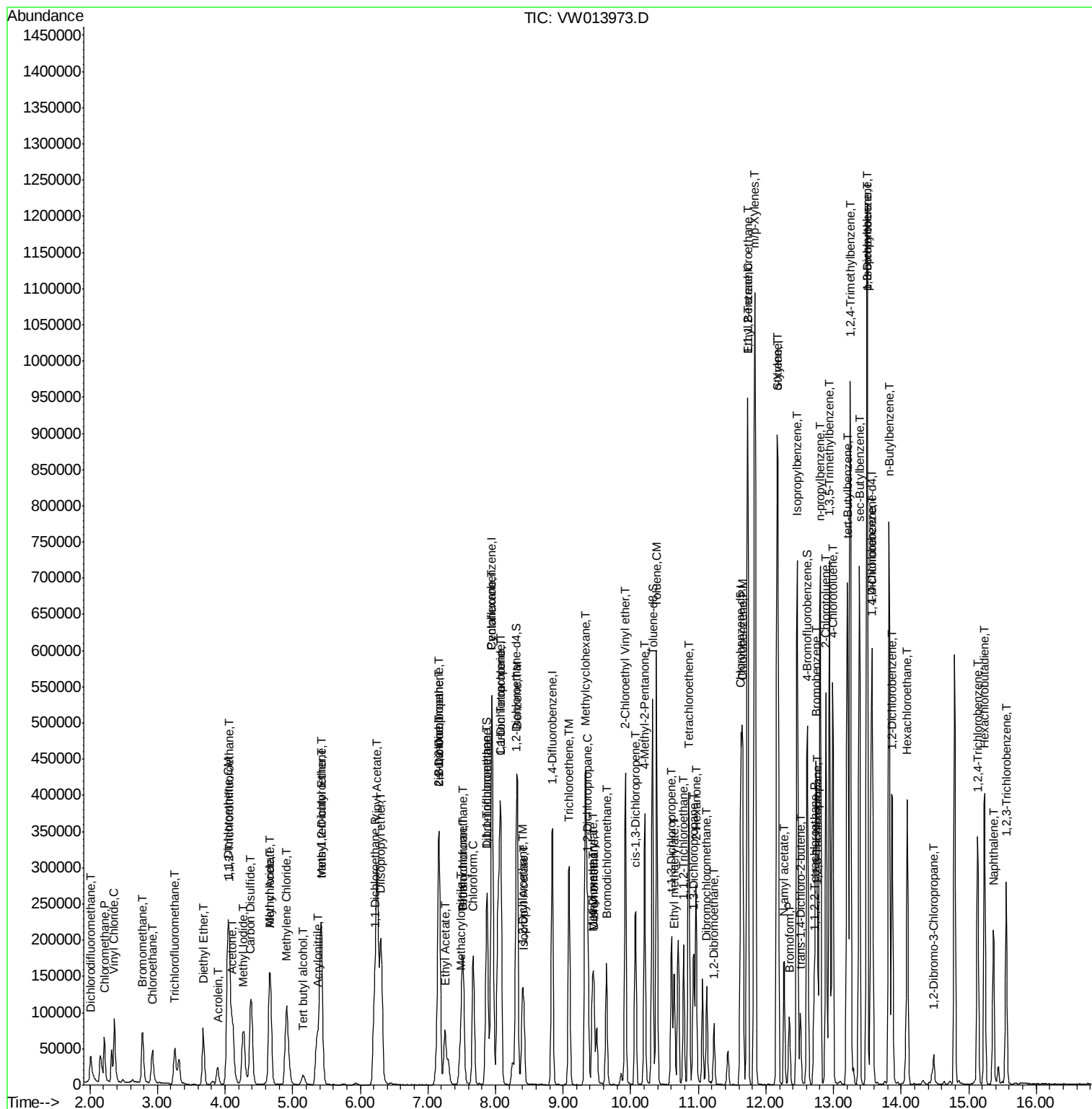
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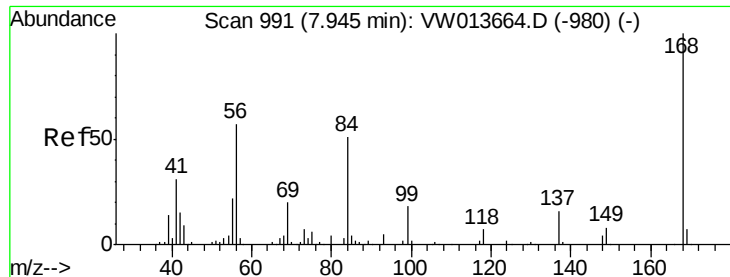
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 232217

Ion Ratio Lower Upper

168 100

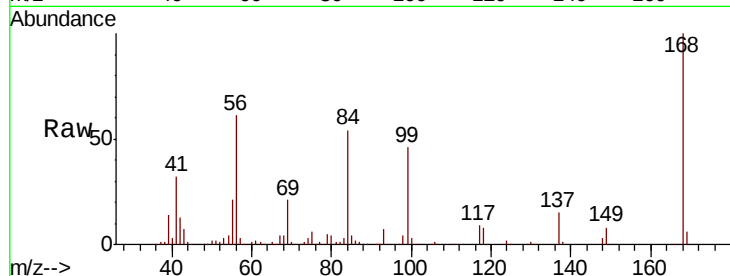
99 46.2 39.0 58.6

Manual Integrations

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11/13/2019 9:33:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

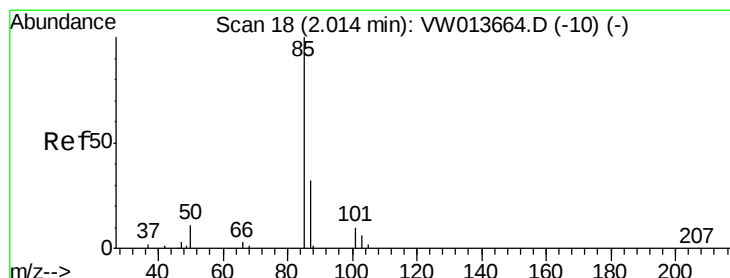
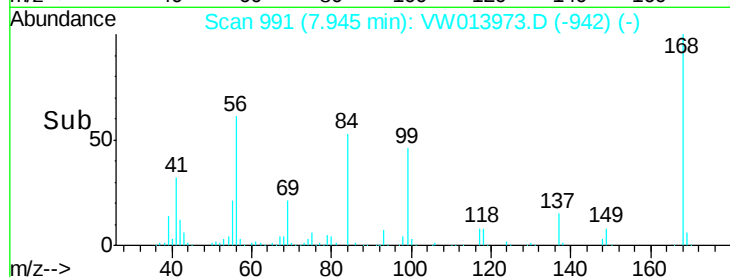
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 48.810 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013973.D

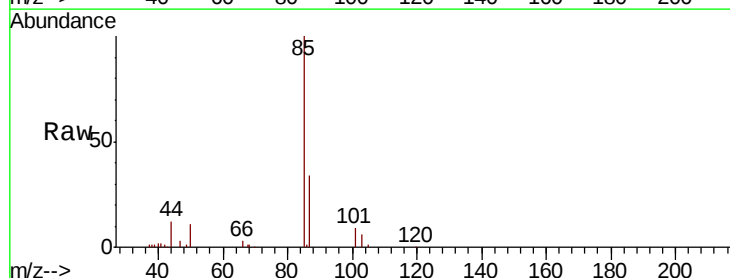
Acq: 12 Nov 2019 14:17

Tgt Ion: 85 Resp: 59714

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

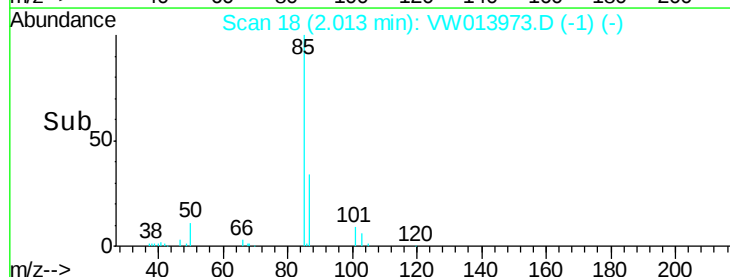
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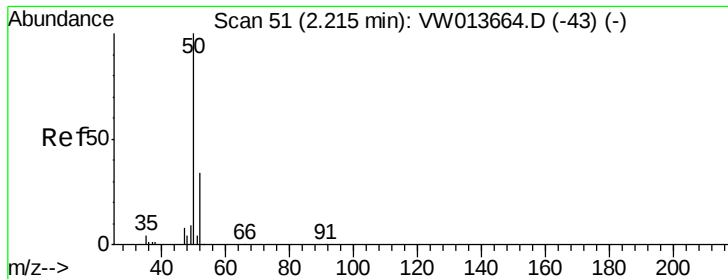
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 41.242 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 54225

Ion Ratio Lower Upper

50 100

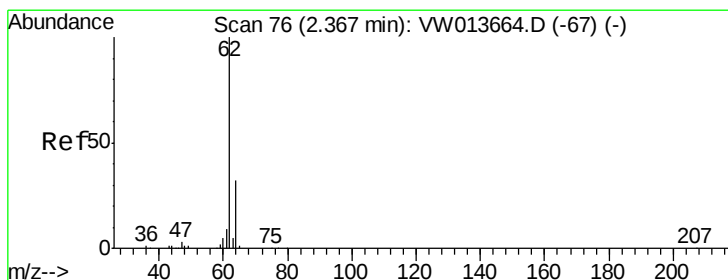
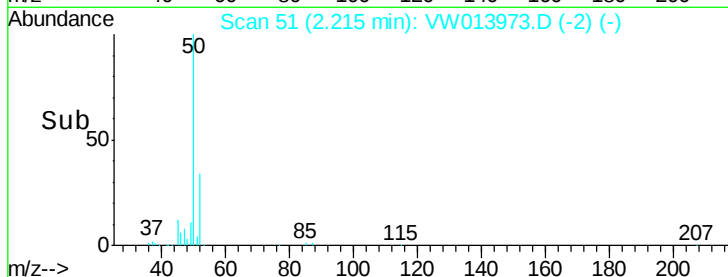
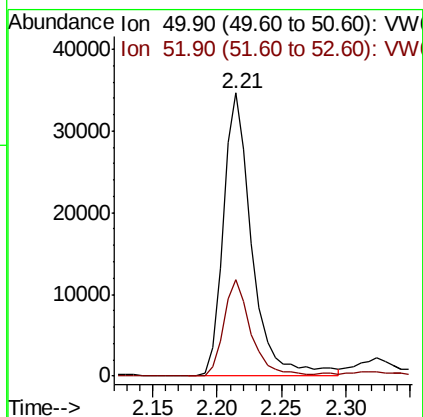
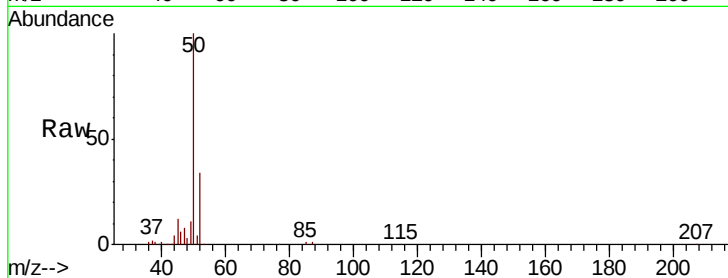
52 33.9 26.9 40.3

Manual Integrations

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11/13/2019 9:33:15 AM



#4

Vinyl Chloride

Concen: 47.901 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013973.D

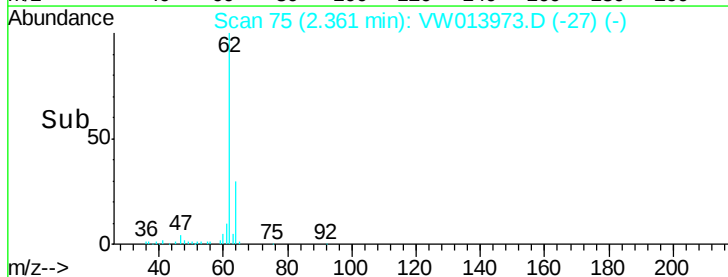
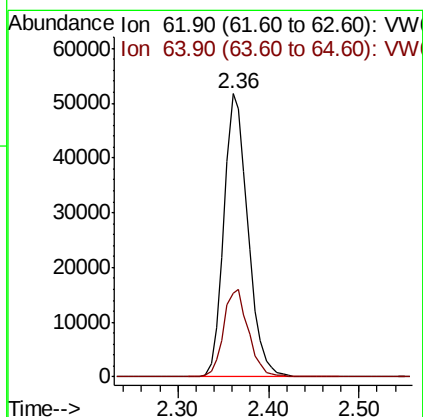
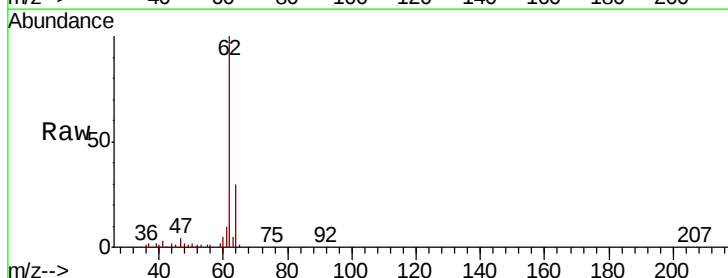
Acq: 12 Nov 2019 14:17

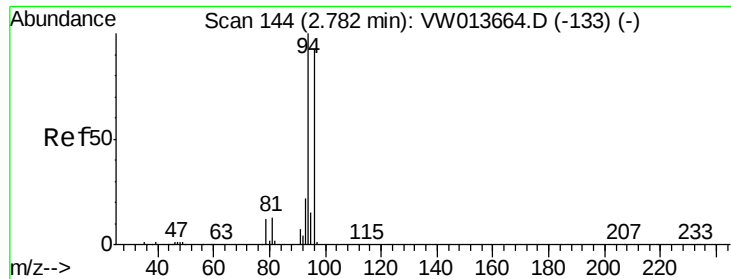
Tgt Ion: 62 Resp: 95112

Ion Ratio Lower Upper

62 100

64 29.5 25.5 38.3





#5

Bromomethane

Concen: 46.204 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60336

Ion Ratio Lower Upper

94 100

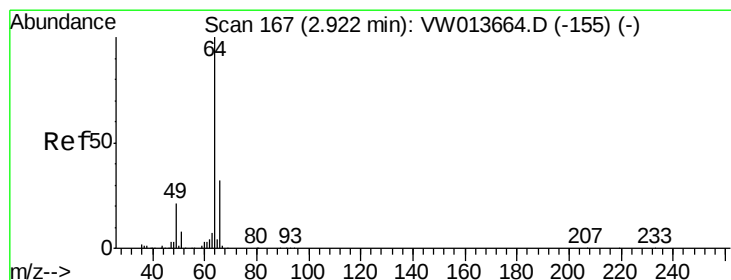
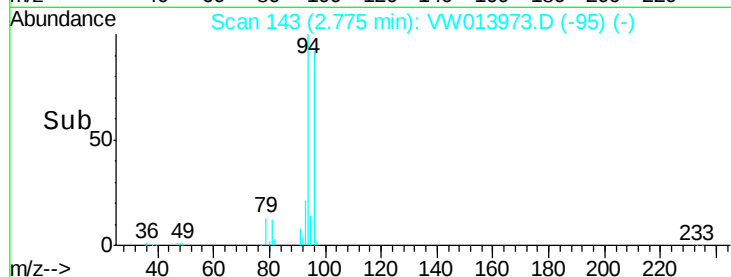
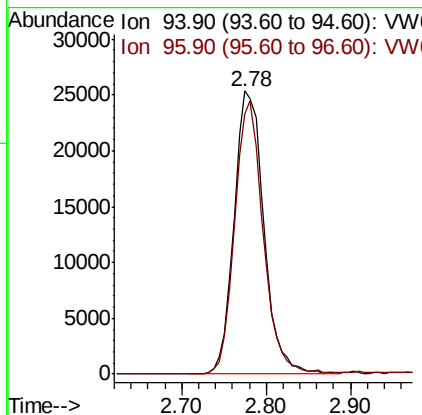
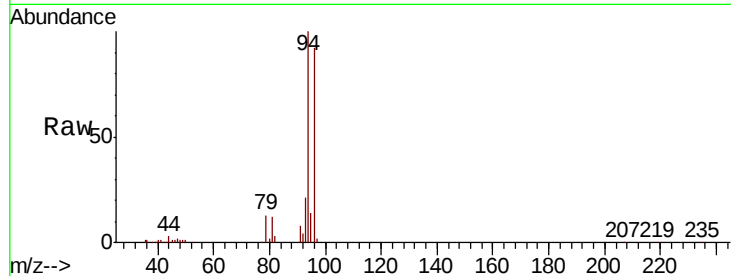
96 92.0 74.6 112.0

Manual Integrations

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11/13/2019 9:33:15 AM



#6

Chloroethane

Concen: 47.636 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013973.D

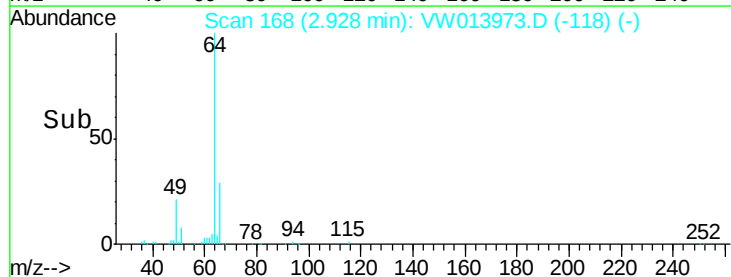
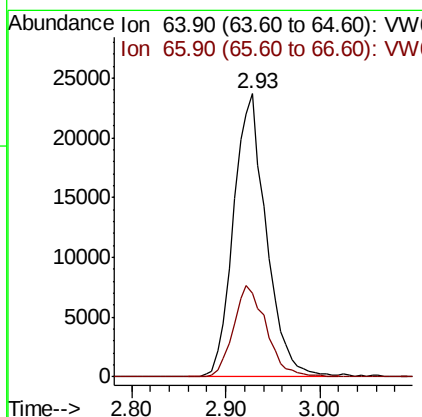
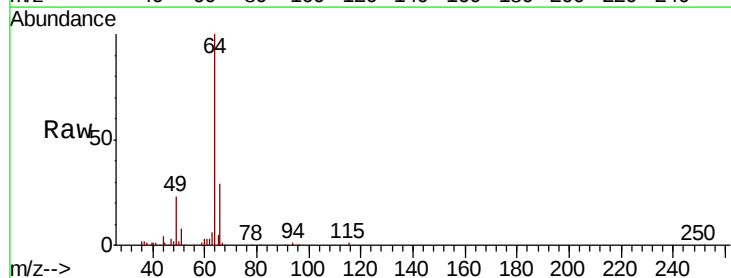
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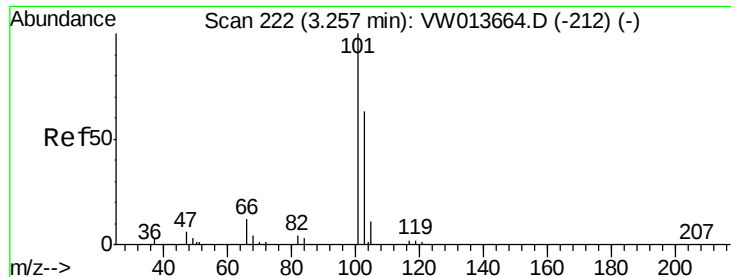
Tgt Ion: 64 Resp: 57233

Ion Ratio Lower Upper

64 100

66 29.5 25.4 38.0





#7

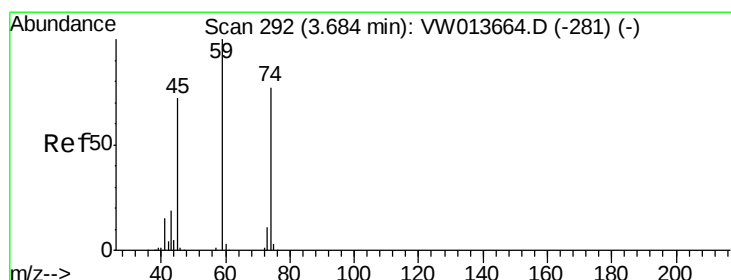
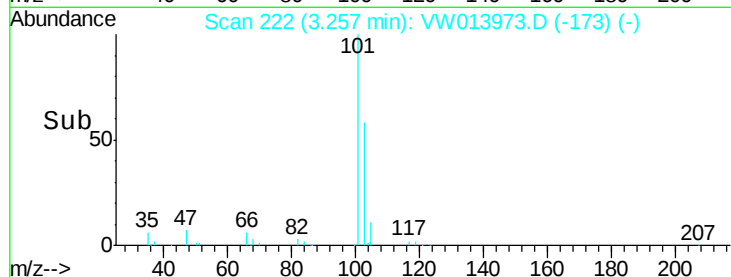
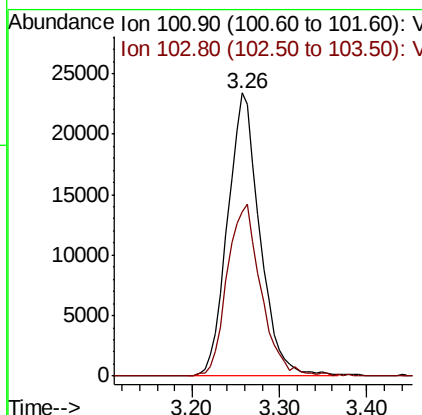
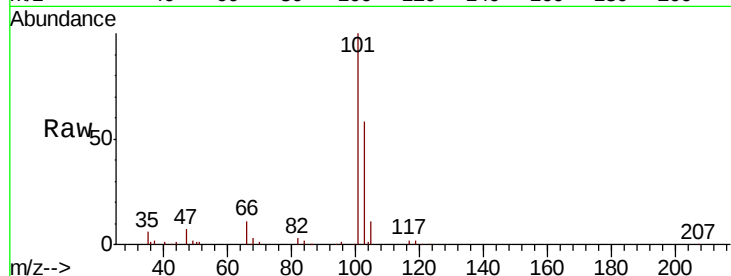
Trichlorofluoromethane
Concen: 48.378 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW013973.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.2	50.6	76.0

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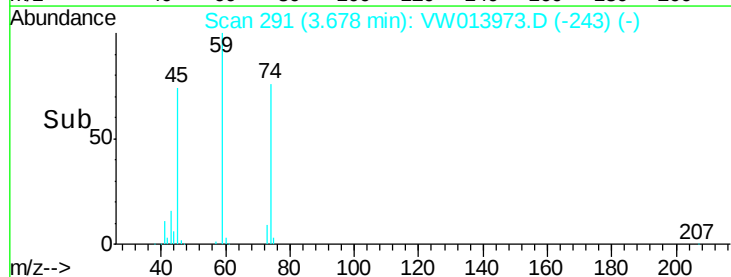
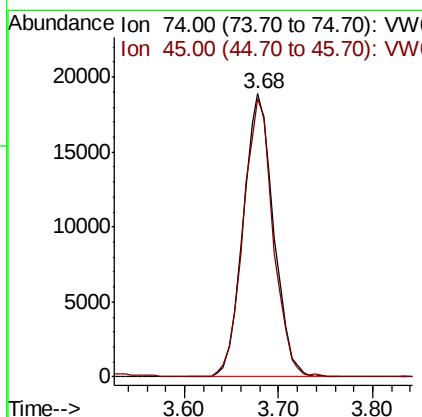
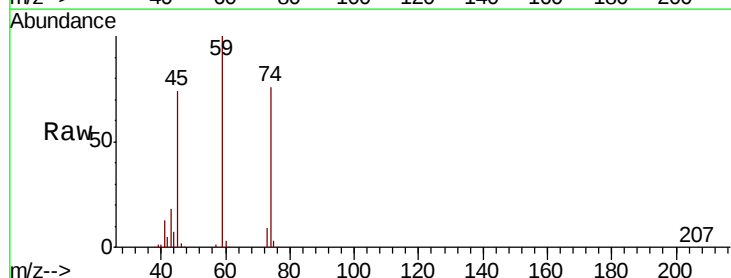
MMDadoda
11/13/2019 9:33:15 AM

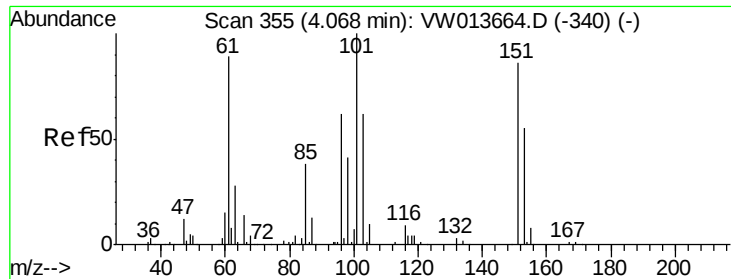


#8

Diethyl Ether
Concen: 42.577 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW013973.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.060 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

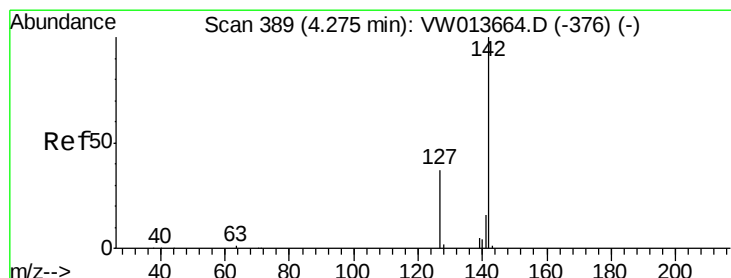
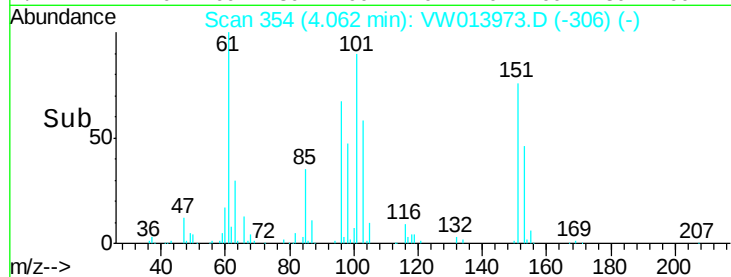
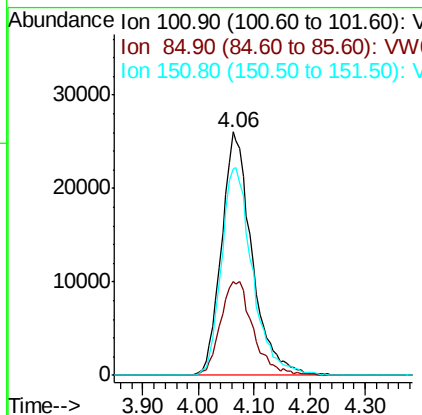
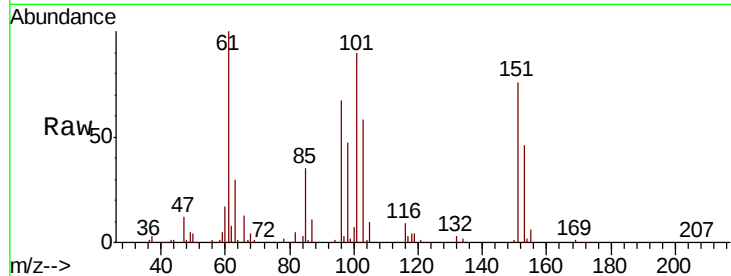
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98915
Ion Ratio	Lower	Upper	
101	100		
85	41.3	31.0	46.6
151	87.2	68.2	102.4

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#10

Methyl Iodide

Concen: 46.453 ug/l

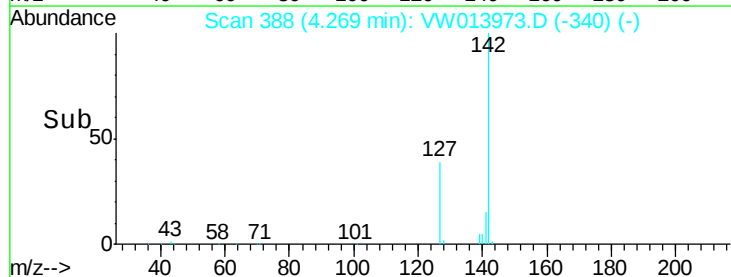
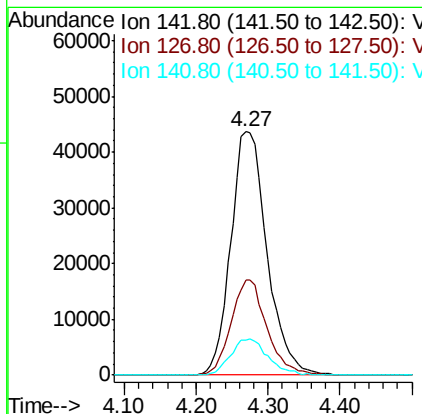
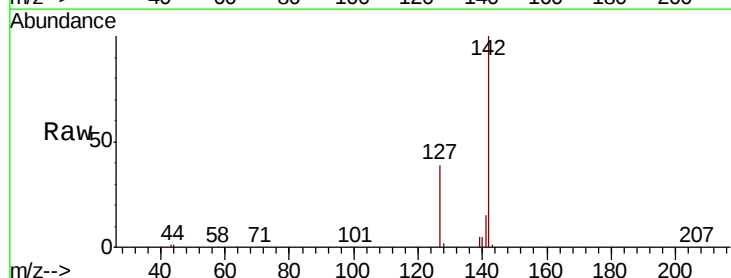
RT: 4.27 min Scan# 388

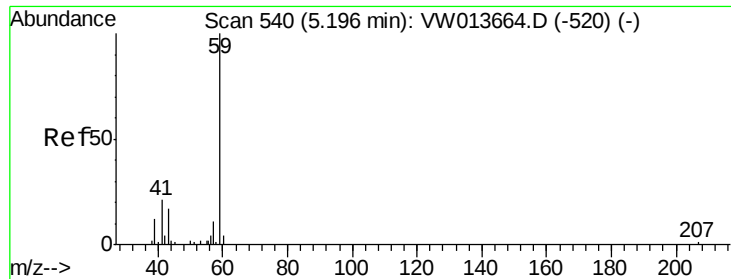
Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	142	Resp:	152619
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.3	45.5
141	15.3	11.8	17.8





#11

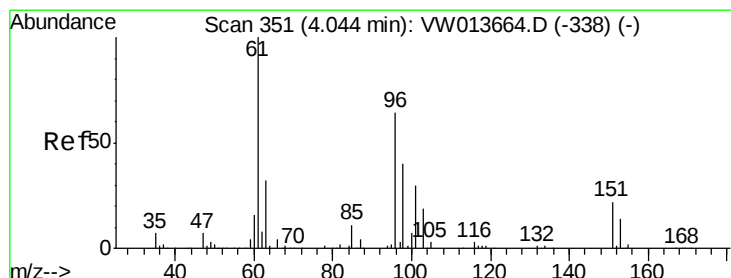
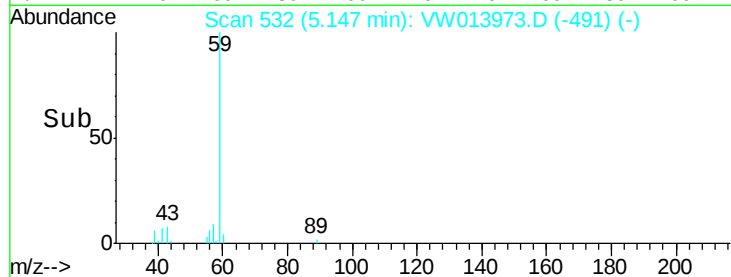
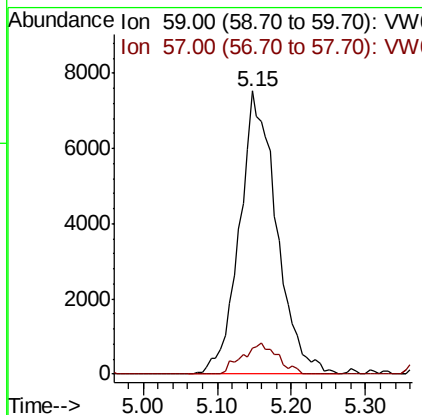
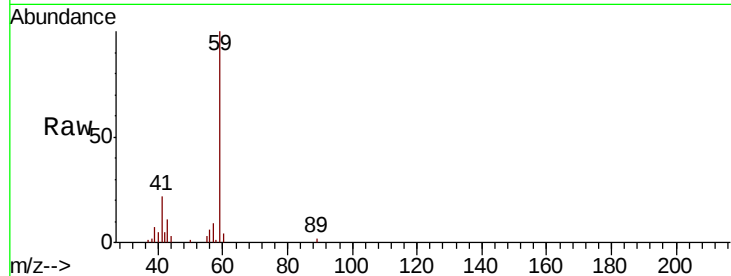
Tert butyl alcohol
Concen: 252.053 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.05 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.8	13.2

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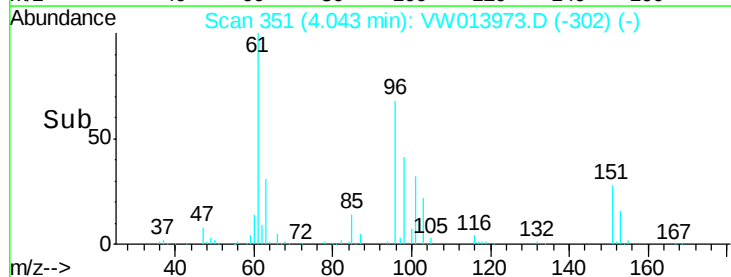
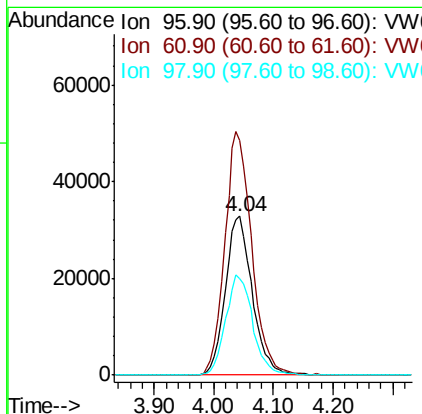
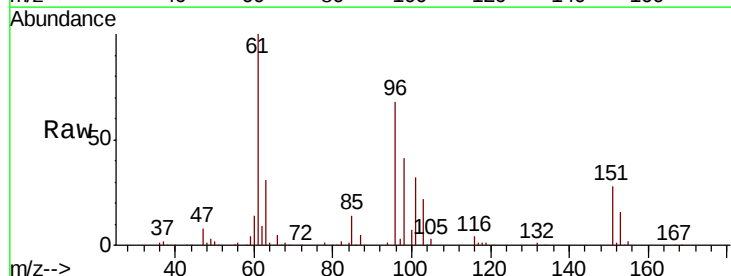
MMDadoda
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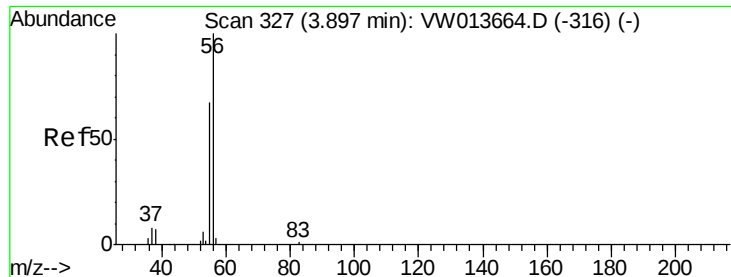


#12

1,1-Dichloroethene
Concen: 49.518 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	125.0	187.6
98	60.7	50.3	75.5





#13

Acrolein

Concen: 255.628 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 30456

Ion Ratio Lower Upper

56 100

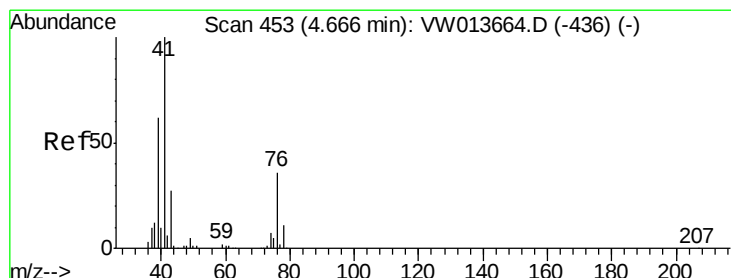
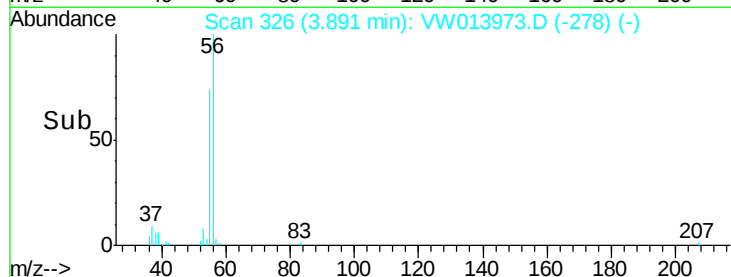
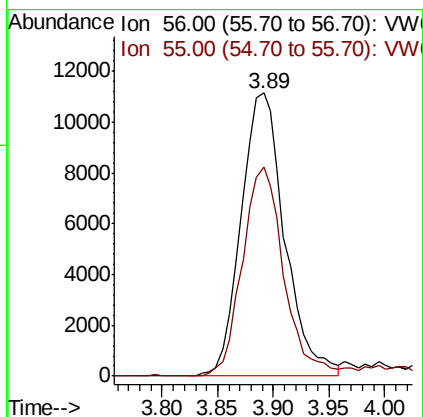
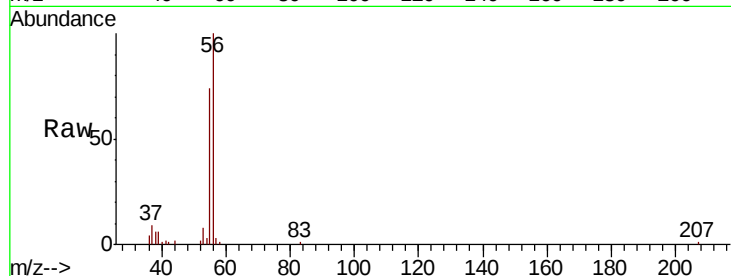
55 70.9 56.1 84.1

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#14

Allyl chloride

Concen: 46.844 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

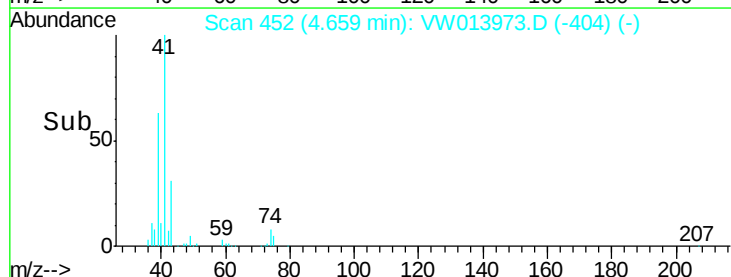
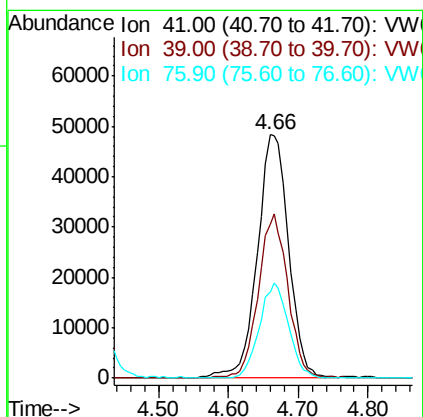
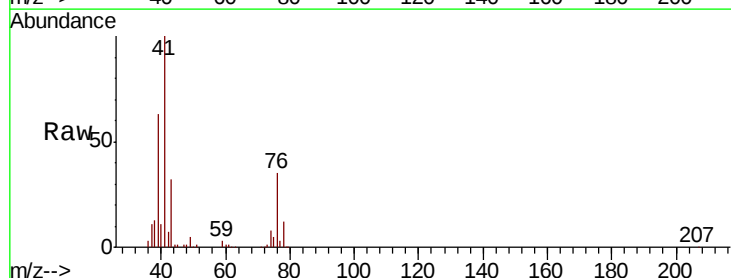
Tgt Ion: 41 Resp: 150013

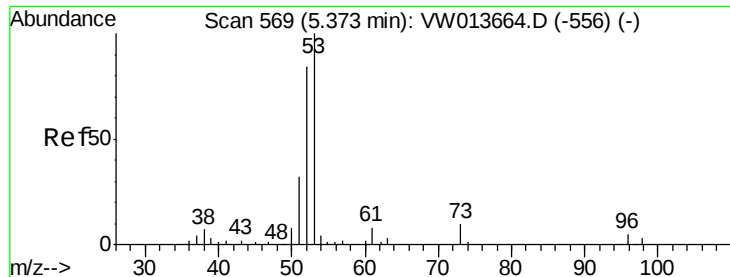
Ion Ratio Lower Upper

41 100

39 63.4 50.0 75.0

76 36.4 29.6 44.4





#15

Acrylonitrile

Concen: 213.783 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

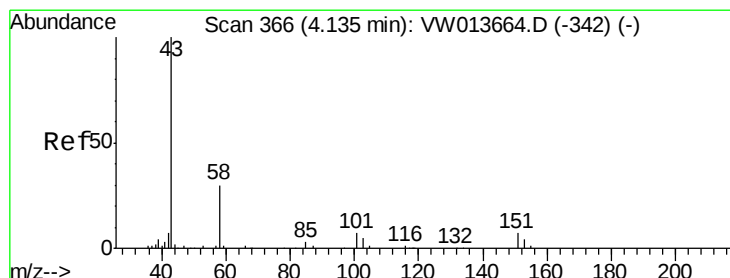
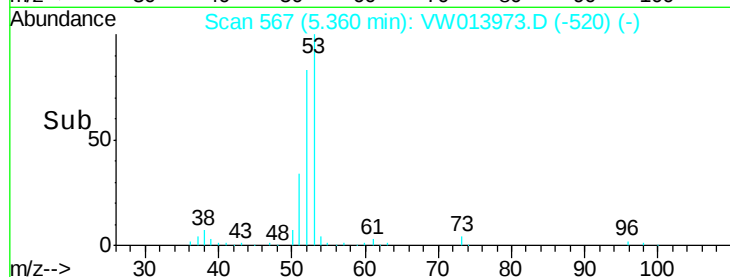
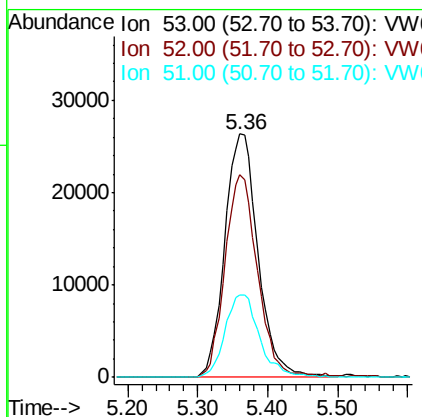
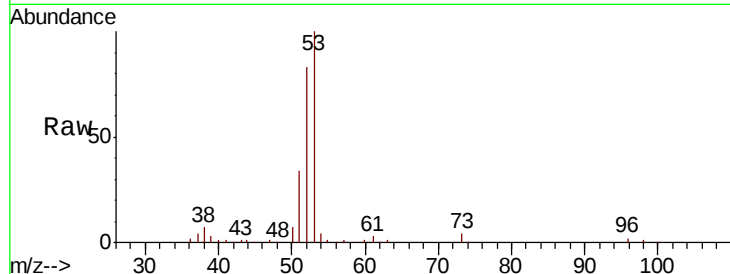
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	87102
Ion Ratio	Lower	Upper	
53	100		
52	81.2	67.4	101.0
51	35.4	29.1	43.7

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#16

Acetone

Concen: 258.520 ug/l

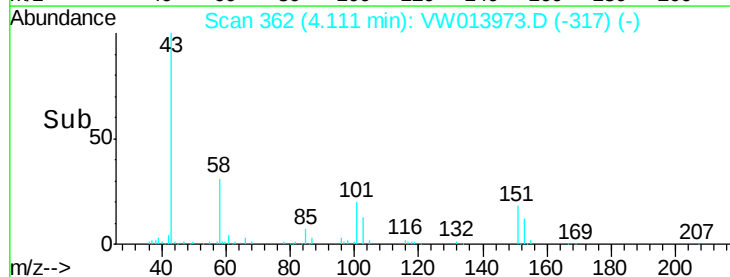
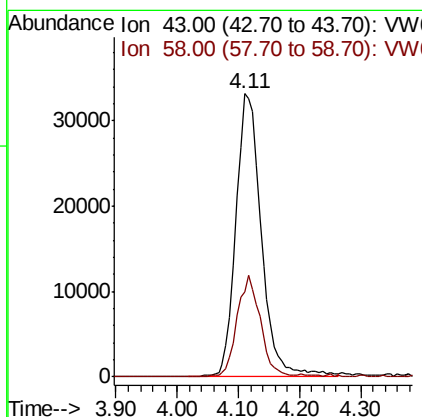
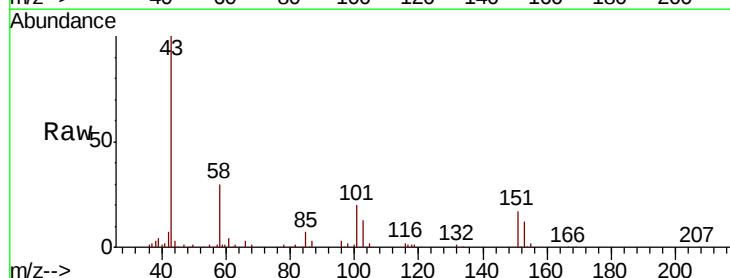
RT: 4.11 min Scan# 362

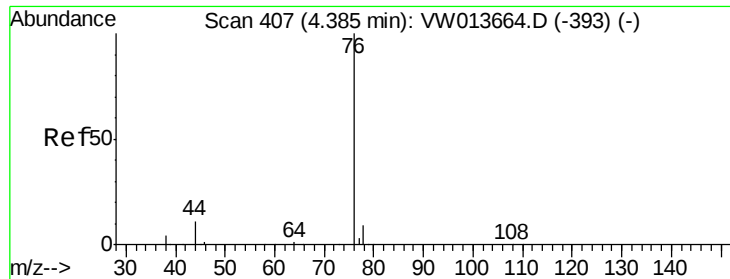
Delta R.T. -0.02 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	43	Resp:	95487
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.1	36.1





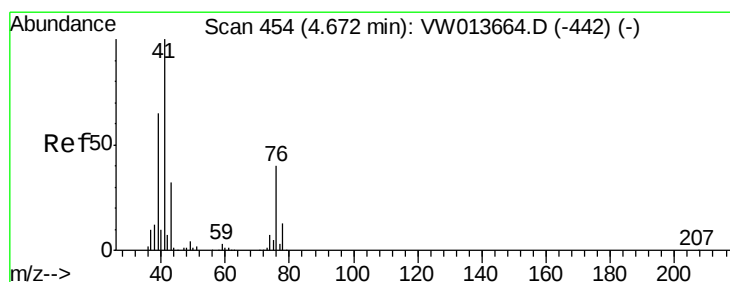
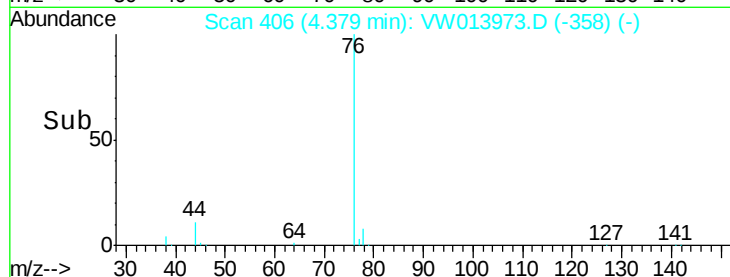
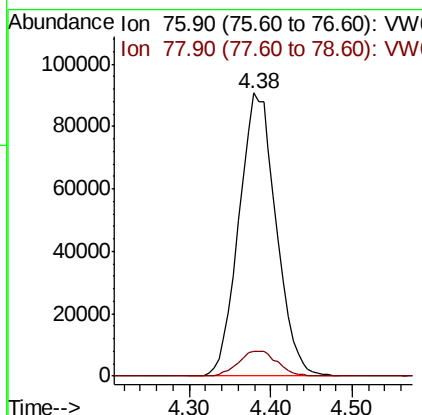
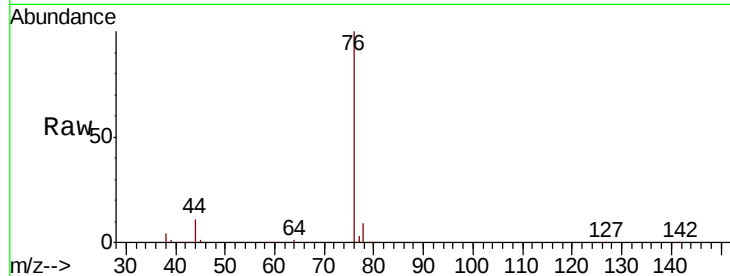
#17
Carbon Disulfide
Concen: 48.004 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	287115		
78	8.8		7.0	10.6

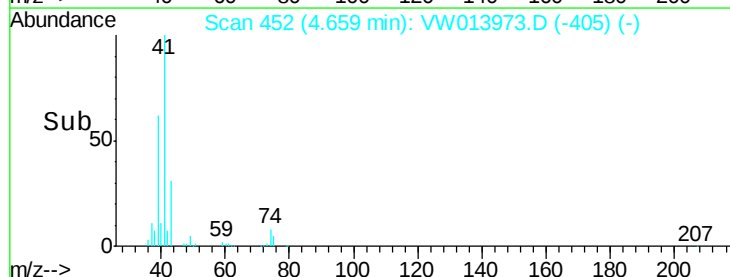
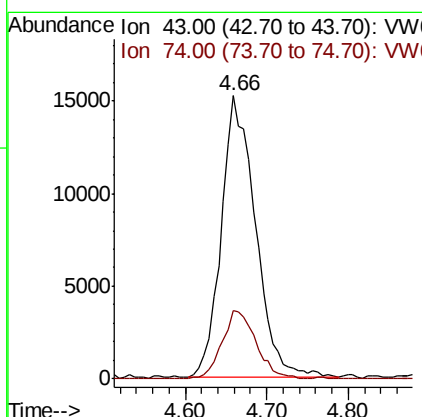
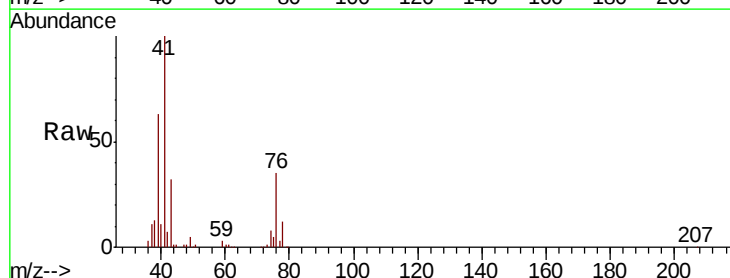
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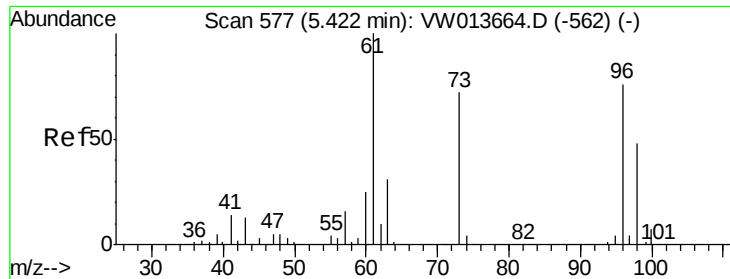
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#18
Methyl Acetate
Concen: 43.737 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	44284		
74	23.9		19.8	29.8





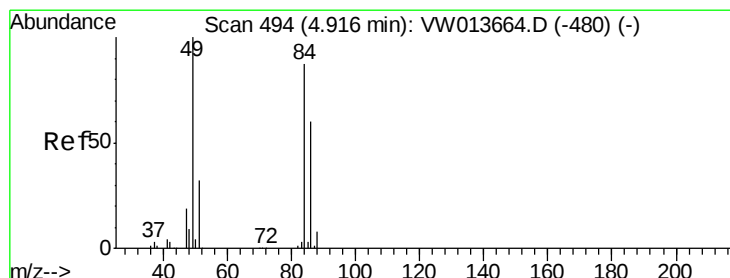
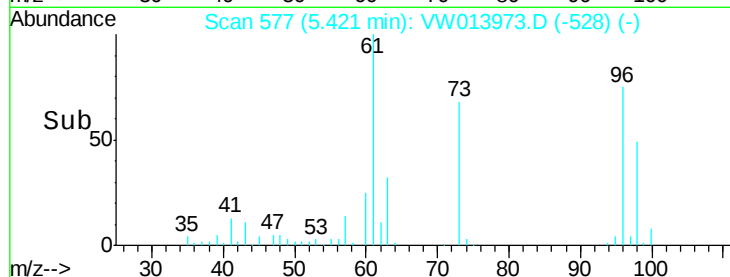
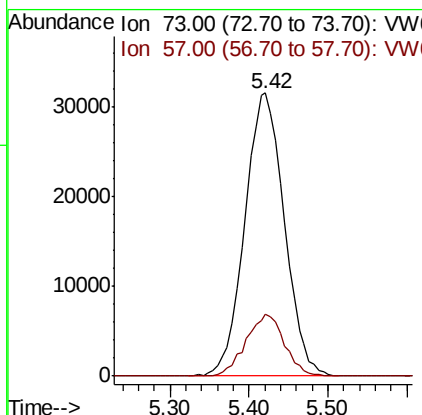
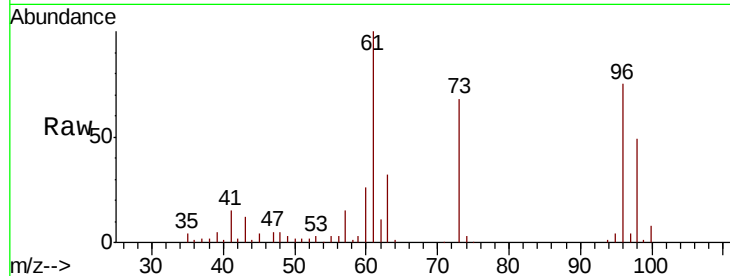
#19
Methyl tert-butyl Ether
Concen: 43.947 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 109831
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

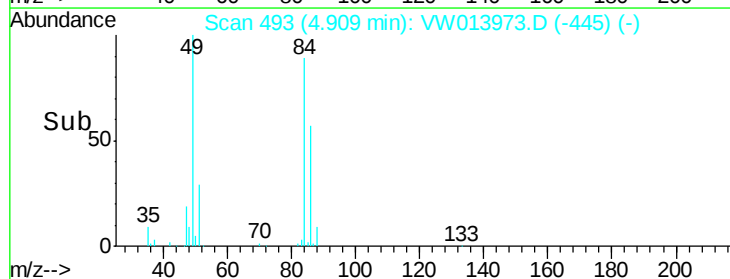
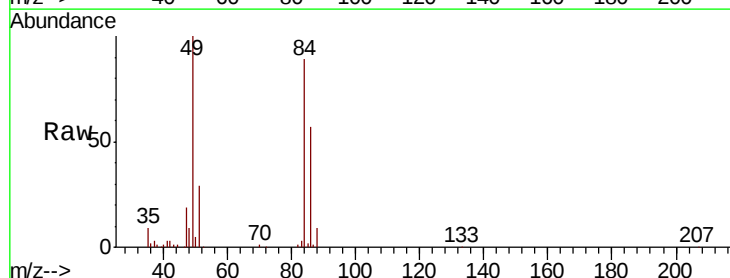
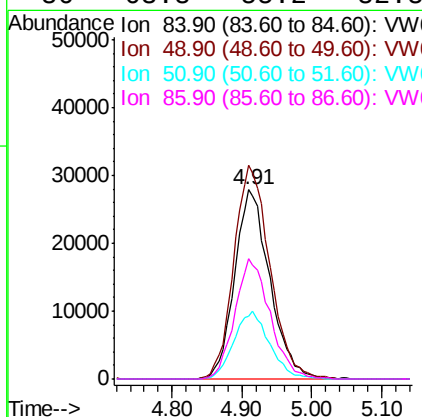
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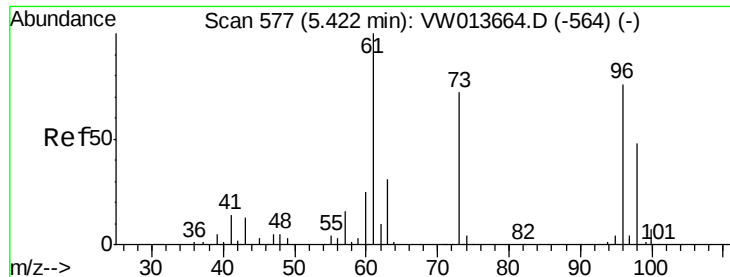
MMDadoda
11/13/2019 9:33:15 AM



#20
Methylene Chloride
Concen: 47.693 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion: 84 Resp: 97367
Ion Ratio Lower Upper
84 100
49 112.8 91.8 137.6
51 33.1 29.8 44.6
86 63.8 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 47.392 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 106232

Ion Ratio Lower Upper

96 100

61 133.3 104.8 157.2

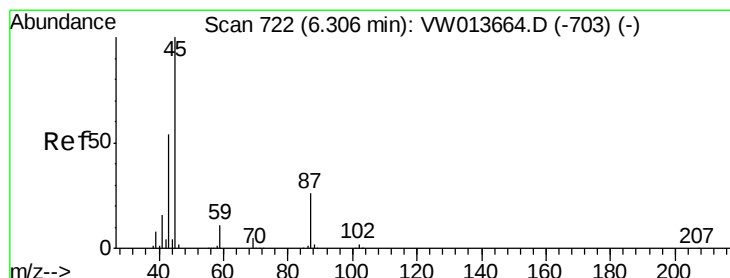
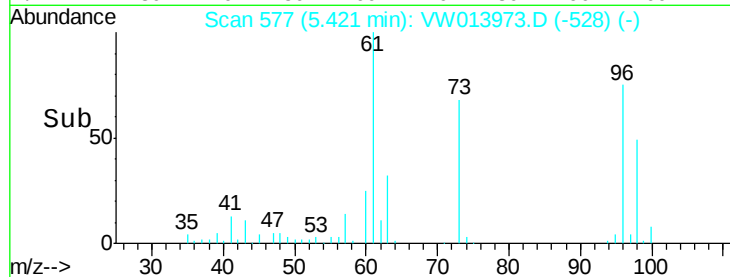
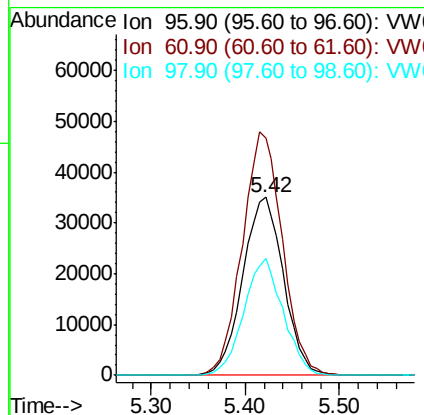
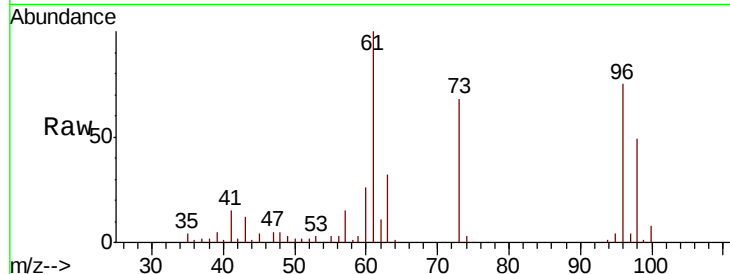
98 65.7 50.6 76.0

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#22

Diisopropyl ether

Concen: 45.562 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion: 45 Resp: 266151

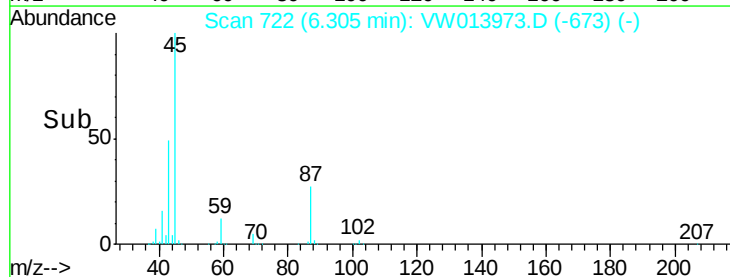
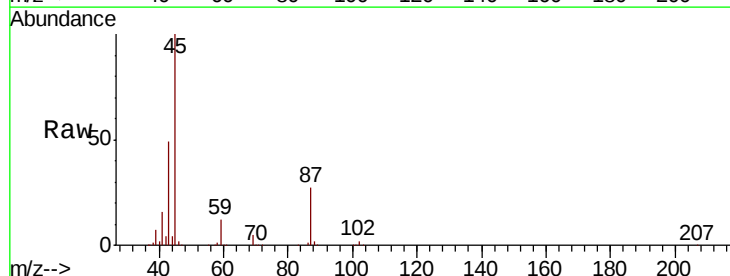
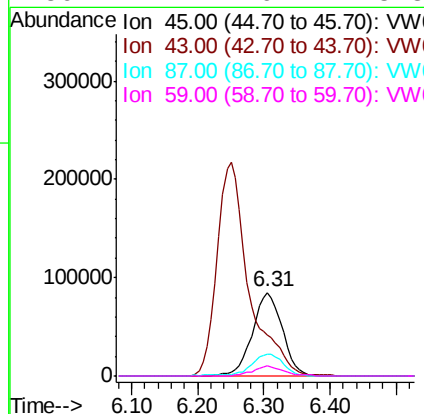
Ion Ratio Lower Upper

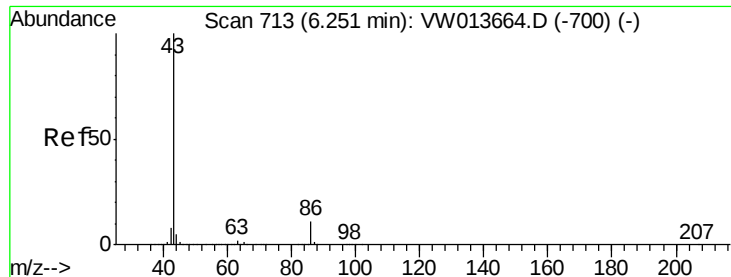
45 100

43 49.0 43.4 65.2

87 26.8 21.5 32.3

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 214.082 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 725625

Ion Ratio Lower Upper

43 100

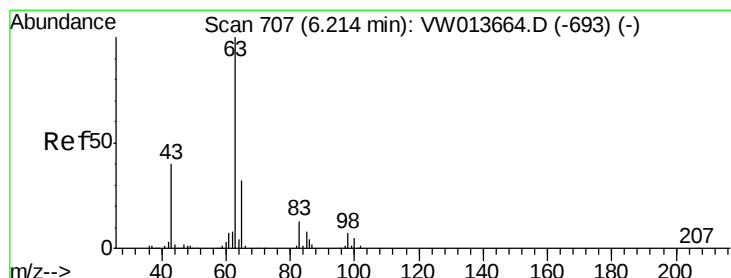
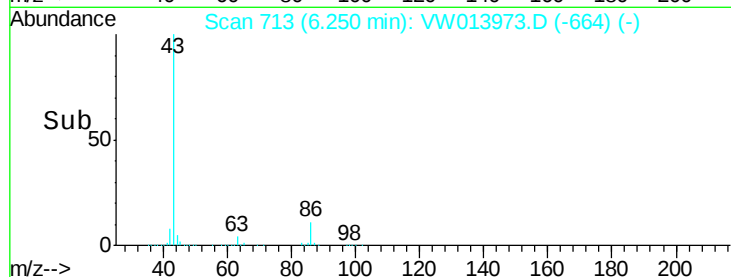
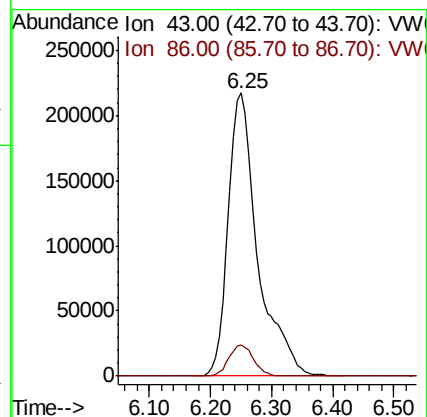
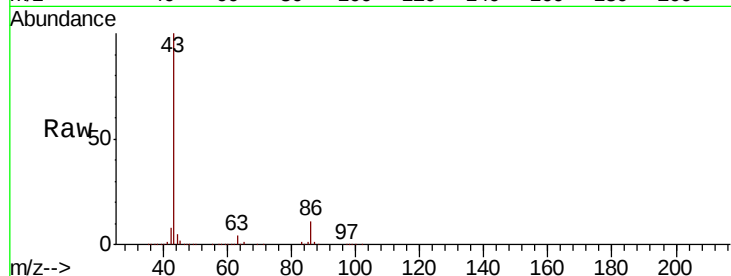
86 11.0 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.506 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

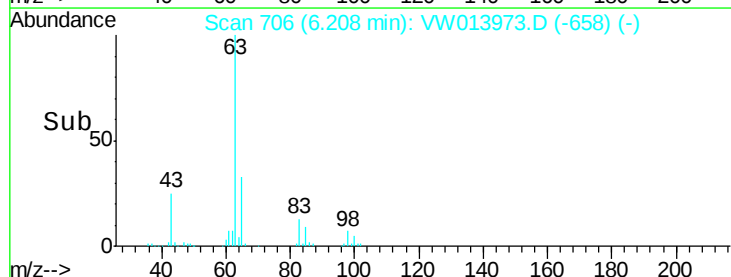
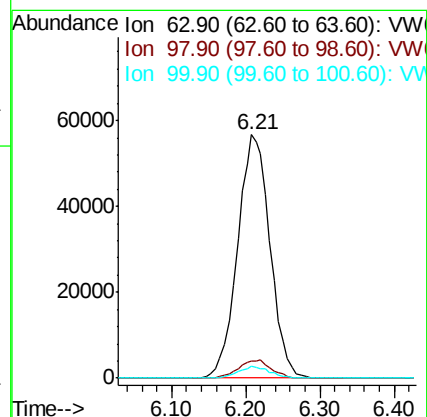
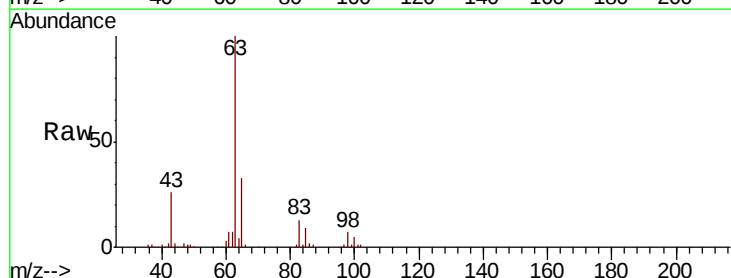
Tgt Ion: 63 Resp: 172049

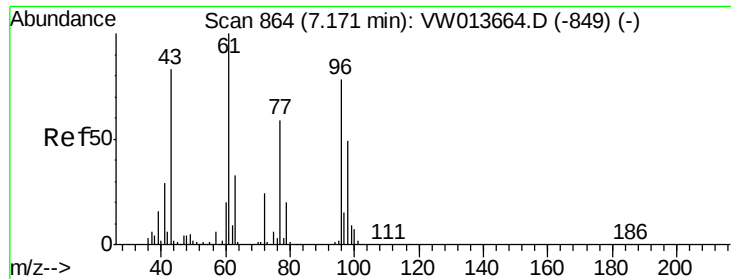
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 228.416 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 121295

Ion Ratio Lower Upper

43 100

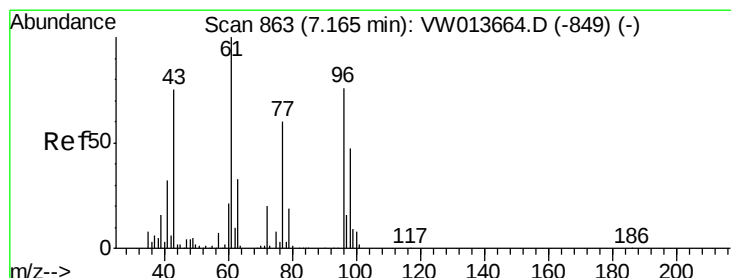
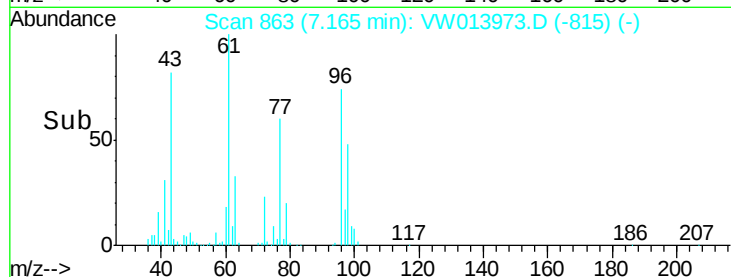
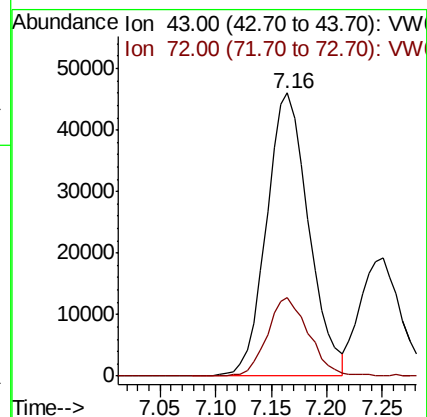
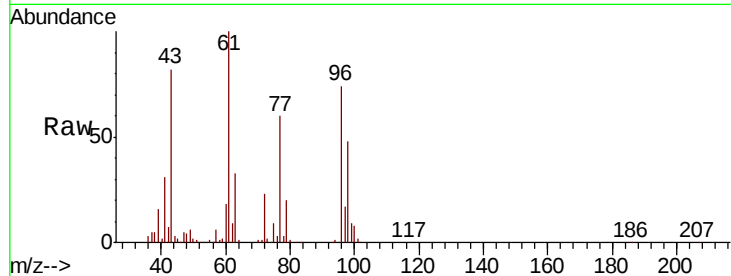
72 28.0 23.6 35.4

Manual Integrations

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11/13/2019 9:33:15 AM



#26

2,2-Dichloropropane

Concen: 45.959 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013973.D

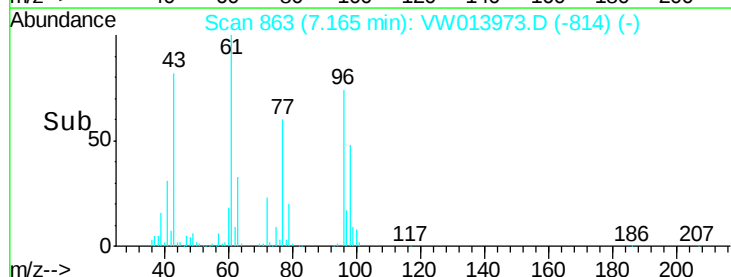
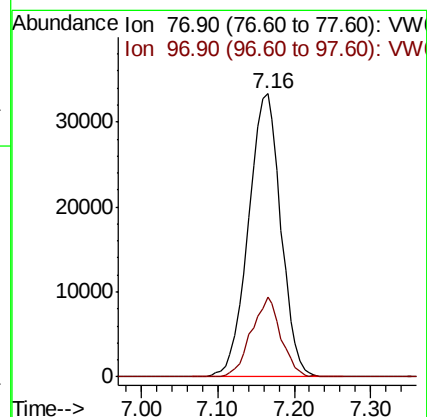
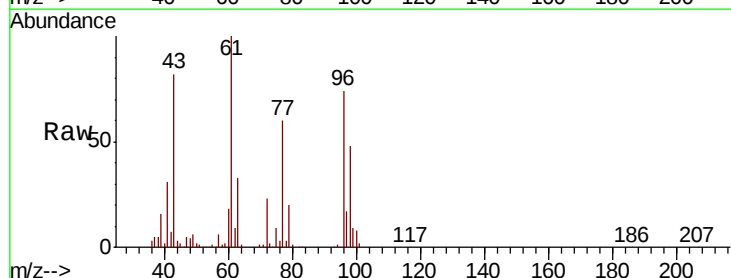
Acq: 12 Nov 2019 14:17

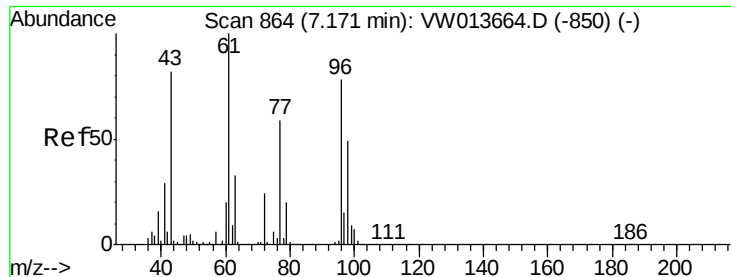
Tgt Ion: 77 Resp: 98318

Ion Ratio Lower Upper

77 100

97 25.6 12.8 38.4





#27

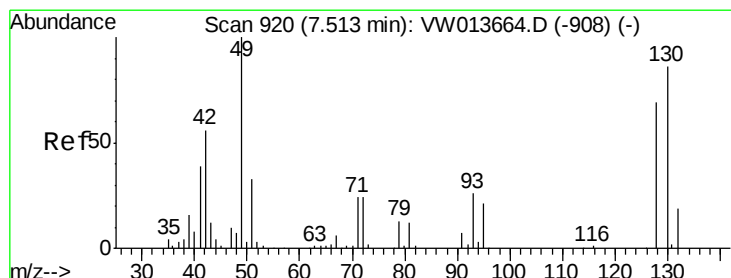
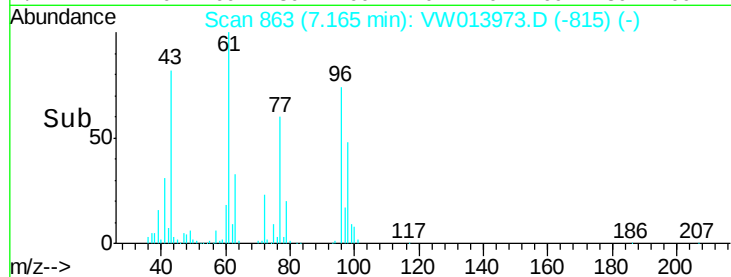
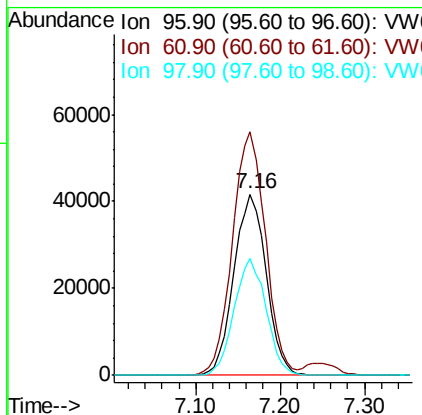
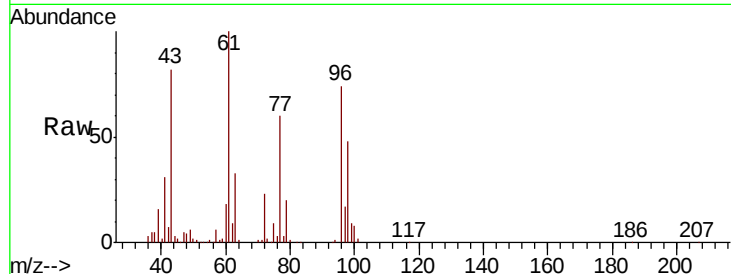
cis-1,2-Dichloroethene
Concen: 45.357 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.8	0.0	266.0	
98	63.9	0.0	126.8	

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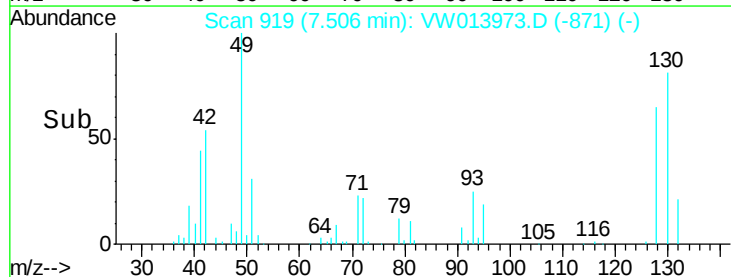
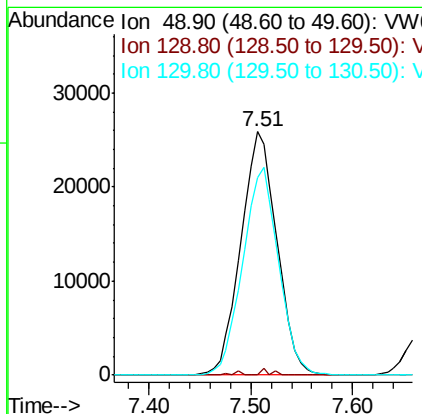
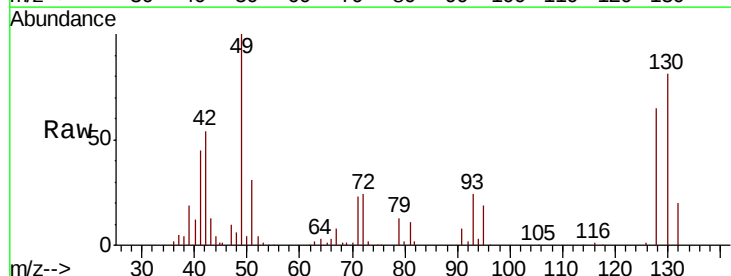
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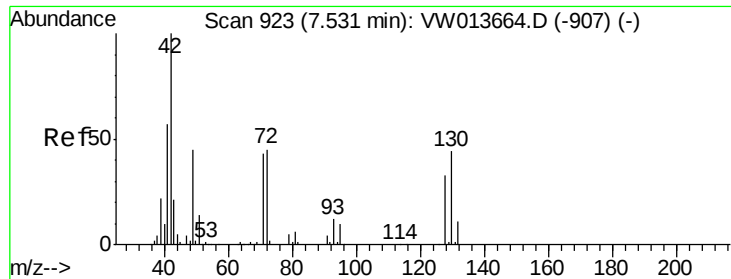


#28

Bromochloromethane
Concen: 48.285 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.7	0.0	0.6#	
130	85.1	67.5	101.3	





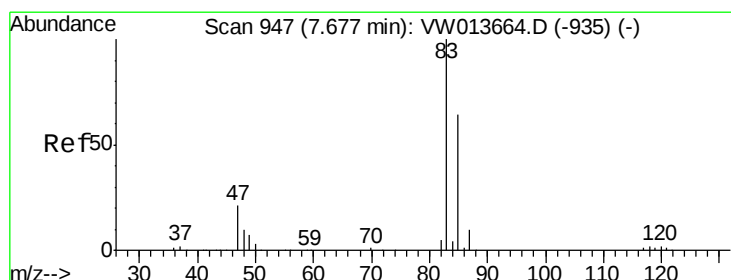
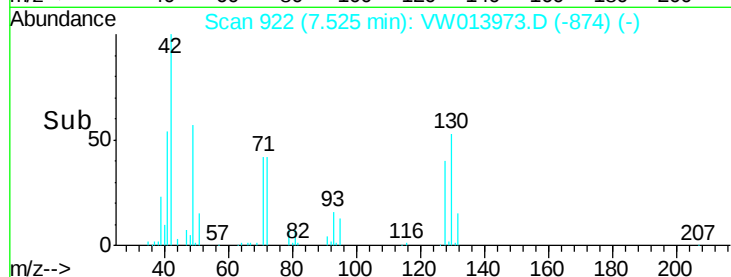
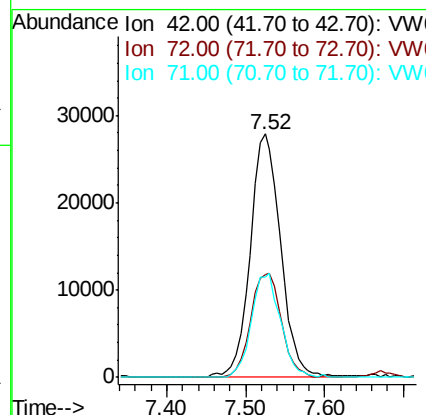
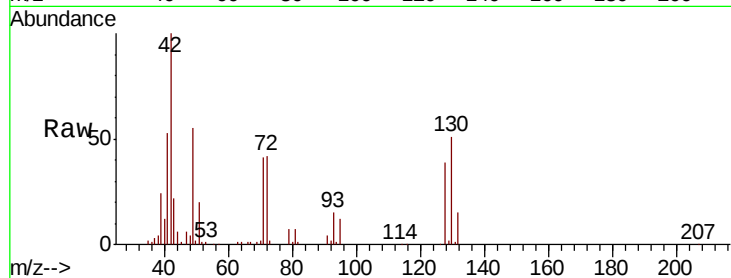
#29
Tetrahydrofuran
Concen: 226.831 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.3	52.9
71	41.2	33.3	49.9

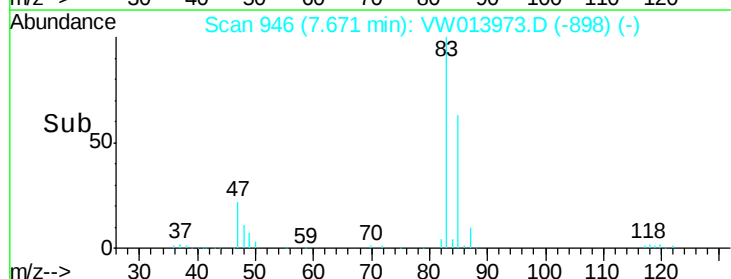
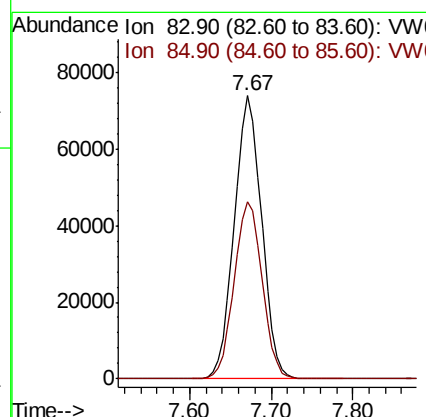
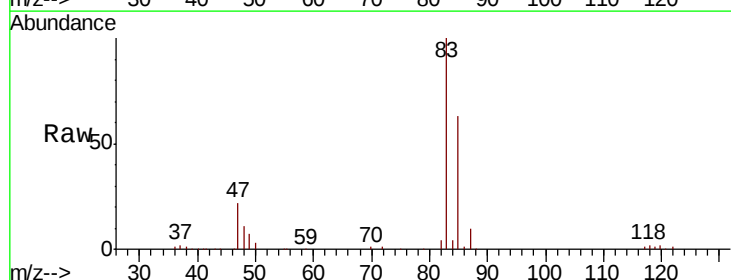
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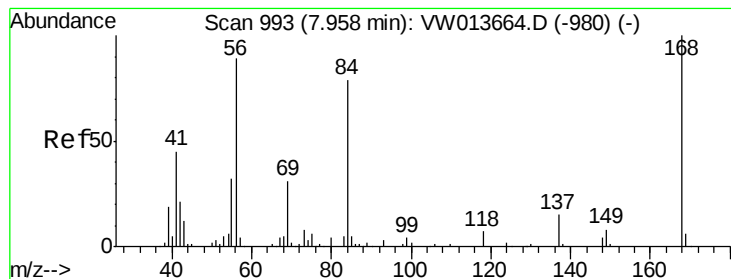
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#30
Chloroform
Concen: 46.656 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.2





#31

Cyclohexane

Concen: 45.590 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 176508

Ion Ratio Lower Upper

56 100

69 33.7 27.5 41.3

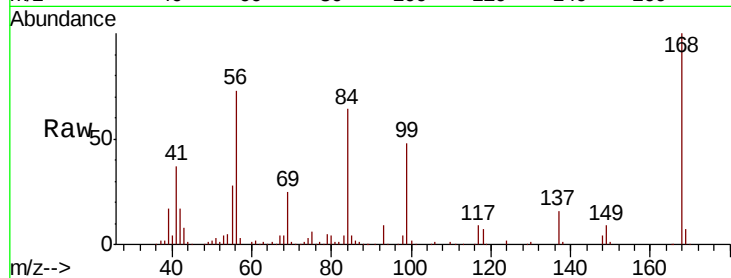
84 86.7 70.8 106.2

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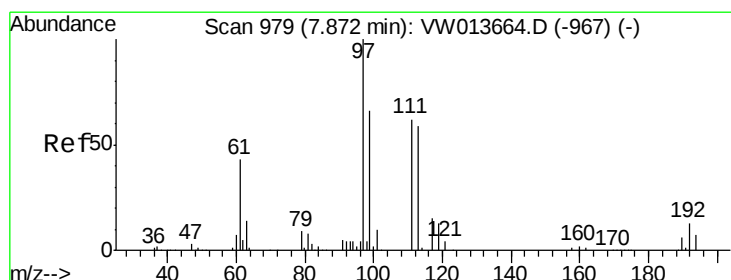
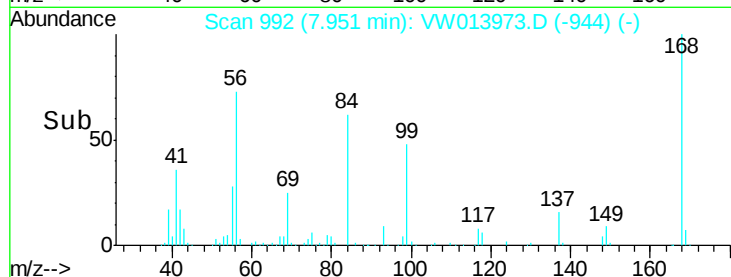
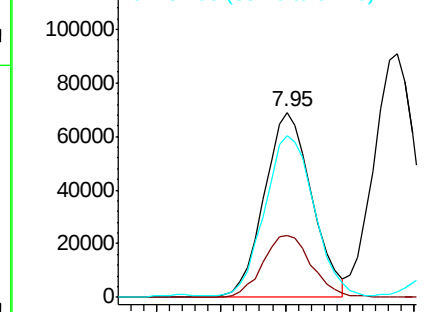
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 48.395 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

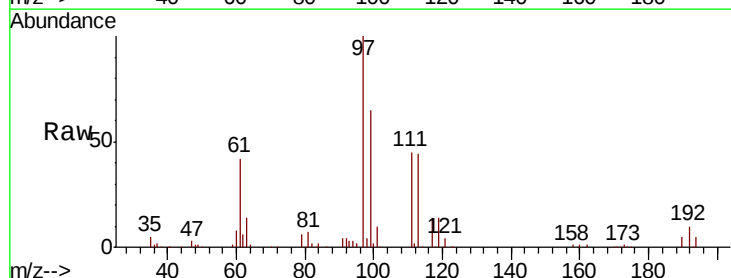
Tgt Ion: 97 Resp: 138891

Ion Ratio Lower Upper

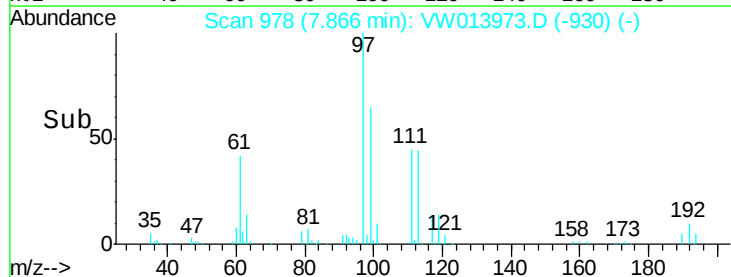
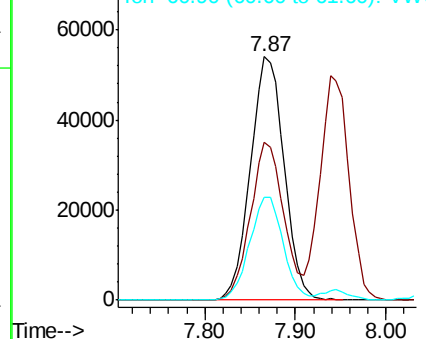
97 100

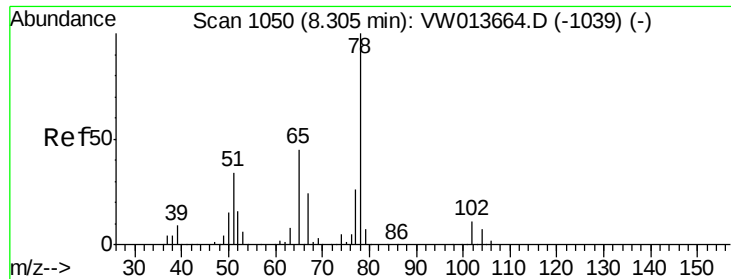
99 64.8 52.0 78.0

61 42.0 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





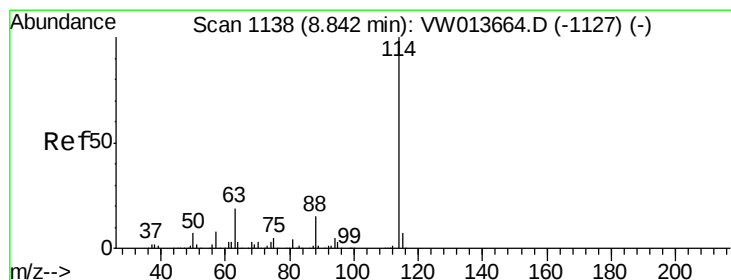
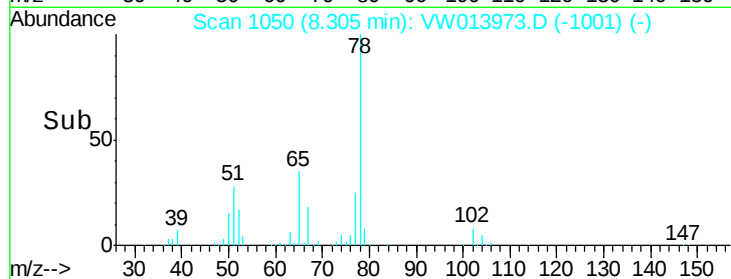
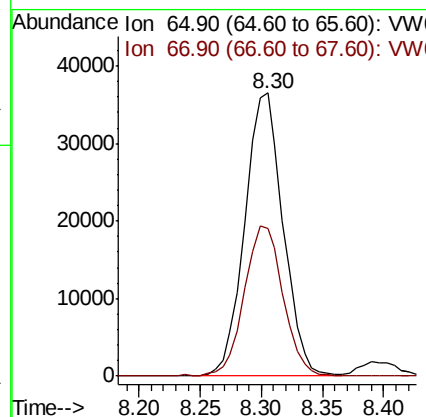
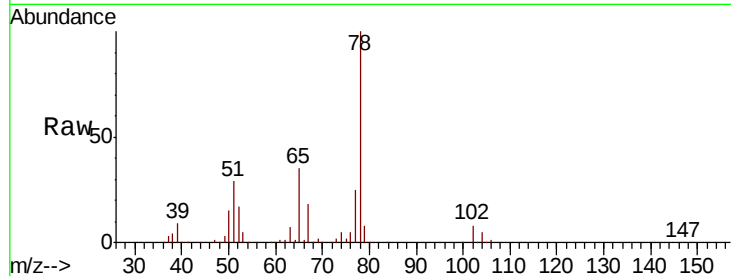
#33
 1,2-Dichloroethane-d4
 Concen: 45.739 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.4

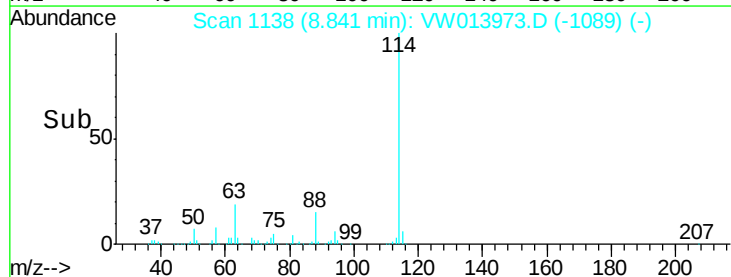
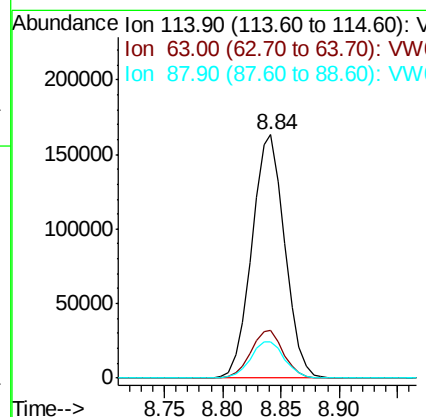
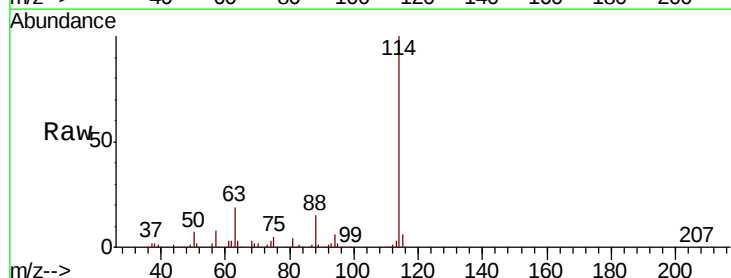
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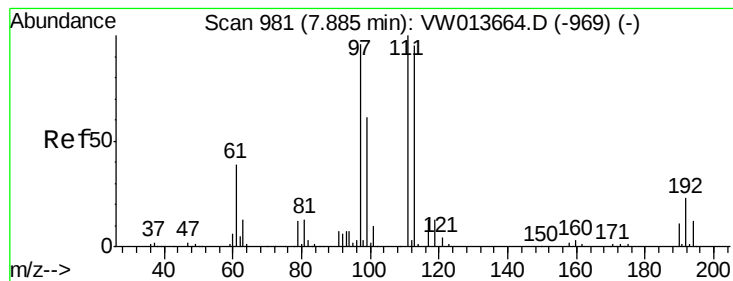
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.6
88	14.7	0.0	30.2





#35

Dibromofluoromethane

Concen: 48.568 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

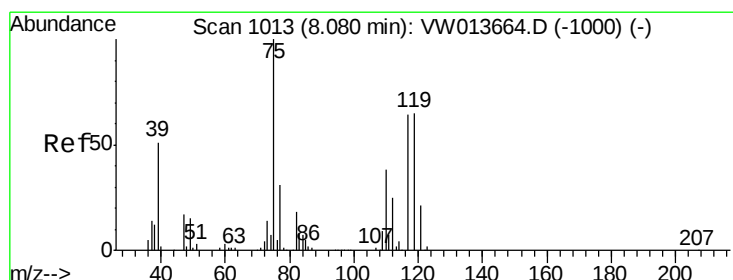
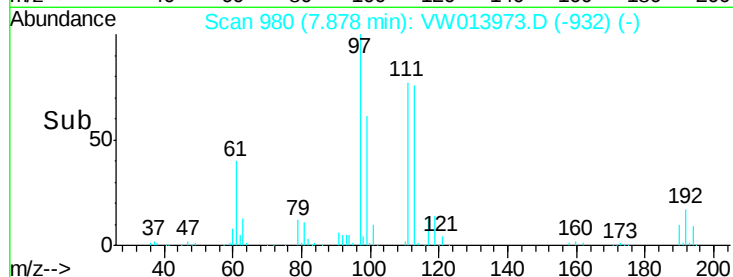
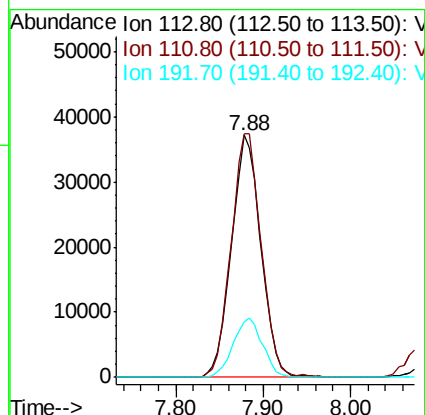
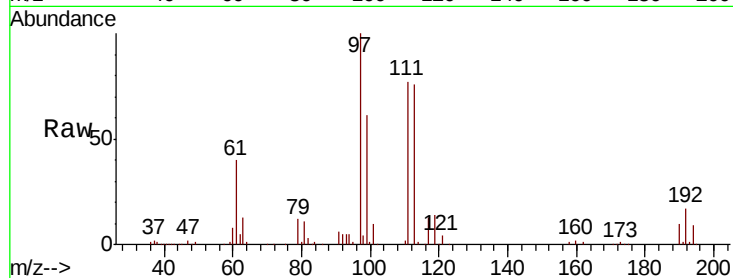
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	86861
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	24.4	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 49.192 ug/l

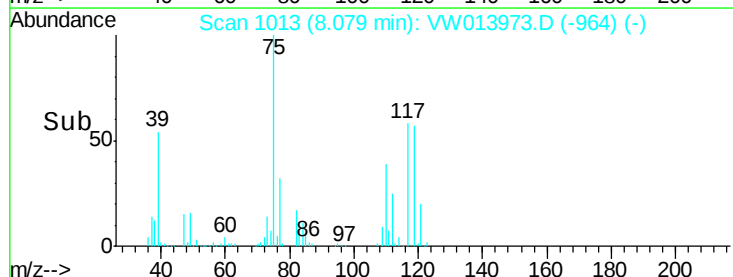
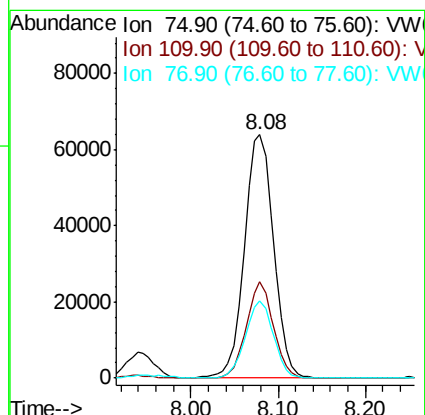
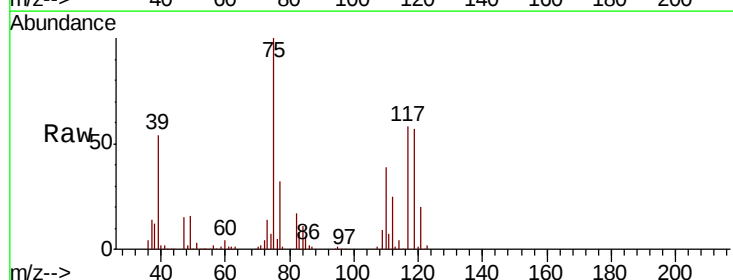
RT: 8.08 min Scan# 1013

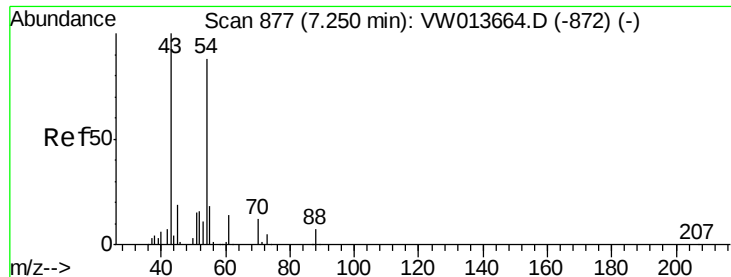
Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	75	Resp:	147452
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.7	56.1
77	30.6	25.4	38.0





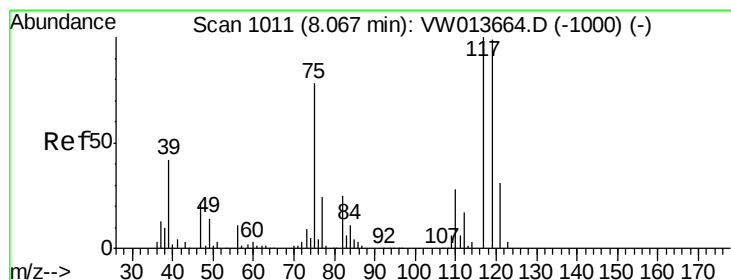
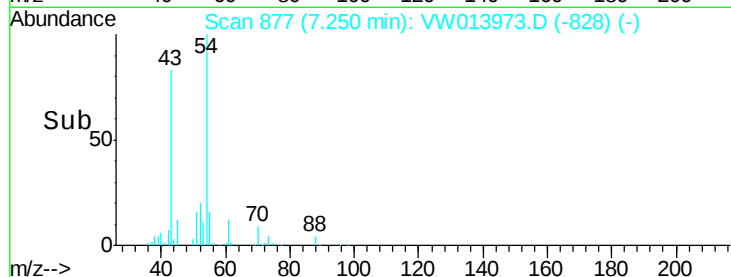
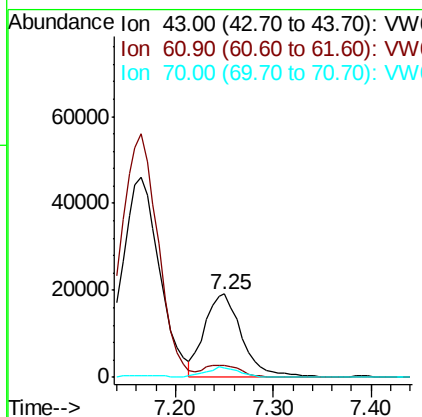
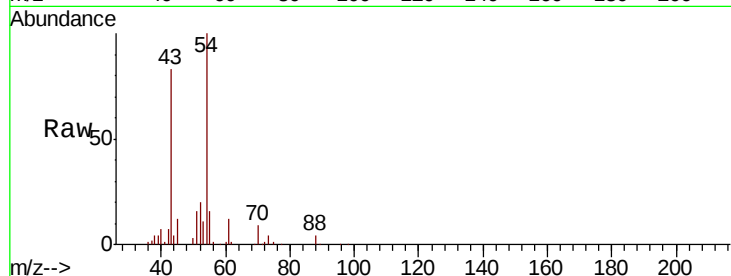
#37
Ethyl Acetate
Concen: 43.274 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.7	17.5
70	10.9	8.8	13.2

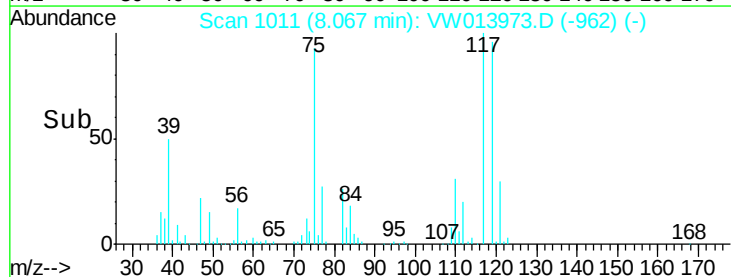
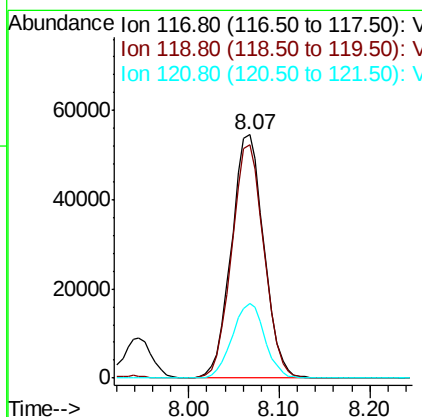
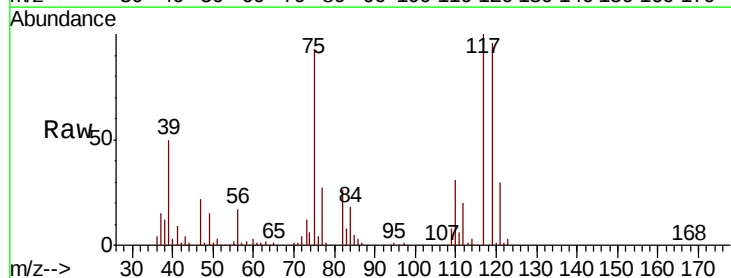
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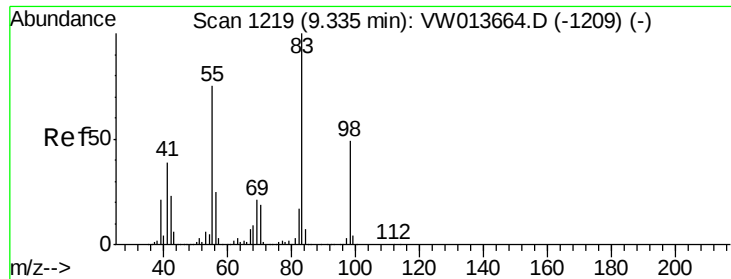
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#38
Carbon Tetrachloride
Concen: 50.131 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.0	118.4
121	30.5	24.5	36.7





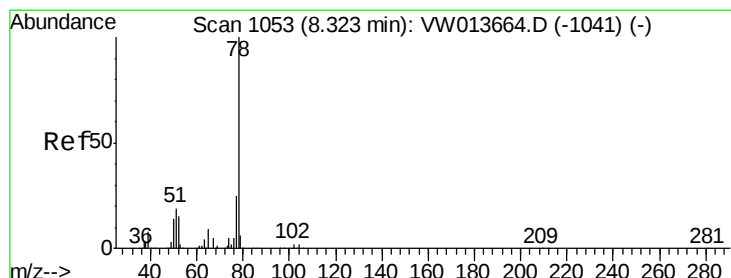
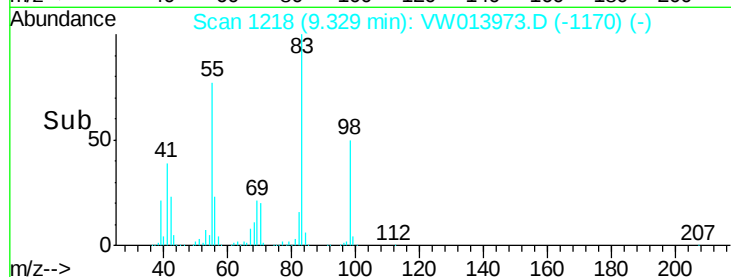
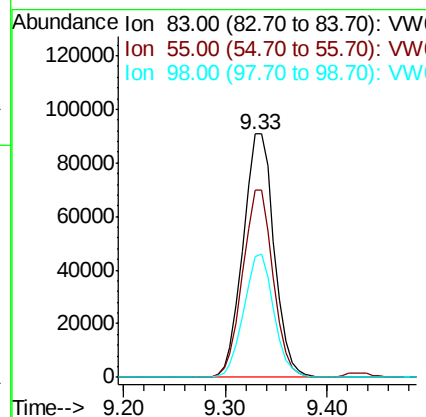
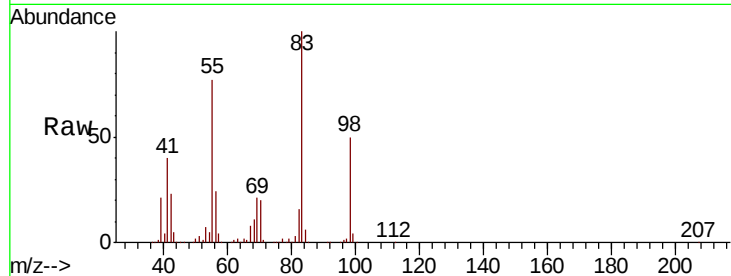
#39
Methvlcvclohexane
Concen: 49.696 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	192373
Ion Ratio	Lower	Upper	
83	100		
55	76.9	59.9	89.9
98	49.8	39.4	59.2

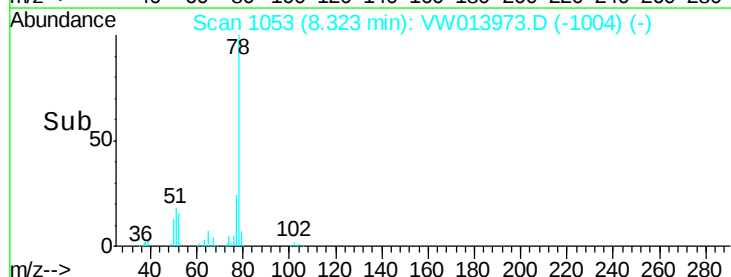
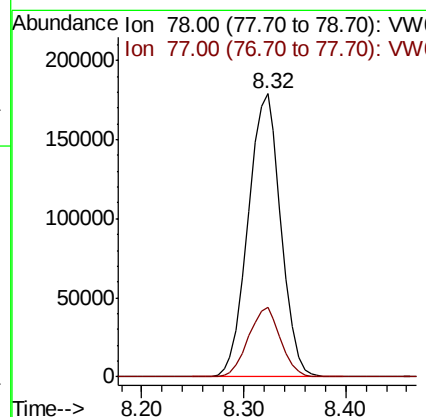
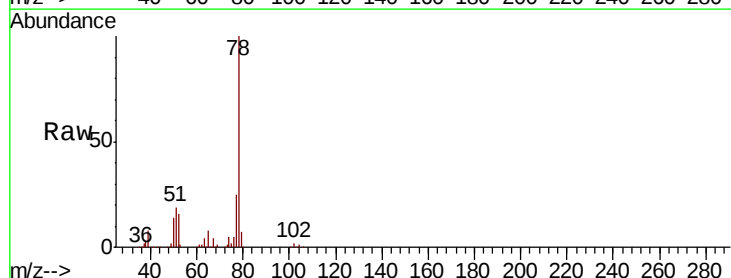
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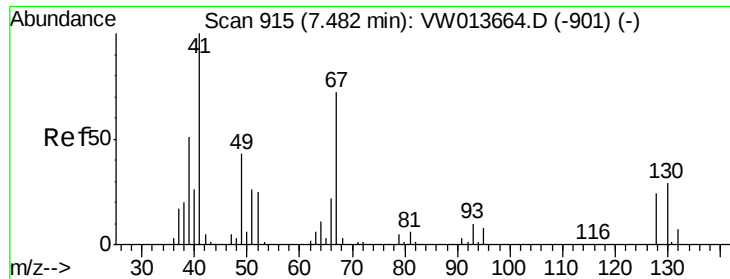
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#40
Benzene
Concen: 47.053 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	78	Resp	399147
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.6	29.4





#41

Methacrylonitrile

Concen: 38.778 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 27747

Ion Ratio Lower Upper

41 100

39 58.6 44.8 67.2

67 77.1 59.3 88.9

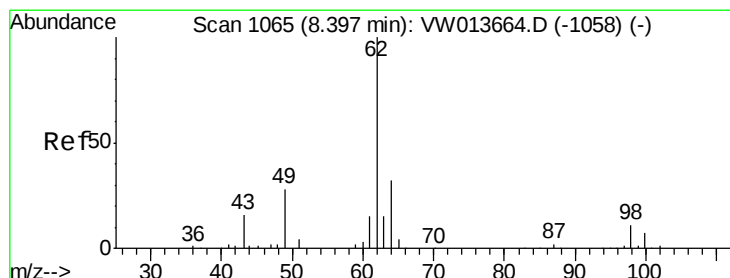
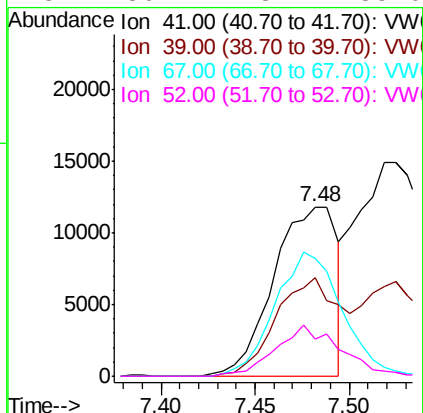
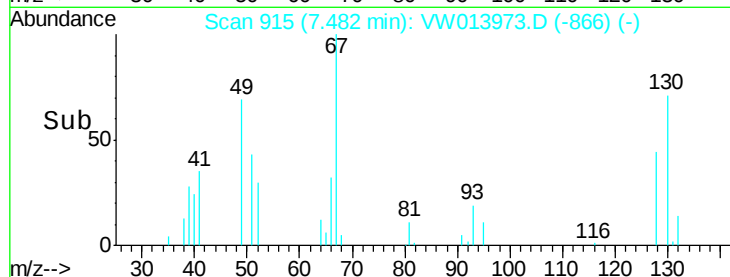
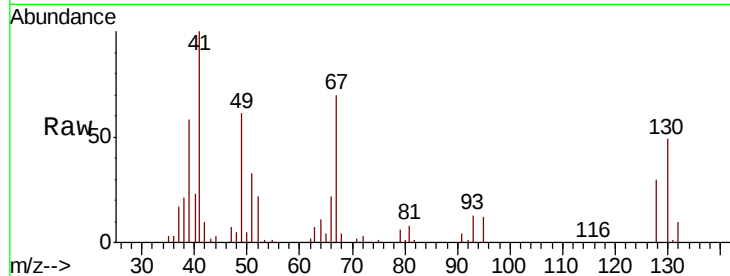
52 30.7 23.4 35.0

Manual Integrations

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MMDadoda

11/13/2019 9:33:15 AM



#42

1,2-Dichloroethane

Concen: 44.030 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013973.D

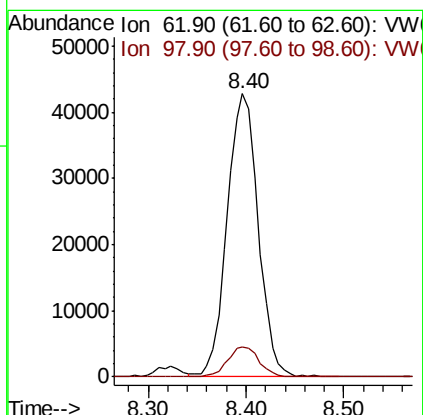
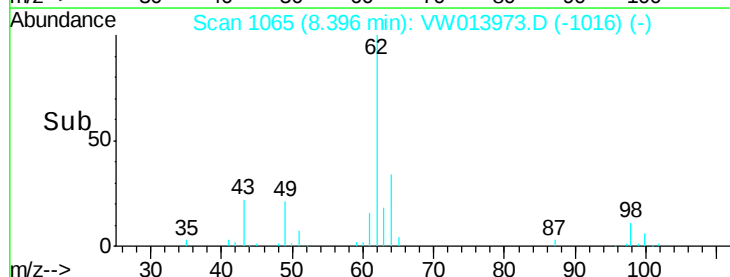
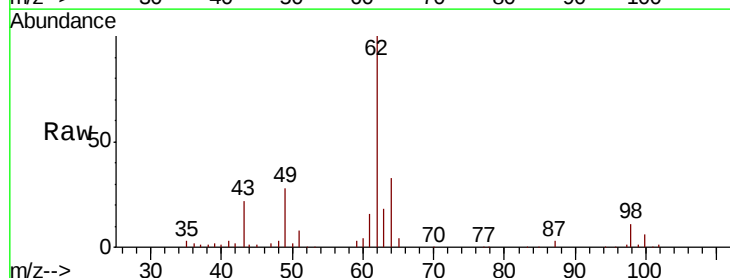
Acq: 12 Nov 2019 14:17

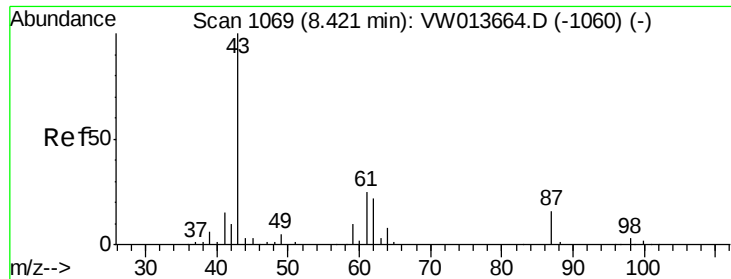
Tgt Ion: 62 Resp: 94121

Ion Ratio Lower Upper

62 100

98 10.7 0.0 22.4





#43

Isopropyl Acetate

Concen: 43.185 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

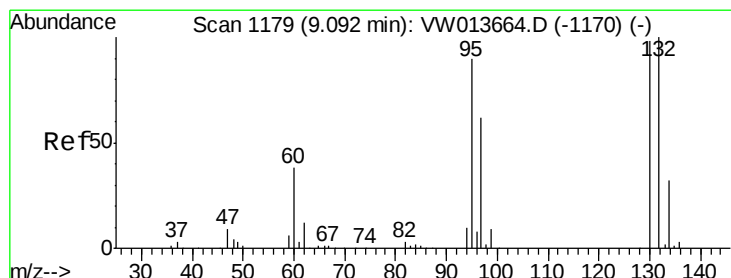
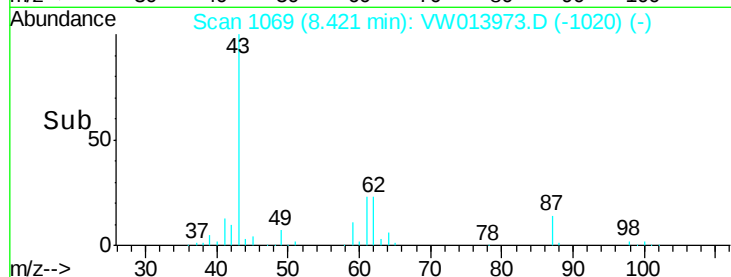
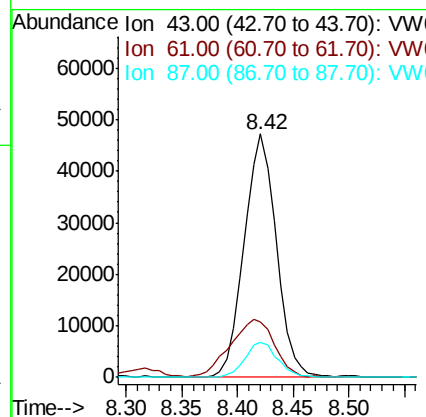
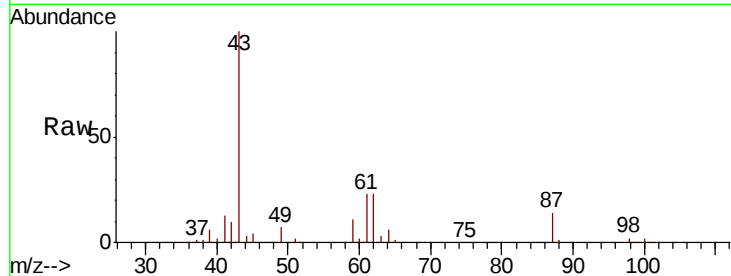
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	94850
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.1	39.1
87	14.6	11.4	17.0

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#44

Trichloroethene

Concen: 47.252 ug/l

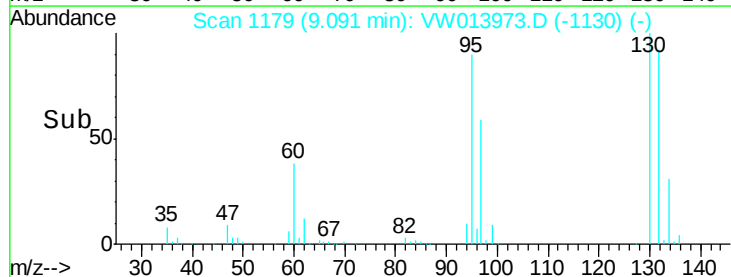
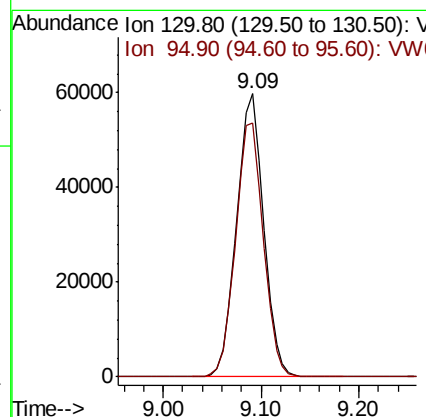
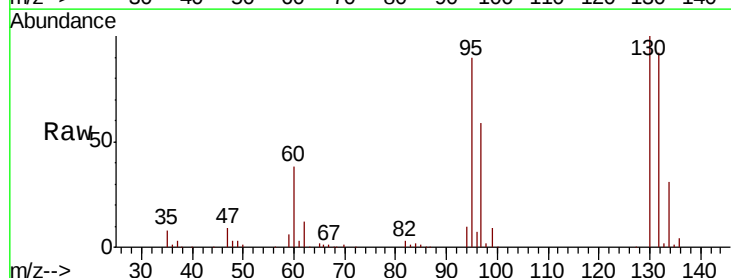
RT: 9.09 min Scan# 1179

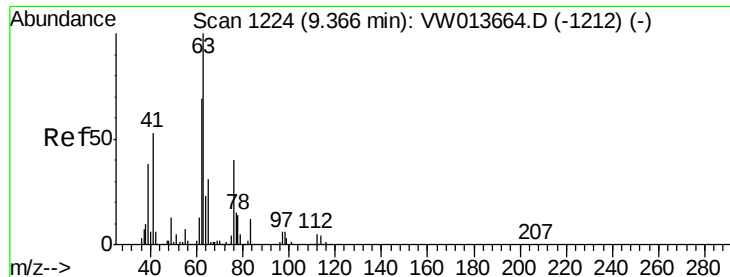
Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	130	Resp:	114819
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	184.6





#45

1,2-Dichloropropane

Concen: 45.940 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 93085

Ion Ratio Lower Upper

63 100

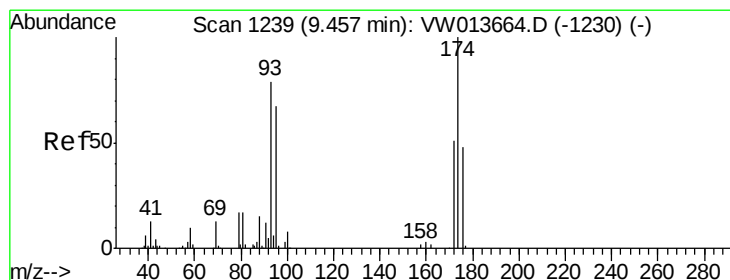
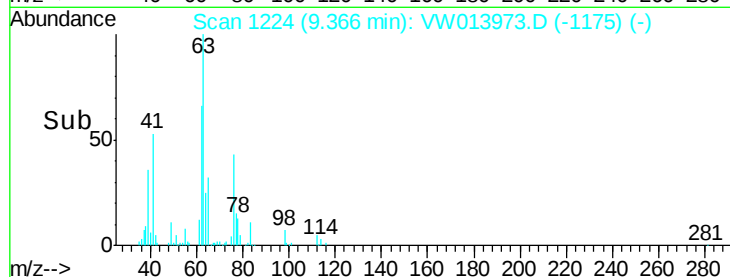
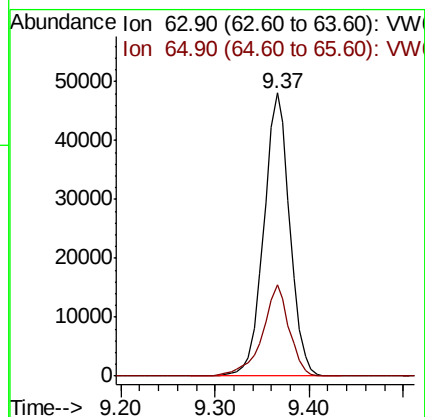
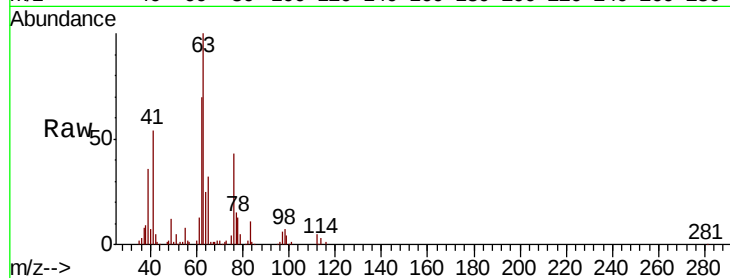
65 32.5 25.2 37.8

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#46

Dibromomethane

Concen: 44.236 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

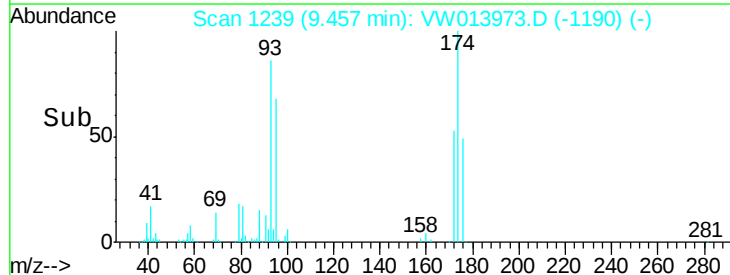
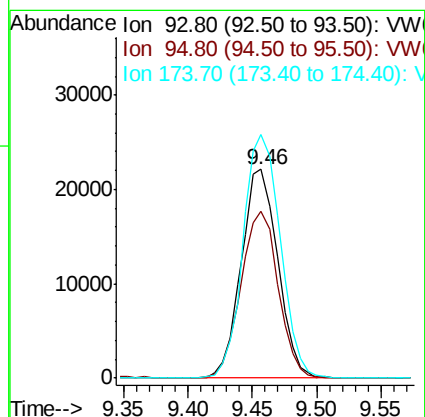
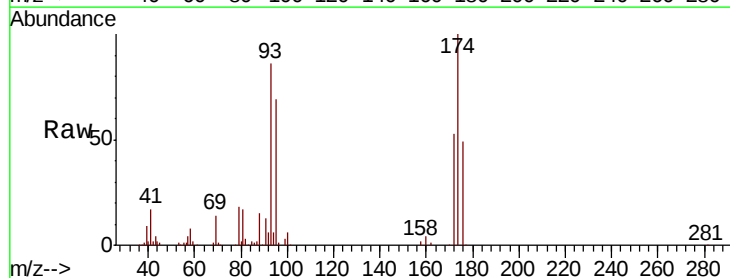
Tgt Ion: 93 Resp: 43503

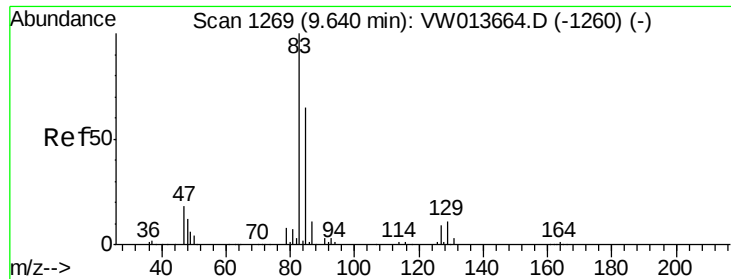
Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

174 118.8 99.6 149.4





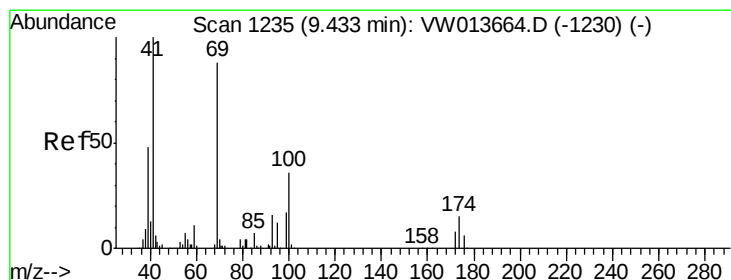
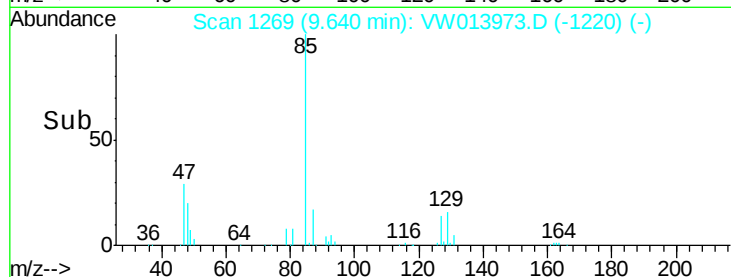
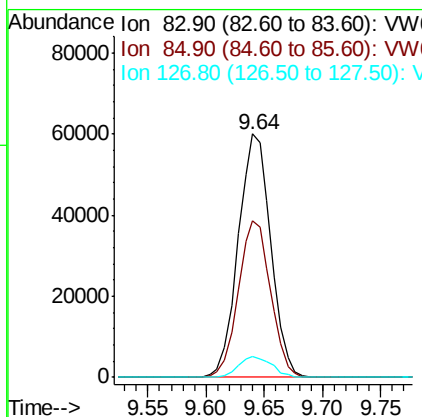
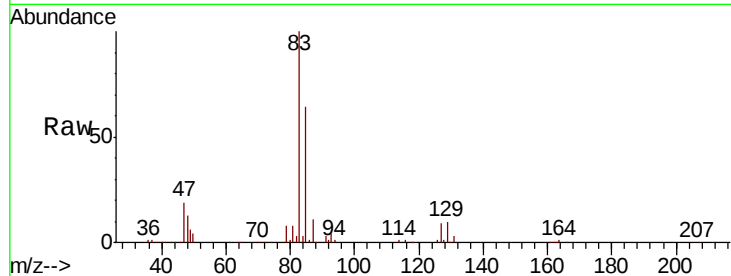
#47
 Bromodichloromethane
 Concen: 45.924 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	116856		
85	64.2		51.8	77.6
127	8.8		7.3	10.9

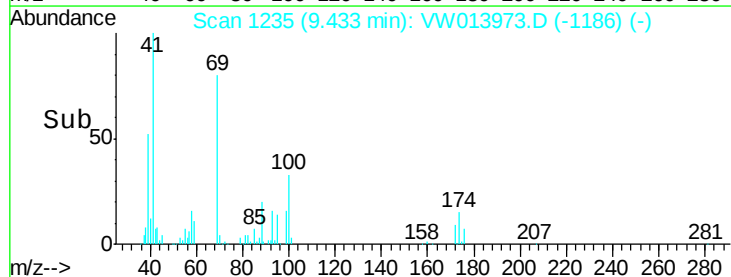
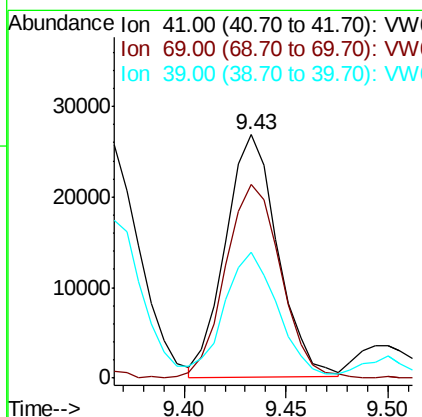
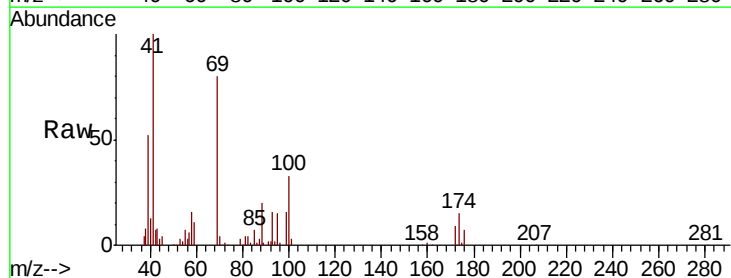
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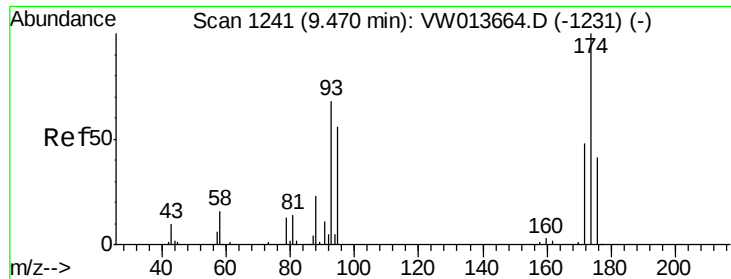
MMDadoda
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#48
 Methyl methacrylate
 Concen: 43.702 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	47599		
69	85.1		67.6	101.4
39	49.8		38.6	58.0





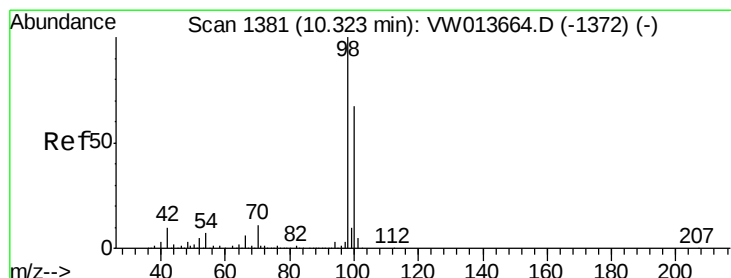
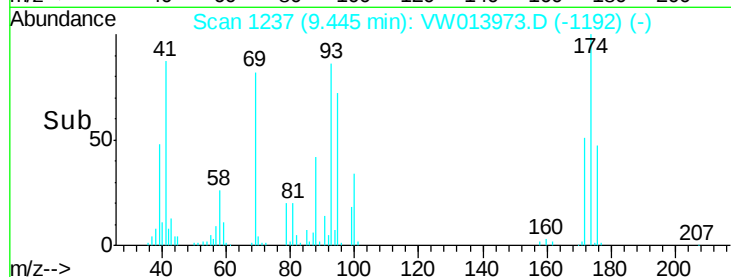
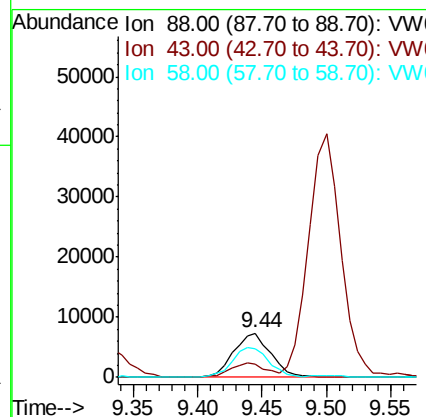
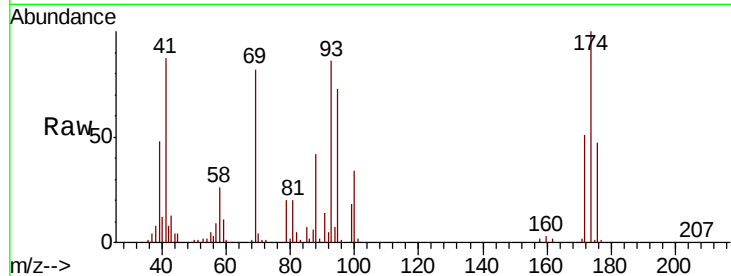
#49
1,4-Dioxane
Concen: 1019.249 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	14812
Ion	Ratio	Lower	Upper
88	100		
43	30.5	0.0	0.0#
58	67.2	58.9	88.3

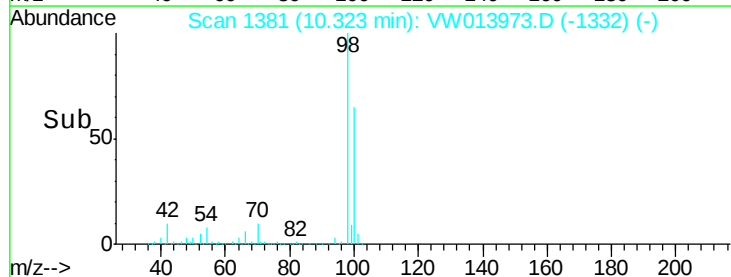
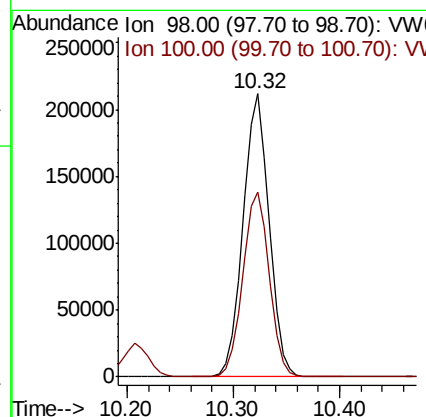
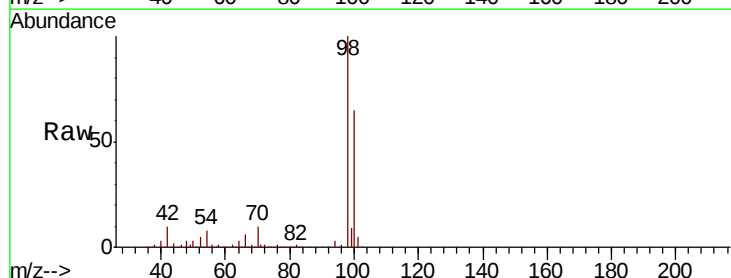
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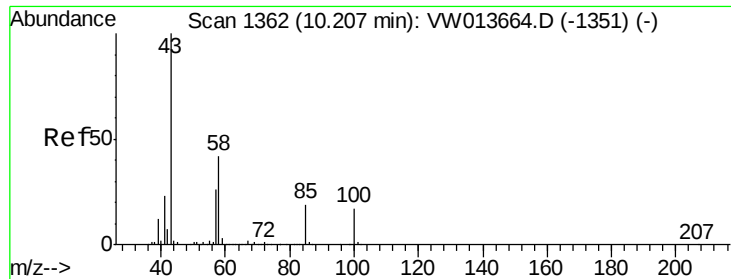
MMDadoda
11/13/2019 9:33:15 AM



#50
Toluene-d8
Concen: 49.940 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	98	Resp	363935
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 221.419 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 241660

Ion Ratio Lower Upper

43 100

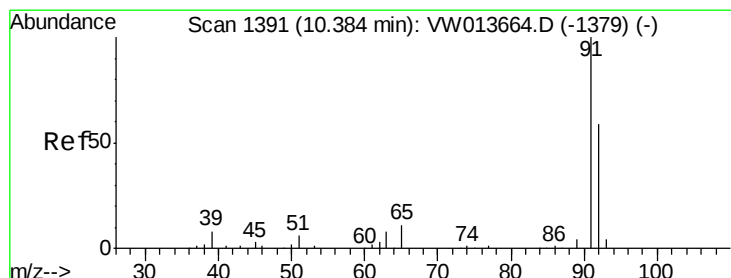
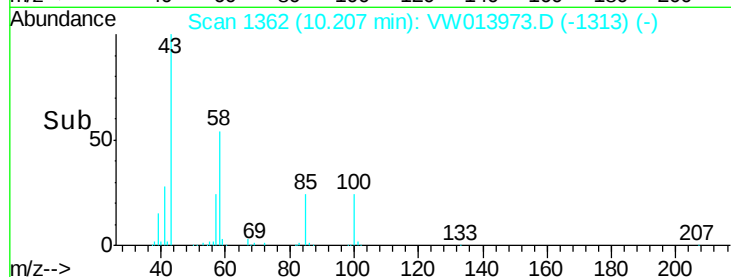
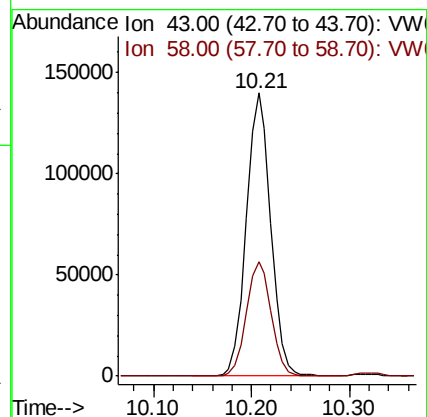
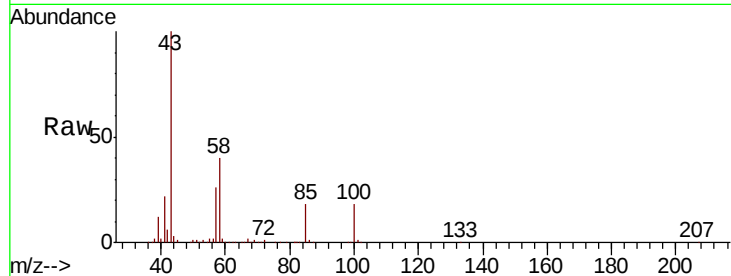
58 41.0 32.6 49.0

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#52

Toluene

Concen: 47.318 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013973.D

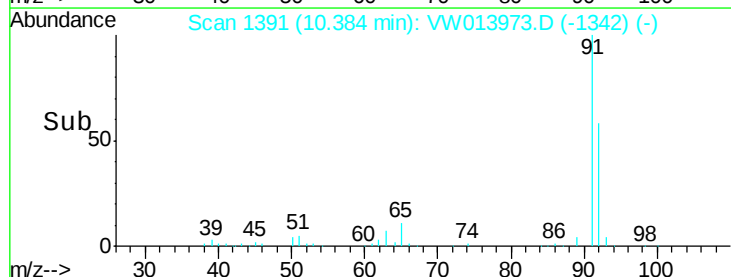
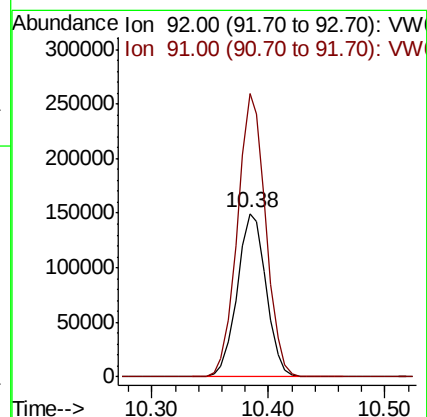
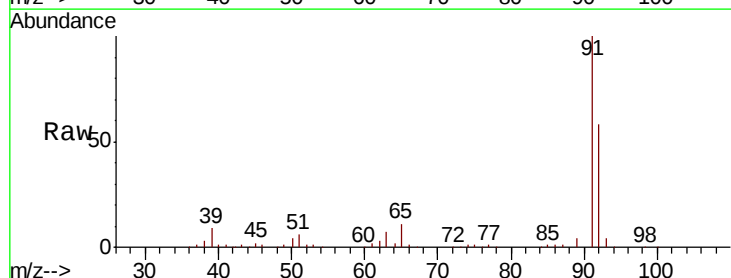
Acq: 12 Nov 2019 14:17

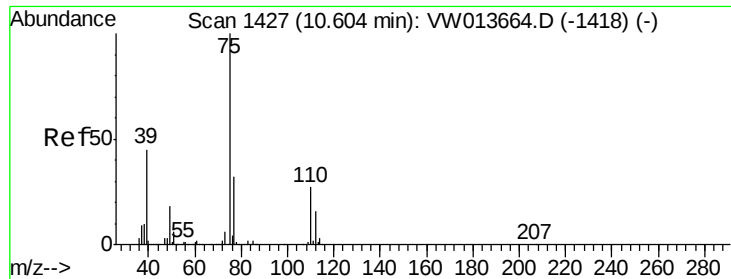
Tgt Ion: 92 Resp: 258919

Ion Ratio Lower Upper

92 100

91 169.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 44.551 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 114761

Ion Ratio Lower Upper

75 100

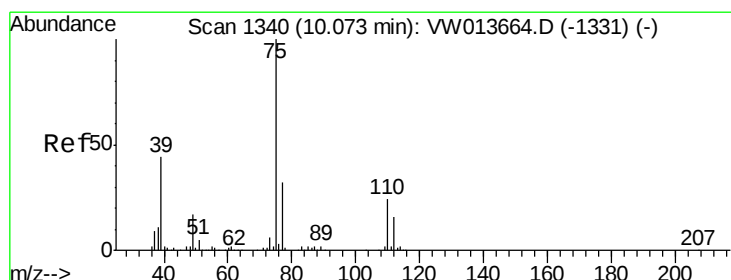
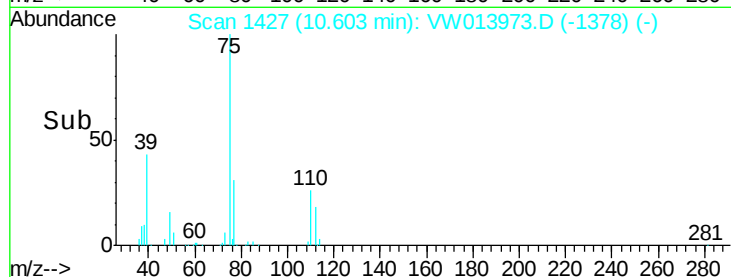
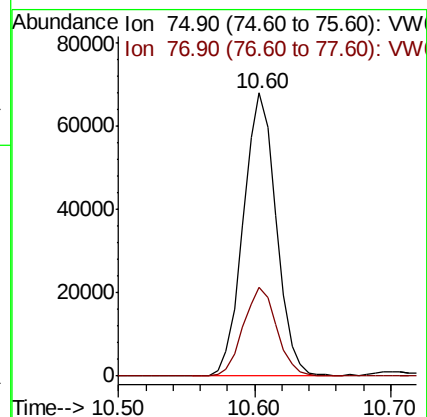
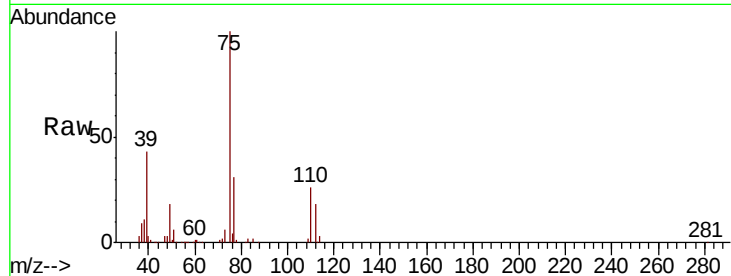
77 31.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 45.566 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

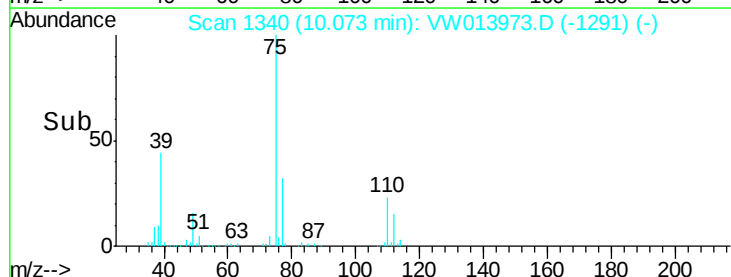
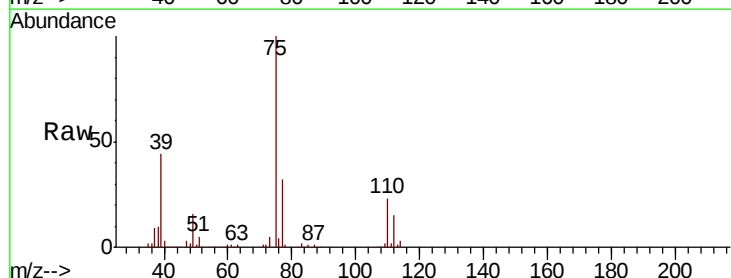
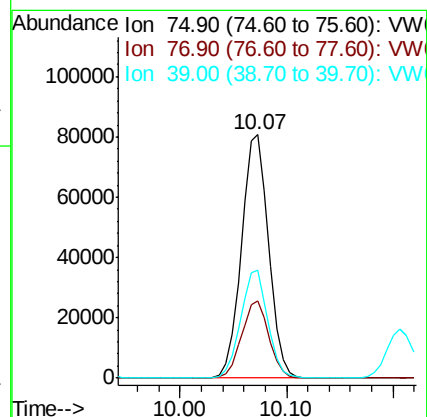
Tgt Ion: 75 Resp: 144814

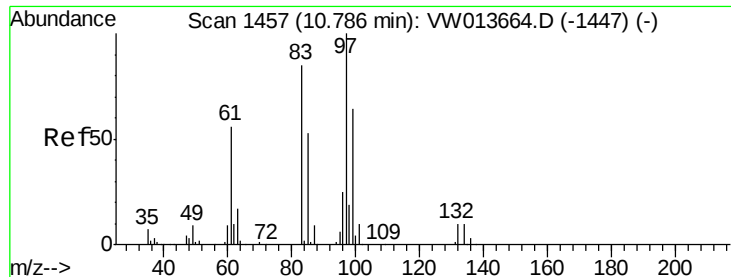
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 44.4 35.3 52.9





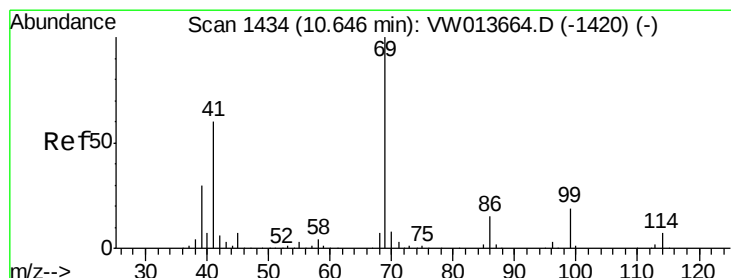
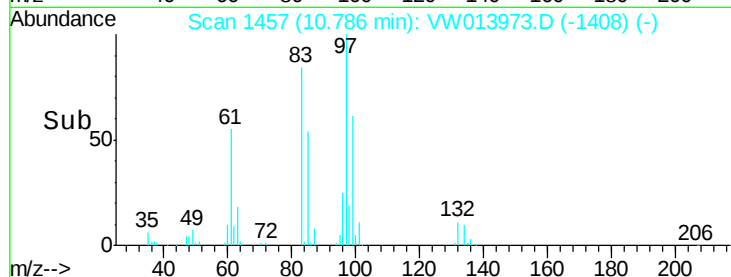
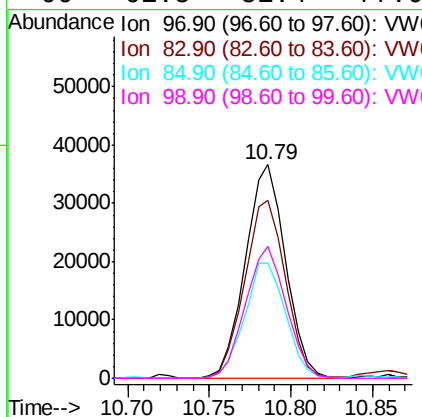
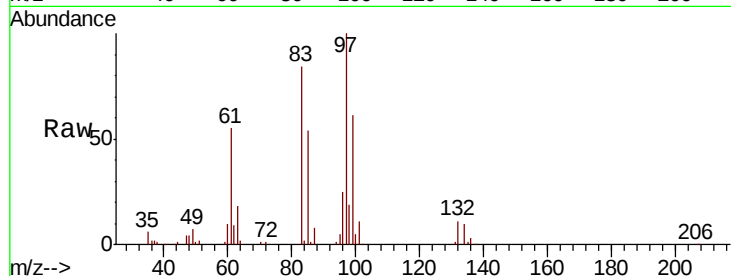
#55
 1,1,2-Trichloroethane
 Concen: 42.709 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.8	101.8
85	54.0	42.1	63.1
99	61.5	51.4	77.0

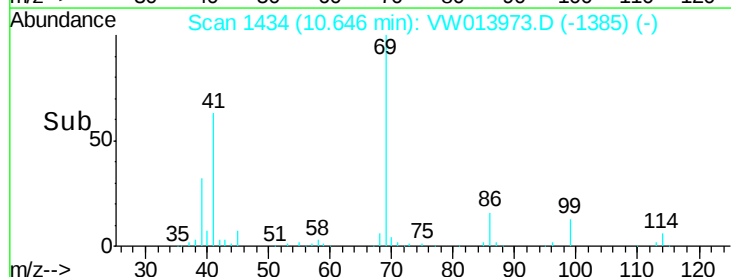
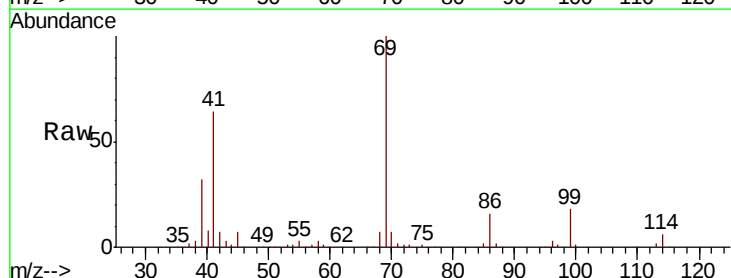
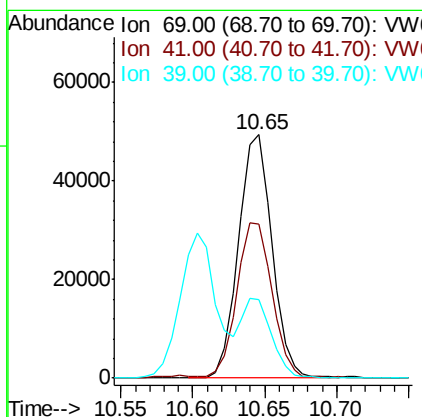
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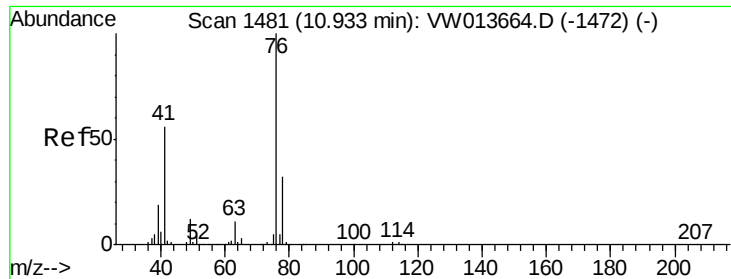
MMDadoda
 11/13/2019 9:33:15 AM



#56
 Ethyl methacrylate
 Concen: 43.693 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.5	51.6	77.4
39	29.0	22.4	33.6





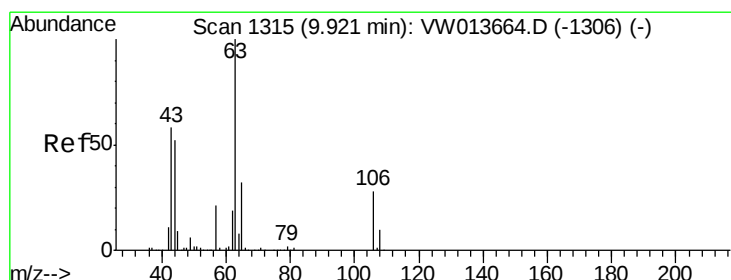
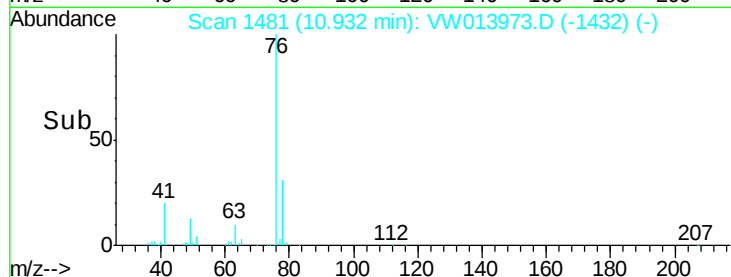
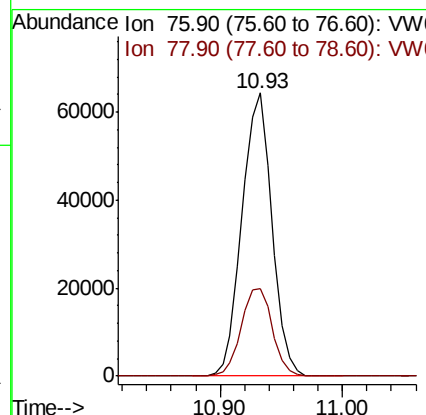
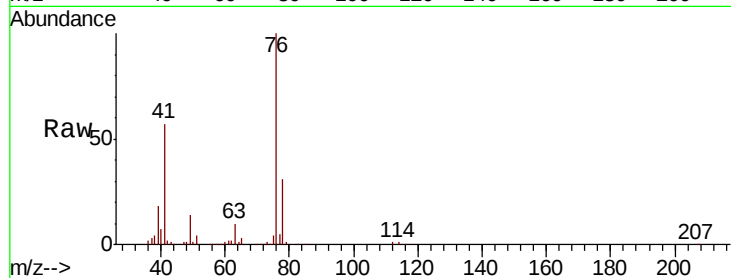
#57
 1,3-Dichloropropane
 Concen: 43.411 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 109185
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

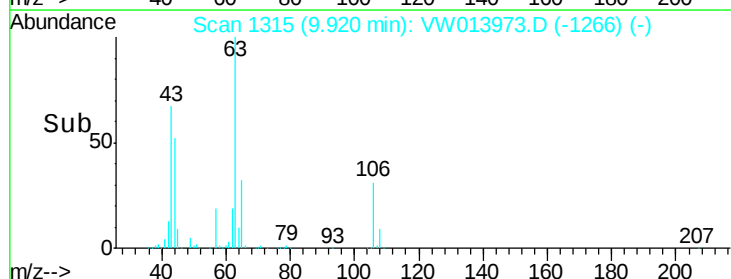
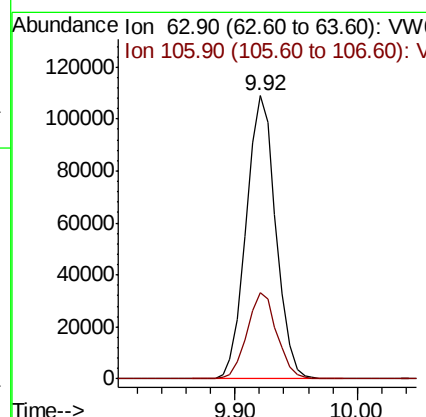
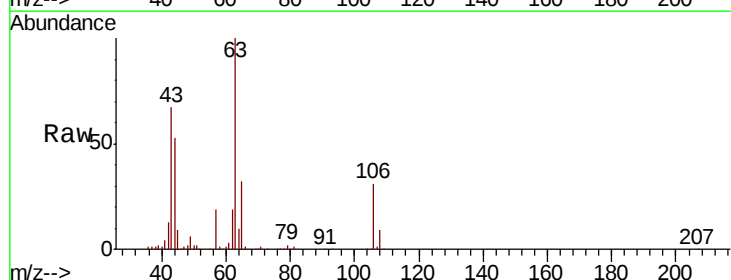
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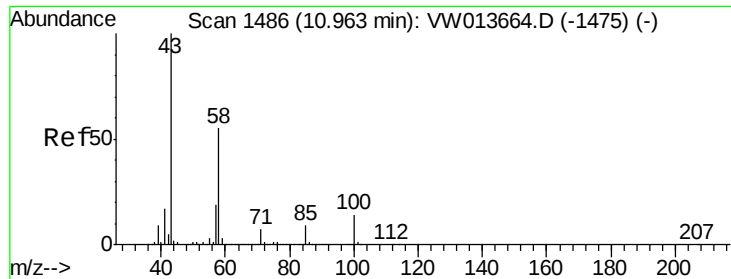
MMDadoda
 11/13/2019 9:33:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 217.341 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion: 63 Resp: 183424
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.8 35.8





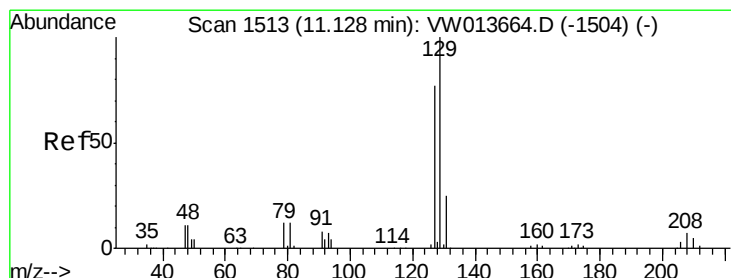
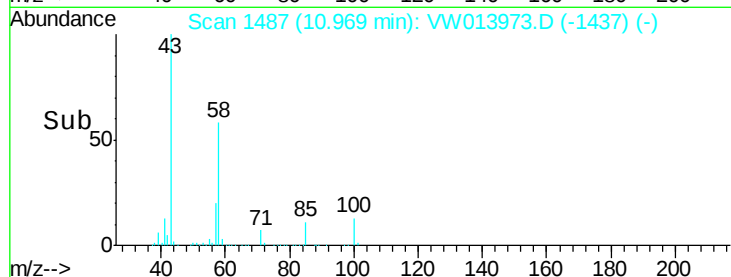
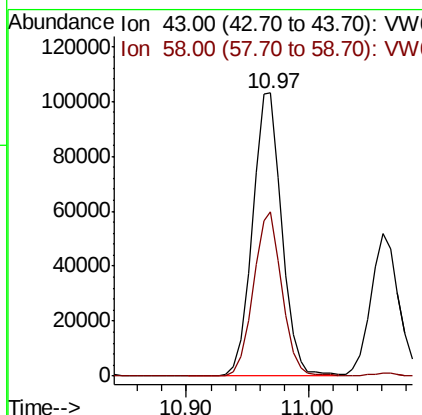
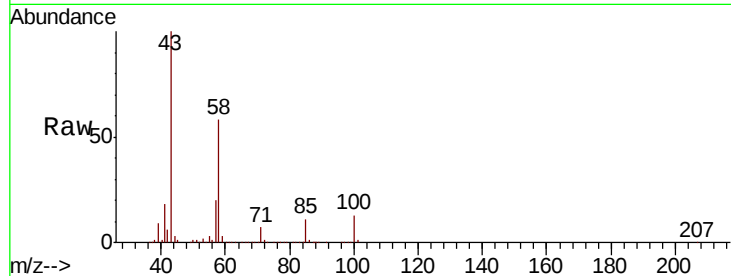
#59
2-Hexanone
Concen: 228.582 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 171988
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.7

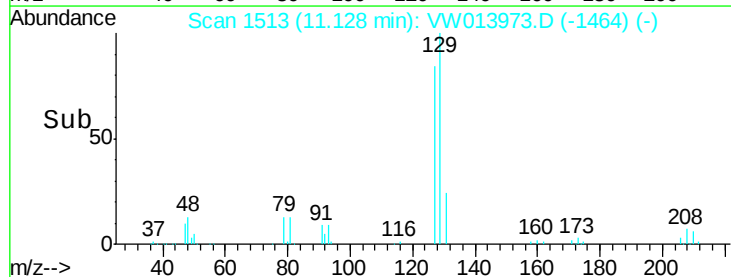
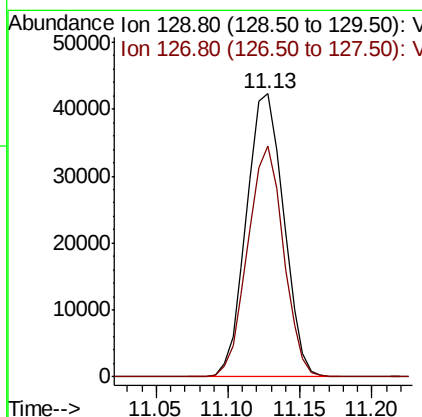
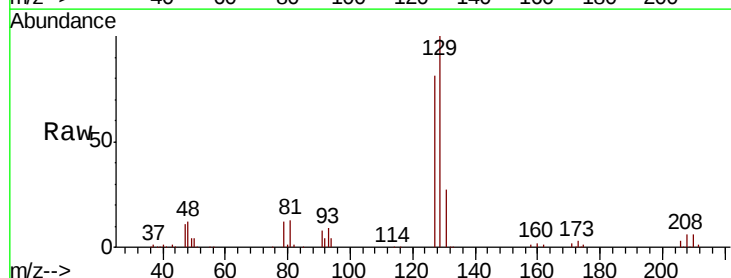
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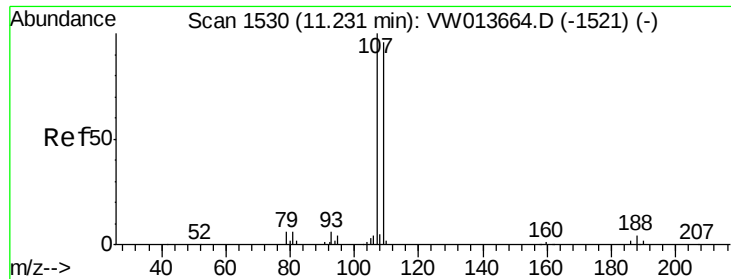
MMDadoda
11/13/2019 9:33:15 AM



#60
Dibromochloromethane
Concen: 43.690 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion: 129 Resp: 76028
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 42.689 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 59193

Ion Ratio Lower Upper

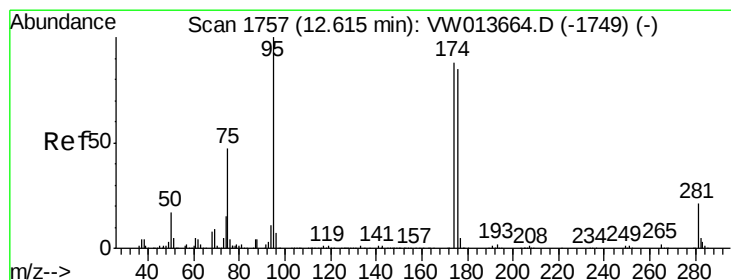
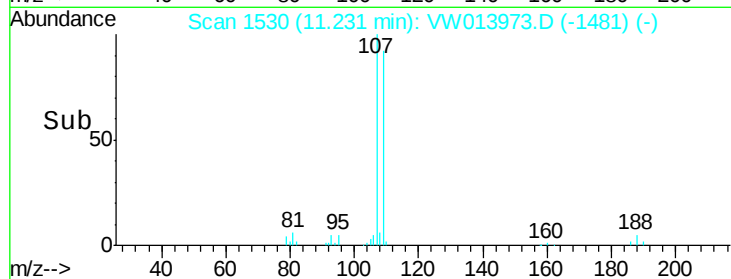
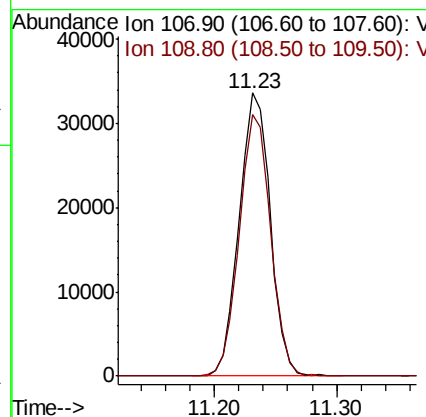
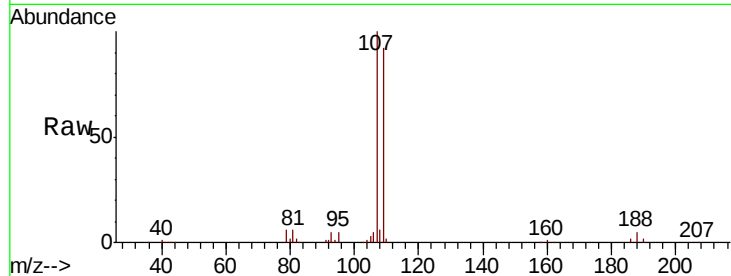
107 100

109 92.9 75.7 113.5

Manual Integrations
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11/13/2019 9:33:15 AM



#62

4-Bromofluorobenzene

Concen: 48.159 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

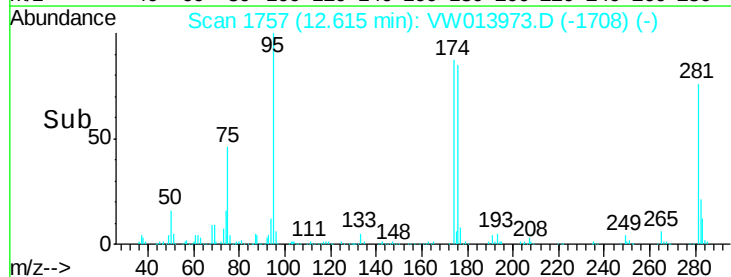
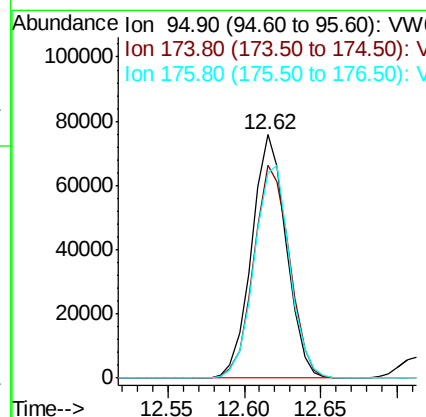
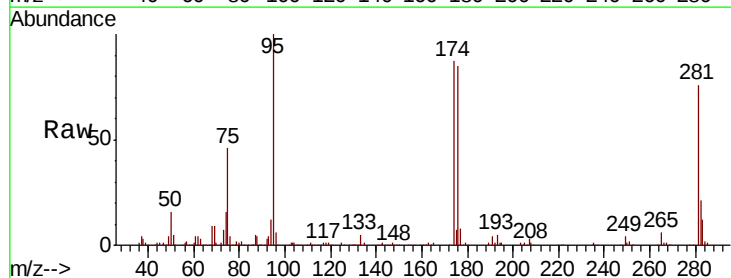
Tgt Ion: 95 Resp: 118833

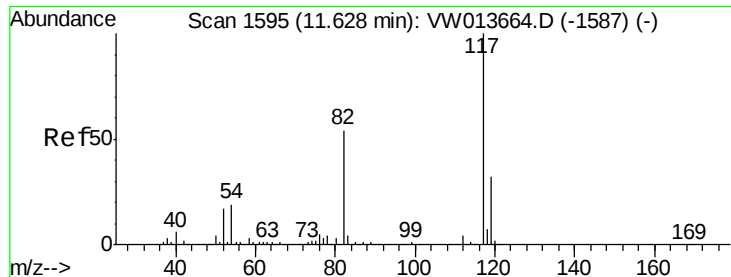
Ion Ratio Lower Upper

95 100

174 90.7 0.0 183.6

176 90.3 0.0 178.0





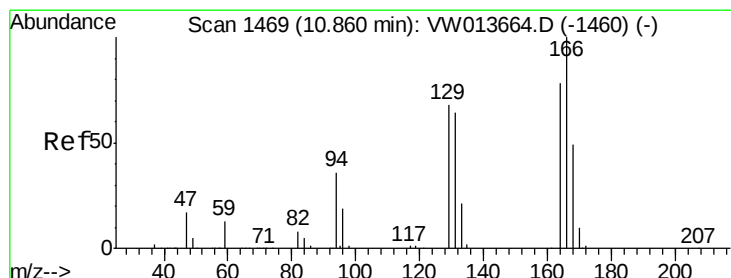
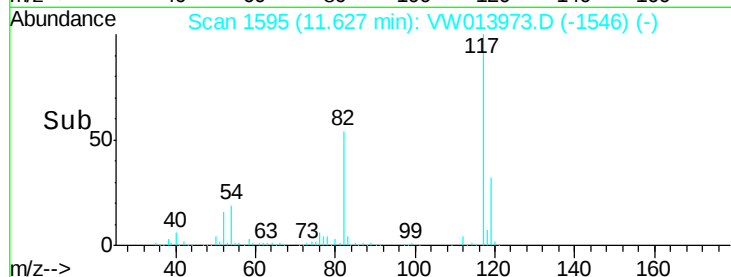
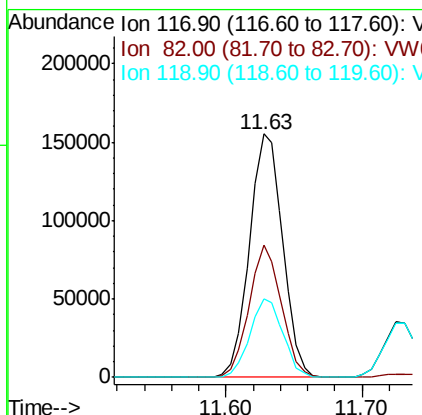
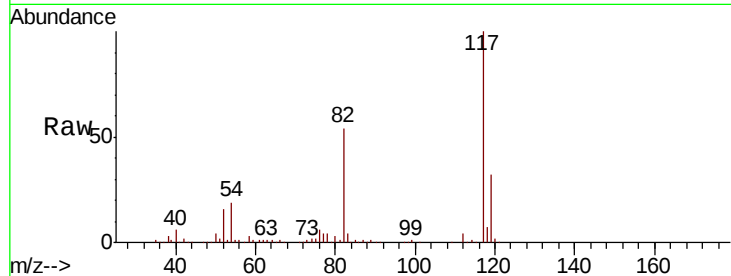
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.6	65.4
119	32.3	25.4	38.2

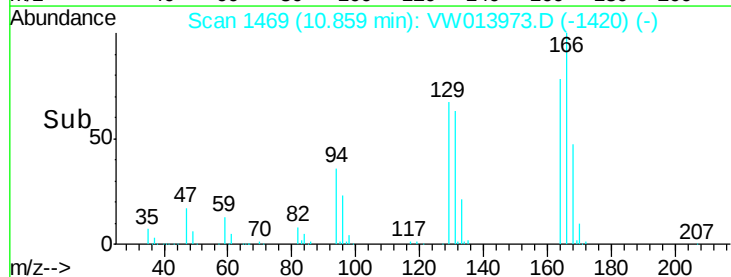
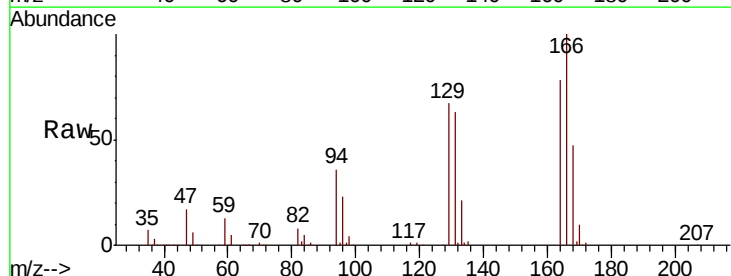
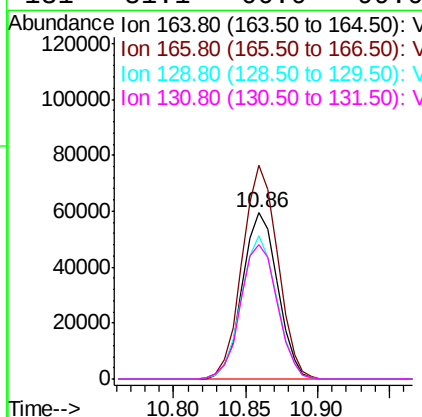
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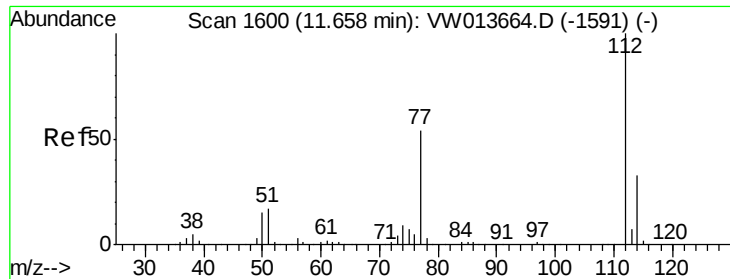
MMDadoda
11/13/2019 9:33:15 AM



#64
Tetrachloroethene
Concen: 49.691 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.2	154.8
129	85.8	70.6	105.8
131	81.1	66.0	99.0





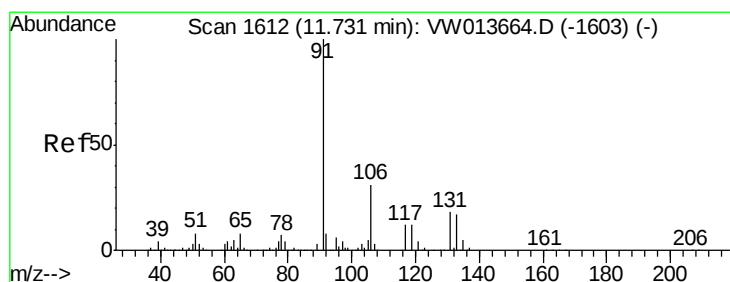
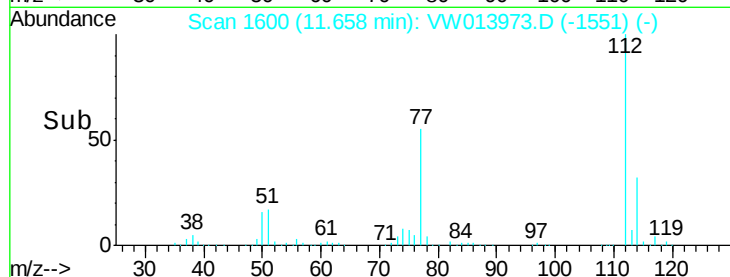
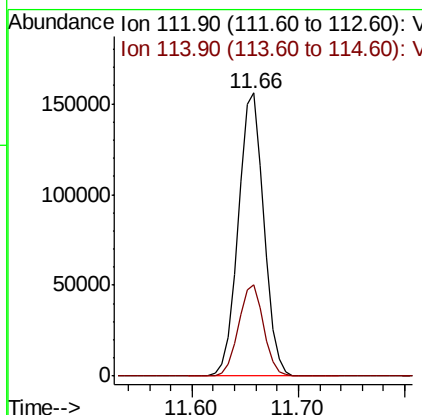
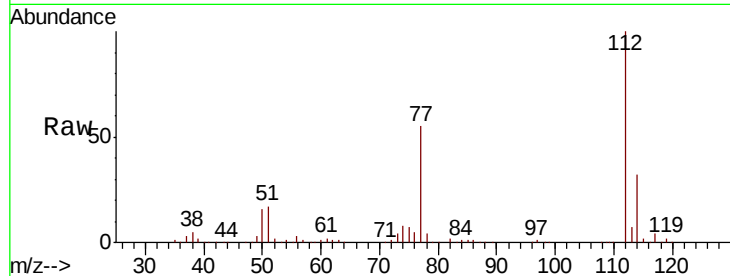
#65
Chlorobenzene
Concen: 47.990 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 262652
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

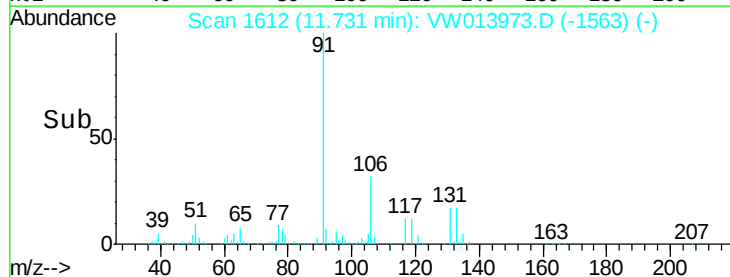
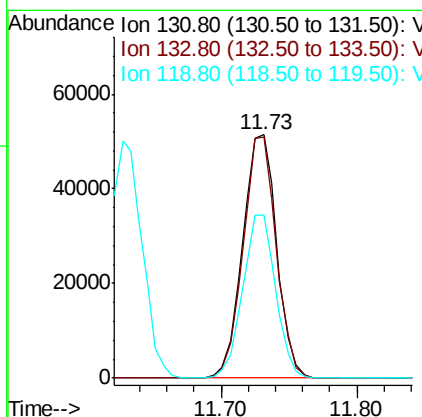
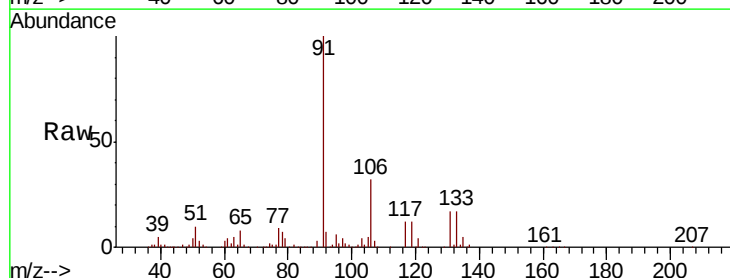
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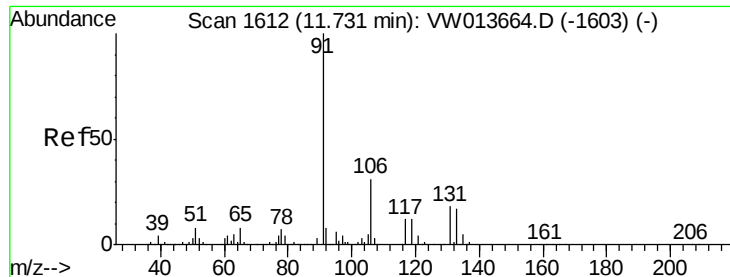
MMDadoda
11/13/2019 9:33:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.040 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion:131 Resp: 89851
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.3
119 65.3 33.1 99.2





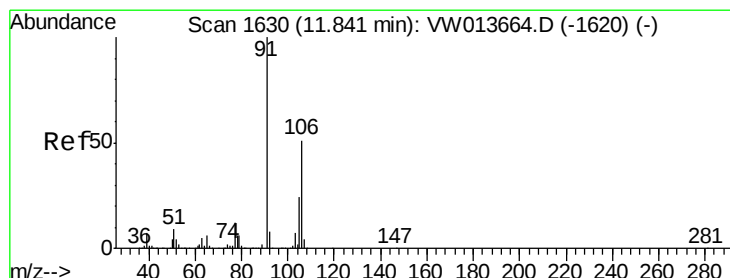
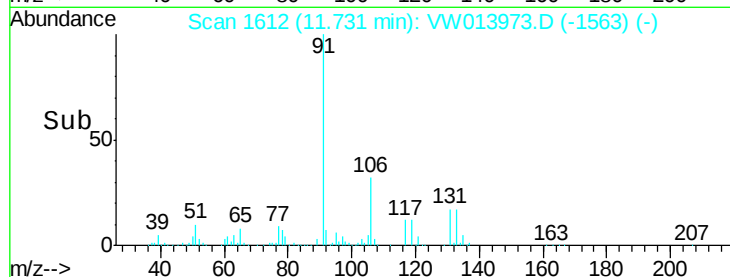
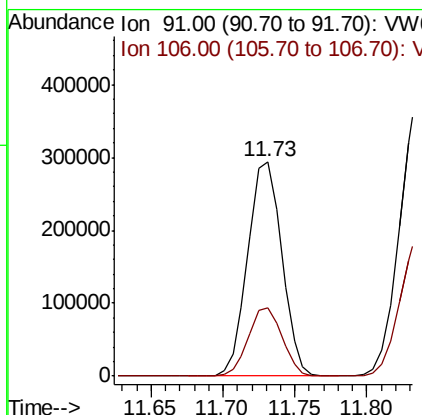
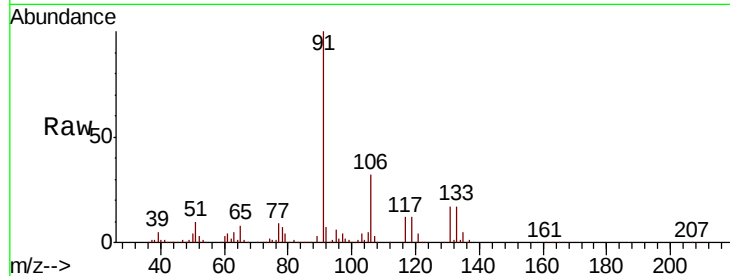
#67
Ethyl Benzene
Concen: 49.076 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 484328
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

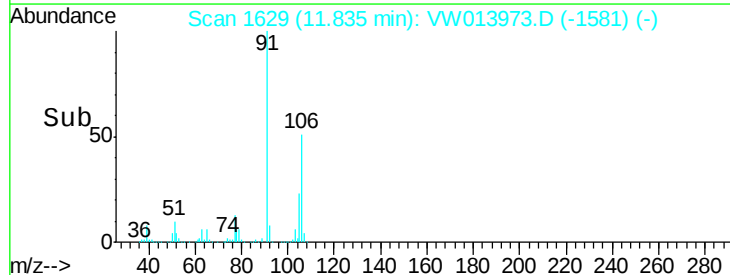
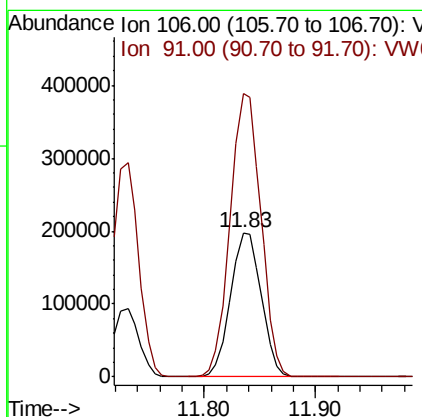
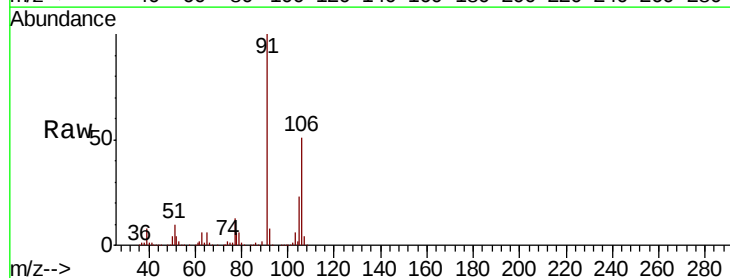
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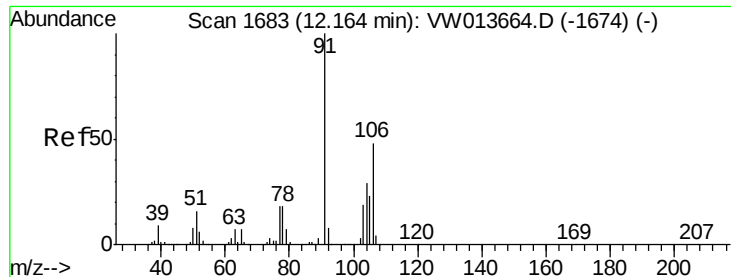
MMDadoda
11/13/2019 9:33:15 AM



#68
m/p-Xylenes
Concen: 98.574 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion: 106 Resp: 375853
Ion Ratio Lower Upper
106 100
91 197.4 159.2 238.8





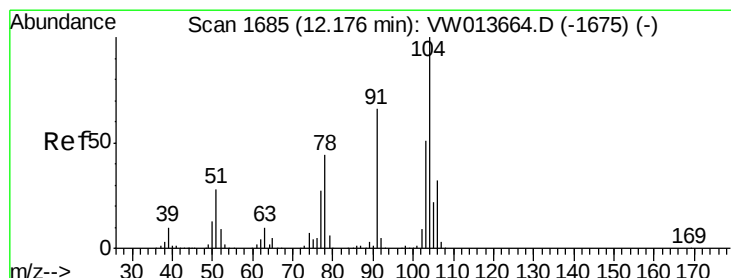
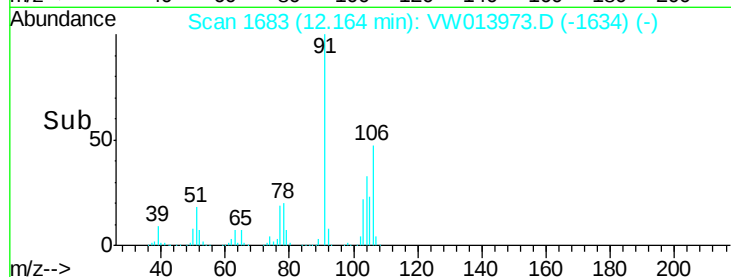
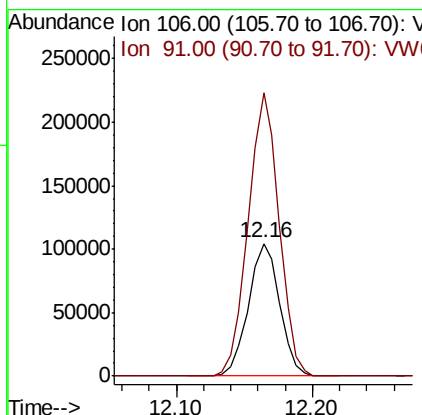
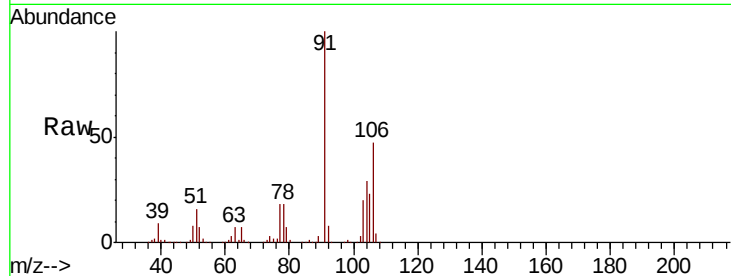
#69
o-Xylene
Concen: 48.090 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.9	104.9	314.7	

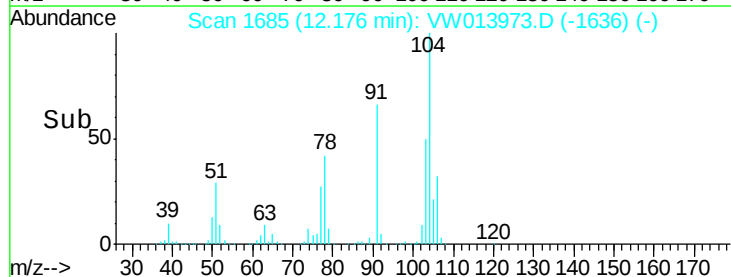
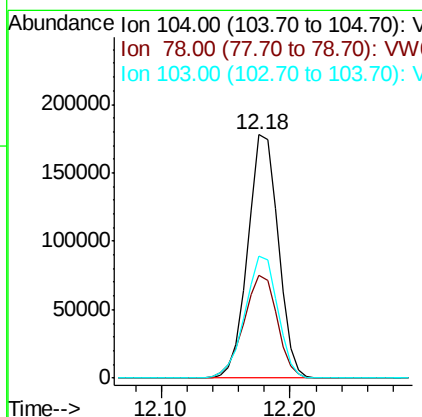
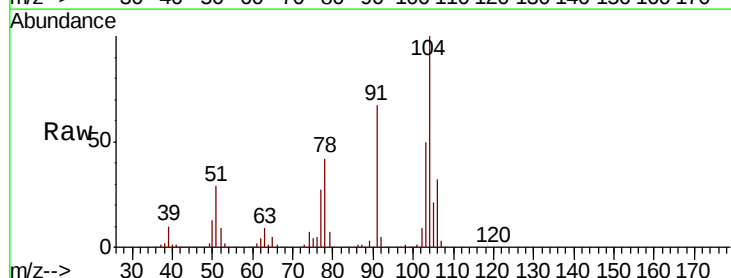
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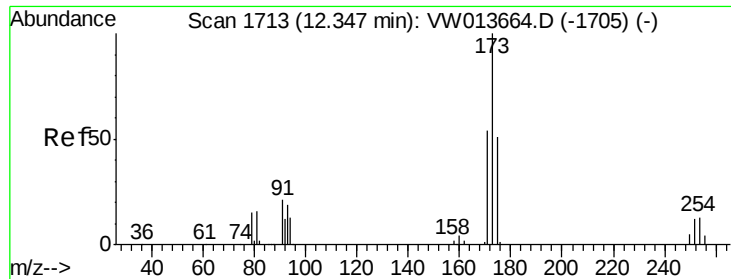
MMDadoda
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#70
Styrene
Concen: 48.128 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.7	37.1	55.7	
103	54.0	43.6	65.4	





#71

Bromoform

Concen: 45.069 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 45177

Ion Ratio Lower Upper

173 100

175 48.2 25.2 75.6

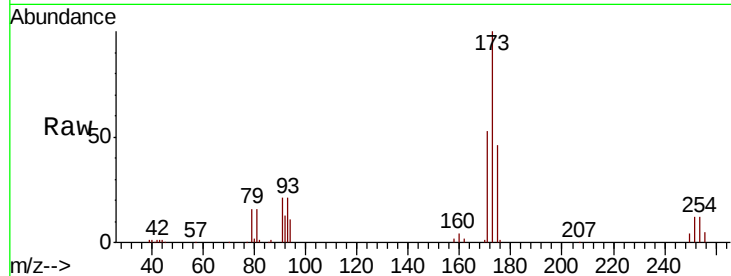
254 0.0 0.1 0.1#

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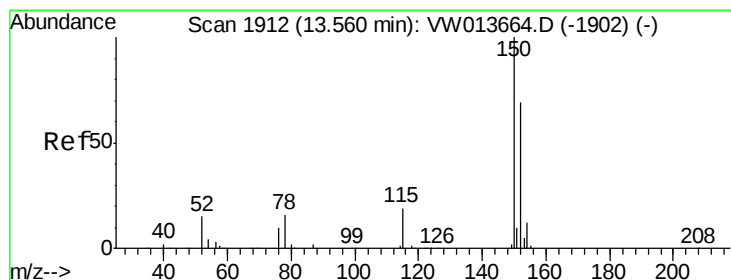
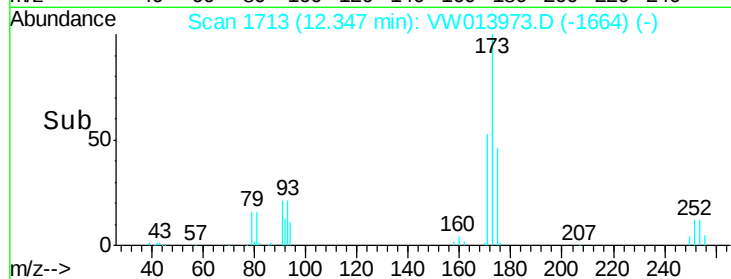
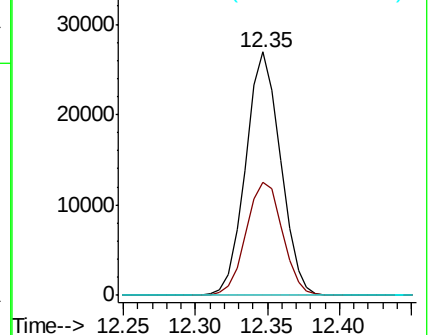
11/13/2019 9:33:15 AM



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: VW013973.D

Acq: 12 Nov 2019 14:17

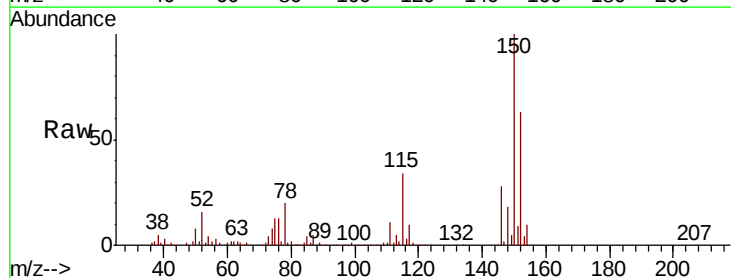
Tgt Ion:152 Resp: 131835

Ion Ratio Lower Upper

152 100

115 55.1 27.4 82.2

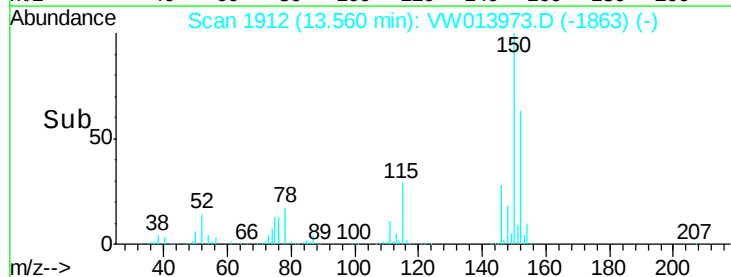
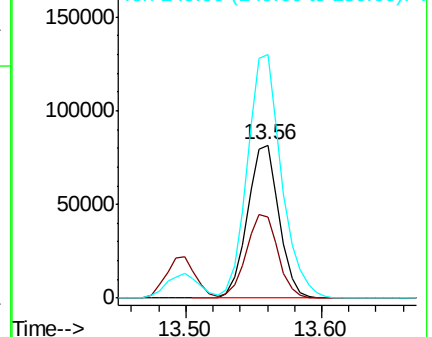
150 172.9 0.0 345.4

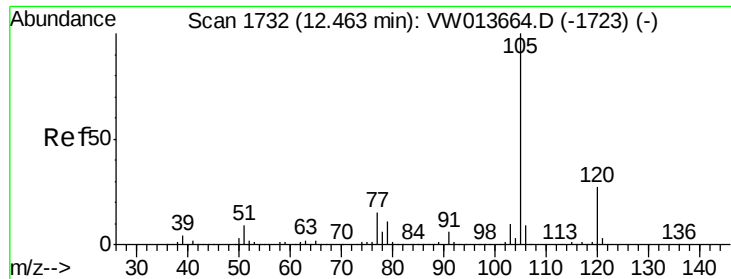


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.908 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 491445

Ion Ratio Lower Upper

105 100

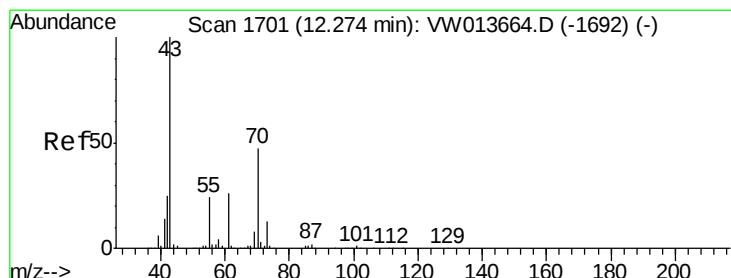
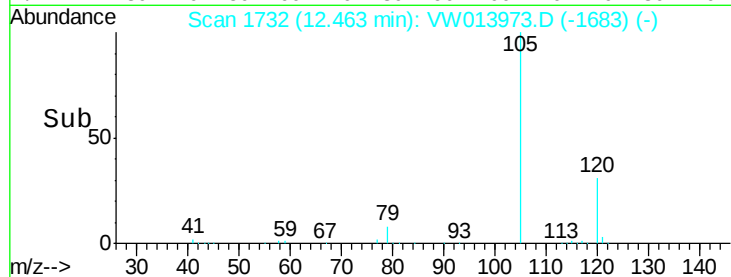
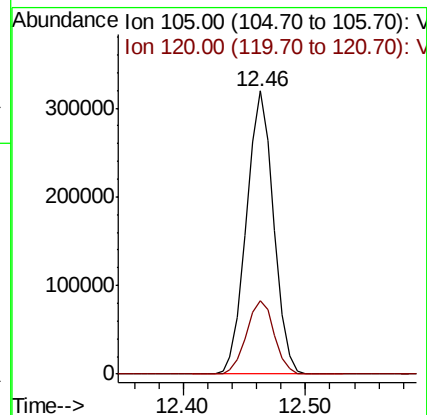
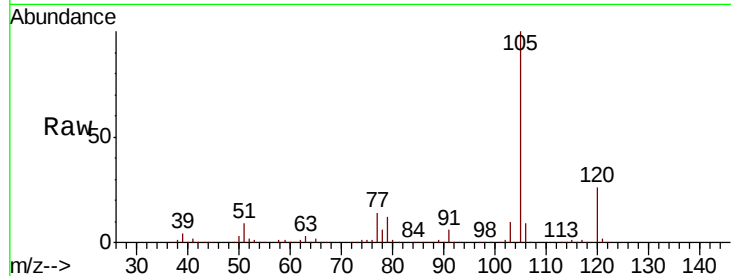
120 26.6 13.5 40.4

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#74

N-ethyl acetate

Concen: 48.283 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion: 43 Resp: 88427

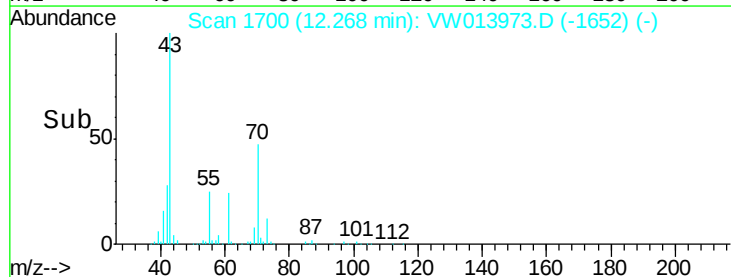
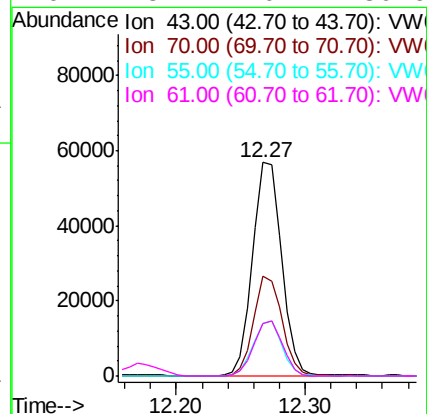
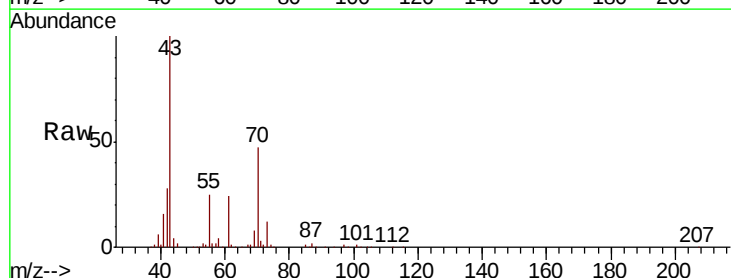
Ion Ratio Lower Upper

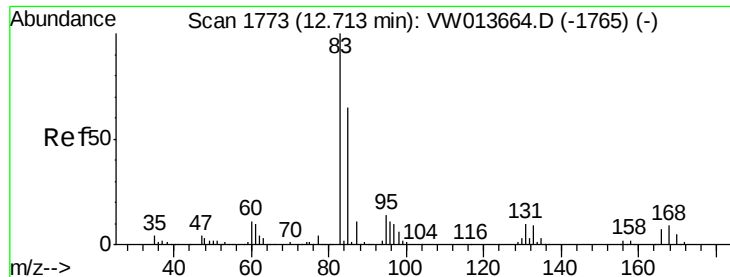
43 100

70 45.7 36.6 55.0

55 25.5 20.3 30.5

61 25.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.560 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

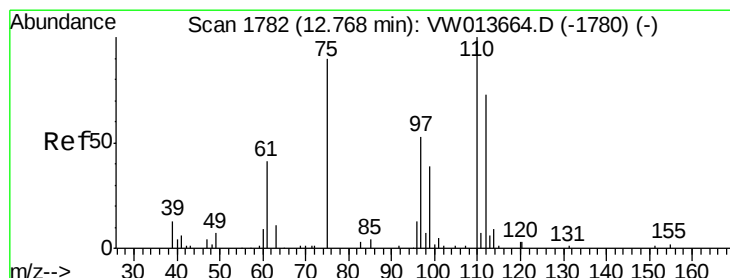
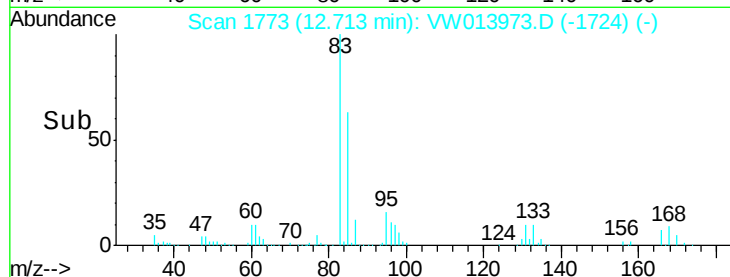
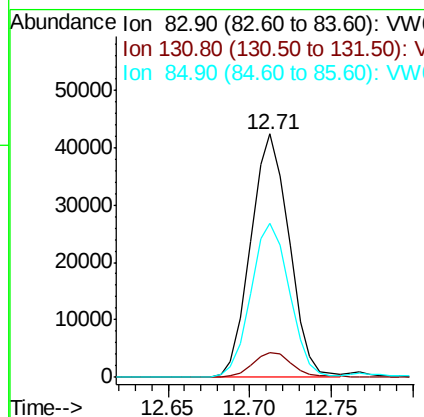
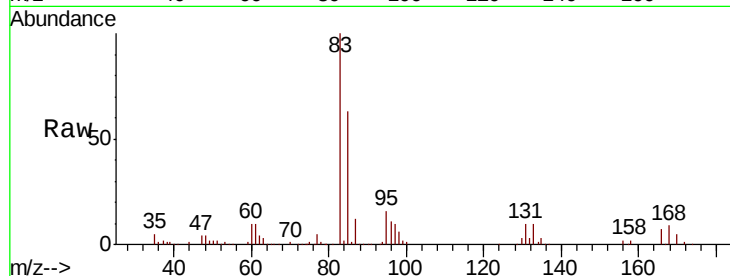
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	69561
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	63.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 56.915 ug/l m

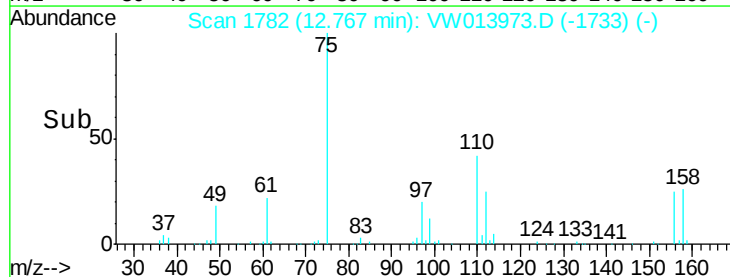
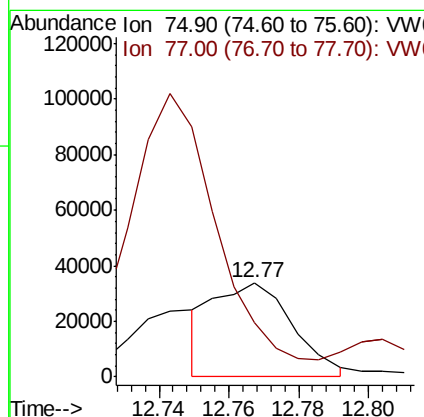
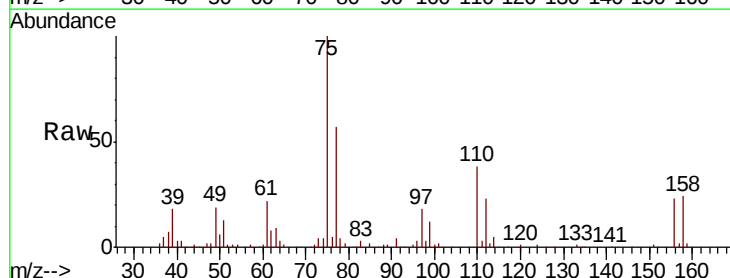
RT: 12.77 min Scan# 1782

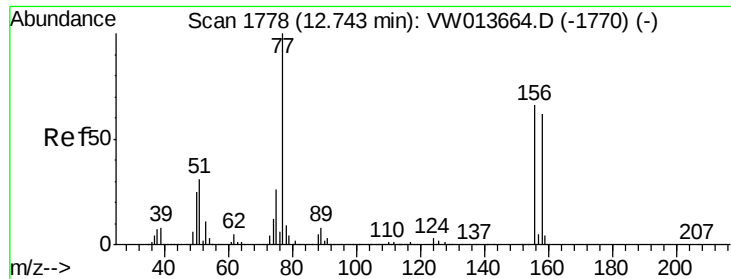
Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	75	Resp:	53885
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.996 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

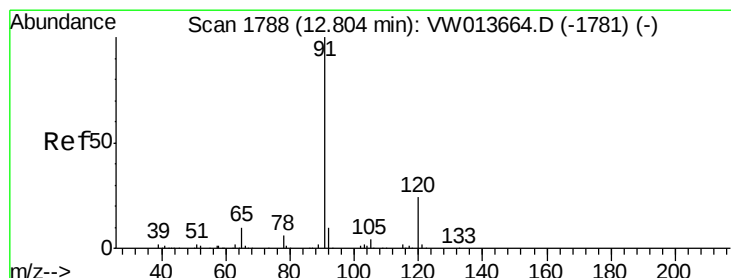
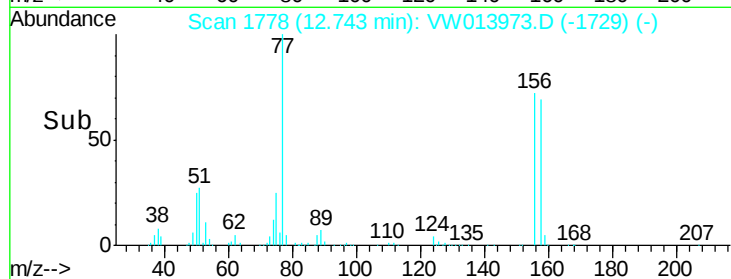
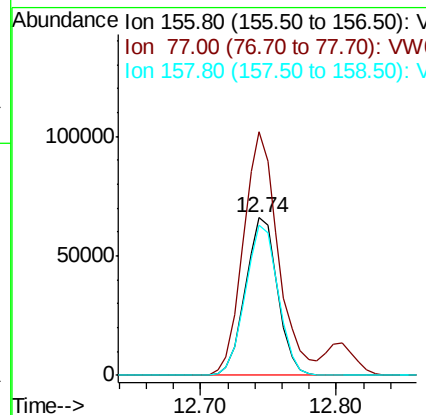
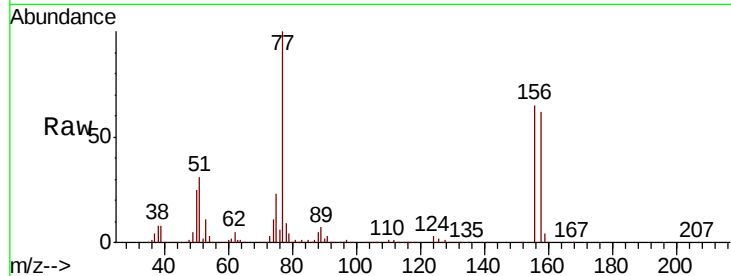
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		108550		
77	168.9	82.9	248.7		
158	97.7	48.4	145.2		

Manual Integrations
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#78

n-propylbenzene

Concen: 51.729 ug/l

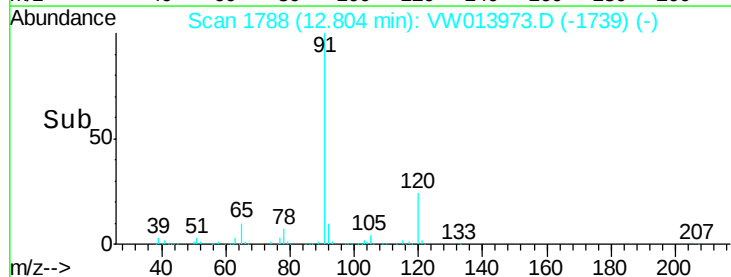
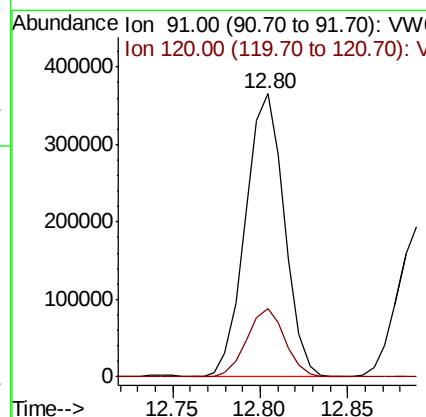
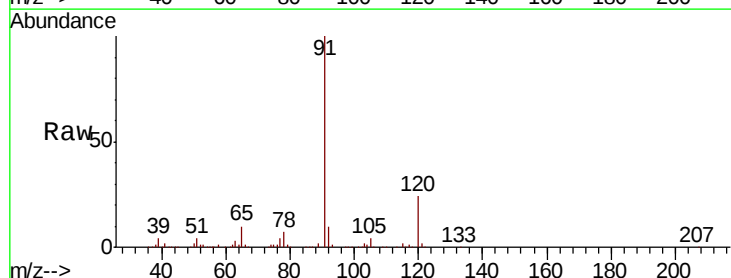
RT: 12.80 min Scan# 1788

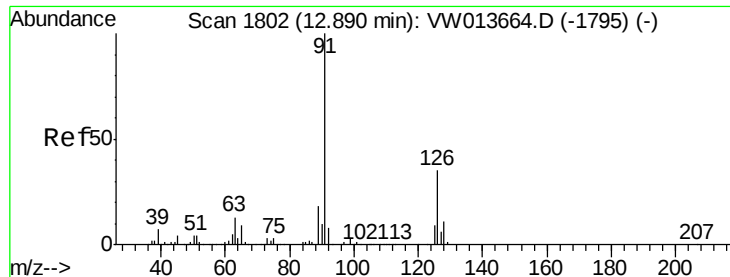
Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		566850		
120	23.8	12.0	36.0		





#79

2-Chlorotoluene

Concen: 50.250 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 309445

Ion Ratio Lower Upper

91 100

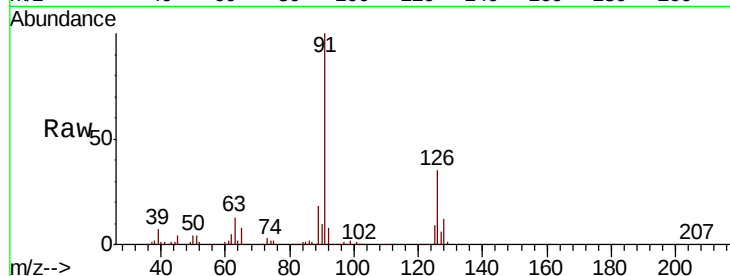
126 35.4 17.4 52.2

Manual Integrations

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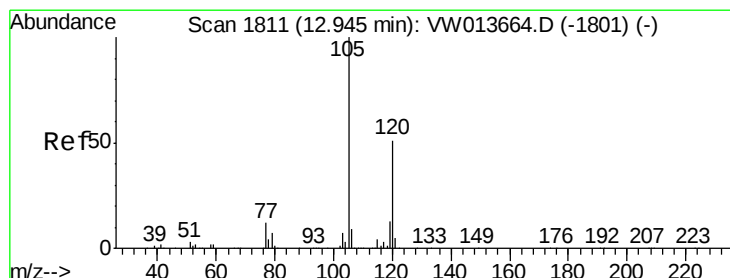
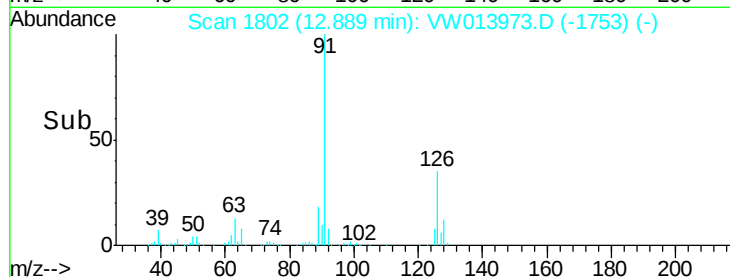
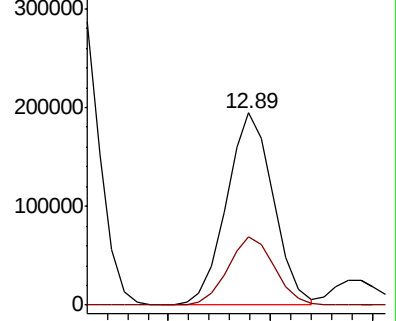
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.485 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013973.D

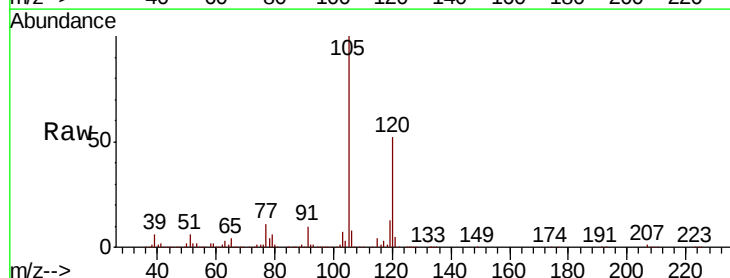
Acq: 12 Nov 2019 14:17

Tgt Ion:105 Resp: 403483

Ion Ratio Lower Upper

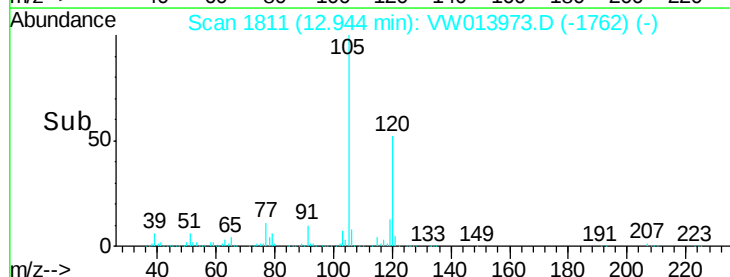
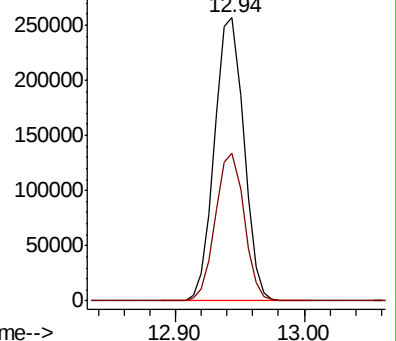
105 100

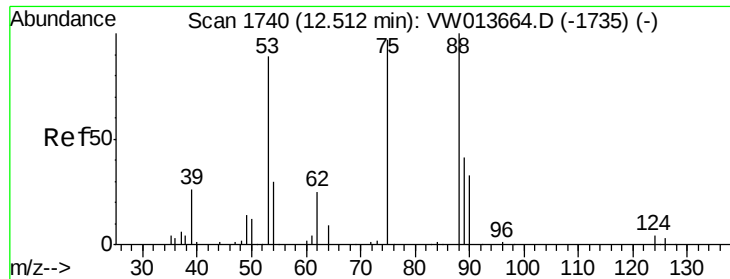
120 51.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





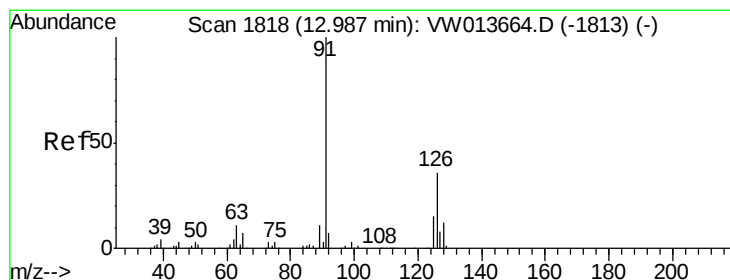
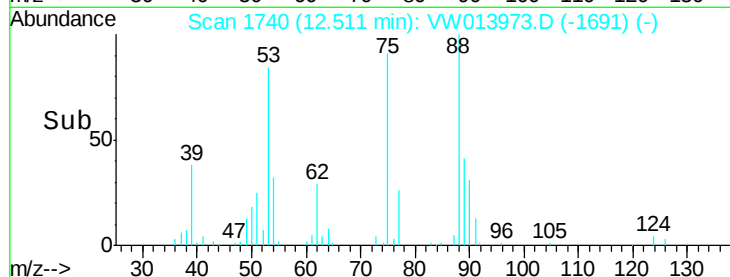
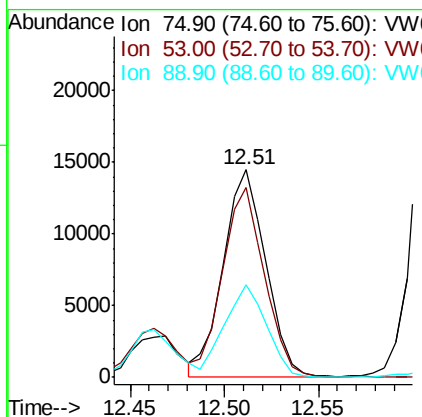
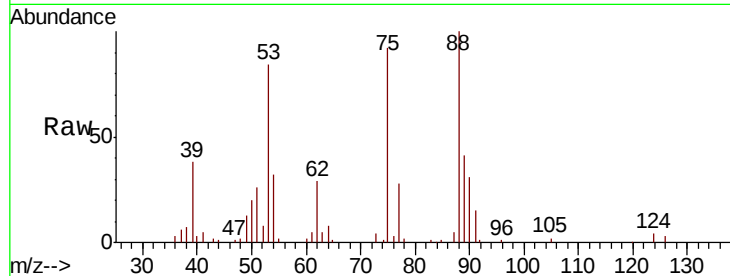
#81
trans-1,4-Dichloro-2-butene
Concen: 45.454 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	71.7	107.5
89	43.5	35.8	53.8

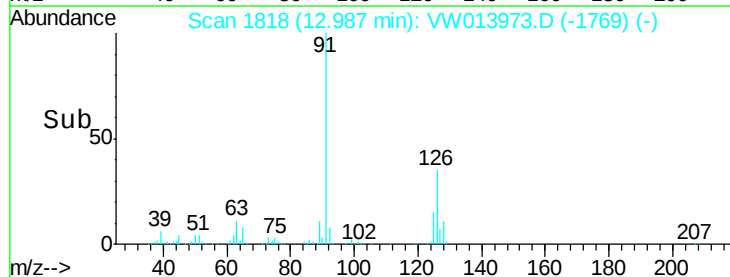
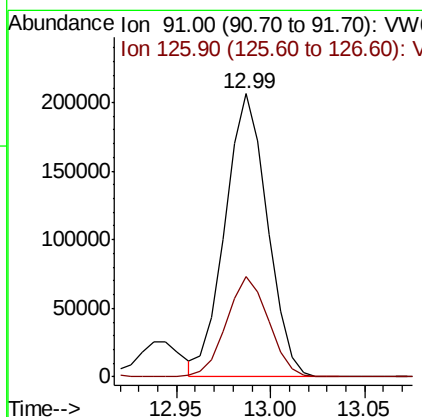
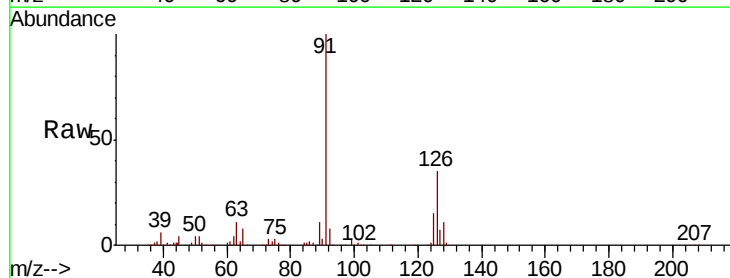
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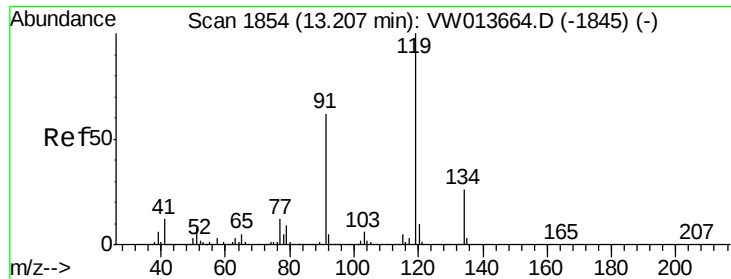
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#82
4-Chlorotoluene
Concen: 49.560 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.2	51.5





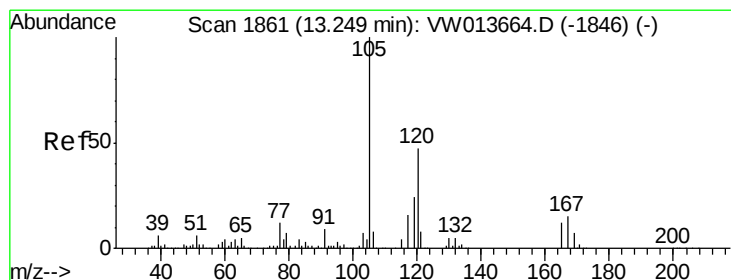
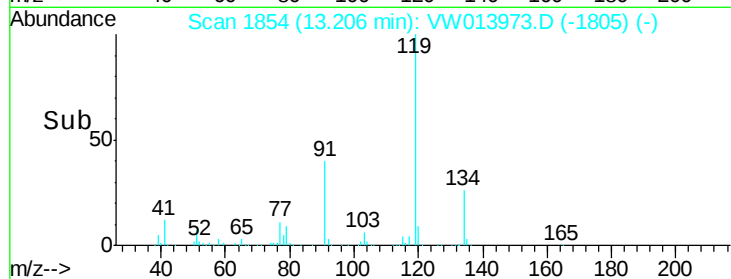
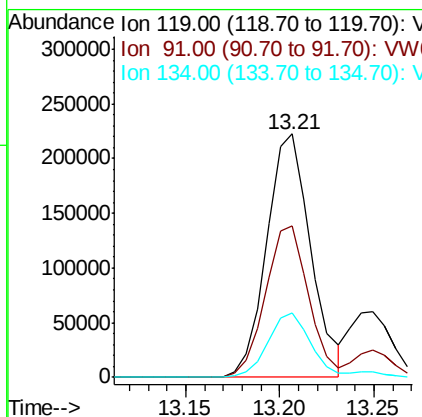
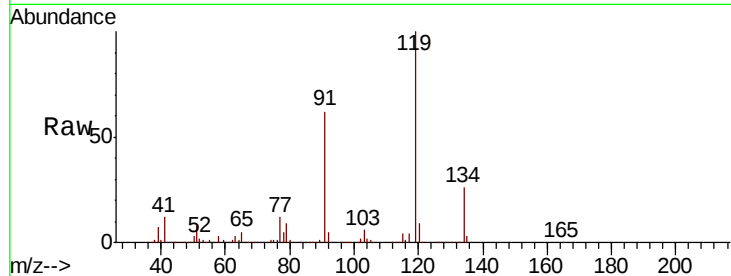
#83
tert-Butylbenzene
Concen: 50.821 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	360531		
91	61.0		30.4	91.3
134	25.6		13.6	40.8

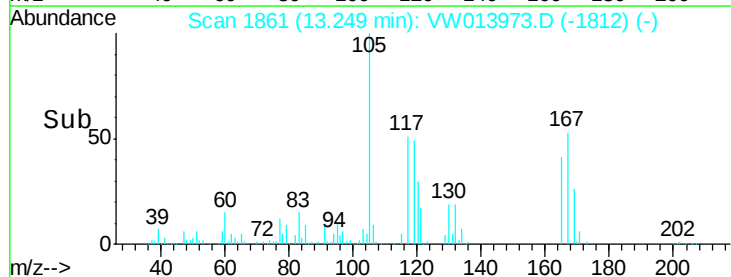
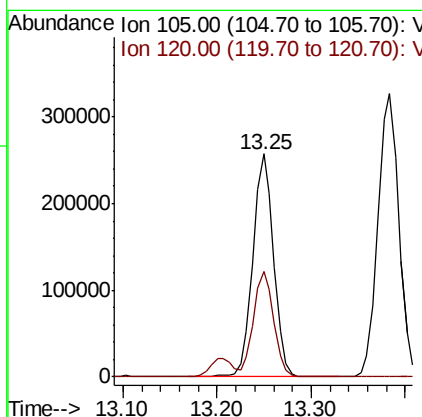
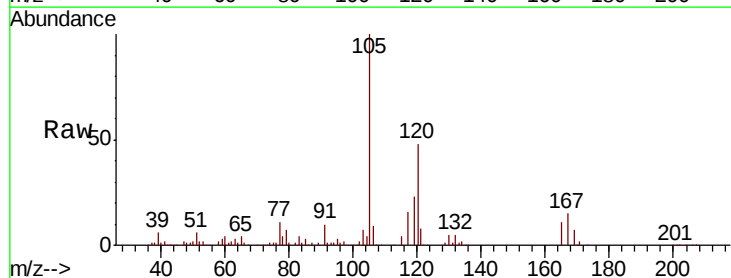
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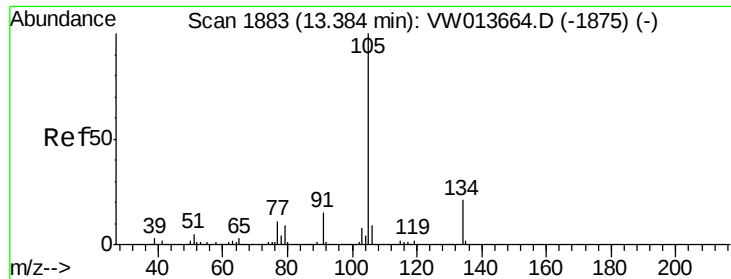
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.688 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399611		
120	45.9		23.5	70.5





#85

sec-Butylbenzene

Concen: 51.717 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 501708

Ion Ratio Lower Upper

105 100

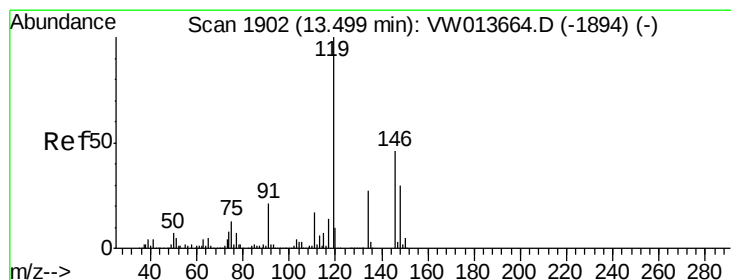
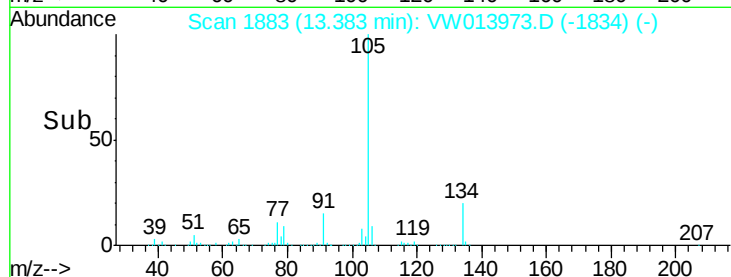
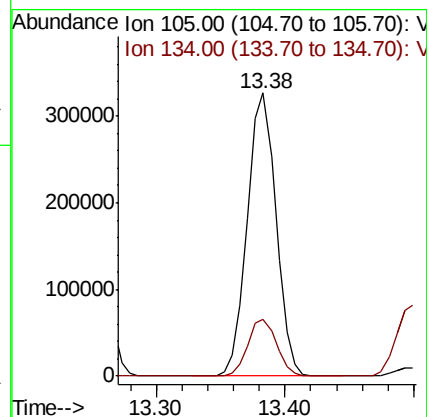
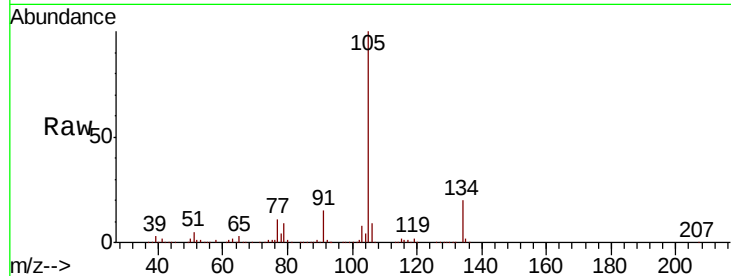
134 20.4 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 51.355 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

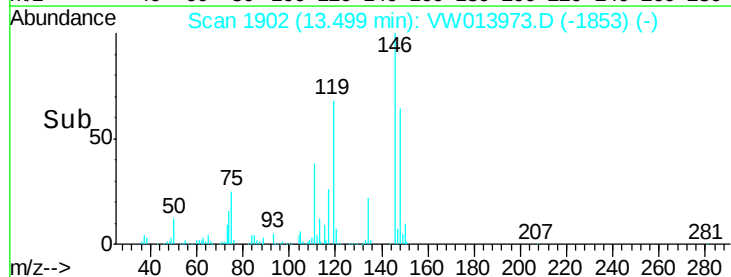
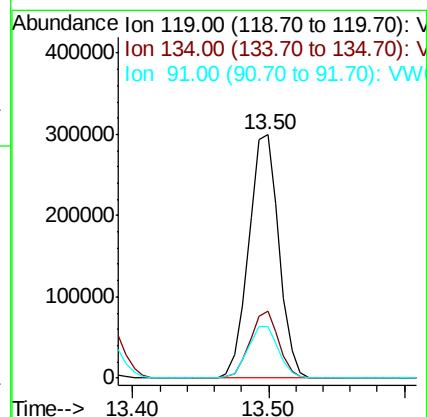
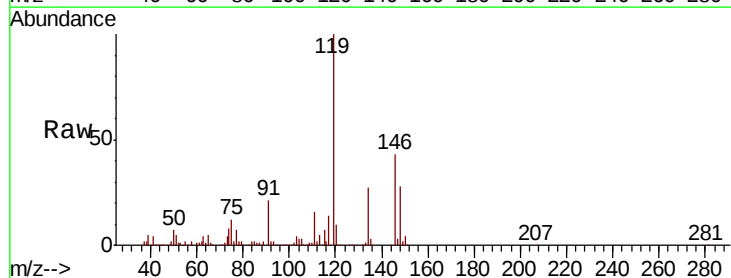
Tgt Ion:119 Resp: 464073

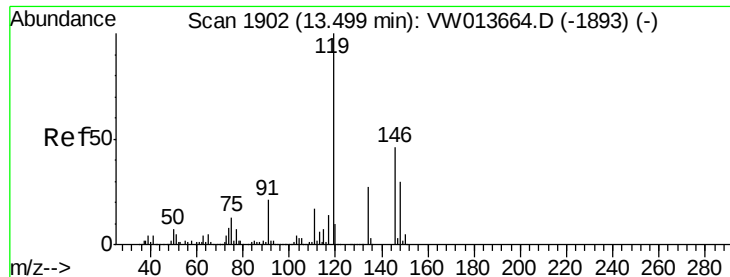
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 21.5 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 48.343 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013973.D

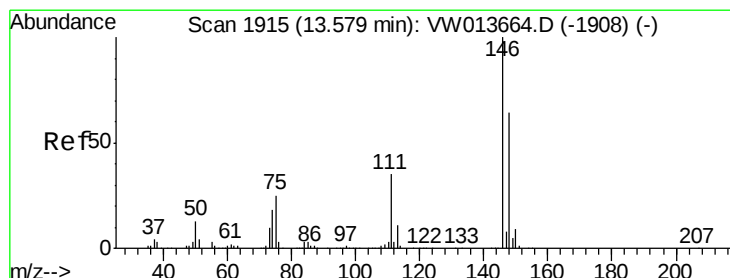
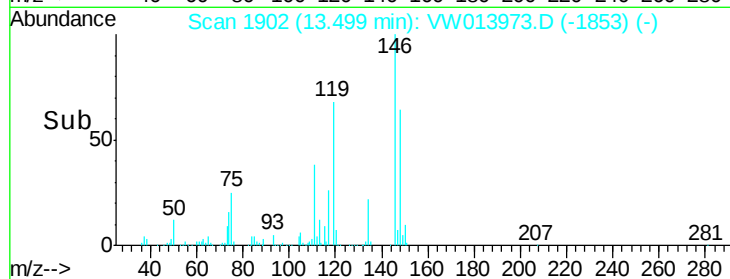
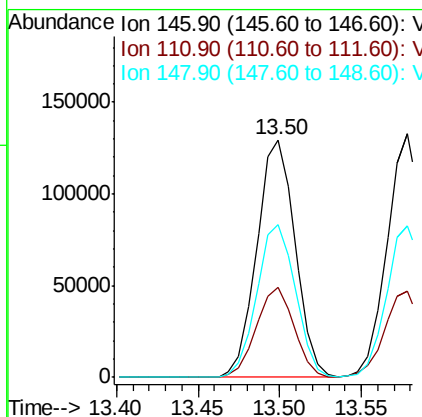
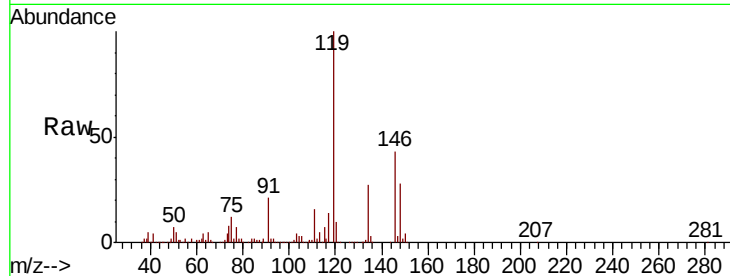
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211838		
111	37.5	18.6	56.0	
148	64.9	31.7	95.1	

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#88

1,4-Dichlorobenzene

Concen: 47.991 ug/l

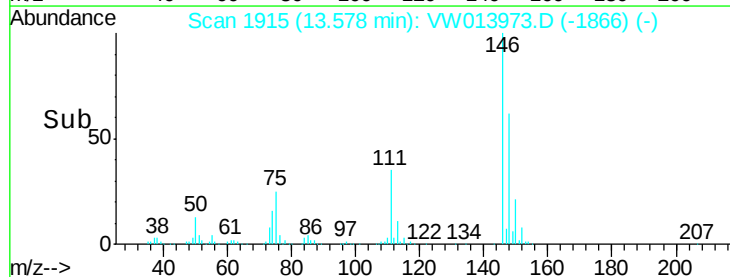
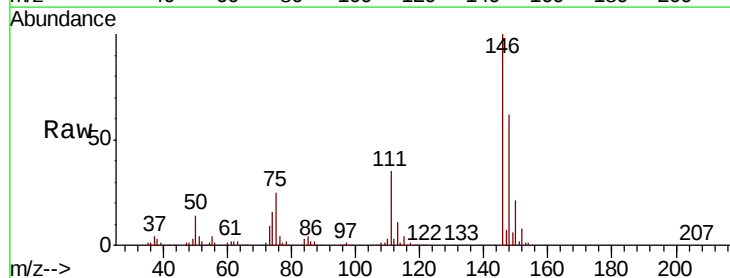
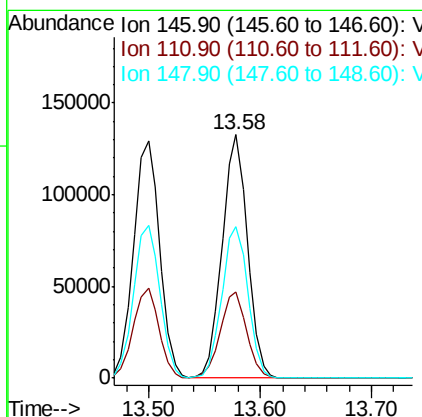
RT: 13.58 min Scan# 1915

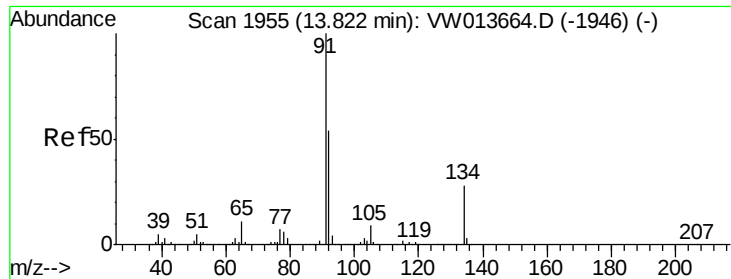
Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	208921		
111	36.6	18.1	54.3	
148	64.3	32.0	96.2	





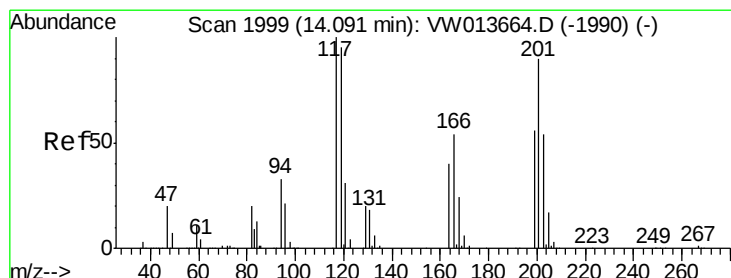
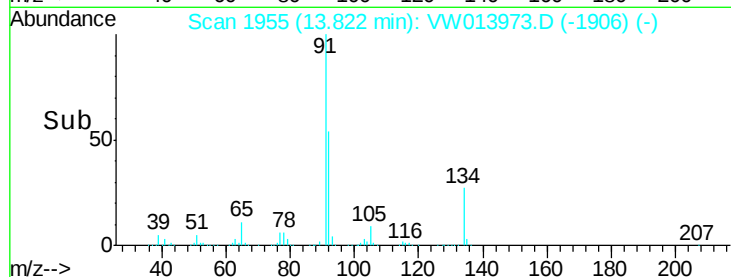
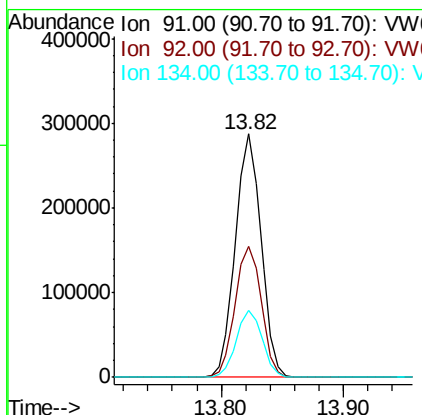
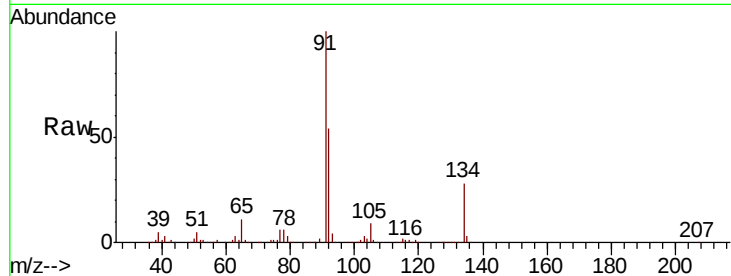
#89
n-Butylbenzene
Concen: 51.236 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	27.8	14.0	41.9

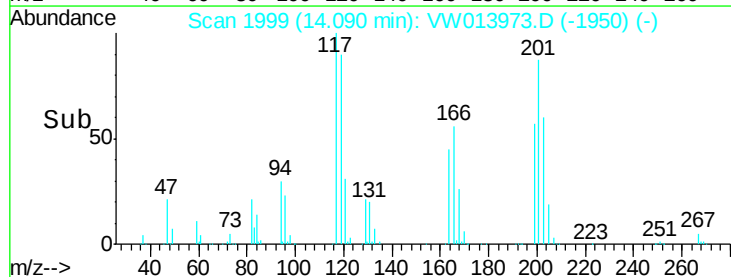
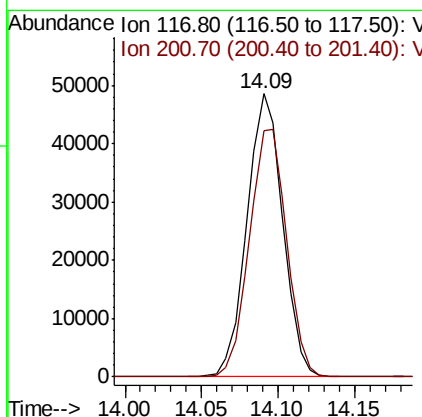
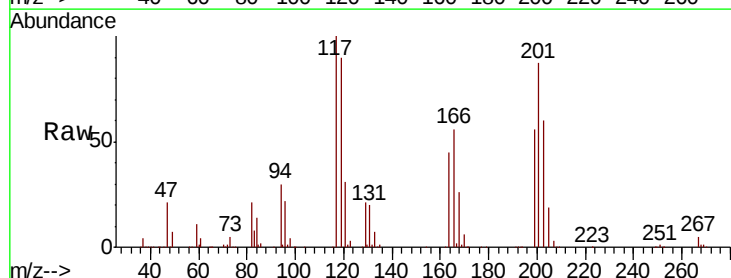
Manual Integrations
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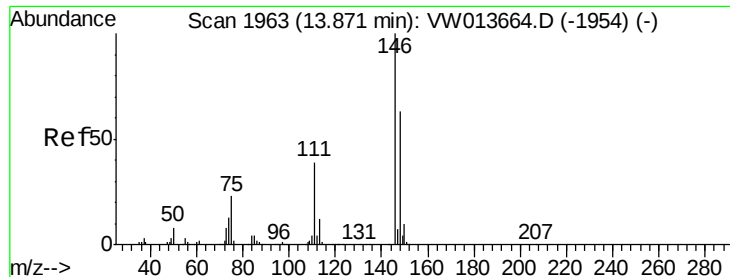
MMDadoda
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#90
Hexachloroethane
Concen: 50.234 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013973.D
Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	46.1	138.2





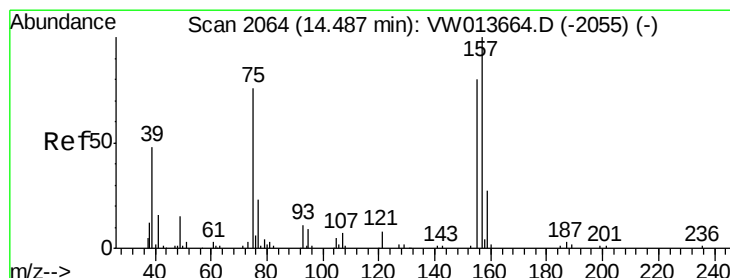
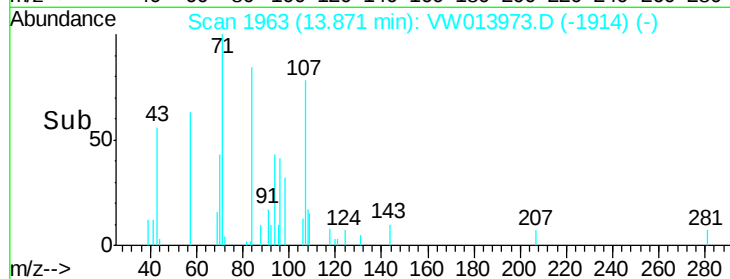
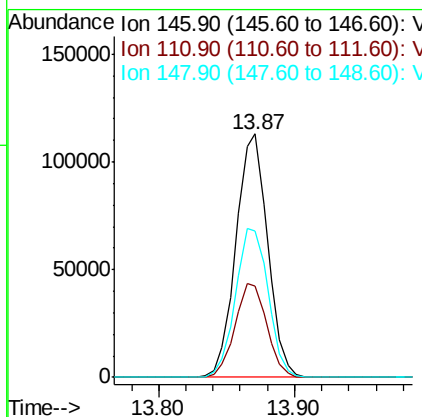
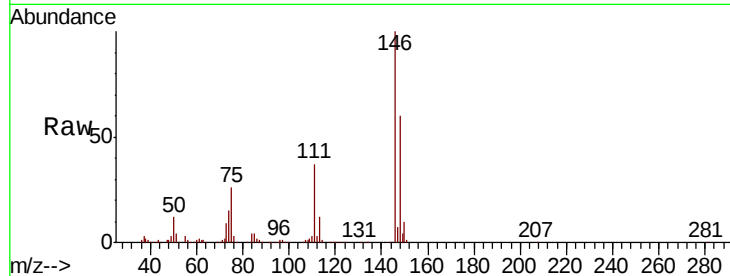
#91
 1,2-Dichlorobenzene
 Concen: 48.281 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.6
148	63.3	31.9	95.9

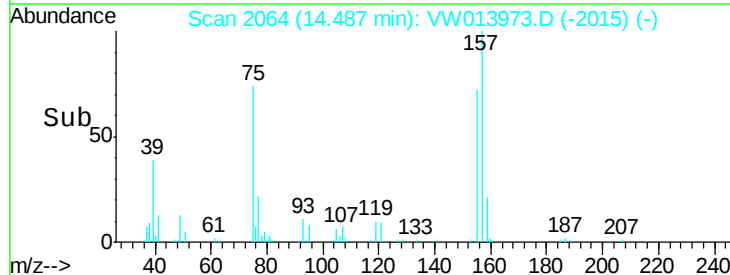
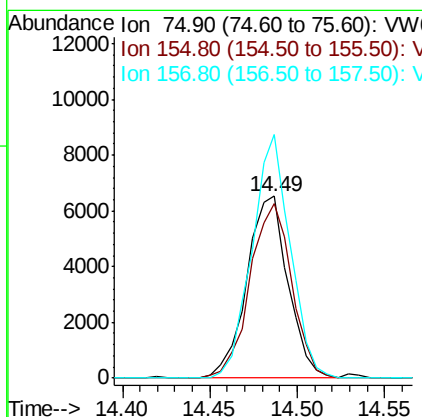
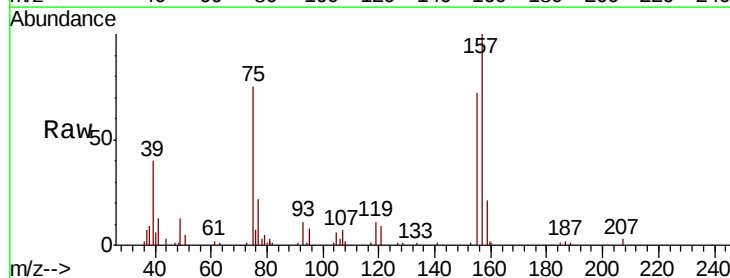
Manual Integrations
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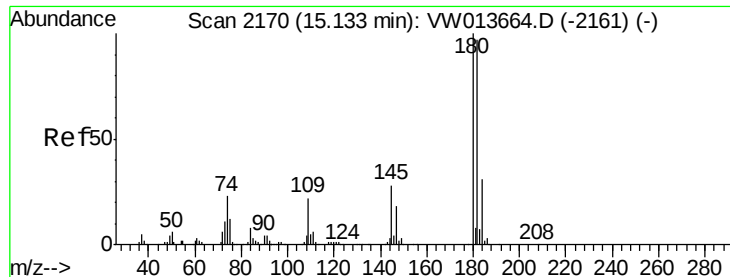
MMDadoda
 11/13/2019 9:33:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.424 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	51.9	155.7
157	123.5	64.8	194.3





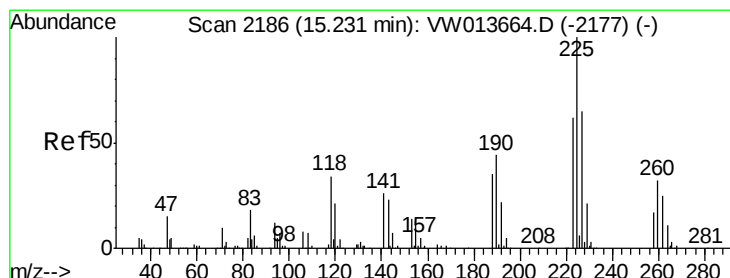
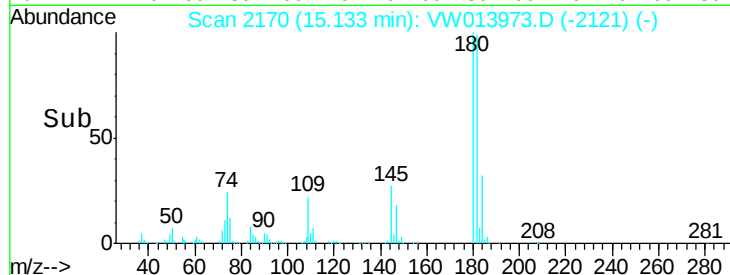
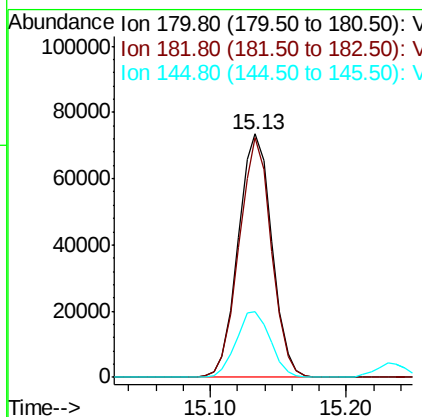
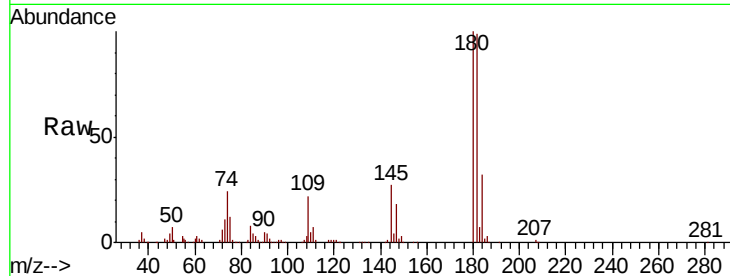
#93
 1,2,4-Trichlorobenzene
 Concen: 45.921 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126978		
182	94.5	47.4	142.2	
145	27.6	14.1	42.3	

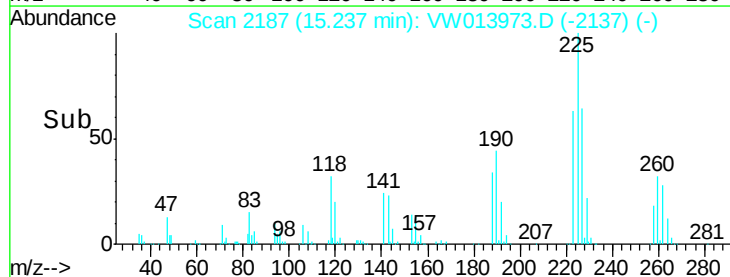
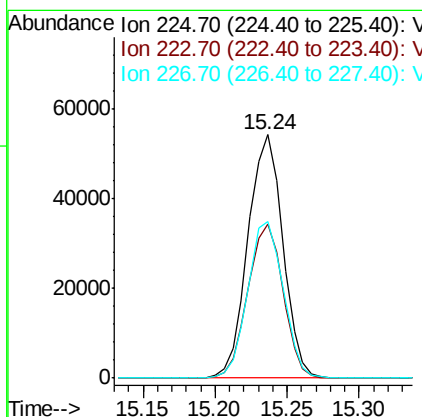
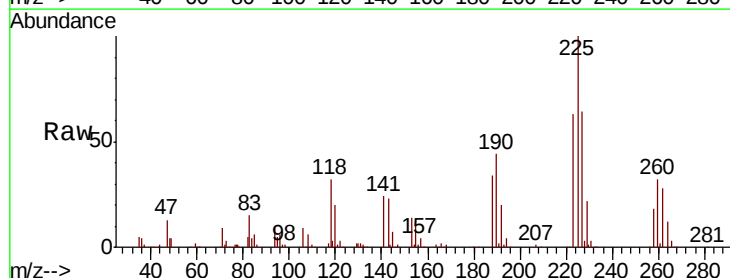
Manual Integrations
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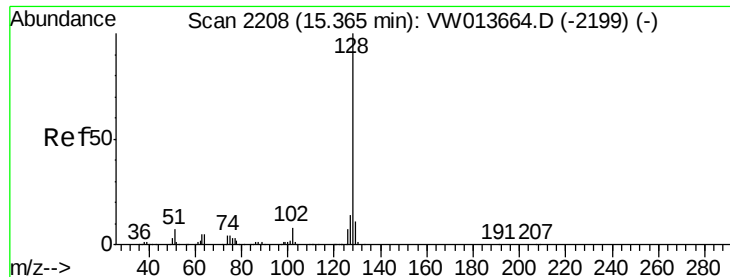
MMDadoda
 11/13/2019 9:33:15 AM



#94
 Hexachlorobutadiene
 Concen: 48.550 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013973.D
 Acq: 12 Nov 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90629		
223	63.8	31.9	95.9	
227	65.4	32.5	97.4	





#95

Naphthalene

Concen: 43.848 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Instrument :

MSVOA_W

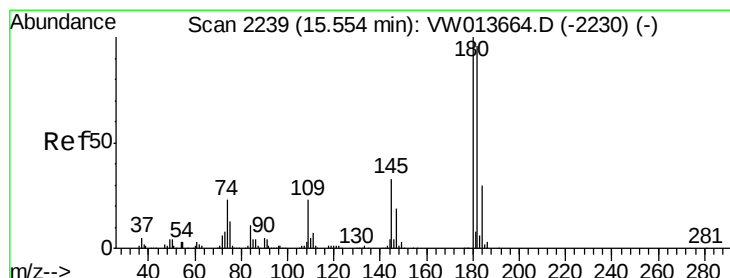
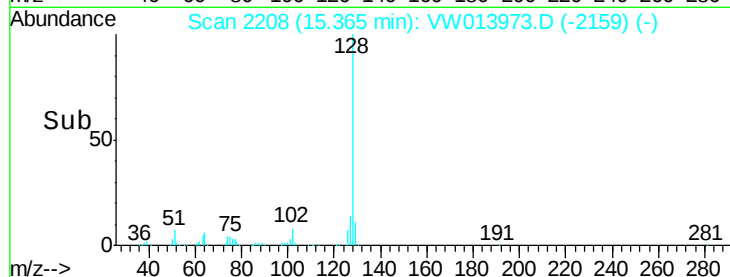
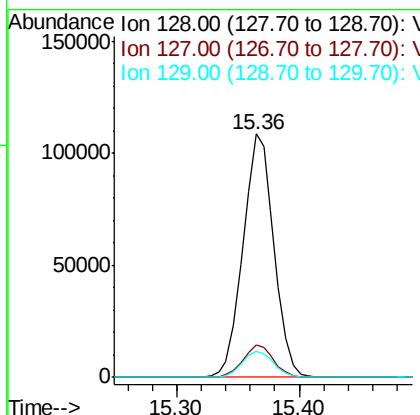
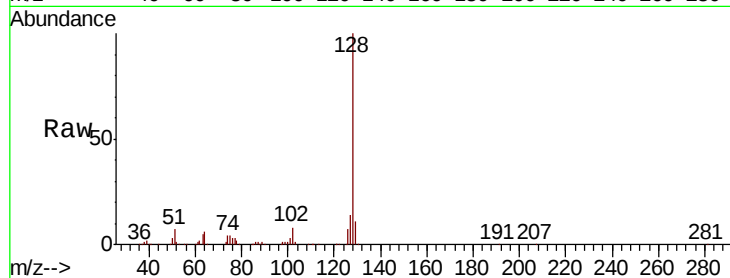
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	190099
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 44.286 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013973.D

Acq: 12 Nov 2019 14:17

Tgt Ion:	180	Resp:	105518
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.4	142.3
145	29.3	14.9	44.9

